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# CENSUS OF INDIA, 1921

## VOLUME XIII

# MADRAS

### PART I

## REPORT

BY

**G. T. BOAG, M.A.**

OF THE INDIAN CIVIL SERVICE

*Superintendent of Census Operations, Madras*



MADRAS

PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS

1922

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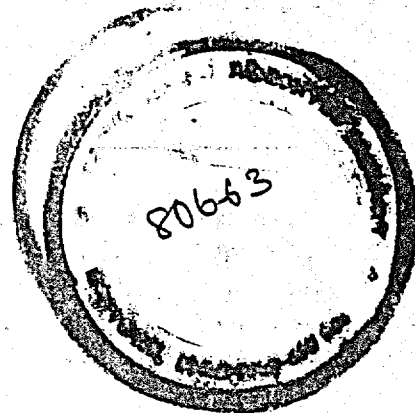
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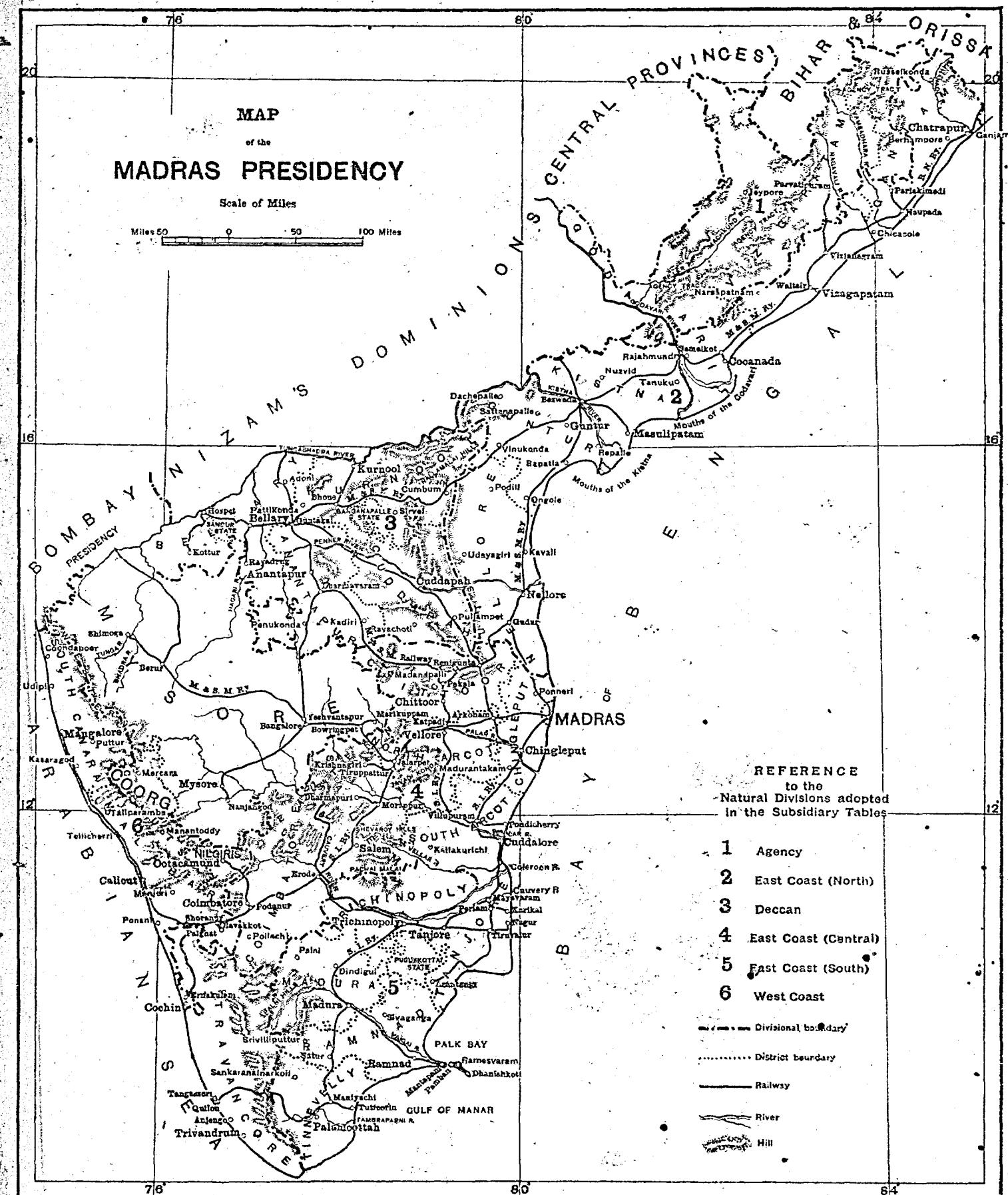
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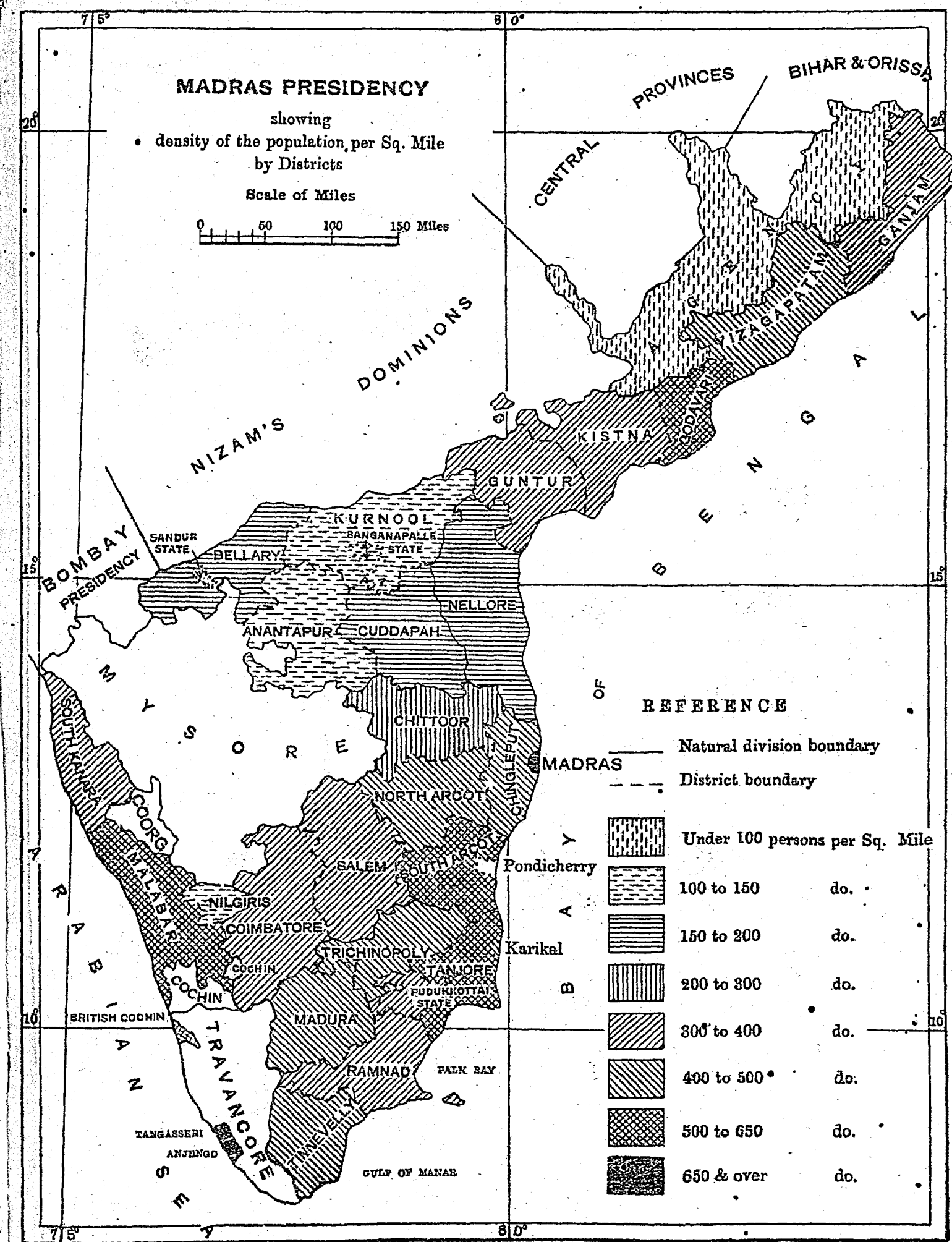
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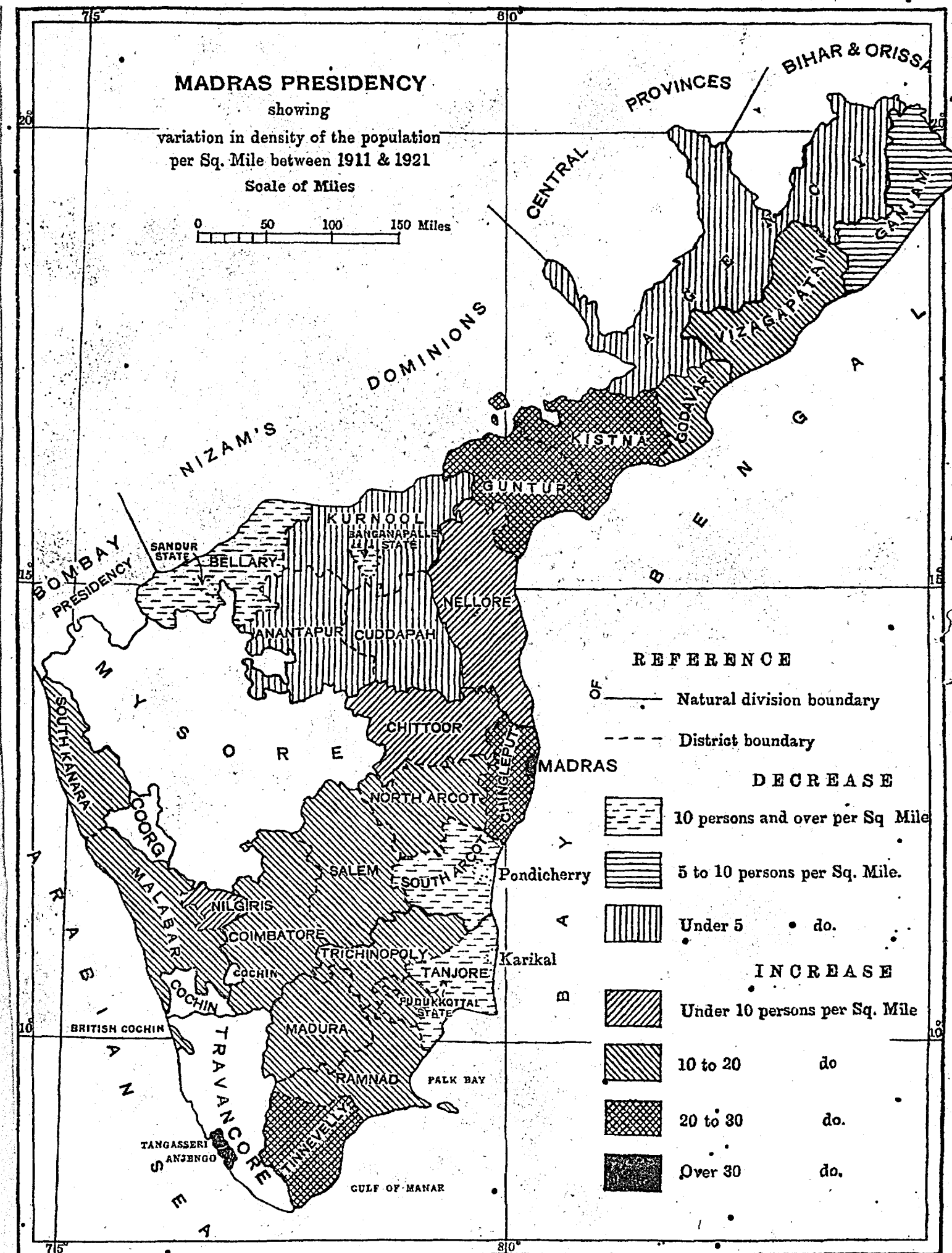


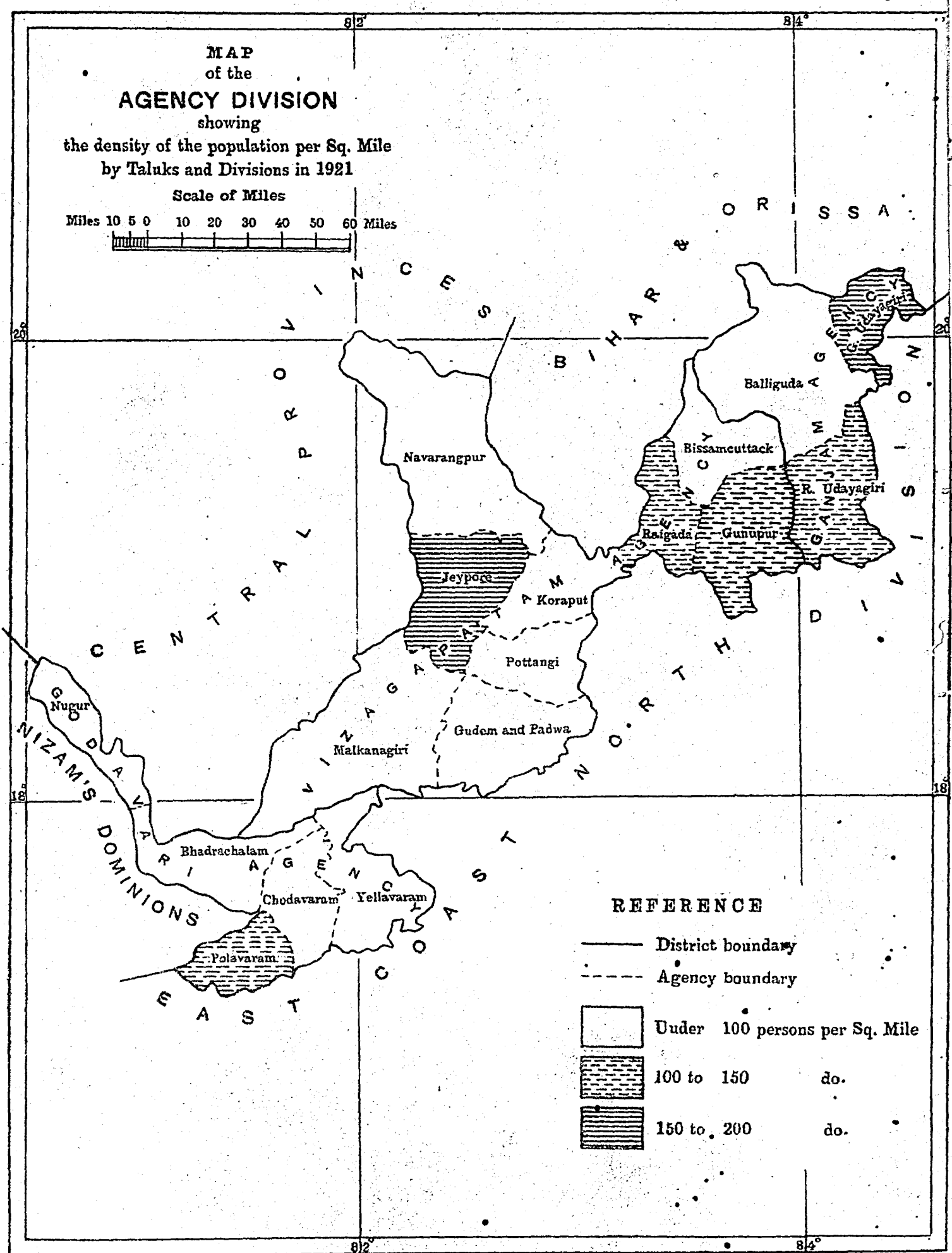


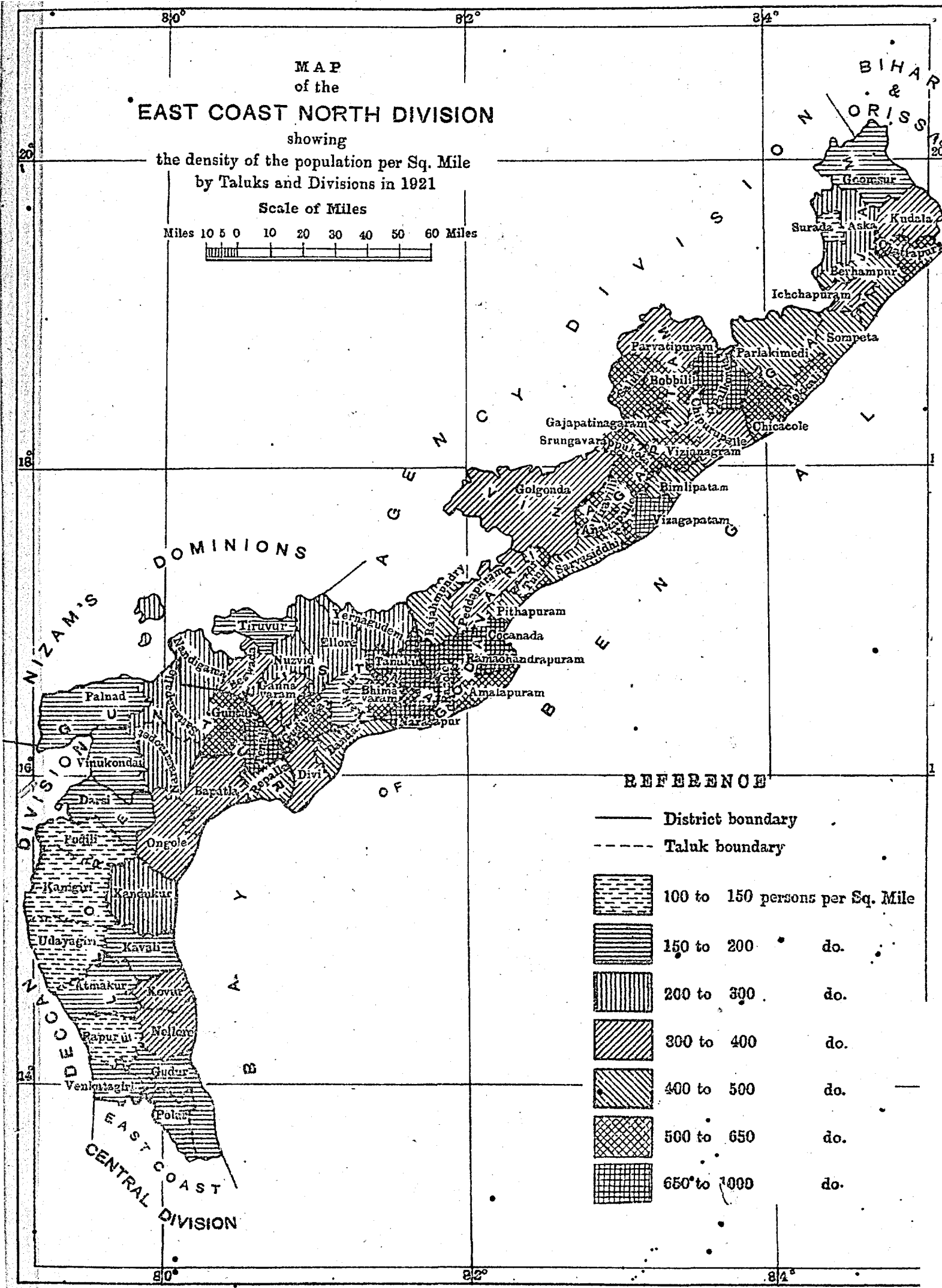


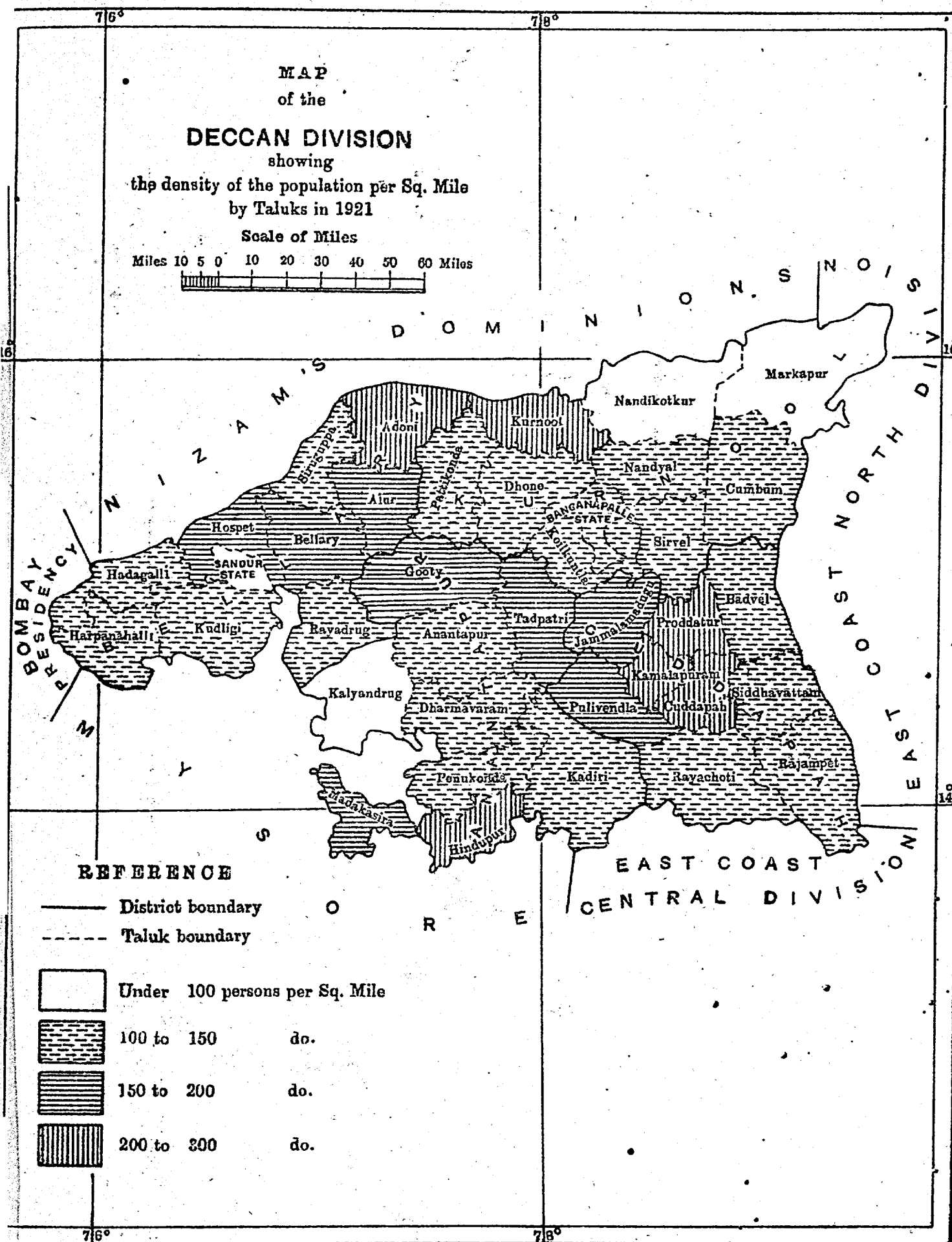
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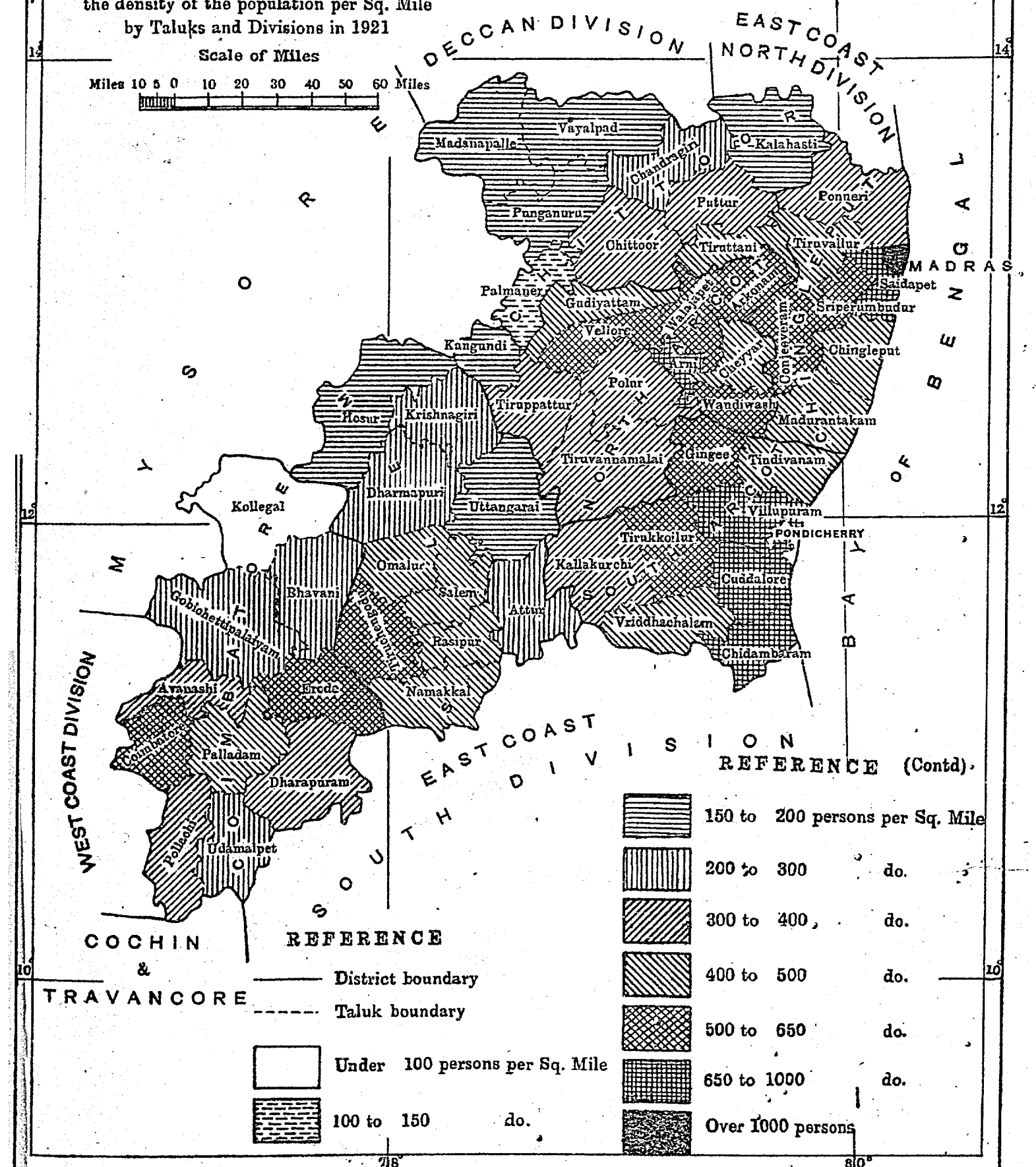
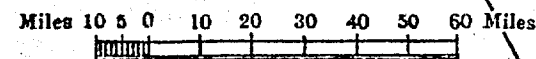






showing  
the density of the population per Sq. Mile  
by Taluqs and Divisions in 1921

### Scale of Miles



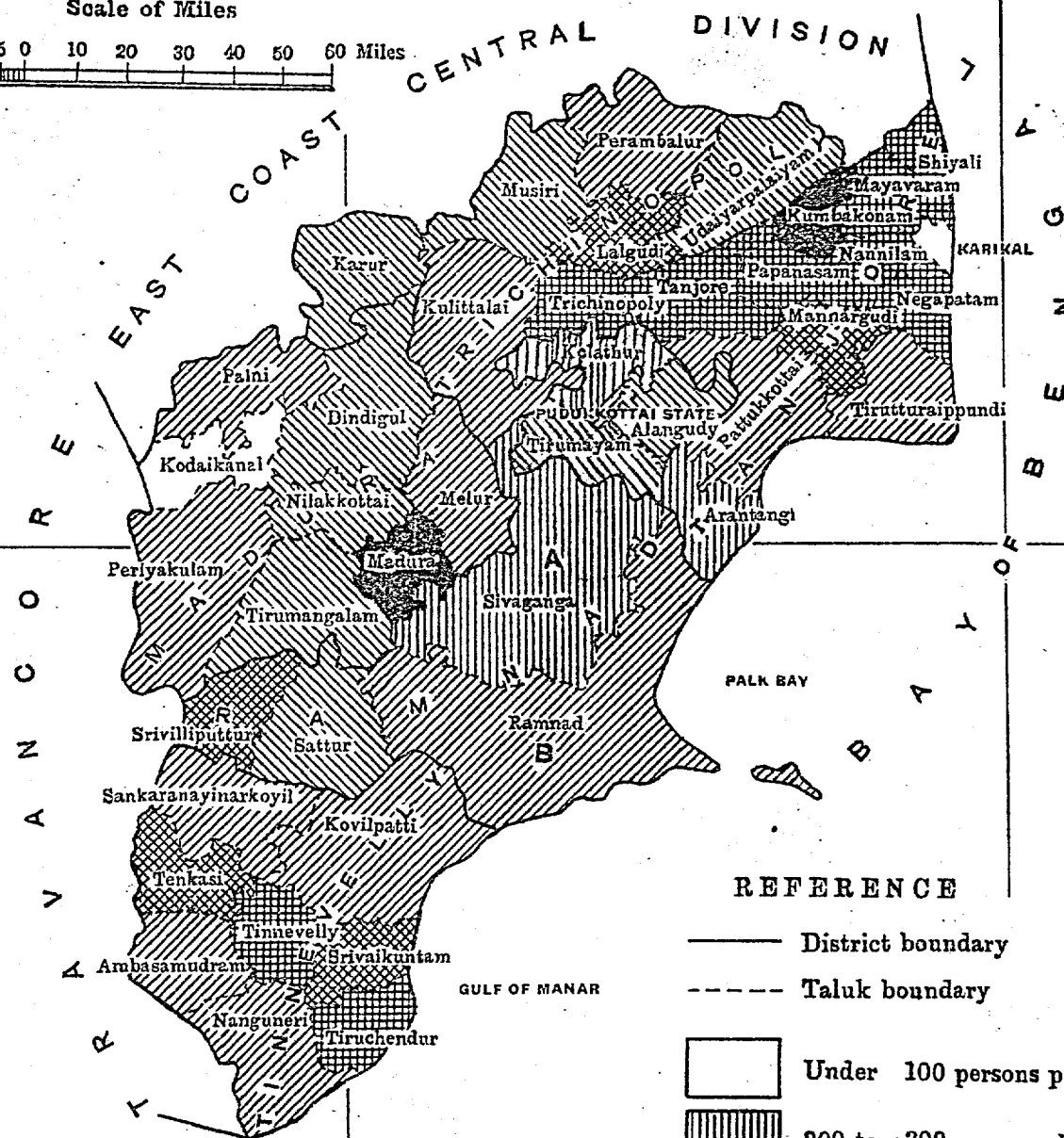
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MAP  
of the  
**EAST COAST SOUTH DIVISION**

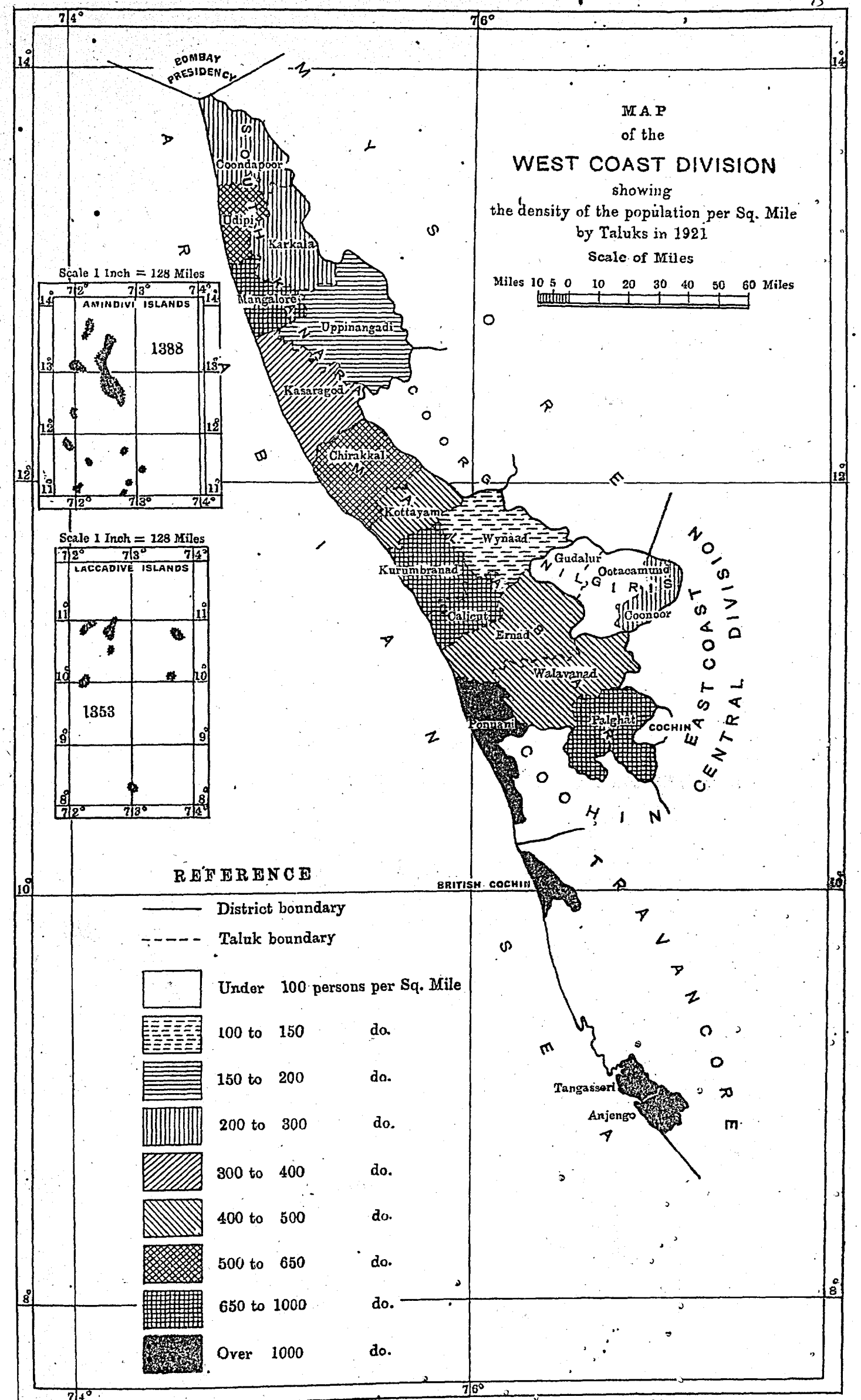
showing  
the density of the population per Sq. Mile  
by Taluks and Divisions in 1921

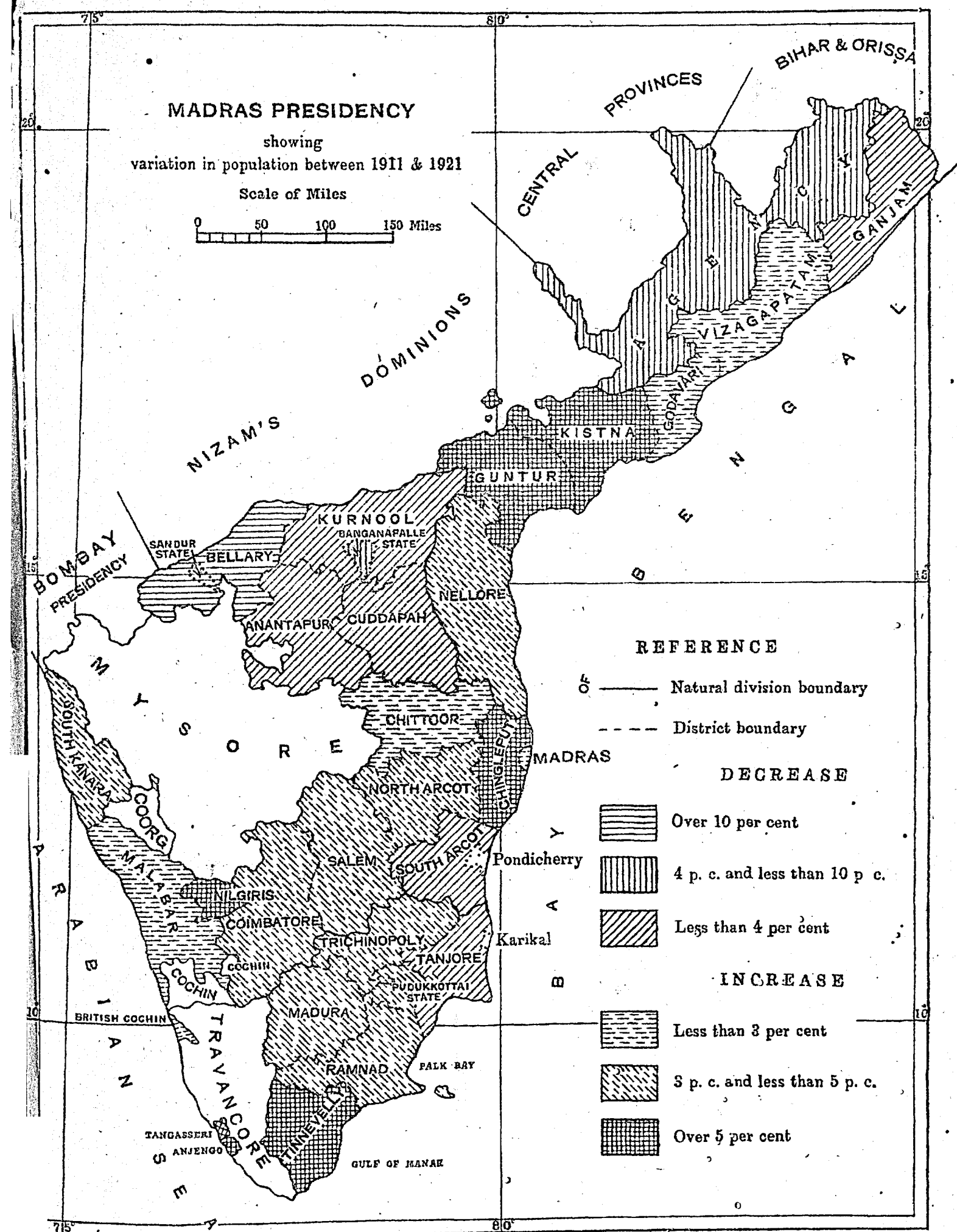
Scale of Miles

Miles 10 5 0 10 20 30 40 50 60 Miles



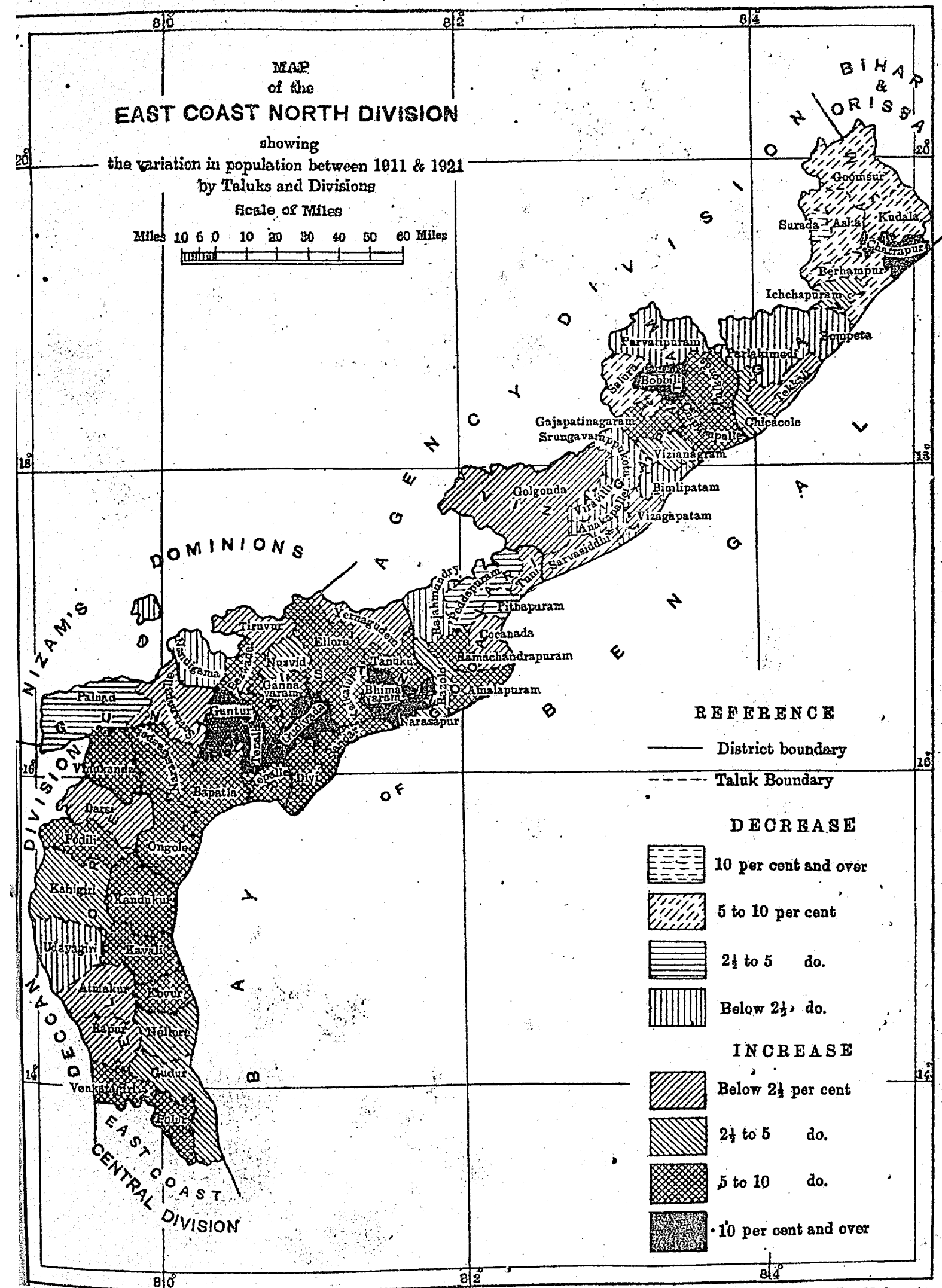
A Includes Tiruppattur  
B " Aruppukkottai, Mudukulattur  
Paramagudi & Tiruvadanai



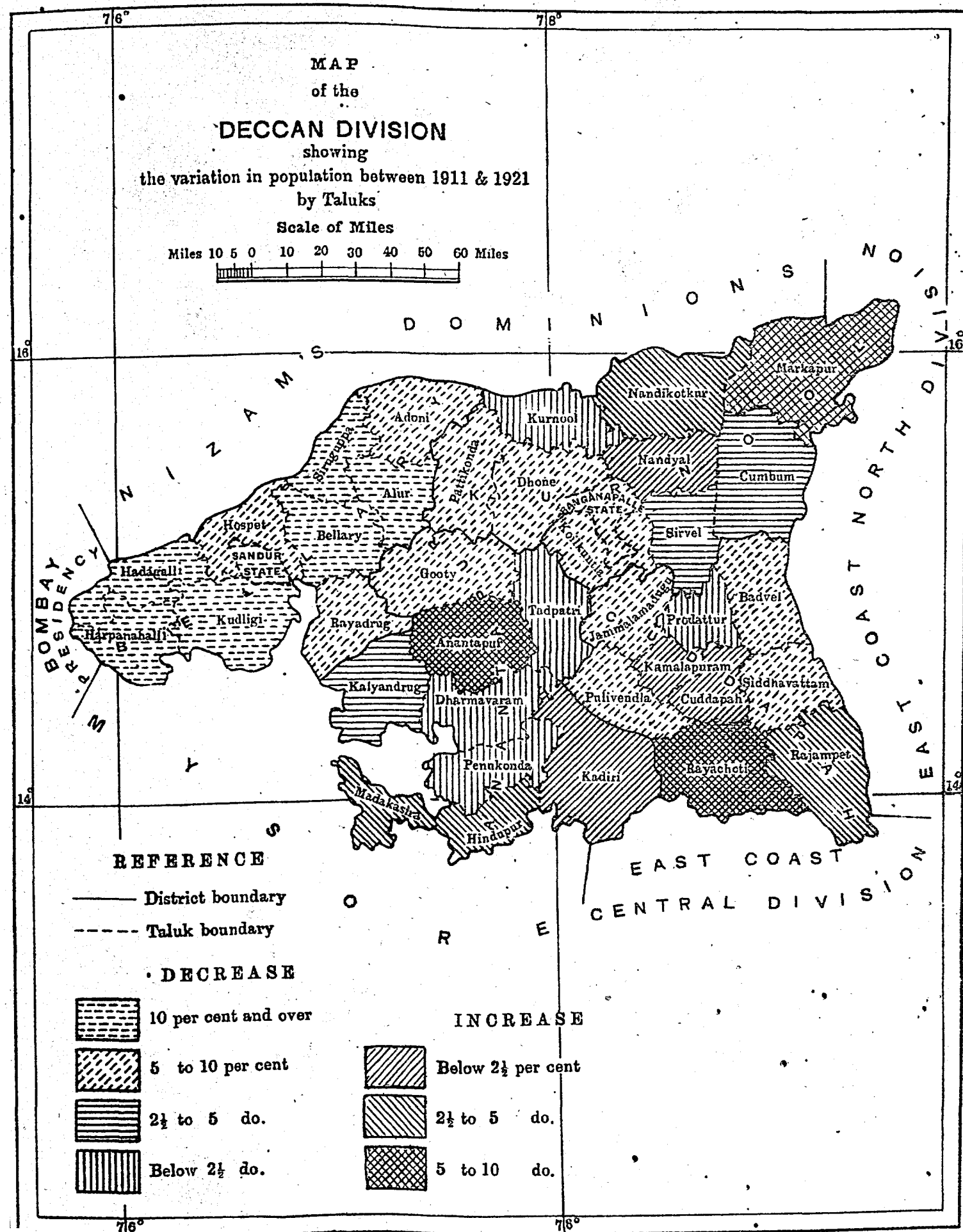


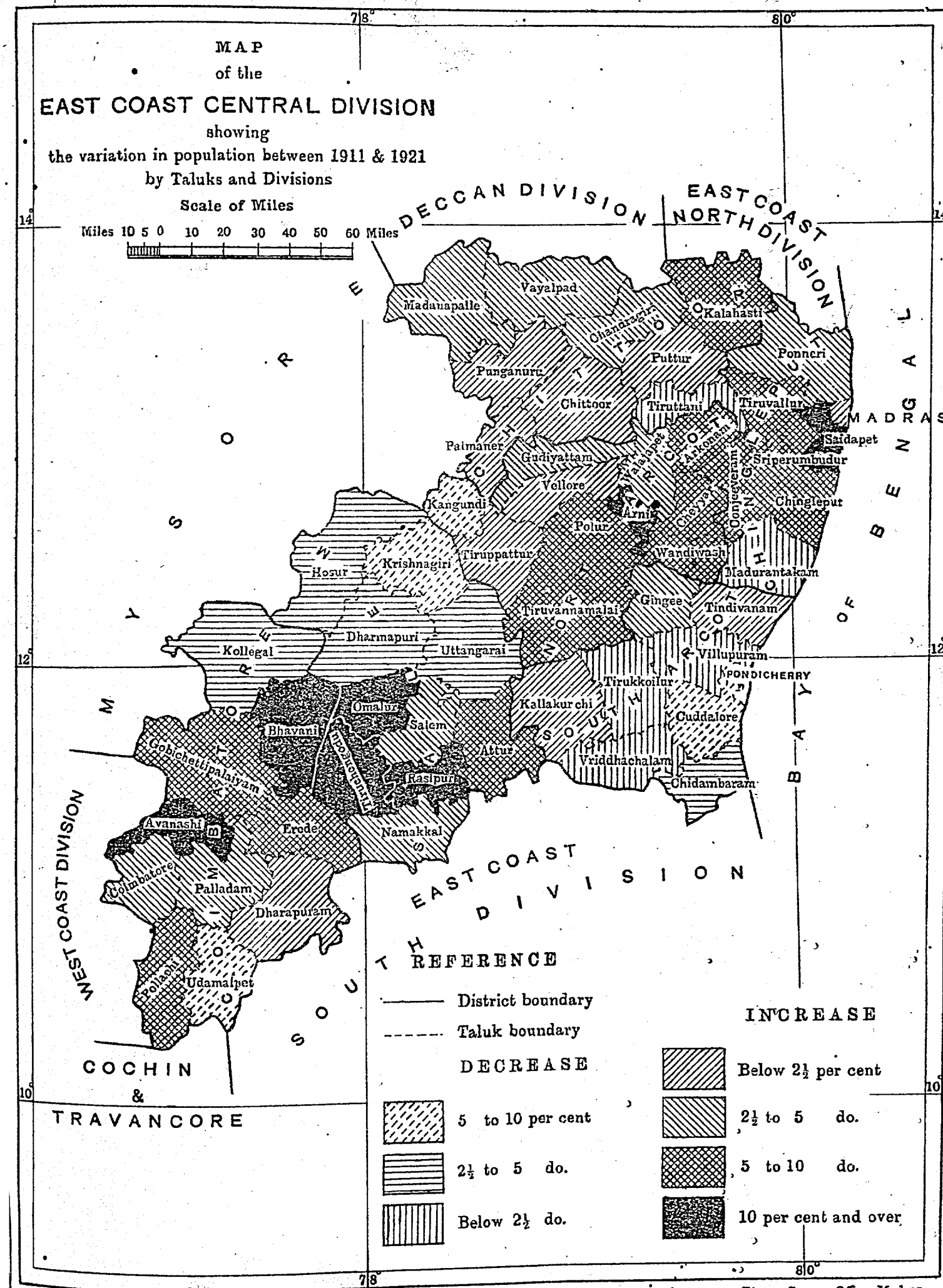








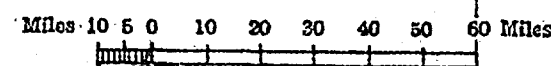




MAP  
of the  
**EAST COAST SOUTH DIVISION**

showing  
the variation in population between 1911 & 1921  
by Taluks and Divisions

### Scale of Miles



Scale of Miles

0 10 20 30 40 50 60 Miles

EAST COAST

CENTRAL DIVISION

Karur

Pudukkottai

Tiruchinopoly

Tanjore

Palani

Perambalur

Kumbakonam

Nann

Papannasam

Mannargudi

A detailed map of the Pudukkottai District, showing its various taluqs and surrounding areas. The district is divided into several taluqs, each represented by a different hatching pattern. The taluqs shown are: Kolattur (top right), Pudukkottai State (top center), Alangudi (top center), Tirumayan (top center), Arantangi (top right), Melur (center), Nilakottai (center), Madura (center), Sivaganga (bottom center), Tirumangalam (bottom center), Periyakulam (bottom left), and Ponnaiyandur (bottom left). The district is bordered by the Palk Bay to the south and the Coromandel Coast to the west. The map also shows the boundaries of the Pudukkottai State and the Tirumayan taluq.

Map of the Tamil Nadu coast showing the Gulf of Manar and various districts. The map includes labels for Srivilliputhur, Sankaranarayanaikoyil, Tenkasi, Ambasamudram, Tinnevely, Srivilliputhur, Nanguneri, Tiruchendur, and Sarnad. The Gulf of Manar is labeled. The map also shows the coastline and the Bay of Bengal to the east. A legend in the bottom right corner shows two types of hatching: horizontal lines for one district and vertical lines for another.

|                               |                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------|
| includes Tiruppattur          |  |
| " Aruppukkottai, Mudukulattur |  |
| Paramagiidi & Tiruvadantai    |  |
|                               |  |
|                               |  |

## REFERENCE

District boundary

**Taluk boundary**

DECREASE

2½ to 5 per cent

Below 2½ do.

**INCREASE**

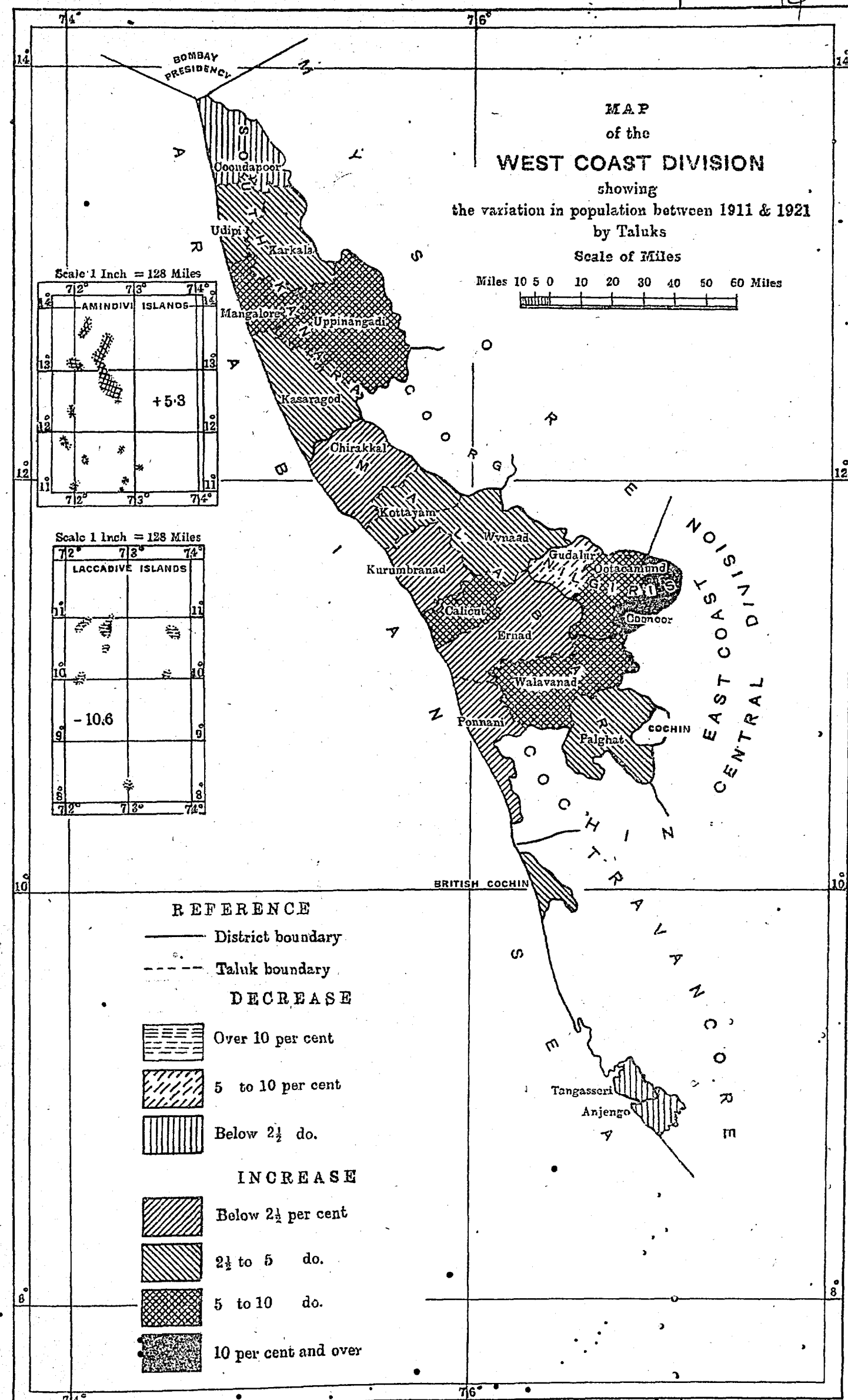
Below  $2\frac{1}{2}$  per cent

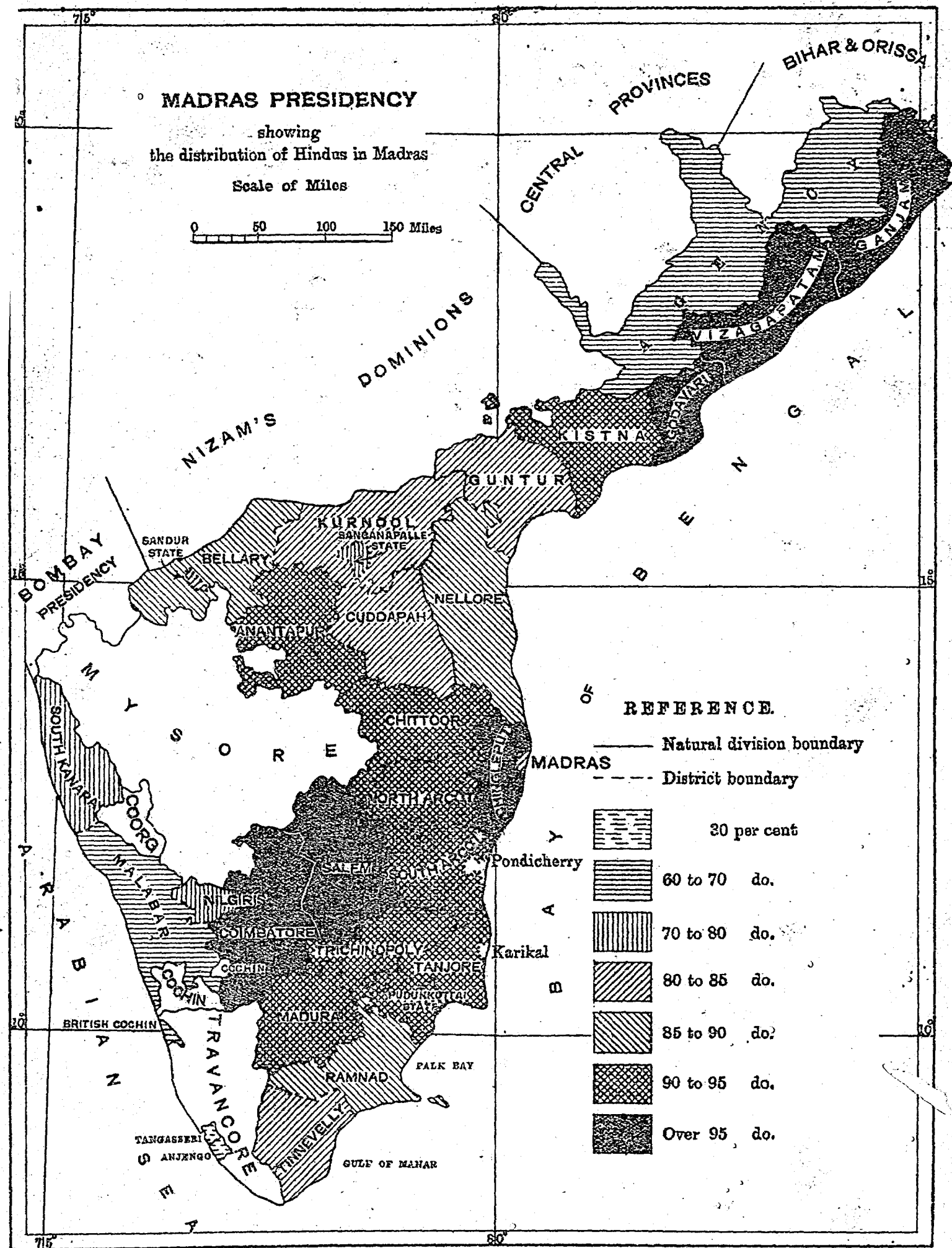
2½ to 5 do.

5 to 10 do.

10 per cent and over

A Includes Tiruppattur  
B " Aruppulkottai, Mudukulattur  
Paramagudi & Tiruvadanai



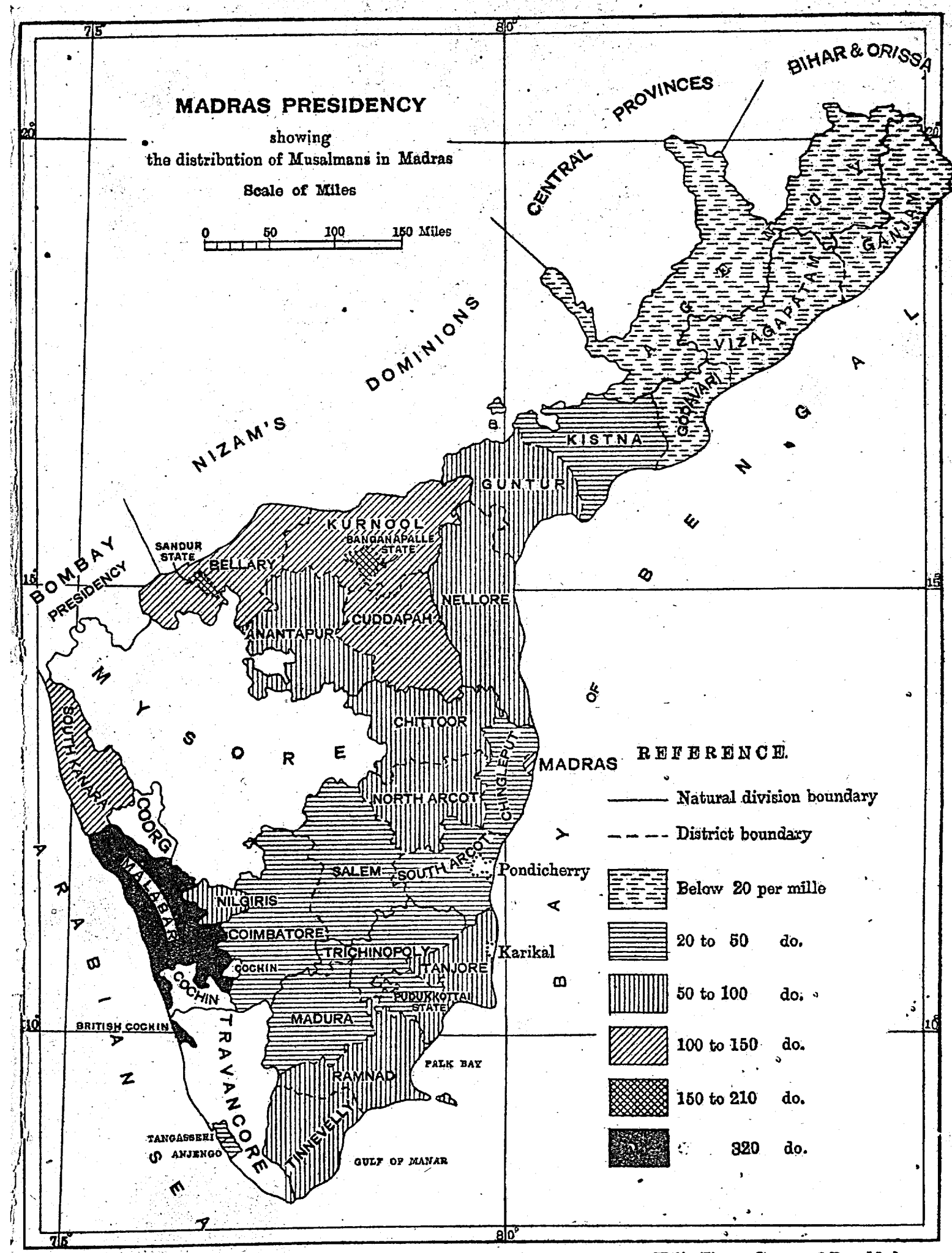


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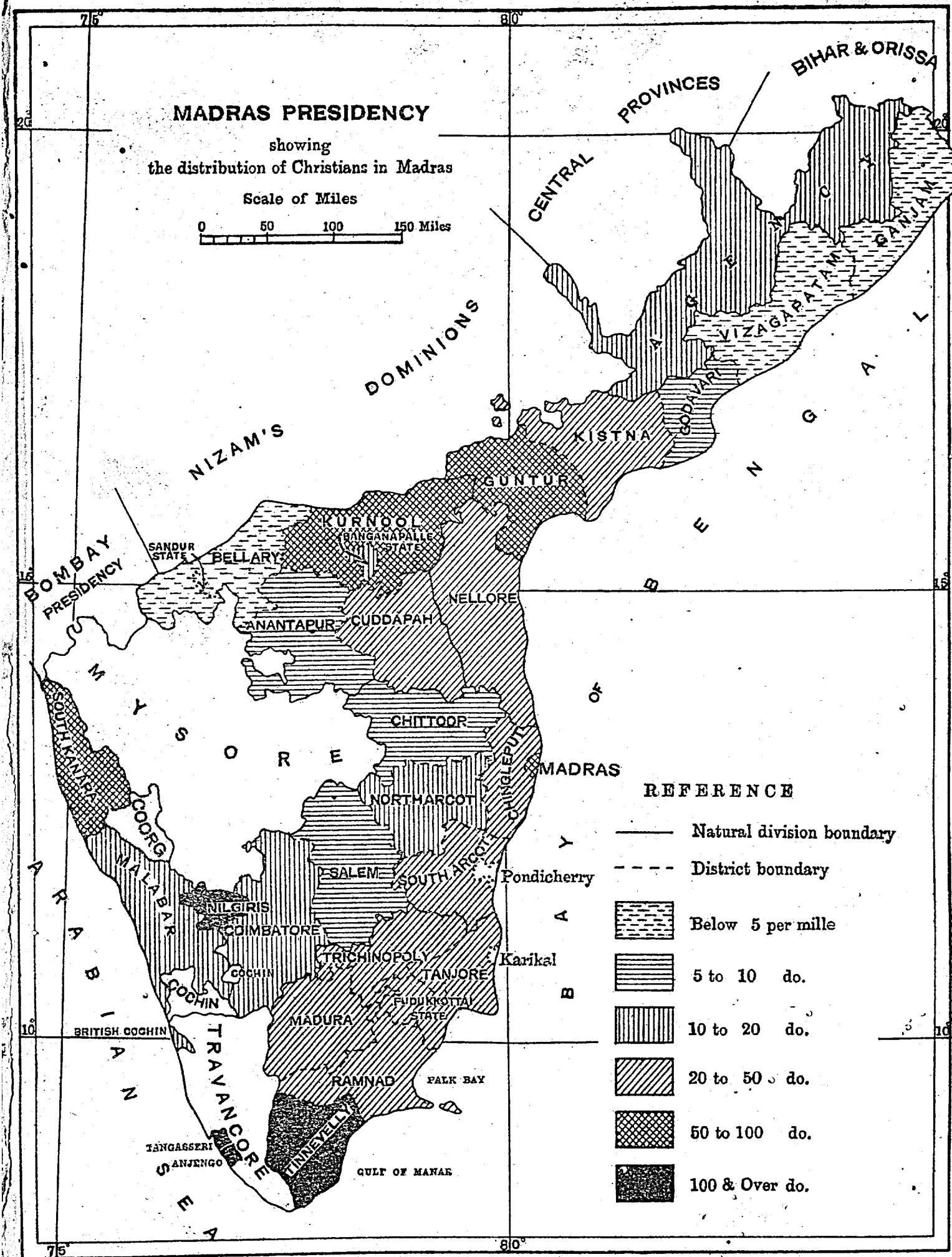




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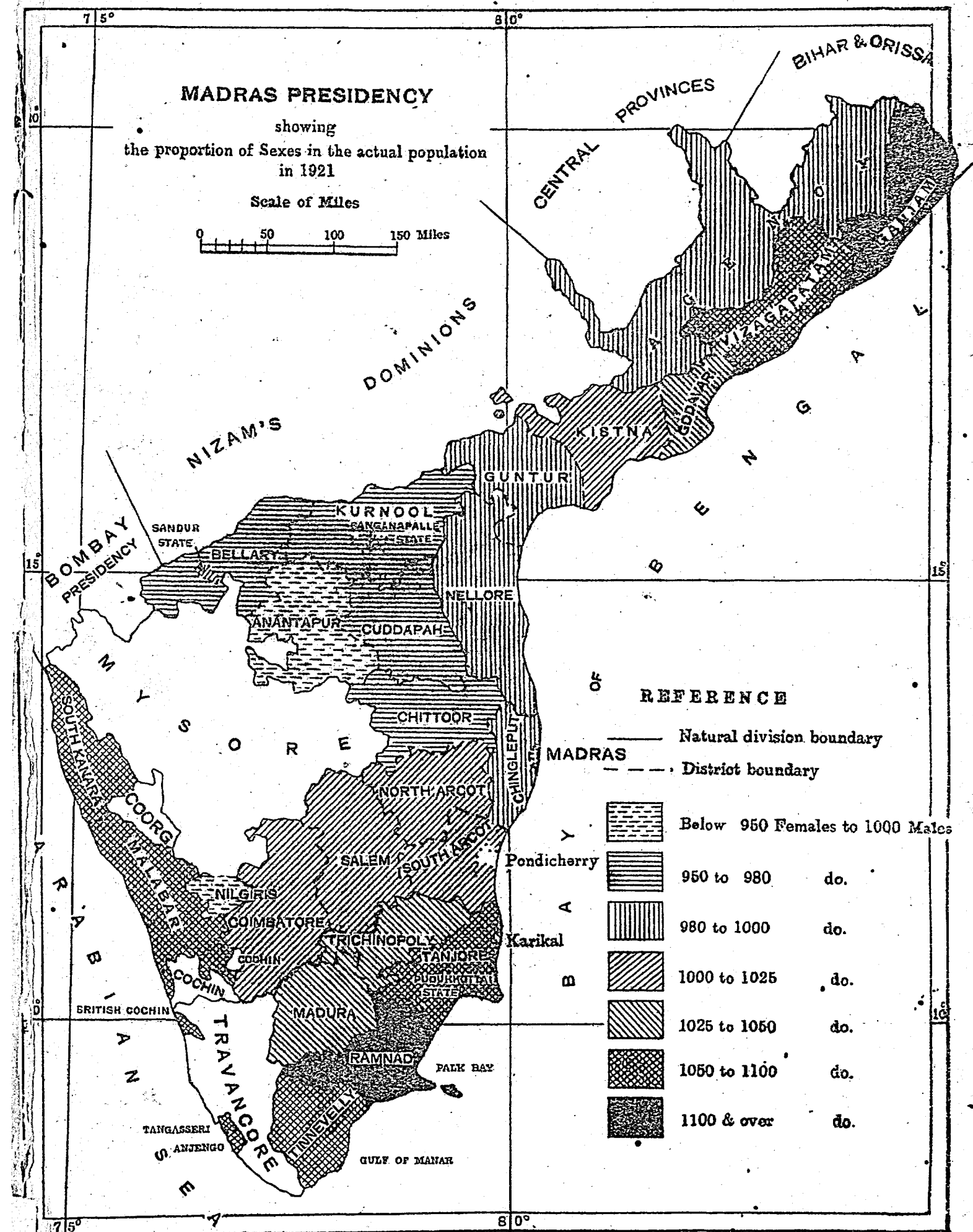
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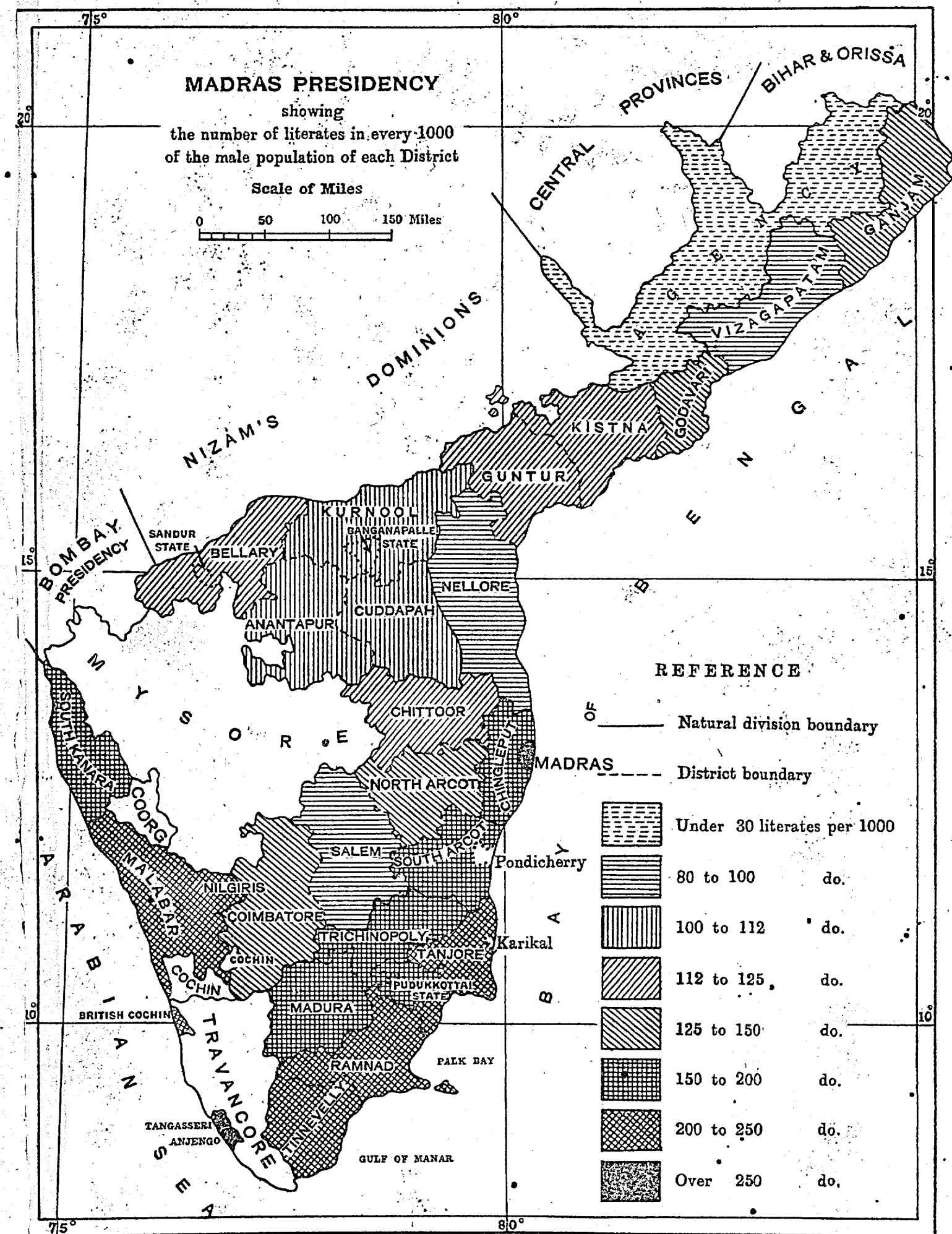
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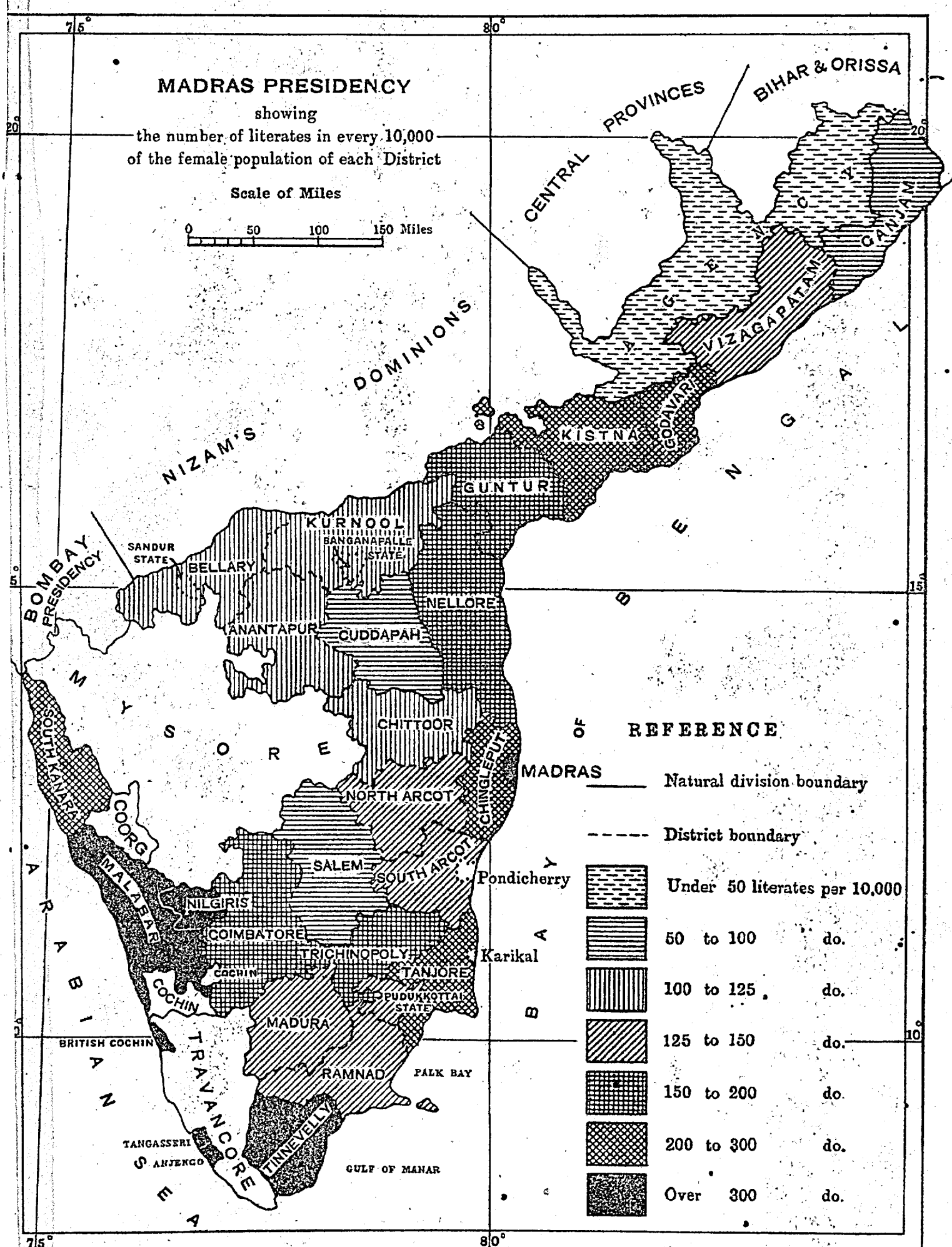
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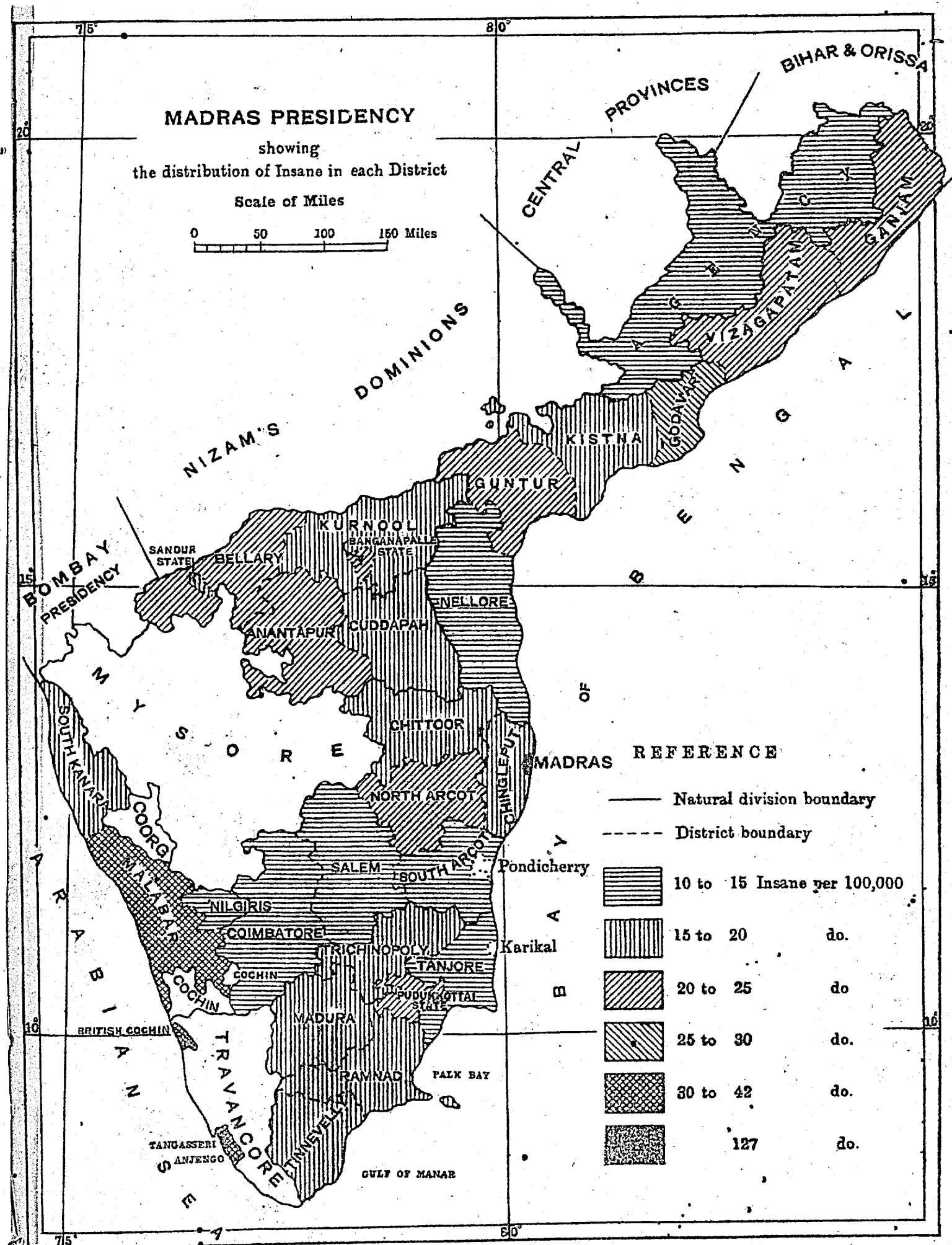


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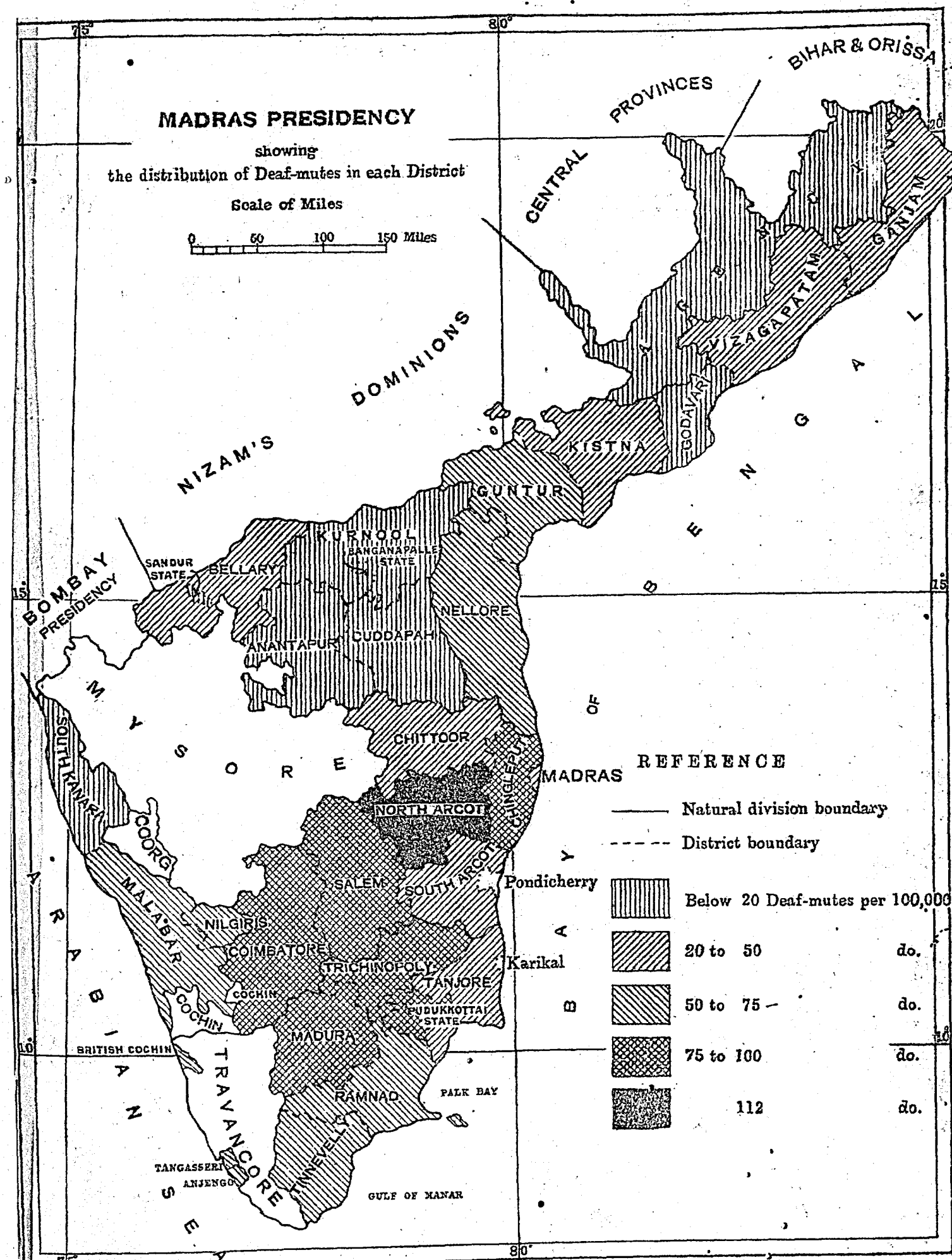
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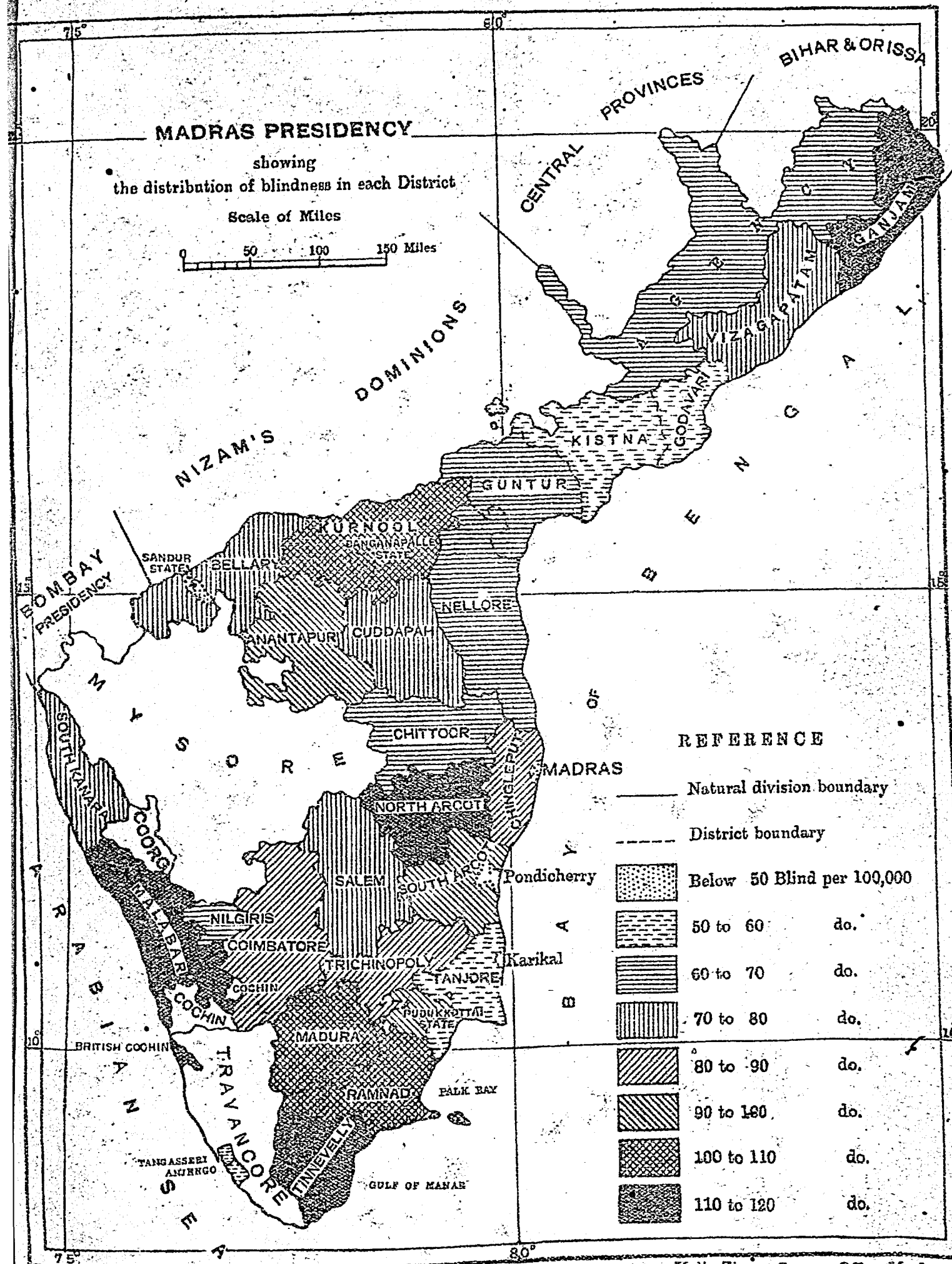








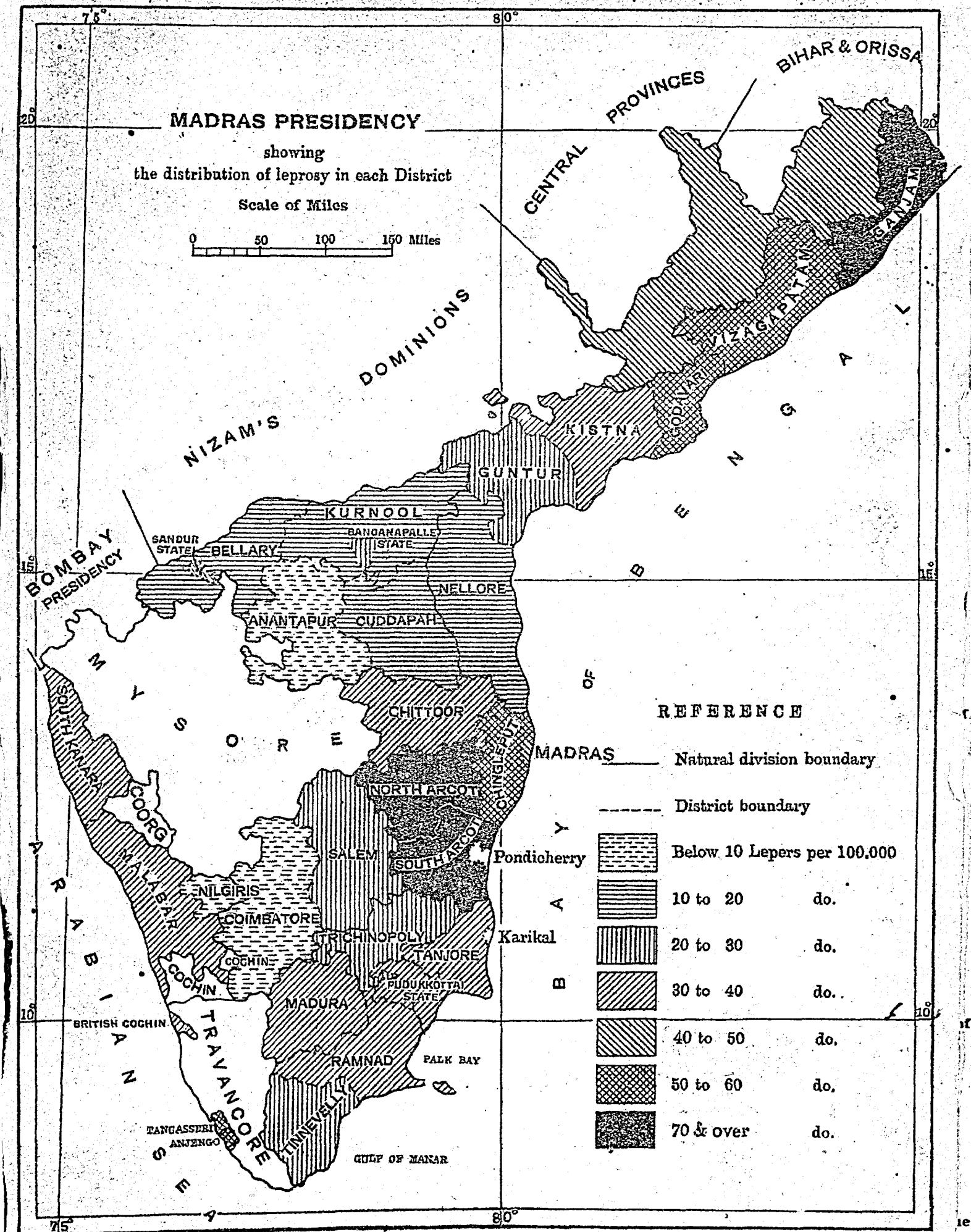




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1881, when the Presidency was suffering from the effects of the great famine of 1877-78, as shown by the following table :—

Population at each census since 1871.

|             | Population. |            |            | Variation since last census. | Decennial variation per cent of population. |
|-------------|-------------|------------|------------|------------------------------|---------------------------------------------|
|             | Persons.    | Males.     | Females.   |                              |                                             |
| 1871 ... .. | 31,636,276  | 15,893,962 | 15,742,314 | ...                          | ...                                         |
| 1881 ... .. | 31,181,940  | 15,426,698 | 15,755,242 | — 454,336                    | — 1·6                                       |
| 1891 ... .. | 36,064,408  | 17,828,047 | 18,236,361 | + 4,882,468                  | + 15·7                                      |
| 1901 ... .. | 38,653,558  | 19,054,012 | 19,599,546 | + 2,589,150                  | + 7·2                                       |
| 1911 ... .. | 41,870,160  | 20,606,008 | 21,264,152 | + 3,216,602                  | + 8·3                                       |
| 1921 ... .. | 42,794,155  | 21,100,158 | 21,693,997 | + 923,995                    | + 2·2                                       |

14. The population is distributed over the natural divisions as shown in the margin ; the three East Coast divisions between them contain 77·4 per cent of the population, 10·5 per cent are in the West Coast districts, 8·6 per cent in the Deccan, and 3·5 per cent in the Agency. Fifty-two per cent of the population are found in the East Coast Central and South divisions which are preponderatingly Tamil ; 34 per cent are contained in the East Coast North and Deccan divisions which, except for parts of Ganjam which are Oriya and the western taluks of Bellary which are mainly Kanarese, constitute the Telugu or Andhra country. Thus the Tamil country has a distinct numerical superiority over any other part of the Presidency.

Distribution by natural divisions

|                           | Population. | Per cent of total population. |
|---------------------------|-------------|-------------------------------|
| Agency ... ..             | 1,496,358   | 3·5                           |
| East Coast North ... ..   | 10,866,740  | 25·4                          |
| Deccan ... ..             | 3,669,463   | 8·6                           |
| East Coast Central ... .. | 11,998,687  | 28·0                          |
| East Coast South ... ..   | 10,286,231  | 24·0                          |
| West Coast ... ..         | 4,478,676   | 10·5                          |

15. Nine districts now contain a population over 2,000,000 each, as against only six in 1911. Trichinopoly district which in 1911 had 2,107,029 inhabitants has now only 1,902,838 on account of the transfer of Nāmakkal taluk back to Salem which brings Salem over the 2,000,000 limit. The districts of Kistna, North Arcot and Madura have by a natural increase of population gained their place in the list. It may be noticed that of these nine districts, no less than six belong to the Tamil country, two are Telugu, and one is Malayalam. Except the four Deccan districts, Madras, the Nilgiris and Anjengo, each of the other British districts has a population ranging between 1 and 2 millions. The average population of a British district is 1,567,370.

Population of districts

| District.          | Population. |
|--------------------|-------------|
| Malabar ... ..     | 3,098,871   |
| Tanjore ... ..     | 2,326,265   |
| South Arcot ... .. | 2,320,085   |
| Vizagapatam ... .. | 2,231,874   |
| Coimbatore ... ..  | 2,219,848   |
| Kistna ... ..      | 2,133,314   |
| Salem ... ..       | 2,112,034   |
| North Arcot ... .. | 2,055,594   |
| Madura ... ..      | 2,007,082   |

16. Of 244 taluks under British rule, 1 (Ponnāni in Malabar district) has a population over 500,000 ; 3 (2 in Malabar and 1 in Madura) have between 400,000 and 500,000 inhabitants ; 17 number between 300,000 and 400,000, of which 3 are in Malabar, and 13 in the Tamil country ; of 66 taluks with between 200,000 and 300,000 inhabitants each, 4 are on the West Coast, 16 are in the East Coast North division, and the rest in the East Coast Central and South divisions. Of the remaining taluks 98 have a population above 100,000 and 59 have less than 100,000 each. The average population of a taluk in British territory is 173,226.

Population of taluks

17. Before proceeding to investigate and discuss the density and movement of the population it is desirable to survey briefly the circumstances during the

Influences affecting the population

past decade which have exerted an influence, favourable or the reverse, on the population.

The past decade: the seasons

18. The early years of the decade 1911-1921 were in the main favourable to cultivation and to the prosperity of the country. The monsoons on the whole were adequate and generally speaking crops matured satisfactorily. The annual rainfall was sufficient every year, though in 1911 and 1913 the south-west, and in 1911 and 1914 the north-east, monsoon gave less rain than the average. The quantity of rain in each year of the decade is shown in the statement below:—

Rainfall in inches.

| Year.                           | South-west monsoon (June to September). | North-east monsoon (October to December). | Dry weather (January to March). | Hot weather (April and May). |
|---------------------------------|-----------------------------------------|-------------------------------------------|---------------------------------|------------------------------|
| Average of 46 years ending 1915 | 25.13                                   | 14.40                                     | 1.37                            | 3.90                         |
| 1911                            | 22.24                                   | 14.12                                     | 0.64                            | 2.96                         |
| 1912                            | 26.25                                   | 16.55                                     | 0.49                            | 3.43                         |
| 1913                            | 21.27                                   | 17.18                                     | 0.46                            | 4.10                         |
| 1914                            | 28.81                                   | 14.01                                     | 4.33                            | 3.31                         |
| 1915                            | 26.93                                   | 15.64                                     | 0.17                            | 3.13                         |
| 1916                            | 29.77                                   | 16.92                                     | 2.70                            | 3.35                         |
| 1917                            | 29.52                                   | 15.12                                     | 3.33                            | 6.13                         |
| 1918                            | 16.27                                   | 15.87                                     | 1.91                            | 3.90                         |
| 1919                            | 25.70                                   | 18.06                                     | 3.63                            | 3.79                         |
| 1920                            | 21.55                                   | 17.39                                     | 3.39                            | 3.39                         |
| Average for the decade          | 24.83                                   | 16.09                                     | 2.11                            | 3.75                         |

Some damage was caused by floods in a few districts in 1911, 1912, 1913 and 1916, and cyclones did great havoc in the districts of Ganjam (1911 and 1914), Vizagapatam (1914) and South Arcot (1916). The year 1918-19, however, was most unfavourable. The south-west monsoon was a general failure being short in every district. On this account the area under cultivation at the end of this monsoon was everywhere below the average of the previous years; but the deficiency was most striking in the Deccan, where dry cultivation was 78 per cent and wet cultivation 73 per cent below the average of the previous five years. The situation was rendered worse by the delay of the north-east monsoon. The area cropped fell from nearly 39 million acres in 1917 to a little over 36 millions in 1918-19 and of the area cropped unirrigated land yielded little or nothing. The following statement shows the area under each of the principal crops in each year of the decade:—

Statement showing areas of principal food and commercial crops (in thousands of acres).

|                          | 1911-12. | 1912-13. | 1913-14. | 1914-15. | 1915-16. | 1916-17. | 1917-18. | 1918-19. | 1919-20. | 1920-21. |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>Food crops—</b>       |          |          |          |          |          |          |          |          |          |          |
| Paddy                    | 10,289   | 10,944   | 10,678   | 10,876   | 11,230   | 11,533   | 11,655   | 10,469   | 11,648   | 11,096   |
| Cholam                   | 5,163    | 5,220    | 5,790    | 5,102    | 5,525    | 4,761    | 4,890    | 5,089    | 5,498    | 5,222    |
| Gumbu                    | 3,384    | 3,606    | 3,273    | 3,482    | 3,673    | 3,410    | 3,309    | 3,030    | 3,265    | 3,012    |
| Ragi                     | 2,443    | 2,600    | 2,489    | 2,432    | 2,529    | 2,399    | 2,492    | 2,386    | 2,479    | 2,541    |
| <b>Commercial crops—</b> |          |          |          |          |          |          |          |          |          |          |
| Gingelly                 | 887      | 824      | 809      | 861      | 823      | 779      | 832      | 681      | 881      | 753      |
| Groundnut                | 1,299    | 1,456    | 1,605    | 1,866    | 1,136    | 1,796    | 1,415    | 1,001    | 1,144    | 1,600    |
| Castors                  | 575      | 544      | 518      | 463      | 561      | 548      | 489      | 396      | 475      | 391      |
| Sugarcane                | 108      | 99       | 84       | 74       | 95       | 114      | 127      | 123      | 93       | 103      |
| Cotton                   | 2,676    | 2,389    | 2,697    | 2,087    | 2,060    | 2,168    | 2,700    | 3,133    | 2,339    | 2,122    |
| Indigo                   | 90       | 67       | 55       | 72       | 222      | 460      | 324      | 144      | 101      | 112      |
| Tobacco                  | 192      | 208      | 203      | 227      | 216      | 203      | 208      | 236      | 228      | 201      |
| Total                    | 27,114   | 27,955   | 28,206   | 27,542   | 28,070   | 28,176   | 28,441   | 26,668   | 28,151   | 27,153   |
| Total cultivated area    | 37,380   | 39,120   | 38,344   | 39,090   | 39,175   | 39,052   | 38,821   | 36,047   | 38,210   | 37,553   |

The tracts worst affected were the East Coast North and Deccan divisions and the districts of Chittoor and Salem. It was only in the Ganjam and Kistna districts, however, that famine relief had to be undertaken, and in Kistna district the distress was very slight and confined to part of one taluk. In Ganjam there was severe distress over more than 1,000 square miles; and at the worst period, in October 1919, the number in receipt of daily relief was over 150,000.

19. The latter half of the decade was marked by a rise in prices due to the world shortage of food supplies consequent on the war. As always happens, the interval between the rise in prices and the rise in wages which inevitably followed, was marked by considerable distress amongst the labouring population. The rise in the price of the principal food-grains is illustrated clearly in the following statement:—

Prices of staple food-grains.

(In terms of Imperial seers of 80 tolas per rupee.)

| Year.                           | Rice. | Ragi. | Cholam. | Cumbu. |
|---------------------------------|-------|-------|---------|--------|
| Average of 15 years ending 1910 | 10.2  | 17.8  | 17.4    | 16.8   |
| 1911                            | 9.3   | 15.7  | 14.6    | 15.1   |
| 1912                            | 7.5   | 13.5  | 12.5    | 12.2   |
| 1913                            | 7.4   | 13.5  | 12.7    | 12.6   |
| 1914                            | 7.7   | 13.8  | 13.5    | 12.9   |
| 1915                            | 8.2   | 15.1  | 14.8    | 14.3   |
| 1916                            | 7.9   | 14.8  | 14.6    | 13.6   |
| 1917                            | 7.8   | 14.0  | 12.6    | 12.9   |
| 1918                            | 6.9   | 12.0  | 9.9     | 10.5   |
| 1919                            | 4.7   | 6.9   | 6.5     | 6.6    |
| 1920                            | 4.6   | 6.7   | 6.6     | 6.4    |
| Average of 1911-1920            | 7.2   | 12.6  | 11.8    | 11.7   |

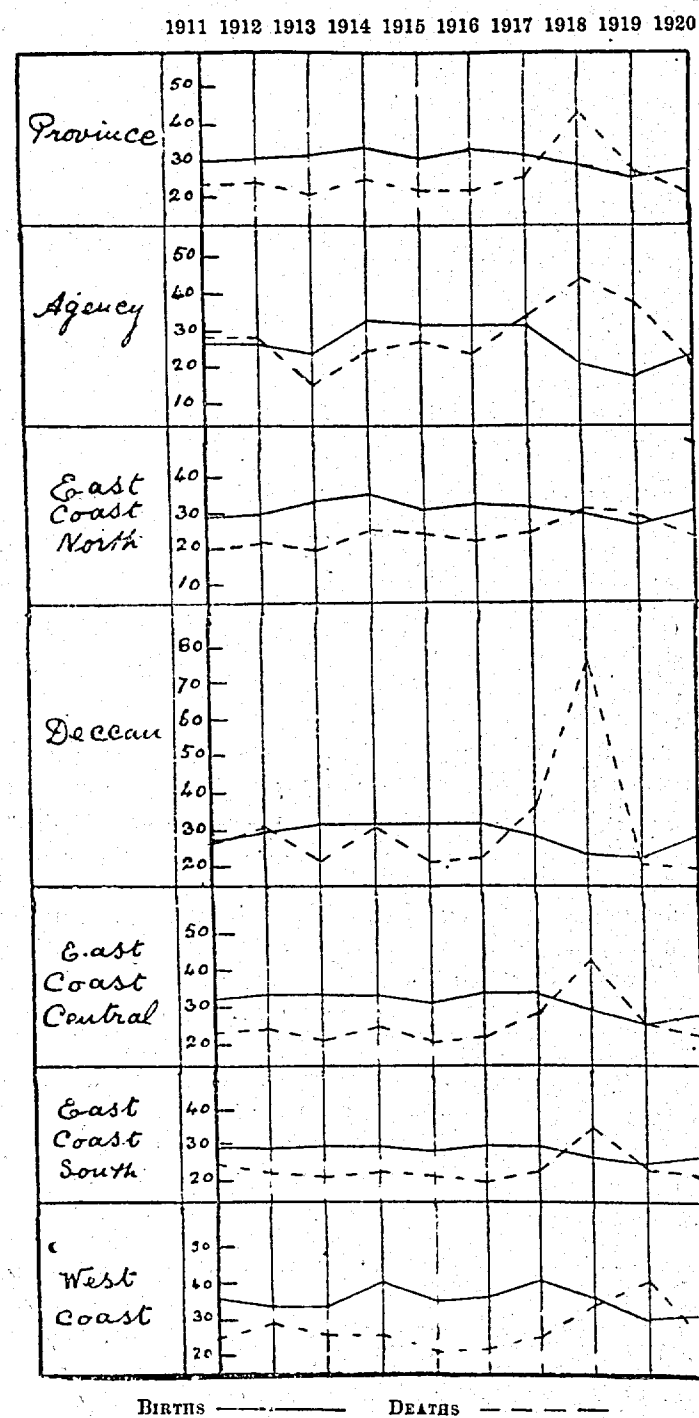
20. The public health of the decade follows the same course as the rainfall and the prices, that is to say, during the early years of the decade and up to 1917 conditions were generally favourable, though in 1914 the death-rate was above the average owing to cholera which was prevalent in all parts of the Presidency except the Agency and the West Coast divisions. The mortality due to certain diseases, such as cholera, small-pox, fever, dysentery and plague are set out in a subsidiary statement at the end of Chapter V of this report, where also will be found a statement illustrating the birth and death rates of the various divisions of the Presidency. These rates for the Presidency as a whole are noted in the margin. The most striking feature of them is that, while in 1917, the birth-rate of the Presidency was 32.4 per mille and the death-rate was 26.2 per mille, in 1918 the birth-rate fell to 28.9 per mille, while the death-rate rose to 43.1 per mille. This sudden shock to the population of the Presidency was due to the epidemic of influenza which broke out in July 1918 and rapidly spread all over the Presidency until it reached its climax in the months of October, November and December of that year. It is difficult to ascertain the

Public health

|      | Birth-rate per mille. | Death-rate per mille. |
|------|-----------------------|-----------------------|
| 1911 | 30.4                  | 23.1                  |
| 1912 | 30.9                  | 24.3                  |
| 1913 | 32.2                  | 21.4                  |
| 1914 | 33.5                  | 24.9                  |
| 1915 | 31.2                  | 22.0                  |
| 1916 | 32.5                  | 21.9                  |
| 1917 | 32.4                  | 26.2                  |
| 1918 | 28.9                  | 43.1                  |
| 1919 | 25.5                  | 27.2                  |
| 1920 | 28.4                  | 21.8                  |

exact number of deaths due to this cause; most of the deaths from influenza were recorded as due to fever; but there is no doubt that many of them were shown under the head of the "respiratory" diseases and so forth. The epidemic died down in the early months of 1919, but reappeared about the middle of the year, when, however, its ravages were neither so widespread nor so fatal as in the previous year. In spite of high prices which still continued everywhere there was a slight recovery in 1919 except in the West Coast division where a severe visitation of cholera and dysentery sent the death-rate up even higher than it had been in 1918. The birth and death rates for each natural division are compared in the following diagram, which shows clearly what a disastrous year 1918 was, and how it affected the Deccan worse than any other part of the Presidency:—

Diagram showing the yearly number of births and deaths per mille in each natural division.



21. The question has been asked why both the birth and death rates in Madras are lower than in any other part of India. The average birth and death rates per mille during the last decade in each of the principal provinces of India are given in the margin. It will be seen that the provinces in which the rates are highest are the Central Provinces, the Punjab and the United Provinces.

| Province.                     | Birth-rate. | Death-rate. |
|-------------------------------|-------------|-------------|
| Assam ... ..                  | 32.3        | 31.3        |
| Bengal ... ..                 | 32.8        | 31.1        |
| Bihar and Orissa ... ..       | 38.8        | 35.2        |
| Bombay ... ..                 | 34.2        | 36.9        |
| Barma ... ..                  | 33.5        | 27.6        |
| Central Provinces ... ..      | 45.5        | 44.2        |
| Delhi ... ..                  | 48.1        | 43.0        |
| Madras ... ..                 | 30.7        | 25.6        |
| North-West Frontier Province. | 32.8        | 30.3        |
| Punjab ... ..                 | 43.8        | 36.6        |
| United Provinces ... ..       | 42.2        | 40.2        |

In 1911 the number of married women aged 15-40 to 100 women of all ages in these three provinces was 36, 34 and 35 against only 32 in Madras; while the proportion of children to 100 females aged 15-40 in the three provinces was 160, 183 and 150 as compared with 165 in Madras. It appears thus that Madras contains a smaller proportion of married women of reproductive age, though its proportion of children to women of that age is slightly higher. Again the number of female deaths per thousand male deaths during age-periods 5-15 and 15-30 shows that the mortality of women before and at the child-bearing ages is considerably higher in Madras than in any other province.

Average number of female deaths per 1,000 male deaths.

| Province.                | Age-period. | 5-15. | 15-30. |
|--------------------------|-------------|-------|--------|
| Central Provinces ... .. | ...         | 881   | 1,100  |
| Punjab ... ..            | ...         | 1,055 | 1,010  |
| United Provinces ... ..  | ...         | 897   | 1,080  |
| Madras ... ..            | ...         | 923   | 1,232  |

22. It does not appear that, generally speaking, the registration of births and deaths in the various districts of Madras is badly defective. An attempt has been made to test the figures by taking the number of births in the year 1920, and deducting from them the reported number of deaths of infants below one year of age. The remainder is compared with the population returned at the census as less than one year old. In three districts (Agency, South Arcot and Nellore) the variation is over 20,000 (both sexes together). As regards the Agency the variation is explained by the fact that the registration of vital statistics is in force only in a very limited part of that division. As regards the district of Nellore the Sanitary Commissioner in his annual administration report has noticed the smallness of the returns and has pointed out that they must be incomplete; and a similar explanation must account for the big variation in South Arcot district and also for a smaller though still excessive deficiency in the vital statistics of North Arcot, Coimbatore, Salem, Tanjore, Malabar and South Kanara. But in spite of this there is such a reasonably close approximation of the population as deduced from the vital statistics to the population as ascertained by the census that the whole burden of the variation between the birth and death rates of Madras and those of other parts of India cannot fairly be laid on the incompleteness of the Madras vital statistics.

23. Another possible explanation for the variation is the constant emigration from Madras of males at the reproductive ages. It is also possible that the universal custom in Madras of intermarriage of cousins may affect injuriously the reproductive powers of the people. Other things being equal a low death-rate is a natural consequence of a low birth-rate. Thus the lowness of the birth and death rates of Madras compared with the rates reported in certain other provinces of India, is mainly due to (1) the smaller proportion of married women at reproductive ages; (2) a great excess of deaths of women at these ages; (3) a constant flow of emigration on the part of males at these ages; and (4) possibly in some measure to constant in-breeding.

24. As we have seen, the census of 1921 has given an increase of 923,995, 494,150 males and 429,845 females, over that of 1911. The interval between the census was 8 days more than 10 years; the date in 1911 was March 10th and in 1921 March 18th. The statistics of birth and death are compiled by calendar years; but for all practical purposes this difference of dates may be ignored.



The variation according to the vital statistics compares as shown in the margin with that arrived at by the census. The difference is considerable and exceeds that in any other province of India except the United Provinces and Bihar and Orissa. The circumstances which have contributed to it are (1) the fact that vital statistics are not registered in all parts of the Presidency, e.g., in most of the Agency; (2) defective registration of deaths during epidemics of influenza, cholera and plague; (3) extensive emigration induced by bad seasons at the close of the decade. Subsidiary table 5 gives the comparison for each district, and for the natural as well as the actual population. From it we see that about 369,000 or more than one-third of the difference is accounted for by emigration; and in fact more than this number will be accounted for in this way when the returns of persons born in Madras and enumerated out of India are complete.

| Increase according to | Persons.  | Males.    | Females. |
|-----------------------|-----------|-----------|----------|
| Vital statistics ...  | 2,000,446 | 1,083,934 | 916,512  |
| Census ...            | 923,995   | 494,150   | 429,845  |
| Difference ...        | 1,076,451 | 589,784   | 486,667  |

#### The influenza epidemic

25. We must now revert to the subject of influenza, and make an attempt to estimate its effect in different parts of the Presidency. The statement in the margin compares for each natural division the death-rate from fever in 1918 with the average death-rate of the five years 1913-1917.

| Natural division.    | Average death-rate by fever from 1913-1917. | Death-rate by fever in 1918. | Percentage increase. |
|----------------------|---------------------------------------------|------------------------------|----------------------|
| Madras Presidency... | 7.4                                         | 22.4                         | 202.7                |
| Agency ...           | 18.5                                        | 35.4                         | 91.4                 |
| East Coast North ... | 12.6                                        | 25.7                         | 104.0                |
| Deccan ...           | 8.7                                         | 50.8                         | 483.9                |
| East Coast Central.  | 4.3                                         | 19.9                         | 362.8                |
| East Coast South ... | 4.6                                         | 13.4                         | 191.3                |
| West Coast ...       | 7.8                                         | 15.9                         | 103.8                |

condition, to suggest that in point of fact the Agency division suffered just as much as the Deccan. This does not appear from the vital statistics, because registration is enforced only in a very small portion of the Agency division. In 16 out of the 27 districts of the Madras Presidency, the death-rate from fever rose in the year 1918 by over 100 per cent. These 16 districts are—

|                 |         |                  |       |
|-----------------|---------|------------------|-------|
| Vizagapatam ... | 116.6   | Chingleput ...   | 372.9 |
| Kistna ...      | 121.3   | North Arcot ...  | 706.9 |
| Guntūr ...      | 105.0   | Coimbatore ...   | 617.9 |
| Cuddapah ...    | 246.9   | South Arcot ...  | 118.4 |
| Kurnool ...     | 245.5   | Tanjore ...      | 385.7 |
| Bellary ...     | 1,328.5 | Madura ...       | 253.3 |
| Anantapur ...   | 1,410.0 | Nilgiris ...     | 380.0 |
| Madras ...      | 148.9   | South Kanara ... | 142.7 |

This shows clearly that the districts of Bellary and Anantapur were the worst affected. In Bellary the actual increase in the number of deaths from fever was nearly 55,000, while in Anantapur it was about 41,000. The only other district where there was an increase approximating to these figures is Vizagapatam where it was nearly 47,000.

27. The following statement shows that the epidemic of influenza was more fatal to females than to males.

|                  | Death from fever. |          | Number of female deaths per 1,000 male deaths. | Number of female deaths per 1,000 male deaths in normal years. |
|------------------|-------------------|----------|------------------------------------------------|----------------------------------------------------------------|
|                  | Males.            | Females. |                                                |                                                                |
| Vizagapatam ...  | 44,432            | 46,238   | 1,041                                          | 985                                                            |
| Kistna ...       | 19,034            | 20,253   | 1,064                                          | 953                                                            |
| Guntūr ...       | 20,311            | 21,165   | 1,042                                          | 985                                                            |
| Cuddapah ...     | 17,176            | 17,850   | 1,039                                          | 965                                                            |
| Kurnool ...      | 25,911            | 28,061   | 1,083                                          | 960                                                            |
| Bellary ...      | 27,663            | 31,260   | 1,130                                          | 926                                                            |
| Anantapur ...    | 20,527            | 23,016   | 1,117                                          | 960                                                            |
| Madras ...       | 2,510             | 3,134    | 1,249                                          | 1,070                                                          |
| Chingleput ...   | 11,314            | 13,339   | 1,179                                          | 1,033                                                          |
| North Arcot ...  | 21,421            | 24,457   | 1,142                                          | 1,000                                                          |
| Coimbatore ...   | 21,153            | 21,270   | 1,005                                          | 998                                                            |
| South Arcot ...  | 12,478            | 12,572   | 1,016                                          | 981                                                            |
| Tanjore ...      | 14,459            | 17,869   | 1,243                                          | 1,073                                                          |
| Madura ...       | 15,124            | 15,628   | 1,033                                          | 947                                                            |
| Nilgiris ...     | 1,834             | 2,000    | 1,091                                          | 865                                                            |
| South Kanara ... | 10,017            | 11,770   | 1,175                                          | 1,007                                                          |

The statement gives for each of the 15 districts in which we have seen that influenza was most severely felt, the number of deaths from fever in the year 1918, and the number of female deaths in that year per thousand male deaths as compared with the normal ratio of female to male deaths. It will be seen that in every case the proportion of female deaths is higher in 1918 than the average, and in some districts, for example, the Nilgiris, Bellary, Madras, Tanjore and South Kanara, the variation is very great.

28. It is commonly believed that the influenza epidemic was particularly fatal to persons in the prime of life and not so much so in the case of children and old persons. That this supposition is founded on fact may be seen from the following statement which compares the distribution of 1,000 deaths by certain age-periods in the year 1918 with the average distribution of deaths over the 5-year period 1913-1917:—

|                                    | 0-10.                         |       | 10-20.   |       | 20-40.   |       | 40-50.   |       | 50 and over. |       |
|------------------------------------|-------------------------------|-------|----------|-------|----------|-------|----------|-------|--------------|-------|
|                                    | Average of 5 years 1913-1917. | 1918. | Average. | 1918. | Average. | 1918. | Average. | 1918. | Average.     | 1918. |
| Vizagapatam ...                    | 451                           | 354   | 71       | 116   | 151      | 252   | 77       | 86    | 250          | 200   |
| Cuddapah ...                       | 361                           | 230   | 73       | 111   | 169      | 317   | 92       | 114   | 305          | 228   |
| Kurnool ...                        | 424                           | 246   | 63       | 123   | 156      | 325   | 81       | 97    | 276          | 209   |
| Bellary ...                        | 414                           | 242   | 85       | 156   | 181      | 333   | 76       | 89    | 244          | 160   |
| Anantapur ...                      | 417                           | 260   | 76       | 134   | 172      | 330   | 78       | 92    | 257          | 184   |
| North Arcot ...                    | 490                           | 382   | 68       | 179   | 129      | 229   | 57       | 59    | 256          | 151   |
| Salem ...                          | 474                           | 302   | 74       | 124   | 140      | 290   | 70       | 92    | 242          | 192   |
| Nilgiris ...                       | 500                           | 336   | 66       | 118   | 180      | 341   | 70       | 82    | 174          | 120   |
| South Kanara ...                   | 443                           | 421   | 58       | 116   | 161      | 208   | 76       | 74    | 262          | 181   |
| Average for the nine districts ... | 442                           | 308   | 70       | 131   | 161      | 294   | 75       | 87    | 252          | 181   |

It will be observed that in almost every district the great increase of deaths is at ages 10-20 and 20-40, that there is a comparatively slight excess at ages 40-50, and a comparative fall at the two extremes of life at ages 0-10 and 50 and over.

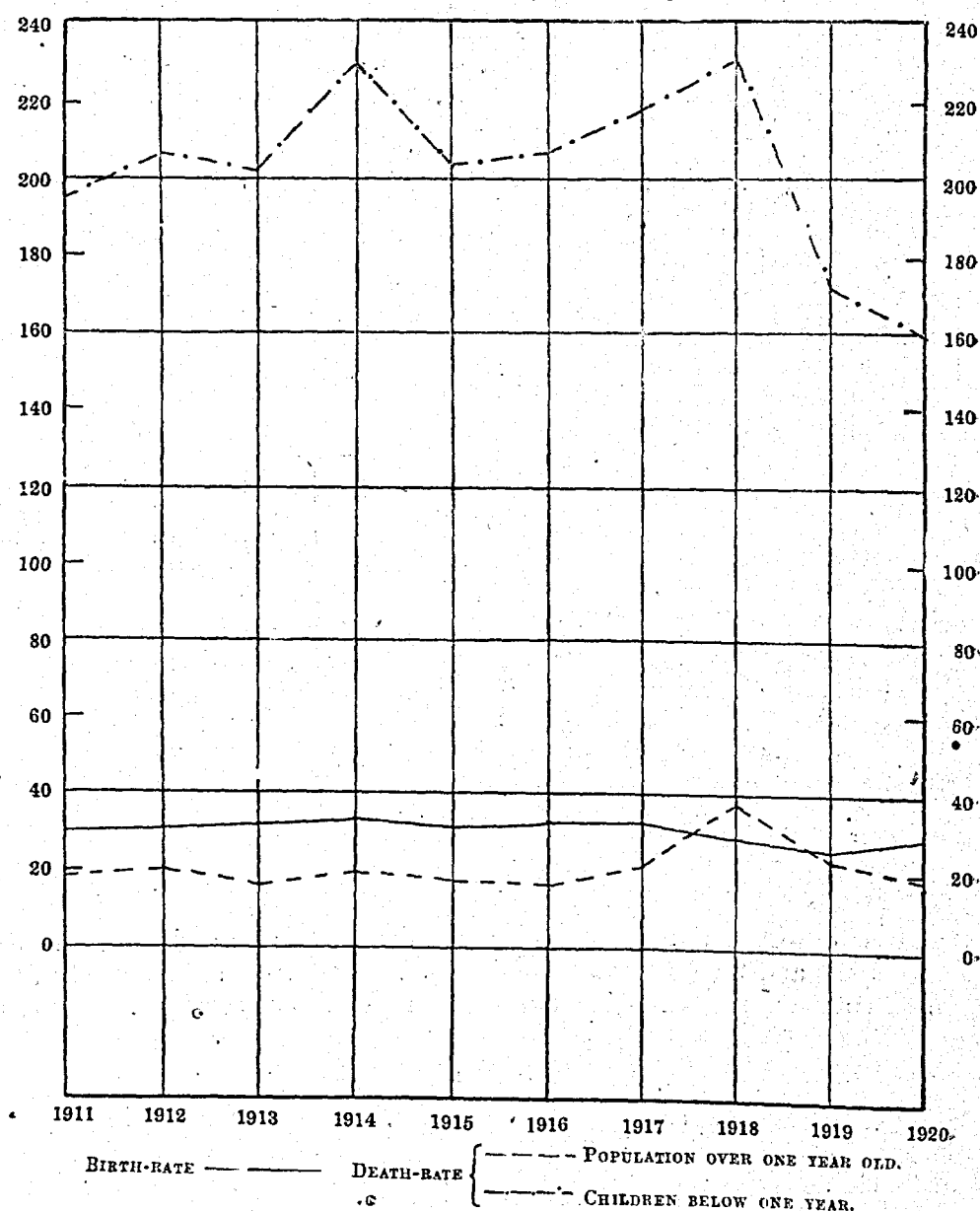
29. This great increase of deaths among persons at the prime of life naturally affected the birth-rate in the succeeding years. The accompanying statement shows that the birth-rate even in 1920 was still markedly below the average of the years 1913-1917.

| Natural divisions and districts. | Mean birth-rate for the five years ending 1917. | Birth-rate in |       |       | Ratio of infant mortality to total births. |       |       |       |
|----------------------------------|-------------------------------------------------|---------------|-------|-------|--------------------------------------------|-------|-------|-------|
|                                  |                                                 | 1918.         | 1919. | 1920. | Average 1913-1917.                         | 1918. | 1919. | 1920. |
| Vizagapatam ..                   | 33.5                                            | 32.9          | 27.5  | 31.9  | 167                                        | 212   | 176   | 135   |
| Cuddapah ..                      | 29.0                                            | 23.9          | 22.3  | 27.3  | 153                                        | 195   | 127   | 108   |
| Kurnool ..                       | 31.4                                            | 21.4          | 22.6  | 27.9  | 178                                        | 275   | 163   | 154   |
| Bellary...                       | 32.0                                            | 23.8          | 20.8  | 27.9  | 196                                        | 279   | 199   | 142   |
| Anantapur ..                     | 33.7                                            | 26.4          | 25.6  | 32.6  | 185                                        | 290   | 169   | 150   |
| North Arcot ..                   | 34.9                                            | 33.2          | 27.3  | 27.9  | 179                                        | 212   | 198   | 166   |
| Salem ..                         | 35.0                                            | 28.4          | 26.9  | 28.5  | 205                                        | 242   | 188   | 173   |
| Nilgiris ..                      | 30.9                                            | 29.7          | 25.5  | 25.8  | 213                                        | 278   | 227   | 244   |
| South Kanara ..                  | 37.2                                            | 36.6          | 31.7  | 33.1  | 176                                        | 204   | 208   | 138   |

On the other hand the last four columns of the statement throw a ray of light upon the gloomy prospect, for they show that in each of the districts for which particulars are given (except the Nilgiris) there is a gratifying fall in the ratio of infant mortality.

30. Subsidiary table 9 at the end of Chapter V differentiates the number of deaths during each year of the last decade by age-periods, and in the following diagram the death-rate per mille of children below the age of one year is compared

Diagram comparing the birth-rate with (a) death-rate of children below one year and (b) death-rate of persons over one year in the years 1911-1920.



Infant mortality

with the birth-rate and with the death-rate per mille of the population over the age of one year. While the mean average birth-rate is 30.7 per mille and the death-rate of persons who survive the first year of their life is 20.4 per mille, the number of children out of every thousand born who die in the first year of their life is no less than 202. In the first year of the decade the ratio of infantile mortality was 195 in every thousand births: the following year it rose to 206 and in 1914 after a slight fall to 202 in 1913 it reached the high figure of 229; in 1915 it fell again to 203 but rose in each of the following years to 207, 218 and 231. In 1919 and 1920 it fell to 171 and 159. The diagram shows that the "peaks" in the infantile mortality curve at years 1914 and 1918 are reflected by a very slight rise in 1914, and by a much steeper rise in 1918, the year of influenza, in the curve illustrating the death-rate in the population over one year of age.

31. The figures for the Presidency as a whole are serious enough especially when compared with the rate of infantile mortality in a country like Sweden where in the years 1896-1900 the death-rate at age 0-1 per 1,000 births was only 100.50; or the State of Massachusetts in America where in 1915 it was 102. There is however great variation between one district and another in this respect; and it comes as a shock to find that the districts which have the highest rate of infantile mortality are those which in other respects are generally considered among the most advanced, Madras, the Nilgiris, Tanjore, Tinnevely and Chingleput.

Deaths at age 0-1 per mille of births in

|              |         | 1911 | 1914 | 1918 | 1920 |
|--------------|---------|------|------|------|------|
| Madras city. | Males   | 320  | 321  | 372  | 290  |
|              | Females | 298  | 304  | 349  | 275  |
| Nilgiris     | Males   | 220  | 255  | 270  | 254  |
|              | Females | 231  | 248  | 277  | 235  |
| Tanjore      | Males   | 239  | 232  | 286  | 213  |
|              | Females | 206  | 205  | 269  | 192  |
| Tinnevely    | Males   | 229  | 230  | 215  | 186  |
|              | Females | 206  | 205  | 204  | 170  |
| Chingleput   | Males   | 217  | 233  | 295  | 202  |
|              | Females | 204  | 218  | 282  | 185  |

The marginal statement shows the rate of infantile mortality for males and females in each of these districts in the years 1911, 1914, 1918 and 1920. The only consolatory feature in these figures is the fall in the death-rate at the close of the decade; though the Nilgiris cannot congratulate itself even on this small measure of improvement.

32. The returns for Madras city are especially bad. Even in the best conditions city life is less favourable to the survival of infants than life in the country. For instance, we have seen that in Sweden the rate of infantile mortality in the five years 1896-1900 was 100.50; during the same period in Stockholm it was 169. (It is, however, only fair to add that the present century has seen a very great improvement in the health of all European cities (except those of Russia) and that even by 1912 the infant mortality rate of Stockholm had fallen to 82.) Again the infant mortality rate in the State of Massachusetts in 1915 was 102; in the city of Boston it was 104. But this does not excuse Madras for showing in 1920 male and female infant mortality rates of 290 and 275 when the rates for the Presidency are only 173 and 146.

33. The next factor affecting the population of the Presidency is emigration. This subject is considered in detail in Chapter III; here it is necessary only to state the main facts in the most summary form. The returns received from other provinces of India show that 917,000 persons, born in Madras, were enumerated in other provinces of India. Reports have also been received of another 814,000 persons born in Madras but enumerated in countries outside India. On the other hand the number of persons enumerated in Madras but born elsewhere is only 210,000; so that on the balance of emigration and immigration Madras has lost over 1½ millions of her natural population. And the actual figure is probably in excess of this; for complete returns have not been received from all foreign countries to which Madras emigrate.



34. Thus summing up the conditions of the decade, we find that after a succession of comparatively favourable years, the year 1918 was bad from the point of view of public health, from the point of view of failure of rain and consequent scarcity, and from the point of view of prices. The influenza epidemic of this year is the dominating influence of the decade; not only did it take a heavy toll of the people directly, but by causing the death of persons, especially women, in the prime of life, it has seriously affected the birth-rate in subsequent years. Moreover scarcity combined with high prices led to extensive emigration. Thus it is not surprising that the census of 1921 gives results very little in advance of those of 1911 and that in some districts the population has gone back.

Density of the population: reference to statistics

35. At the beginning of the report are maps which show (1) the present density of the population in each district; (2) the variation in density between 1911 and 1921 of the population in each district; (3) for each taluk the present density per square mile; (4) the variation in the population of each district; and (5) the variation in the population of each taluk. Subsidiary table 1 compares the density of each natural division and district with the water-supply and crops. Subsidiary table 2 shows the distribution of the population according to density, and subsidiary table 3 shows the variation in relation to density since 1891. The mean density of the Presidency, as a whole, is 297 persons to the square mile. This is to be compared with 291 persons in 1911, 269 in 1901 and 251 in 1891. But, as we have already seen, the circumstances and conditions of different parts of the Presidency vary so much that there can be no uniformity in density throughout the Presidency. It will be convenient therefore to consider this subject (1) by natural divisions; (2) by districts; and (3) by taluks. But before entering on this discussion we may for a moment consider the density of Madras in comparison with that of other provinces and States in India and of a few foreign countries:—

|                          |     |                           |       |
|--------------------------|-----|---------------------------|-------|
| India ... ..             | 177 | Mysore State ... ..       | 203   |
| Assam ... ..             | 130 | Travancore State ... ..   | 525   |
| Bengal ... ..            | 579 | The United Kingdom ... .. | 482   |
| Bihar and Orissa ... ..  | 310 | England and Wales ... ..  | 649   |
| Bombay ... ..            | 143 | Scotland ... ..           | 161   |
| Burma ... ..             | 57  | The United States ... ..  | 32    |
| Central Provinces ... .. | 122 | Egypt ... ..              | 1,043 |
| Punjab ... ..            | 183 | Natal ... ..              | 40    |
| United Provinces ... ..  | 414 | Japan ... ..              | 295   |
| Baroda State ... ..      | 262 | Ceylon ... ..             | 177   |
| Hyderabad State ... ..   | 262 |                           |       |

Of the greater provinces of India Madras stands fourth to Bengal, the United Provinces and Bihar and Orissa in this respect. The density of Madras is almost identical with that of Japan.

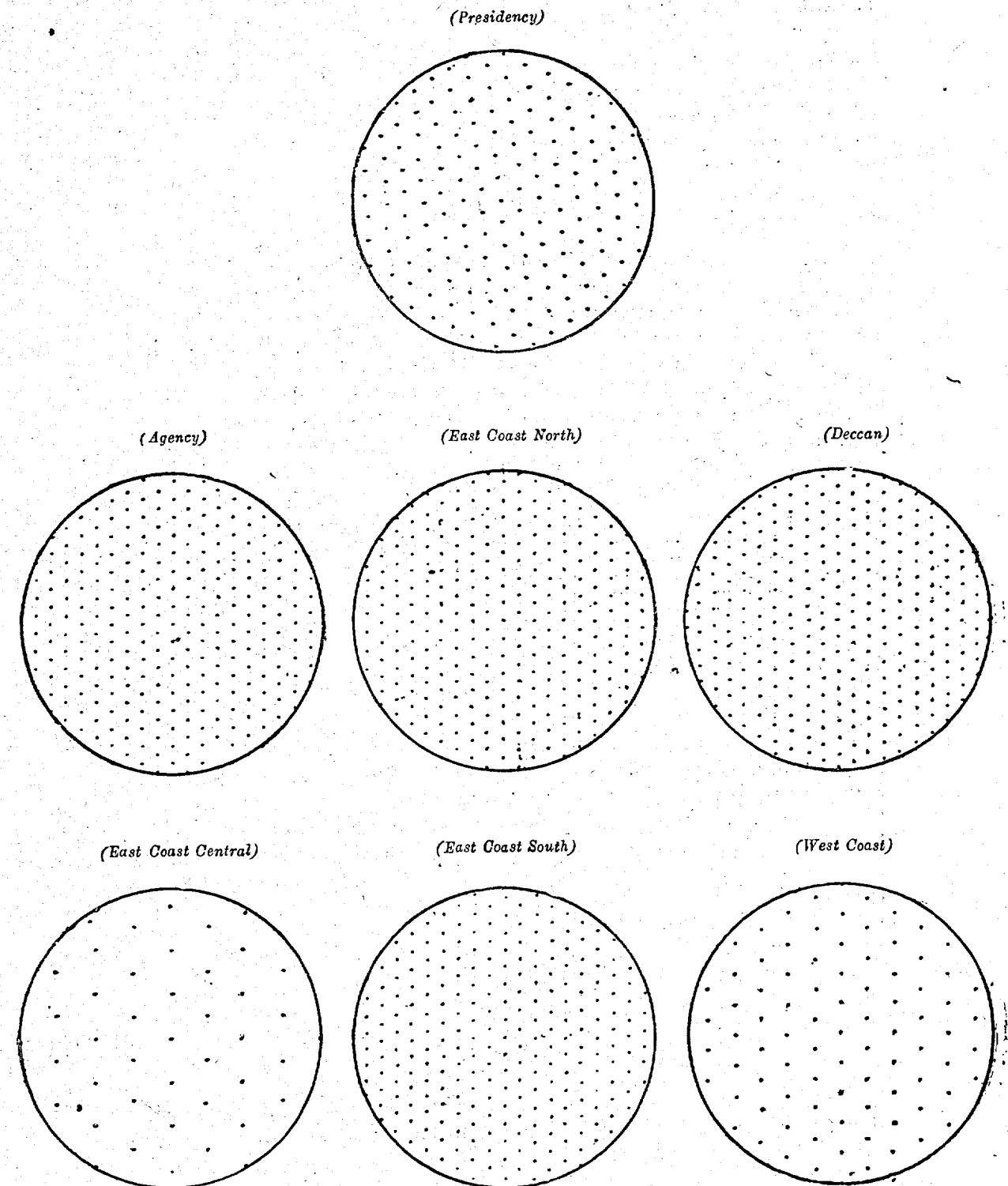
Density by natural divisions

36. Of the natural divisions in Madras the least densely populated is, of course, the Agency which has only 75 persons to a square mile. Next comes the Deccan with 139 persons; the East Coast North division has 345, and the East Coast Central division 375; while on the West Coast there are 415, and the East Coast South is the most densely populated division with 442 persons to the square mile. Another way of expressing the relative density of the divisions is by what is called the proximity of the population in yards; i.e., the distance which would separate each individual, if the whole population were distributed at equal distances over the area. The marginal figures represent the relative positions of the divisions in this respect, and the accompanying diagrams illustrate the point graphically.

| Natural division.         | Proximity in yards. |
|---------------------------|---------------------|
| Madras Presidency ... ..  | 111                 |
| Agency ... ..             | 221                 |
| East Coast North ... ..   | 102                 |
| Deccan ... ..             | 180                 |
| East Coast Central ... .. | 97                  |
| East Coast South ... ..   | 90                  |
| West Coast ... ..         | 83                  |

if the whole population were distributed at equal distances over the area. The marginal figures represent the relative positions of the divisions in this respect, and the accompanying diagrams illustrate the point graphically.

Proximity in yards of the population enumerated in 1921.  
(Scale 2 inches to 1 mile.)



37. As we have already seen, the mean density of the Presidency, as a whole, has increased by 6 during the decade. The density of the Deccan division has fallen by 6 and that of the Agency division by 3; in the East Coast North and the East Coast Central divisions there has been an increase of 11 each; while in the East Coast South and West Coast divisions the increase is 13.

38. Turning to a consideration of the relative density of the districts and taluks in each natural division, and taking first the Agency division, we find that the density of the taluks varies from 22 persons per square mile in Malkangiri to 160 in Jeypore. There are only six taluks in the Agency where the density

Variation in density

Density by districts and taluks: the Agency

exceeds 100 persons per square mile and in all of these (except Pōlavaram) there has been a loss of population during the decade. The taluks with the lowest density per square mile are Malkanagiri (22), Gūdem (30), Nugur (34), Chōdavaram (40), and Yellavaram (41), and in three of these taluks there has been an increase of population, the increase in Malkanagiri being no less than 32·5 per cent. The Agency Commissioner reports that this large increase is due principally to emigration from parts where *podu* cultivation\* has been specially suppressed. In five taluks only there has been an increase of population; the loss in all the others is attributed to the epidemic of influenza, to the scarcity due to famine in 1918-19 and to the limitation of *podu* cultivation which has caused a certain amount of emigration.

The East Coast  
North

39. The East Coast North division contains six districts, Gōdāvari and Vizagapatam being the most densely populated. Ganjām and Kistna also contain more people per square mile than the average of the division, while the least densely populated districts are Guntūr and Nellore. The only district in which the population has decreased is Ganjām where it has fallen by nearly 2 per cent during the decade. This decrease in population is due to emigration on account of the famine which visited the district in 1918-19. For the same reason the district of Ganjām shows a decrease in density of 7 persons per square mile.

| Taluks.          | Persons to the square mile. |
|------------------|-----------------------------|
| Bāmachandrapuram | 881                         |
| Rāzōle           | 779                         |
| Cocanada         | 772                         |
| Tanuku           | 770                         |
| Tenāli           | 746                         |
| Narasapur        | 728                         |

40. The most densely populated taluks in this division are naturally those in the deltas of the Gōdāvari and the Kistna rivers in the districts of Gōdāvari, Kistna and Guntūr.

All these taluks show an increase of population, though in the case of Cocanada the increase is very small, only 0·3 per cent; in the case of the other taluks the increase varies from 4 per cent in Rāzōle to 11·5 per cent in Narasapur. Next to the deltas the most thickly populated taluks are Palkondā, Vizagapatam and Vizianagram, in each of which there are between 600 and 700 persons to the square mile. In these taluks there has been an increase of population during the decade ranging from 0·4 per cent in Vizagapatam to 5·9 per cent in Palkondā. The least densely populated taluks are in Nellore district where four taluks have less than 130 people to the square mile. In three of these taluks there has been an increase of population; but in Udayagiri the population has gone down by 1·3 per cent. Another sparsely populated taluk is that of Suradā in Ganjām where there are only 142 persons to the square mile and where there has been a fall in population of no less than 10 per cent. Generally speaking, in this division it is in the most densely populated taluks that the increase of population is the greatest, and it is in those taluks which are more sparsely populated that the population has gone down. To this, of course, there are exceptions, for example, Sālūru taluk in Vizagapatam district which has a density of 513 persons per square mile and yet has lost no less than 7·4 per cent of its 1911 population. Similarly there are two taluks in Nellore district, i.e., Kāvali and Pōlūru, which have a density of less than 200 persons per square mile, and yet each has increased in population by nearly 10 per cent.

The Deccan

41. We come next to the Deccan division which, as we have already seen, suffered worst from influenza and also felt severely the scarcity of the years 1918-19. There are in this division four districts and two States, in all of which without exception the population has gone down. The density varies from 74 persons to the square mile in Sandūr State to 151 persons in Bellary district. The chief loss of population has been in Sandūr State and in Bellary district, where the population has gone down by 13·8 per cent and 11 per cent. The greatest increase of population is in Mārkapur taluk in Kurnool district, where

\* "Podu" cultivation is the wasteful method by which a piece of jungle is felled, the felled trees and undergrowth are burned, and dry grain is sown in the ashes two years in succession; after which the plot is abandoned and the same process is started elsewhere.

the population has risen by 8 per cent; but this taluk, with Nandikōtkūr which adjoins it, is very largely covered by the Nallamalai hills, and the density of these taluks is only 94 and 80 persons to the square mile. The only other taluk where the density is below 100 persons is Kalyāndrug and here the population has fallen by nearly 4 per cent. The most densely populated taluk in this division is Hindupur in Anantapur district where there are 235 people to the square mile, and where there has been an increase of nearly 4 per cent. But on the whole the tendency in the Deccan division is for the more densely populated taluks to show a comparatively large fall in population; while it is the more sparsely populated taluks which show an increase. Six taluks of Bellary are conspicuous for a great fall in population ranging from 10·2 per cent in Alūr to 17·3 per cent in Siruguppa.

42. The East Coast Central division contains six districts and the city of Madras, which for administrative purposes is reckoned as a district. All these districts, except South Arcot where there is a loss of 1·8 per cent in population, show an increase ranging from 1·6 per cent in Madras to 6·2 in Chingleput. The lowest density is 225 in Chittoor; and the highest (after Madras) is 551 in South Arcot. The most densely populated taluk in the division is Saidapet which practically forms a suburb of Madras. Here there are 889 persons to the square mile and there is an increase in population of 11·4 per cent. The next most densely populated taluks are those of Cuddalore, Chidambaram and Villupuram in South Arcot district, and in each of these taluks there has been a loss of population in the past decade. On the other hand in Arni taluk, which has a density of 686 persons, the population has increased by nearly 12 per cent. The most sparsely populated taluk in the division is Kollegāl which has only 89 persons to the square mile; and here there has been a fall of population by 3·1 per cent. Other thinly populated taluks where the population has gone down are Uttangarai, Hosūr and Kangundi.

The East Coast Central

43. In the East Coast South division there are five districts and the State of Pudukkōttai; and it contains the rich deltas of the rivers Cauvery and Tambraparni. There has been an increase of population in every district except Tanjore which has lost 1·5 per cent of its population. The density is uniformly high ranging from 362 in Pudukkōttai State to 624 in Tanjore. There are two taluks in the division with a density of over 1,000 persons: Madura with 1,034, and Kumbakōnam with 1,278, persons to the square mile. The population of Madura has increased by 4½ per cent while that of Kumbakōnam has decreased by 3½ per cent. The next most thickly populated taluks are all in Tanjore or Trichinopoly districts. All the delta taluks in Tanjore district (except Shiyālī) show a decline in population; but in Shiyālī there is an increase of 1·8 per cent. The most thinly populated taluk in this division is Kodaikānal where there are only 57 persons per square mile. This taluk consists entirely of hills for the most part covered either by forests or open grass lands which in either case cannot support a large population; yet here the population has risen by 5·4 per cent, principally owing to the growth of the settlement of Kodaikānal, which has been rendered more accessible during the decade by the opening of a road suitable for motor traffic.

The East Coast South

44. Finally in the West Coast division the density ranges from 79 persons to the square mile in Gūdalūr to 11,209 in Cochin. Cochin taluk consists of practically nothing but Cochin town and hence it has a large density. Similarly Anjengo which has a density of 5,918 persons to the square mile consists merely of two big villages closely surrounded by the territory of Travancore. The next most densely populated regions are the Amindivi and the Laccadive islands which support between 1,350 and 1,400 persons per square mile. Of the taluks which own to more or less normal conditions, we find the range varying from Ponnāni taluk which has a population of 1,252 persons to the square mile down to Uppinangadi where the density is only 156. In this division no relation can be detected between the density of the population and the variation in population. The taluk with the greatest increase of population is Coonoor which has a density

The West Coast

of 243 persons. The next greatest increase is in Calicut where the density is 767. In point of increase Ootacamund comes next, but its density is only 99. The density in Mangalore taluk is 737, and that in Uppinangadi is 156; but in both these taluks there has been a considerable increase of population.

Density  
relative to  
cultivable  
area

45. It must not be forgotten that these figures of density calculated on the total area of districts and taluks may to some extent convey a false impression; for the density of a taluk or district will frequently depend on the extent of hill or forest included in it; and the fact that a taluk has a low average density by no means implies that no part of it is thickly populated. A more valuable comparison is suggested by the figures in subsidiary table 1 and the consideration of

| District.           | Rank according to        |                               |
|---------------------|--------------------------|-------------------------------|
|                     | Density :<br>Total area. | Density :<br>Cultivated area. |
| Tanjore ... ..      | 1                        | 5                             |
| Godavari ... ..     | 2                        | 10                            |
| South Arcot ... ..  | 3                        | 8                             |
| Malabar ... ..      | 4                        | 1                             |
| Vizagapatam ... ..  | 5                        | 9                             |
| Chingleput ... ..   | 6                        | 6                             |
| Trichinopoly ... .. | 7                        | 15                            |
| Tinnevely ... ..    | 8                        | 12                            |
| South Kanara ... .. | 18                       | 2                             |
| Chittoor ... ..     | 19                       | 3                             |
| Nilgiris ... ..     | 25                       | 4                             |

density relatively to the area available for cultivation. The marginal statement compares the rank held by certain districts in density proportional to total area with their rank in density proportional to cultivated area. South Kanara, Chittoor and the Nilgiris have a comparatively small area of cultivated land; consequently though their population is small and though they rank low in respect of density proportional to total

area, they rank very high when the cultivated area alone is taken into consideration.

Distribution  
of population  
by taluks  
according to  
density

46. Subsidiary table 2 shows the distribution of the population by taluks according to density; 52 per cent of the population lives in taluks in which there are from 300 to 600 persons to a square mile; 20.4 per cent live in taluks where there are more than 600 persons; and 27.6 in taluks where there are less than 300 persons to the square mile. In 1911 30.2 per cent of the population lived in taluks where the density was less than 300 persons to the square mile; 41 per cent in taluks with 300 to 500 persons; and 28.8 per cent in taluks with more than 500 persons to a square mile. Thus a smaller proportion of the population now lives in the sparsely populated taluks. In the Agency, the proportion of persons living in taluks with a population per square mile of under 100 has risen from 37.1 per cent to 52.7 per cent, while the proportion of the population living in taluks with 100-150 persons to the square mile has fallen from 51.9 per cent to 31.2 per cent. In the Deccan division more than half the population lives in taluks with a density of 100-150 persons to the square mile. In the East Coast North, Central and South divisions more than half the people live in taluks where there are from 300 to 600 persons to the square mile. On the West Coast also the majority of the people live in the more densely populated taluks.

Movement of  
the popula-  
tion

47. The following diagrams illustrate the variation since 1871 of the population in each natural division. The statistics for the Agency and East Coast North divisions cannot be separated for the year 1871; so in the first diagram they are shown together; the second diagram gives the variation from the year 1881 for the two divisions separately. We have already seen that in the decade 1871-1881 in which the great famine occurred, the population of Madras fell by nearly half a million. The diagram makes it clear that this calamity affected the Deccan division worst and then the East Coast Central division in both which tracts there was a fall of population in 1881 as compared with 1871. In the following decade 1881-1891 a rapid recovery was effected, though the Deccan had not by 1891 reached the point at which it stood in 1871, and the population increased by nearly 5 millions or 15.7 per cent. This was undoubtedly higher than the normal rate of increase, as is shown by the fact that in the two following decades 1891-1901 and 1901-1911, in neither of which was there any serious setback, the increase of population was only 7.2 per cent and 8.3 per cent. At this census, while the rate of increase for the Presidency has fallen to 2.2 per cent, the population of the Agency and Deccan divisions has actually decreased. The

Agency has lost 63,000 persons or 4.1 per cent of its 1911 population. The Deccan division has lost 3.8 per cent; and has again fallen below the figure it touched in 1871; and to this loss every district and every State in the division contributes. But the Bellary district and the Sandūr State have suffered the worst, Bellary having lost 11 per cent of its population and Sandūr 13.8 per cent. Next comes the Banganapalle State which has lost 6.7 per cent and the Kurnool district, where the population has gone down by 2.2 per cent. In Cuddapah and Anantapur districts the decrease is less than one per cent. There has also been a decrease of population in the districts of Ganjām, South Arcot and Tanjore. In the case of Ganjām the decrease of population is due to greater emigration to Burma and Assam. In South Arcot there was a rapid increase of population in the decade of 1901-1911 which was attributed mainly to the expansion of the groundnut cultivation. The fall in population at this census, may be in some measure due to the natural recoil after a rapid increase in the previous decade. Tanjore, as has been pointed out, is the most densely populated district in the Presidency, and the fact that at the close of an unfavourable series of years the population should show an actual fall, indicates that the present population is about the limit which the district with its present resources can support. There is no doubt that both in South Arcot and Tanjore the adverse conditions of the closing years of the decade stimulated emigration to the Straits, Burma and Ceylon. The increase of population in the four divisions, East Coast North, Central, South and West Coast varies between 3 and 3.3 per cent. In districts the range of variation is slightly greater, the maximum increase being 6.8 in Kistna and the minimum 1.6 in Madras. The particulars of the variation in each district and taluk are illustrated graphically on the maps at the beginning of the report and a table showing the variation in the population of each natural division since 1871 is given in Appendix II to this report.

Diagram showing the variations since 1871 per thousand of the population in each natural division.

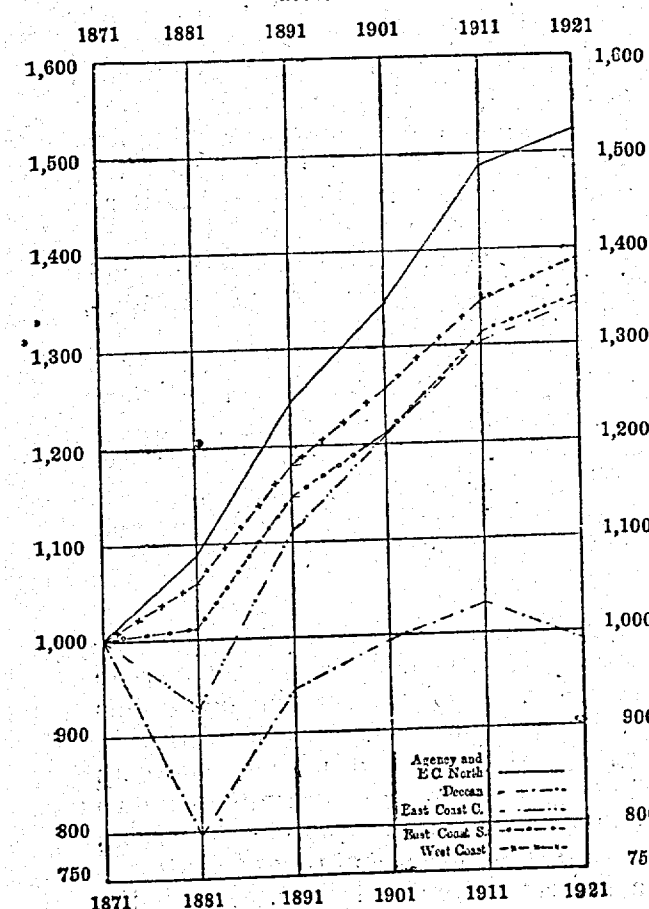
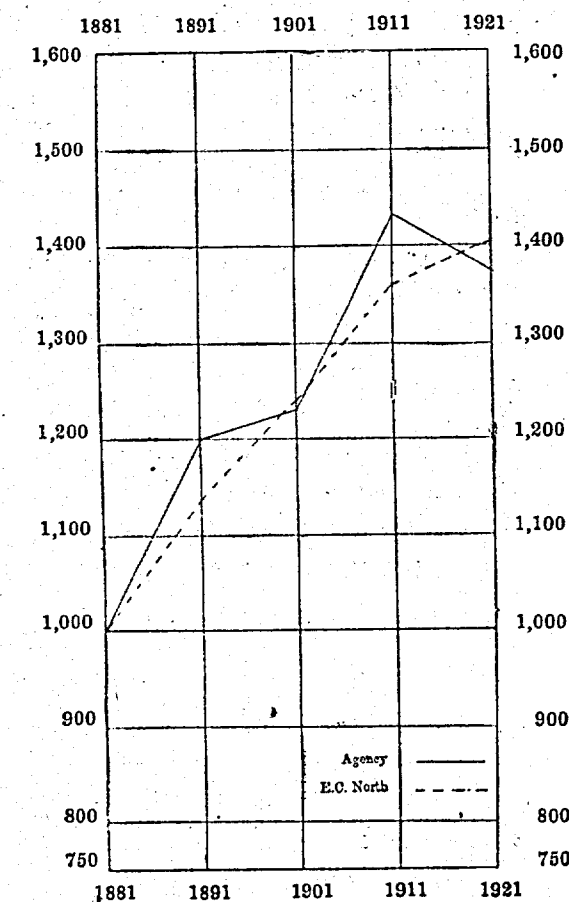


Diagram showing the variations since 1881 per thousand of the population in the Agency and East Coast North.





Variation dependent on agricultural conditions

48. The variation in the population of districts and taluks has been considered above in relation to their density.

|                   | Increase per cent. | Percentage of area cultivated under rice. |
|-------------------|--------------------|-------------------------------------------|
| Kistna ... ..     | 6.8                | 52.0                                      |
| Nilgiris ... ..   | 6.7                | 7.3                                       |
| Guntūr ... ..     | 6.6                | 15.5                                      |
| Chingleput ... .. | 6.2                | 68.9                                      |
| Tinnevely ... ..  | 6.2                | 21.4                                      |
| Anjengo ... ..    | 6.2                | ...                                       |

The dominant factors in the movement of a pre-eminently rural population like that of Madras must necessarily be connected with agricultural conditions. The important statistics bearing on this point will be found in subsidiary table 1. Of the districts which have the largest increase in population Chingleput and Kistna are districts in which rice is

extensively cultivated and the greater part of the cultivated area is irrigated; Guntūr and Tinnevely are not distinguished by the same characteristics; the Nilgiris and Anjengo are abnormal districts; the increase of population on the Nilgiris is due to the expansion of the European settlements, and Anjengo is nothing more than a small enclave in Travancore and must conform to the conditions of the surrounding country. It does not follow that extensive cultivation of rice necessarily leads to an increase of population; in Tanjore the population has gone down, yet 76.4 per cent of the cultivated area, a greater proportion than in any other district except South Kanara, is under rice.

49. The variation of the population during the decade has unquestionably been influenced (1) by the epidemic of influenza than which nothing did more to disturb the normal movement of the population; and (2) by the conditions of scarcity—in some places approaching famine—which obtained in 1919. These influences were felt most in the north—the Agency, Ganjām and Vizagapatam—the Deccan and to a less extent elsewhere. Hence we find a decrease of population in the Agency and the Deccan, and also in Ganjām district, while in all other districts, with the exceptions of South Arcot and Tanjore, the population has risen moderately. In 17 districts there has been an increase of population in excess of the Presidency average of 2.2 per cent, while in the remaining 13 districts there has either been a loss or an increase of less than 2.2 per cent; and of these 13 districts ten are either in the north or the Deccan.

50. In the 50 years since 1871 the variation in the natural divisions has

|                           | Variation per cent since 1871. |
|---------------------------|--------------------------------|
| Presidency ... ..         | +35                            |
| Agency ... ..             | +52                            |
| East Coast North ... ..   | -1                             |
| Deccan ... ..             | +34                            |
| East Coast Central ... .. | +35                            |
| East Coast South ... ..   | +35                            |
| West Coast ... ..         | +89                            |

|                           | Increase per cent since 1891. |
|---------------------------|-------------------------------|
| Presidency ... ..         | 18.7                          |
| Agency ... ..             | 14.4                          |
| East Coast North ... ..   | 23.4                          |
| Deccan ... ..             | 5.1                           |
| East Coast Central ... .. | 21.1                          |
| East Coast South ... ..   | 17.7                          |
| West Coast ... ..         | 17.6                          |

been as shown in the margin; these figures emphasize how severely the Deccan has suffered compared with other divisions. From subsidiary table 3 it is seen that since 1891 there has been an increase in each division; and again the Deccan shows up badly. The principal increases were in the districts of Kistna, Guntūr and Madura which have all risen by more than 30 per cent in the thirty years, largely no doubt in consequence of improved facilities for irrigation. The smallest variations are in the Deccan and

Tanjore; Bellary has lost 2.1 per cent, and is the only district in which the population in 1921 is less than it was thirty years ago.

51. From subsidiary table 1 we see that the annual normal rainfall in the Deccan is markedly below the average of the rest of the Presidency. This tract of country is so situated that it gets the full benefit of neither monsoon; consequently it is often impossible to cultivate the land at the proper season, and so the cultivator at times fails to get a full return for his labour. Nor is the

|                           | Average annual rainfall. |
|---------------------------|--------------------------|
| Madras Presidency ... ..  | 43.88                    |
| Agency ... ..             | 55.92                    |
| East Coast North ... ..   | 37.55                    |
| Deccan ... ..             | 26.43                    |
| East Coast Central ... .. | 38.58                    |
| East Coast South ... ..   | 33.86                    |
| West Coast ... ..         | 113.69                   |

The Deccan liable to shortage of rain

lack of natural rainfall made good by artificial irrigation; for subsidiary table 1 again tells us that only 7.5 per cent of the cultivated area of the Deccan is irrigated, the proportion in the East Coast divisions being 31.7, 36.2 and 43.3. The West Coast gets such abundant rain that it needs no artificial irrigation and the primitive inhabitants of the Agency have not yet acquired the wish or the knowledge to make full use of the possibilities of irrigation.

52. To this natural handicap—or is it a direct consequence of it?—is added the almost perpetual scourge of epidemic diseases. Plague has not been absent from the Deccan in any year of the decade and was at its worst in 1917; cholera claimed its victims every year, and was especially severe in 1912, 1918 and 1914; small-pox was particularly virulent in 1914. The effect is seen in the average death-rates for the natural divisions which are given in the margin.

|                           | Average annual death-rate per mille. |
|---------------------------|--------------------------------------|
|                           | 1911-1920.                           |
| Madras Presidency ... ..  | 25.6                                 |
| East Coast North ... ..   | 24.5                                 |
| Deccan ... ..             | 30.9                                 |
| East Coast Central ... .. | 26.0                                 |
| East Coast South ... ..   | 23.7                                 |
| West Coast ... ..         | 27.1                                 |

53. Every remark made above about the natural division as a whole applies with still greater force to the district of Bellary; in point of view of rainfall, irrigation, liability to epidemics, and death-rate, Bellary is worse off than any of the other districts in the Deccan. Its position is indeed reflected in the census figures: Bellary has lost 11 per cent of its population since 1911; Kurnool has lost only 2.2 per cent.

54. Imperial Table I shows for each district the number of occupied houses, and Provincial Table I gives the same information for each taluk. For the purpose of the census a "house" is defined as "the residence of one or more families having a separate entrance from the common way." The definition has been employed in Madras from 1891 onwards and village officers and municipal employees who are entrusted with the duty of preparing the list of houses are by this time familiar with the definition and know how to apply it. The definition is sufficiently comprehensive to cover alike a Raja's palace and the portable hut carried from place to place by a member of a wandering tribe. (Imperial Table I shows that there are now 8,416,265 houses in the Presidency, 961,750 in towns and the rest in villages. In 1911 there were 7,916,490 houses, of which 861,061 were in towns. Thus while the population has risen only by 2.2 per cent, the number of houses has increased by 6.3 per cent; and while the urban population has increased by 7.8 per cent the number of houses in towns has increased by 11.7 per cent. Prima facie this indicates the spread of a better standard of living both in town and country.)

55. From subsidiary table 7 we see that this feature is common to all natural divisions. The greatest improvement has been in the East Coast Central division and in this division the district of South Arcot has made the greatest progress, where there are now only 563 persons to every 100 houses against 625 in 1921; and next comes the city of Madras where the number of persons to every 100 houses has fallen

|                           | Number of persons<br>per 100 houses. |       |
|---------------------------|--------------------------------------|-------|
|                           | 1921.                                | 1911. |
| Presidency ... ..         | 509                                  | 529   |
| Agency ... ..             | 441                                  | 458   |
| East Coast North ... ..   | 490                                  | 510   |
| Deccan ... ..             | 483                                  | 504   |
| East Coast Central ... .. | 544                                  | 579   |
| East Coast South ... ..   | 497                                  | 510   |
| West Coast ... ..         | 545                                  | 558   |

from 870 in 1911 to 815 in 1921. North Arcot and Salem also show substantial improvement in this respect.

56. The Corporation of Madras are again publishing a separate report dealing with the census of the city of Madras. Such notes as are to be made on the question of over-crowding in the city will be found there; and it is unnecessary to repeat them here. There is a great variation in the house accommodation afforded by the other cities of the Presidency; in Tinnevely there are only 413 persons to every 100 houses; while in Conjeevaram there are 698. These

And to epidemic diseases

Bellary specially liable to these calamities

Number of occupied houses

Increase in house-room in all natural divisions

House-room in cities

statistics, together with certain other general information for the cities, will be found in a special statement in Appendix III at the end of this volume. ]

Madura

57. The cities of Madura and Trichinopoly which have each over 100,000 inhabitants deserve more detailed mention. Statements giving the same information for these cities by wards will be found in Appendix IV. In Madura, taking the city as a whole, there are 685 persons to every 100 houses; the variation in individual wards is from 537 in ward 18, which is the large tract of suburban country lying north of the river Vaigai, to 821 in ward 2 and 809 in ward 3, which are congested quarters largely inhabited by Saurāshtra weavers and dyers. In one other ward—13—there are less than 600 persons to 100 houses; and for the rest, in 9 wards there are between 600 and 700 persons, and in 5 wards between 700 and 800 persons to every 100 houses.

Trichinopoly

58. In Trichinopoly the most crowded ward appears to be ward 1 which has as many as 800 persons to every 100 houses. This is accounted for by the fact that this ward includes the Trichinopoly Cantonment; in the civil area of the ward the number is only 689, and even this includes a number of travellers enumerated at the Trichinopoly Junction Railway Station. The crowding is least (367 persons to 100 houses) in ward 8 which lies in the direction of Srirangam; in wards 15, 17 and 18 there are between 450 and 500 persons to 100 houses, in wards 9, 11 and 12 situated around the "Rock" there are between 600 and 700 persons to 100 houses; and in the rest of the city between 500 and 600.

1.—Density, water-supply and crops.

| District and natural division. | Mean density per square mile in 1921. | Percentage of total area. |                 | Percentage of cultivable area of |                 | Percentage of cultivated area which is irrigated. | Normal rainfall. | Percentage of gross cultivated area under |                       |                              |            |         |              |
|--------------------------------|---------------------------------------|---------------------------|-----------------|----------------------------------|-----------------|---------------------------------------------------|------------------|-------------------------------------------|-----------------------|------------------------------|------------|---------|--------------|
|                                |                                       | Cultivable.               | Not cultivated. | Net cultivated.                  | Double cropped. |                                                   |                  | Rice.                                     | Cholam,umbu and ragi. | Other food crops and pulses. | Groundnut. | Cotton. | Other crops. |
| 1                              | 2                                     | 3                         | 4               | 5                                | 6               | 7                                                 | 8                | 9                                         | 10                    | 11                           | 12         | 13      | 14           |
| Province ...                   | 297                                   | 60.1                      | 38.1            | 63.4                             | 8.3             | 28.3                                              | 43.26            | 28.6                                      | 27.6                  | 19.5                         | 3.6        | 5.5     | 15.2         |
| Agency ...                     | 75                                    | 37.6                      | 15.7            | 41.8                             | 0.6             | 26.6                                              | 55.92            | 40.1                                      | 16.0                  | 11.6                         | 0.6        | 0.1     | 31.6         |
| East Coast North ...           | 345                                   | 63.4                      | 40.8            | 64.3                             | 13.1            | 43.3                                              | 37.55            | 38.4                                      | 21.2                  | 17.6                         | 0.5        | 2.9     | 19.4         |
| Ganjām ...                     | 383                                   | 62.8                      | 47.4            | 75.5                             | 14.6            | 50.5                                              | 44.73            | 58.3                                      | 4.9                   | 15.2                         | 1.0        | 0.1     | 20.5         |
| Vizagapatam ...                | 489                                   | 45.0                      | 27.0            | 59.9                             | 22.0            | 49.5                                              | 39.83            | 31.3                                      | 17.7                  | 19.1                         | 1.7        | 1.1     | 29.1         |
| Godāvari ...                   | 578                                   | 72.2                      | 50.0            | 89.3                             | 22.6            | 69.7                                              | 39.29            | 53.0                                      | 10.5                  | 15.3                         | ...        | 0.9     | 20.3         |
| Kistna ...                     | 361                                   | 80.3                      | 51.1            | 63.6                             | 12.5            | 55.6                                              | 36.09            | 52.0                                      | 21.1                  | 9.4                          | 0.1        | 2.9     | 14.5         |
| Guntūr ...                     | 316                                   | 74.5                      | 56.9            | 76.4                             | 11.0            | 16.2                                              | 31.29            | 15.5                                      | 27.7                  | 25.8                         | 0.2        | 7.3     | 23.5         |
| Nellore ...                    | 174                                   | 56.9                      | 26.4            | 46.4                             | 4.8             | 37.3                                              | 34.09            | 27.2                                      | 42.7                  | 19.2                         | 0.1        | 3.0     | 7.8          |
| Deccan ...                     | 139                                   | 66.0                      | 43.9            | 66.5                             | 2.4             | 7.5                                               | 26.35            | 4.5                                       | 37.6                  | 31.0                         | 4.7        | 10.5    | 11.7         |
| Cuddapah ...                   | 150                                   | 51.9                      | 28.0            | 53.9                             | 5.2             | 20.1                                              | 27.81            | 9.3                                       | 46.1                  | 17.6                         | 9.4        | 9.4     | 8.2          |
| Kurnool ...                    | 121                                   | 57.8                      | 41.6            | 72.0                             | 2.1             | 4.6                                               | 24.81            | 3.7                                       | 38.9                  | 31.5                         | 3.3        | 0.7     | 21.9         |
| Banganapalle ...               | 144                                   | 86.5                      | 75.6            | 87.3                             | 0.4             | 1.3                                               | 25.97            | 0.5                                       | 48.7                  | 16.7                         | 0.9        | 28.3    | 4.9          |
| Bellary ...                    | 151                                   | 79.5                      | 64.0            | 80.4                             | 1.0             | 2.5                                               | 22.81            | 1.5                                       | 38.7                  | 31.6                         | 1.4        | 21.0    | 5.8          |
| Sandūr ...                     | 74                                    | 62.4                      | 46.8            | 75.0                             | ...             | 1.7                                               | 34.10            | 0.1                                       | 64.2                  | 27.4                         | ...        | 0.3     | 8.0          |
| Anantapur ...                  | 142                                   | 75.6                      | 42.3            | 56.0                             | 2.4             | 10.3                                              | 22.62            | 6.6                                       | 28.8                  | 38.8                         | 7.5        | 8.0     | 10.3         |
| East Coast Central.            | 375                                   | 55.9                      | 36.9            | 66.1                             | 11.0            | 31.7                                              | 38.58            | 24.0                                      | 36.6                  | 18.9                         | 8.0        | 3.4     | 9.1          |
| Madras ...                     | 18,169                                | ...                       | ...             | ...                              | ...             | ...                                               | 49.16            | ...                                       | ...                   | ...                          | ...        | ...     | ...          |
| Chingleput ...                 | 486                                   | 58.0                      | 38.9            | 67.1                             | 16.0            | 67.4                                              | 45.67            | 68.9                                      | 12.4                  | 5.8                          | 2.8        | ...     | 10.1         |
| Chittoor ...                   | 226                                   | 44.0                      | 17.7            | 40.2                             | 7.7             | 43.4                                              | 33.15            | 23.0                                      | 45.0                  | 16.0                         | 3.6        | 0.1     | 12.3         |
| North Arcot ...                | 415                                   | 51.6                      | 36.5            | 70.7                             | 15.0            | 37.1                                              | 37.74            | 34.9                                      | 25.6                  | 17.3                         | 12.4       | 0.1     | 9.7          |
| Salem ...                      | 308                                   | 56.0                      | 37.0            | 66.0                             | 94.4            | 14.4                                              | 32.32            | 9.2                                       | 46.1                  | 30.9                         | 3.4        | 1.1     | 9.3          |
| Coimbatore ...                 | 307                                   | 62.7                      | 43.4            | 71.6                             | 9.7             | 21.7                                              | 26.23            | 4.2                                       | 54.0                  | 20.7                         | 2.9        | 11.9    | 6.3          |
| South Arcot ..                 | 551                                   | 65.8                      | 50.5            | 75.5                             | 11.5            | 36.3                                              | 45.81            | 33.9                                      | 20.6                  | 13.1                         | 22.0       | 0.2     | 10.2         |
| East Coast South ...           | 442                                   | 73.4                      | 22.1            | 70.9                             | 7.0             | 36.2                                              | 33.86            | 31.5                                      | 27.7                  | 18.4                         | 3.6        | 9.4     | 9.4          |
| Tanjore ...                    | 624                                   | 72.1                      | 55.7            | 77.3                             | 5.9             | 73.9                                              | 43.89            | 76.4                                      | 4.4                   | 6.2                          | 5.2        | 0.2     | 7.6          |
| Trichinopoly ...               | 441                                   | 77.8                      | 51.0            | 65.5                             | 7.6             | 19.6                                              | 33.07            | 17.9                                      | 46.7                  | 17.8                         | 5.2        | 3.3     | 9.1          |
| Pudukkottai ...                | 362                                   | 66.7                      | 50.9            | 76.3                             | 1.3             | 38.4                                              | 37.93            | 41.2                                      | 17.7                  | 27.7                         | 11.7       | 0.2     | 1.5          |
| Madura ...                     | 409                                   | 65.4                      | 44.9            | 68.7                             | 7.8             | 30.3                                              | 30.53            | 19.5                                      | 32.5                  | 26.1                         | 3.0        | 10.8    | 8.1          |
| Rāmnaḍ ...                     | 356                                   | 83.8                      | 65.9            | 78.6                             | 3.5             | 33.0                                              | 29.48            | 24.1                                      | 28.7                  | 18.3                         | 2.1        | 18.5    | 8.3          |
| Tinnevely ...                  | 440                                   | 73.2                      | 48.3            | 66.1                             | 11.1            | 26.3                                              | 28.25            | 21.4                                      | 25.1                  | 20.5                         | ...        | 17.7    | 15.3         |
| West Coast ...                 | 415                                   | 58.0                      | 28.3            | 48.7                             | 12.0            | ...                                               | 113.99           | 59.6                                      | 0.9                   | 4.4                          | ...        | ...     | 35.1         |
| Nilgiris ...                   | 129                                   | 40.7                      | 11.3            | 27.7                             | 1.1             | ...                                               | 77.51            | 7.3                                       | 3.2                   | 20.2                         | ...        | ...     | 69.2         |
| Malabar ...                    | 535                                   | 65.1                      | 36.5            | 56.1                             | 11.6            | ...                                               | 118.37           | 53.1                                      | 0.8                   | 2.7                          | ...        | ...     | 43.4         |
| Anjengo ...                    | 5,918                                 | 91.7                      | 89.6            | 97.7                             | ...             | ...                                               | ...              | ...                                       | ...                   | ...                          | ...        | ...     | ...          |
| South Kanara ...               | 310                                   | 52.4                      | 20.8            | 39.6                             | 14.9            | ...                                               | 146.08           | 79.4                                      | 0.8                   | 6.7                          | ...        | ...     | 13.1         |

## 2.—Distribution of the population (000s omitted) according to density.

| Natural division.   |        | Taluk or divisions with a population per square mile of |             |          |             |          |             |          |             |          |             |          |             |          |             |               |             |
|---------------------|--------|---------------------------------------------------------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|---------------|-------------|
|                     |        | Under 100.                                              |             | 100-150. |             | 150-200. |             | 200-300. |             | 300-450. |             | 450-600. |             | 600-750. |             | 750 and over. |             |
|                     |        | Area.                                                   | Population. | Area.    | Population. | Area.    | Population. | Area.    | Population. | Area.    | Population. | Area.    | Population. | Area.    | Population. | Area.         | Population. |
| 1                   | 2      | 3                                                       | 4           | 5        | 6           | 7        | 8           | 9        | 10          | 11       | 12          | 13       | 14          | 15       | 16          | 17            |             |
| Province ...        | 19,984 | 1,279                                                   | 23,331      | 2,872    | 19,290      | 3,182    | 18,240      | 4,480    | 32,459      | 11,990   | 19,989      | 10,258   | 5,628       | 3,845    | 4,931       | 4,888         |             |
|                     | 13.9   | 3.0                                                     | 16.2        | 6.7      | 13.4        | 7.4      | 12.7        | 10.5     | 22.6        | 28.0     | 13.9        | 24.0     | 3.9         | 9.0      | 3.4         | 11.4          |             |
| Agency ...          | 14,331 | 789                                                     | 4,030       | 467      | 1,519       | 240      | ...         | ...      | ...         | ...      | ...         | ...      | ...         | ...      | ...         | ...           |             |
|                     | 72.1   | 52.7                                                    | 20.3        | 31.2     | 7.6         | 16.1     | ...         | ...      | ...         | ...      | ...         | ...      | ...         | ...      | ...         | ...           |             |
| East Coast North.   | ...    | ...                                                     | 3,179       | 386      | 6,155       | 1,039    | 5,918       | 1,530    | 7,247       | 2,558    | 6,017       | 3,171    | 1,759       | 1,183    | 1,251       | 999           |             |
|                     | ...    | ...                                                     | 10.1        | 3.5      | 19.5        | 9.6      | 18.8        | 14.1     | 23.0        | 23.5     | 19.1        | 29.2     | 5.5         | 10.9     | 4.0         | 9.2           |             |
| Deccan ...          | 3,423  | 304                                                     | 14,890      | 1,884    | 4,981       | 813      | 3,052       | 669      | ...         | ...      | ...         | ...      | ...         | ...      | ...         | ...           |             |
|                     | 13.0   | 8.3                                                     | 56.5        | 51.3     | 18.9        | 22.2     | 11.6        | 18.2     | ...         | ...      | ...         | ...      | ...         | ...      | ...         | ...           |             |
| East Coast Central. | 1,076  | 95                                                      | 411         | 50       | 5,396       | 896      | 5,201       | 1,262    | 9,334       | 3,337    | 8,816       | 4,485    | 647         | 454      | 1,128       | 1,417         |             |
|                     | 3.4    | 0.8                                                     | 1.3         | 0.4      | 16.9        | 7.5      | 16.3        | 10.5     | 29.2        | 27.8     | 27.5        | 37.4     | 2.0         | 3.8      | 3.4         | 11.8          |             |
| East Coast South.   | 413    | 23                                                      | ...         | ...      | ...         | ...      | 2,580       | 682      | 13,270      | 5,042    | 3,636       | 1,813    | 1,862       | 1,120    | 1,734       | 1,606         |             |
|                     | 1.8    | 0.2                                                     | ...         | ...      | ...         | ...      | 11.1        | 6.6      | 57.0        | 49.0     | 15.6        | 17.6     | 7.1         | 10.9     | 7.4         | 15.7          |             |
| West Coast ...      | 741    | 68                                                      | 821         | 85       | 1,239       | 194      | 1,489       | 338      | 2,608       | 1,053    | 1,520       | 789      | 1,560       | 1,088    | 818         | 866           |             |
|                     | 6.9    | 1.5                                                     | 7.6         | 1.9      | 11.5        | 4.3      | 13.8        | 7.5      | 8.1         | 23.5     | 14.1        | 17.6     | 14.4        | 24.3     | 7.6         | 19.4          |             |

## 3.—Variation in relation to density since 1891.

| District and natural division. | Percentage of variation<br>Increase (+) Decrease (-). |               |               | Net variation 1891 to 1921. | Mean density per square mile. |        |        |        |
|--------------------------------|-------------------------------------------------------|---------------|---------------|-----------------------------|-------------------------------|--------|--------|--------|
|                                | 1911 to 1921.                                         | 1901 to 1911. | 1891 to 1901. |                             | 1921.                         | 1911.  | 1901.  | 1891.  |
|                                | 2                                                     | 3             | 4             |                             | 6                             | 7      | 8      | 9      |
| Province ...                   | 22                                                    | 83            | 72            | 187                         | 297                           | 291    | 269    | 251    |
| Agency ...                     | - 41                                                  | 165           | 24            | 144                         | 75                            | 78     | 67     | 66     |
| East Coast North ...           | 32                                                    | 99            | 88            | 234                         | 345                           | 334    | 304    | 279    |
| Ganjām ...                     | - 19                                                  | 107           | 63            | 154                         | 383                           | 390    | 254    | 247    |
| Vizagapatam ...                | 20                                                    | 44            | 72            | 142                         | 489                           | 474    | 459    | 428    |
| Godāvari ...                   | 17                                                    | 124           | 92            | 249                         | 578                           | 568    | 505    | 463    |
| Kistna ...                     | 68                                                    | 145           | 143           | 398                         | 361                           | 338    | 295    | 258    |
| Guntūr ...                     | 66                                                    | 139           | 133           | 375                         | 316                           | 296    | 260    | 230    |
| Nellore ...                    | 43                                                    | 42            | 28            | 117                         | 174                           | 167    | 116    | 156    |
| Deccan ...                     | - 38                                                  | 38            | 53            | 51                          | 139                           | 145    | 140    | 143    |
| Guddapah ...                   | - 07                                                  | 16            | - 03          | 06                          | 150                           | 151    | 149    | 149    |
| Kurnool ...                    | - 22                                                  | 72            | 66            | 119                         | 121                           | 123    | 115    | 108    |
| Banganapalle ...               | - 67                                                  | 219           | - 91          | 34                          | 144                           | 154    | 127    | 139    |
| Bellary ...                    | - 110                                                 | 23            | 75            | - 21                        | 151                           | 170    | 166    | 154    |
| Sandur ...                     | - 138                                                 | 208           | - 17          | 24                          | 74                            | 86     | 71     | 72     |
| Anantapur ...                  | - 08                                                  | 32            | 82            | 108                         | 142                           | 143    | 139    | 128    |
| East Coast Central ...         | 30                                                    | 79            | 89            | 211                         | 375                           | 364    | 337    | 310    |
| Madras ...                     | 16                                                    | 18            | 126           | 164                         | 18,169                        | 17,885 | 17,564 | 15,604 |
| Chingleput ...                 | 62                                                    | 73            | 91            | 243                         | 486                           | 458    | 427    | 391    |
| Chittoor ...                   | 25                                                    | 56            | 48            | 134                         | 226                           | 221    | 209    | 199    |
| North Arcot ...                | 48                                                    | 120           | 65            | 250                         | 415                           | 396    | 353    | 332    |
| Salem ...                      | 34                                                    | 39            | 128           | 211                         | 306                           | 296    | 285    | 252    |
| Coimbatore ...                 | 49                                                    | 69            | 105           | 232                         | 307                           | 293    | 274    | 248    |
| South Arcot ...                | - 18                                                  | 122           | 76            | 185                         | 551                           | 562    | 501    | 465    |
| East Coast South ...           | 30                                                    | 84            | 54            | 177                         | 442                           | 429    | 396    | 375    |
| Tanjore ...                    | - 15                                                  | 52            | 08            | 49                          | 624                           | 624    | 602    | 598    |
| Trichinopoly ...               | 40                                                    | 78            | 51            | 178                         | 441                           | 424    | 393    | 374    |
| Podukkottai ...                | 36                                                    | 83            | 20            | 144                         | 362                           | 349    | 323    | 316    |
| Madura ...                     | 43                                                    | 129           | 113           | 310                         | 409                           | 392    | 347    | 312    |
| Rāmnād ...                     | 33                                                    | 91            | 45            | 178                         | 356                           | 345    | 316    | 302    |
| Tinnevely ...                  | 62                                                    | 80            | 83            | 242                         | 440                           | 414    | 383    | 354    |
| West Coast ...                 | 33                                                    | 71            | 63            | 176                         | 415                           | 402    | 375    | 353    |
| Nilgiris ...                   | 67                                                    | 51            | 116           | 251                         | 129                           | 121    | 115    | 103    |
| Malabar ...                    | 28                                                    | 78            | 56            | 170                         | 535                           | 521    | 483    | 457    |
| Anjengo ...                    | 62                                                    | 157           | 97            | 347                         | 5,918                         | 5,572  | 4,817  | 4,397  |
| South Kanara ...               | 44                                                    | 53            | 74            | 181                         | 310                           | 297    | 282    | 263    |



## 4.—Variation in natural population (actual figures 000s omitted).

| District.                       | Population in 1921. |             |            |                     | Population in 1911. |             |            |                     | Variation per cent 1911-1921 in natural population Increase (+) Decrease (-) |
|---------------------------------|---------------------|-------------|------------|---------------------|---------------------|-------------|------------|---------------------|------------------------------------------------------------------------------|
|                                 | Actual population.  | Immigrants. | Emigrants. | Natural population. | Actual population.  | Immigrants. | Emigrants. | Natural population. |                                                                              |
| Province ...                    | 42,794              | 210         | 1,731      | 44,315              | 41,870              | 254         | 1,409      | 43,025              | + 3.0                                                                        |
| Agency and East Coast North ... | 12,370              | 564         | 809        | 12,615              | 12,087              | 100         | 202        | 12,189              | + 3.5                                                                        |
| Agency ...                      | 1,496               | 454         | 23         | 1,065               | ...                 | ...         | ...        | ...                 | + 0.4                                                                        |
| Ganjām ...                      | 1,836               | 21          | 220        | 2,035               | 2,221               | 24          | 97         | 2,294               |                                                                              |
| Vizagapatam ...                 | 2,232               | 36          | 486        | 2,682               | 3,190               | 23          | 204        | 3,371               |                                                                              |
| Godāvari ...                    | 1,471               | 99          | 71         | 1,443               | 1,653               | 123         | 55         | 1,585               |                                                                              |
| Kistna ...                      | 2,133               | 63          | 86         | 2,156               | 1,998               | 162         | 42         | 1,878               |                                                                              |
| Guntūr ...                      | 1,810               | 41          | 44         | 1,813               | 1,698               | 76          | 45         | 1,667               | + 14.8                                                                       |
| Nellore ...                     | 1,885               | 33          | 71         | 1,423               | 1,328               | 32          | 97         | 1,393               | + 8.8                                                                        |
| Deccan ...                      | 3,669               | 95          | 108        | 3,682               | 3,815               | 103         | 116        | 3,828               | + 2.2                                                                        |
| Cuddapah ...                    | 888                 | 20          | 42         | 909                 | 894                 | 22          | 51         | 923                 | - 3.8                                                                        |
| Kurnool ...                     | 915                 | 42          | 56         | 929                 | 935                 | 47          | 40         | 928                 | - 1.5                                                                        |
| Banganapalle ...                | 37                  | 3           | ...        | 34                  | 39                  | 9           | ...        | 30                  | + 0.1                                                                        |
| Bellary ...                     | 862                 | 119         | 58         | 801                 | 969                 | 53          | 58         | 974                 | + 13.3                                                                       |
| Sandūr ...                      | 12                  | 2           | ...        | 10                  | 14                  | 3           | ...        | 11                  | - 17.8                                                                       |
| Anantapur ...                   | 956                 | 47          | 91         | 1,000               | 963                 | 56          | 52         | 959                 | - 9.1                                                                        |
| East Coast Central ...          | 11,997              | 217         | 367        | 12,147              | 11,647              | 235         | 441        | 11,853              | + 4.3                                                                        |
| Madras ...                      | 527                 | 177         | 160        | 510                 | 519                 | 173         | 133        | 479                 | + 2.5                                                                        |
| Chingleput ...                  | 1,493               | 79          | 108        | 1,522               | 1,406               | 85          | 138        | 1,459               | + 6.5                                                                        |
| Chittoor ...                    | 1,269               | 45          | 58         | 1,282               | 1,238               | 67          | 34         | 1,205               | + 4.3                                                                        |
| North Arcot ...                 | 2,056               | 70          | 112        | 2,098               | 1,961               | 138         | 173        | 1,996               | + 6.4                                                                        |
| Salem ...                       | 2,112               | 33          | 82         | 2,161               | 2,044               | 35          | 169        | 2,178               | + 5.1                                                                        |
| Coimbatore ...                  | 2,220               | 45          | 69         | 2,244               | 2,117               | 47          | 89         | 2,159               | - 0.8                                                                        |
| South Arcot ...                 | 2,320               | 68          | 78         | 2,330               | 2,363               | 90          | 103        | 2,376               | + 3.9                                                                        |
| East Coast South ...            | 10,586              | 117         | 188        | 10,357              | 9,987               | 149         | 498        | 10,336              | - 1.9                                                                        |
| Tanjore ...                     | 2,326               | 73          | 103        | 2,356               | 2,363               | 88          | 162        | 2,437               | - 0.2                                                                        |
| Trichinopoly ...                | 1,903               | 100         | 90         | 1,893               | 1,830               | 120         | 198        | 1,908               | - 3.3                                                                        |
| Pudukkottai ...                 | 427                 | 37          | 13         | 403                 | 412                 | 36          | 38         | 414                 | - 0.8                                                                        |
| Madura ...                      | 2,007               | 62          | 69         | 2,014               | 1,924               | 72          | 161        | 2,013               | - 2.7                                                                        |
| Rāmnād ...                      | 1,722               | 44          | 56         | 1,734               | 1,667               | 59          | 29         | 1,637               | ...                                                                          |
| Tinnevelly ...                  | 1,901               | 17          | 73         | 1,957               | 1,791               | 24          | 159        | 1,926               | + 5.9                                                                        |
| West Coast ...                  | 4,479               | 60          | 163        | 4,582               | 4,335               | 71          | 159        | 4,423               | + 1.6                                                                        |
| Nilgiris ...                    | 126                 | 40          | 5          | 91                  | 119                 | 39          | 8          | 88                  | + 3.4                                                                        |
| Malabar ...                     | 3,099               | 25          | 84         | 3,158               | 3,015               | 32          | 87         | 3,070               | + 2.9                                                                        |
| Anjengo ...                     | 6                   | 1           | ...        | 5                   | 6                   | 1           | ...        | 5                   | ...                                                                          |
| South Kanara ...                | 1,247               | 6           | 37         | 1,328               | 1,195               | 12          | 77         | 1,260               | + 5.4                                                                        |
| Unspecified ...                 | ...                 | ...         | 929        | 929                 | ...                 | ...         | 397        | 397                 | + 134.0                                                                      |

## 5.—Comparison with vital statistics.

| District and natural division. | In 1911-1921 total number of |            | Number per cent of population of 1911. |         | Excess (+) or deficiency (-) of births over deaths (000s omitted). | Increase (+) or decrease (-) of population of 1921 compared with 1911 (000s omitted). |                    |
|--------------------------------|------------------------------|------------|----------------------------------------|---------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------|
|                                | Births.                      | Deaths.    | Births.                                | Deaths. |                                                                    | Natural population.                                                                   | Actual population. |
| Total ...                      | 12,261,503                   | 10,261,057 | 30.6                                   | 25.6    | + 2,000                                                            | + 1,290*                                                                              | + 924              |
| Agency ...                     | 46,209                       | 48,460     | 21.4                                   | 22.5    | - 2                                                                | + 1,065†                                                                              | - 63               |
| Ganjām ...                     | 486,593                      | 410,158    | 26.0                                   | 21.9    | + 76                                                               | - 259†                                                                                | - 35               |
| Vizagapatam ...                | 694,325                      | 557,106    | 32.0                                   | 25.7    | + 137                                                              | - 689†                                                                                | + 44               |
| Godāvari ...                   | 462,625                      | 384,274    | 32.0                                   | 23.6    | + 78                                                               | - 142†                                                                                | + 25               |
| Kistna ...                     | 656,828                      | 519,438    | 32.9                                   | 26.0    | + 137                                                              | + 278                                                                                 | + 136              |
| Guntūr ...                     | 627,487                      | 457,991    | 37.0                                   | 27.0    | + 169                                                              | + 146                                                                                 | + 112              |
| Nellore ...                    | 311,687                      | 252,818    | 23.5                                   | 19.0    | + 59                                                               | + 30                                                                                  | + 57               |
| Cuddapah ...                   | 239,621                      | 233,717    | 26.8                                   | 26.1    | + 6                                                                | - 14                                                                                  | - 6                |
| Kurnool ...                    | 269,958                      | 283,626    | 28.9                                   | 30.3    | - 14                                                               | + 1                                                                                   | - 23               |
| Bellary ...                    | 287,127                      | 358,818    | 29.2                                   | 36.6    | - 72                                                               | - 174†                                                                                | - 109              |
| Sandūr ...                     |                              |            |                                        |         |                                                                    |                                                                                       |                    |
| Anantapur ...                  | 302,002                      | 291,833    | 31.4                                   | 30.3    | + 10                                                               | + 41                                                                                  | - 7                |
| Madras ...                     | 196,344                      | 219,307    | 38.9                                   | 43.5    | - 23                                                               | + 31                                                                                  | + 8                |
| Chingleput ...                 | 516,544                      | 396,674    | 36.8                                   | 28.3    | + 120                                                              | + 63                                                                                  | + 87               |
| Chittoor ...                   | 365,948                      | 288,934    | 29.5                                   | 23.3    | + 77                                                               | + 77                                                                                  | + 31               |
| North Arcot ...                | 635,868                      | 503,707    | 32.4                                   | 25.7    | + 132                                                              | + 102                                                                                 | + 94               |
| Salem ...                      | 601,680                      | 508,198    | 29.4                                   | 24.9    | + 93                                                               | - 17                                                                                  | + 68               |
| Coimbatore ...                 | 638,203                      | 499,919    | 30.2                                   | 23.6    | + 138                                                              | + 85                                                                                  | + 103              |
| South Arcot ...                | 639,498                      | 542,664    | 27.1                                   | 23.0    | + 97                                                               | - 46                                                                                  | - 42               |
| Tanjore ...                    | 660,414                      | 642,614    | 28.0                                   | 27.2    | + 18                                                               | - 81                                                                                  | - 36               |
| Trichinopoly ...               | 589,067                      | 477,733    | 32.2                                   | 26.1    | + 111                                                              | - 15                                                                                  | + 73               |
| Madura ...                     | 547,604                      | 439,074    | 28.3                                   | 22.7    | + 109                                                              | + 1                                                                                   | + 83               |
| Rāmnād ...                     | 385,661                      | 315,856    | 23.3                                   | 19.0    | + 70                                                               | + 97                                                                                  | + 54               |
| Tinnevelly ...                 | 584,229                      | 454,832    | 32.6                                   | 25.4    | + 129                                                              | + 31                                                                                  | + 111              |
| Nilgiris ...                   | 33,976                       | 34,809     | 29.8                                   | 30.5    | - 1                                                                | + 3                                                                                   | + 8                |
| Malabar ...                    | 1,057,347                    | 822,400    | 35.2                                   | 27.4    | + 235                                                              | + 88                                                                                  | + 84               |
| Anjengo ...                    |                              |            |                                        |         |                                                                    |                                                                                       |                    |
| South Kanara ...               | 424,658                      | 316,097    | 35.5                                   | 26.5    | + 109                                                              | + 68                                                                                  | + 52               |

\* Represents increase for the province (excluding Pudukkottai and Banganapalle States) as a whole, including persons enumerated outside India for whom district of birth is not known.

† Persons born in the Agency division were shown in previous censuses as born in the district in which the particular portion of the Agency was then included.

‡ The figures against this district include those for Sandūr State for which separate vital statistics are not available.

• • Vital statistics for Banganapalle and Pudukkottai States are not available and they do not therefore appear in this table.

## 6.—Variation by taluks or divisions classified according to density.

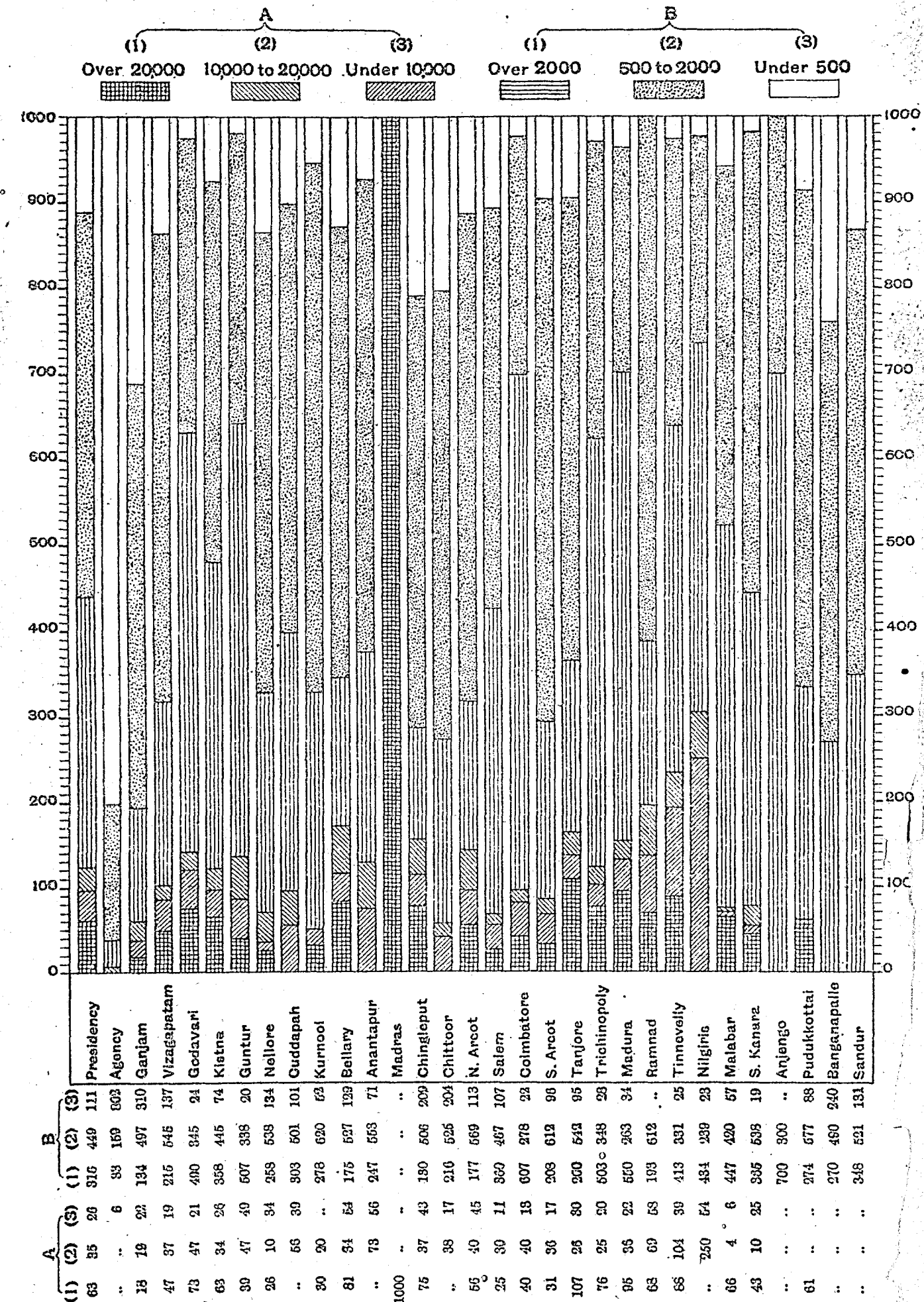
## (a) Actual Variation.

| Natural division.  | Decade.   | Variation in taluks or divisions with a population per square mile at commencement of decade of |           |           |           |             |           |           |               |
|--------------------|-----------|-------------------------------------------------------------------------------------------------|-----------|-----------|-----------|-------------|-----------|-----------|---------------|
|                    |           | Under 100.                                                                                      | 100-150.  | 150-200.  | 200-300.  | 300-450.    | 450-600.  | 600-750.  | 750 and over. |
| 1                  | 2         | 3                                                                                               | 4         | 5         | 6         | 7           | 8         | 9         | 10            |
| Province           | 1911-1921 | - 12,858                                                                                        | - 34,613  | - 86,188  | + 116,665 | + 463,471   | + 349,825 | + 130,273 | - 2,580       |
|                    | 1901-1911 | + 194,642                                                                                       | + 231,032 | + 82,654  | + 664,451 | + 1,156,340 | + 441,460 | + 262,838 | + 188,185     |
|                    | 1891-1901 | + 61,094                                                                                        | + 209,739 | + 301,748 | + 749,584 | + 753,112   | + 296,027 | + 145,008 | + 72,838      |
| Agency...          | 1911-1921 | - 23,160                                                                                        | - 24,661  | - 15,513  | ...       | ...         | ...       | ...       | ...           |
|                    | 1901-1911 | + 153,967                                                                                       | + 62,254  | + 4,872   | ...       | ...         | ...       | ...       | ...           |
|                    | 1891-1901 | + 30,343                                                                                        | + 549     | ...       | ...       | ...         | ...       | ...       | ...           |
| East Coast North   | 1911-1921 | ...                                                                                             | + 13,411  | + 36,887  | + 29,447  | + 71,929    | + 88,754  | + 80,389  | + 18,405      |
|                    | 1901-1911 | ...                                                                                             | + 69,213  | + 26,792  | + 358,378 | + 275,630   | + 191,747 | + 26,668  | ...           |
|                    | 1891-1901 | ...                                                                                             | + 2,499   | + 131,063 | + 171,374 | + 200,399   | + 181,419 | + 88,415  | ...           |
| Deccan             | 1911-1921 | + 10,446                                                                                        | - 36,593  | - 110,398 | - 8,718   | ...         | ...       | ...       | ...           |
|                    | 1901-1911 | + 28,485                                                                                        | + 73,151  | + 23,308  | + 13,197  | ...         | ...       | ...       | ...           |
|                    | 1891-1901 | + 20,704                                                                                        | + 98,211  | + 55,731  | + 10,892  | ...         | ...       | ...       | ...           |
| East Coast Central | 1911-1921 | - 3,083                                                                                         | + 339     | + 2,836   | + 54,431  | + 125,878   | + 171,364 | + 5,240   | - 7,400       |
|                    | 1901-1911 | - 878                                                                                           | + 16,283  | + 27,682  | + 160,239 | + 367,495   | + 160,735 | + 81,006  | + 39,569      |
|                    | 1891-1901 | + 8,034                                                                                         | + 90,887  | + 105,539 | + 365,923 | + 243,548   | + 16,395  | - 26,083  | + 81,301      |
| East Coast South   | 1911-1921 | + 1,175                                                                                         | ...       | ...       | + 29,865  | + 227,123   | + 68,112  | - 9,112   | - 17,558      |
|                    | 1901-1911 | + 2,284                                                                                         | ...       | ...       | + 122,625 | + 421,585   | + 64,597  | + 70,880  | + 90,482      |
|                    | 1891-1901 | + 1,297                                                                                         | ...       | ...       | + 174,972 | + 258,723   | + 36,352  | + 41,513  | - 39,216      |
| West Coast         | 1911-1921 | + 1,764                                                                                         | + 12,891  | ...       | + 11,640  | + 38,541    | + 21,595  | + 53,756  | + 3,973       |
|                    | 1901-1911 | + 10,784                                                                                        | + 16,131  | ...       | + 12,012  | + 91,640    | + 24,381  | + 84,284  | + 53,134      |
|                    | 1891-1901 | + 716                                                                                           | + 17,593  | + 9,415   | + 26,423  | + 50,442    | + 61,861  | + 41,163  | + 30,753      |

## Proportion per Mille of the Population of each District Living in

## A. Urban Areas

## B. Villages

(1) of over 20,000 (2) 10,000 to 20,000 &  
(3) under 10,000 inhabitants(1) of over 2,000 (2) 500 to 2,000 &  
(3) under 500 inhabitants

## 6.—Variation by taluks or divisions classified according to density—concluded.

## (b) Proportional Variation.

| Natural division.    | Decade.   | Variation per cent in taluks or divisions with a population per square mile at commencement of decade of. |          |          |          |          |          |          |               |
|----------------------|-----------|-----------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|---------------|
|                      |           | Under 100.                                                                                                | 100-150. | 150-200. | 200-300. | 300-450. | 450-600. | 600-750. | 750 and over. |
| 1                    | 2         | 3                                                                                                         | 4        | 5        | 6        | 7        | 8        | 9        | 10            |
| Province ...         | 1911-1921 | - 1.1                                                                                                     | - 1.2    | - 2.5    | + 2.3    | + 4.0    | + 3.7    | + 3.2    | - 0.1         |
|                      | 1901-1911 | + 17.0                                                                                                    | + 6.6    | + 3.1    | + 9.8    | + 9.5    | + 8.7    | + 5.7    | + 6.7         |
|                      | 1891-1901 | + 5.3                                                                                                     | + 5.2    | + 10.0   | + 10.1   | + 7.6    | + 6.5    | + 4.0    | + 3.2         |
| Agency ...           | 1911-1921 | - 3.2                                                                                                     | - 4.3    | - 6.1    | ...      | ...      | ...      | ...      | ...           |
|                      | 1901-1911 | + 25.4                                                                                                    | + 9.5    | + 6.3    | ...      | ...      | ...      | ...      | ...           |
|                      | 1891-1901 | + 5.5                                                                                                     | + 0.1    | ...      | ...      | ...      | ...      | ...      | ...           |
| East Coast North ..  | 1911-1921 | ...                                                                                                       | + 3.0    | + 4.0    | + 1.8    | + 3.3    | + 2.4    | + 6.7    | + 3.9         |
|                      | 1901-1911 | ...                                                                                                       | + 8.8    | + 16.4   | + 12.6   | + 8.3    | + 1.9    | ...      | ...           |
|                      | 1891-1901 | ...                                                                                                       | + 0.3    | + 1.2    | + 8.0    | + 12.6   | + 8.4    | + 9.2    | ...           |
| Deccan ...           | 1911-1921 | + 4.9                                                                                                     | - 2.2    | - 8.0    | - 1.5    | ...      | ...      | ...      | ...           |
|                      | 1901-1911 | + 10.2                                                                                                    | + 4.5    | + 2.4    | + 1.7    | ...      | ...      | ...      | ...           |
|                      | 1891-1901 | + 6.0                                                                                                     | + 5.3    | + 5.5    | + 3.7    | ...      | ...      | ...      | ...           |
| East Coast Central.  | 1911-1921 | - 3.1                                                                                                     | + 0.7    | + 0.3    | + 2.8    | + 4.6    | + 4.2    | + 1.2    | - 0.5         |
|                      | 1901-1911 | - 0.9                                                                                                     | + 6.7    | + 3.1    | + 9.2    | + 8.6    | + 9.3    | + 11.1   | + 3.7         |
|                      | 1891-1901 | + 8.8                                                                                                     | + 18.3   | + 13.4   | + 13.4   | + 7.4    | + 1.7    | - 2.7    | + 10.3        |
| East Coast South ... | 1911-1921 | + 5.4                                                                                                     | ...      | ...      | + 4.6    | + 4.1    | + 6.8    | - 0.8    | - 1.1         |
|                      | 1901-1911 | + 11.6                                                                                                    | ...      | ...      | + 7.1    | + 9.3    | + 11.8   | + 5.7    | + 8.0         |
|                      | 1891-1901 | + 7.1                                                                                                     | ...      | ...      | + 8.7    | + 6.2    | + 10.0   | + 3.6    | - 3.9         |
| West Coast ...       | 1911-1921 | + 2.7                                                                                                     | + 4.9    | ...      | + 3.6    | + 3.8    | + 2.8    | + 4.1    | + 0.7         |
|                      | 1901-1911 | + 7.8                                                                                                     | + 5.9    | ...      | + 3.8    | + 8.0    | + 4.7    | + 6.8    | + 10.3        |
|                      | 1891-1901 | + 0.5                                                                                                     | + 11.3   | + 23.1   | + 5.6    | + 5.8    | + 5.6    | + 7.6    | + 6.3         |

## 7.—Persons per 1,000 houses and houses per 1,000 square miles.

| Natural division.      | Number of persons per 1,000 houses. |       |       |       | Number of houses per 1,000 square miles. |        |        |        |
|------------------------|-------------------------------------|-------|-------|-------|------------------------------------------|--------|--------|--------|
|                        | 1921.                               | 1911. | 1901. | 1891. | 1921.                                    | 1911.  | 1901.  | 1891.  |
| 1                      | 2                                   | 3     | 4     | 5     | 6                                        | 7      | 8      | 9      |
| Province ...           | 5,085                               | 5,289 | 5,260 | 5,310 | 58,506                                   | 55,005 | 50,315 | 47,577 |
| Agency ...             | 4,412                               | 4,580 | 4,461 | 4,511 | 17,058                                   | 17,410 | 15,514 | 14,969 |
| East Coast North ...   | 4,896                               | 5,097 | 5,160 | 5,148 | 70,400                                   | 65,137 | 58,706 | 54,346 |
| Deccan ...             | 4,828                               | 5,043 | 5,089 | 4,907 | 28,846                                   | 28,738 | 27,679 | 27,355 |
| East Coast Central ... | 5,444                               | 5,790 | 5,872 | 5,751 | 68,841                                   | 62,540 | 59,060 | 55,369 |
| East Coast South ...   | 4,969                               | 5,098 | 5,185 | 5,166 | 88,864                                   | 84,086 | 76,701 | 72,671 |
| West Coast ...         | 5,445                               | 5,580 | 5,653 | 5,746 | 76,335                                   | 71,841 | 66,253 | 63,466 |

## CHAPTER II.—POPULATION OF CITIES, TOWNS AND VILLAGES.

Reference  
to statistics

IMPERIAL Table I distinguishes the urban from the rural population; Imperial Table III shows the population living in towns and villages of different sizes; Imperial Table IV gives a list of towns classified by population with variations since 1871; and Imperial Table V gives another list of towns by districts with the population classified by religion. At the end of this chapter are four subsidiary tables; (1) showing the distribution of the population between towns and villages, (2) giving the number per mille of the population and of each main religion who live in towns, (3) classifying towns by population, and (4) giving certain general statistics for the 17 towns, which, for the purposes of the census, have been treated as cities.

## Definitions

2. At a census the Government of India define a "city" as a town with a population of 100,000; and for all cities special statistics regarding age, literacy, birth-place, and occupations are published. The Government of Madras, however, desired that these special statistics, which in 1911 were prepared for all towns with a population of 50,000 and over, should again be worked up for all towns of this size; consequently in this report the term city is applied to all those towns for which the special statistics have been tabulated. The special statistics will be found at the end of Imperial Tables VII, VIII, XI and XVI and at the foot of each page of Imperial Table XVII. A "town" includes all municipalities, cantonments, and every other continuous collection of houses inhabited by not less than 5,000 persons which the Census Superintendent may consider fit to be treated as a town. A "village" in Madras is not a residential unit but the familiar administrative unit and may contain several residential units or hamlets.

Population  
of towns and  
villages

3. The diagram opposite shows the proportion of the population of each district who live in towns and villages of different sizes. It will be seen that after Madras, the district with the proportionately largest urban population is the Nilgiris; then come Tinnevely, Rāmnād, Bellary, Tanjore, Chingleput and Madura in all of which the urban population is over 150 per mille of the district population. In the Agency 80 per cent of the population live in villages with a population under 500; in Gōdāvari, Guntūr, Coimbatore, Trichinopoly, Madura, Tinnevely, the Nilgiris and Malabar the majority of the village population prefer large villages with a population over 2,000; but in all other districts the smaller villages are much more popular.

Urban  
population  
compared  
with other  
provinces

4. It is instructive to compare the proportion of the population of Madras who live in towns with similar figures for other parts of India and with the figure for England and Wales. Second only to Bombay among the greater Provinces of India in respect of the proportion of those living in towns, Madras has a good lead—which is increasing—over all other parts of the country. But not even Bombay can yet claim to approach anywhere near the proportion of urban population shown by the industrial countries of Europe.

| Country or province. | Number per mille<br>who live in towns. |       |
|----------------------|----------------------------------------|-------|
|                      | 1921.                                  | 1911. |
| England and Wales    | ...                                    | 781   |
| India                | ...                                    | 95    |
| Bombay               | 211                                    | 193   |
| Madras               | 124                                    | 118   |
| United Provinces...  | 106                                    | 102   |
| Punjab               | 103                                    | 111   |
| Burma                | 98                                     | 93    |
| Central Provinces    | 90                                     | 85    |
| Bengal               | 69                                     | 65    |
| Bihar and Orissa     | 37                                     | 37    |

5. The movement of the urban population of the Presidency is seen in subsidiary tables 3, 3-A and 3-B. The comparative growth of the urban population in each natural division is as shown in the margin. The East Coast South division still contains the largest number of dwellers in towns, but the greatest increase in the decade has been in the East Coast North division. In the decade 1901-1911 the urban population rose from 11.1 per cent of the total population to 11.7, a rate of increase which has just been bettered in the last decade. Subsidiary table 3-A shows the increase of the urban population living in towns of different sizes. Part of this increase is due to the formation of new towns, and part to the increase of the population of old towns. We see that compared with 1911 there are now a larger number of people living in towns containing 50,000 to 100,000 persons and also in the smaller towns containing less than 10,000. Between 1901 and 1911 the increase was in the population of the small towns and in that of those containing 20,000 to 50,000 people. The variation is explained by the facts that certain towns which are now in the class 50,000-100,000 were in 1911 in the class below, and that a number of places have newly been included in the list of towns with a population below 10,000.

Growth of  
population  
of towns

| Natural division.  | Number per mille<br>who live in towns. |       |
|--------------------|----------------------------------------|-------|
|                    | 1921.                                  | 1911. |
| Province           | 124                                    | 117   |
| Agency             | 6                                      | ...   |
| East Coast North   | 106                                    | 96    |
| Deccan             | 109                                    | 107   |
| East Coast Central | 138                                    | 134   |
| East Coast South   | 167                                    | 159   |
| West Coast         | 83                                     | 81    |

6. Subsidiary table 3-B exhibits the rate of growth of the places which are now treated as towns; comparing the present population of these places with the population enumerated in 1911. While the population as a whole has increased by 2.2 per cent, the urban population has risen only by 1.7 per cent. The greatest growth has been in the towns of moderate size with between 10,000 and 50,000 inhabitants; the large towns show a very slight increase of population; and the small towns contain considerably fewer people than they did in 1911.

7. Subsidiary table 2 shows for each main religion the proportion who live in towns in each natural division. It shows that those who follow religions foreign to the Presidency, e.g., Buddhists, Parsis, Jews and Brahmos, are almost exclusively residents of towns. So are the Jains except in the East Coast Central and West Coast divisions, where, as we shall see in Chapter IV, they are indigenous agriculturists. Animists—as might be expected—do not favour a town life, while Muhammadans and Christians are more attracted by it than Hindus.

8. There are only three places in Madras which come within the Government of India's definition of a city, having a population exceeding 100,000. These cities are Madras, Madura and Trichinopoly. The population of Madras has increased by only 1.6 per cent, that of Madura by 2.8 per cent, while that of Trichinopoly has fallen by 2.5 per cent. The density of the city of Madras is 18,169 persons per square mile, but any one familiar with the city will immediately understand that there is a very wide difference in this respect between the various divisions. The most densely populated division is the 10th division in the heart of Georgetown with a density of 161 persons per acre or 103,040 persons per square mile; and the most sparsely populated part of the city is Fort St. George, which accommodates only two persons per acre or 1,280 persons per square mile. This comparatively sparse population is explained by the fact that within the limits of Fort St. George are included not only the land inside the fort proper but also a considerable extent of unoccupied land all round it; and again of the buildings within the fort, some are used only as offices and are worth from the census point of view nothing more than a watchman or two left to guard them at night.

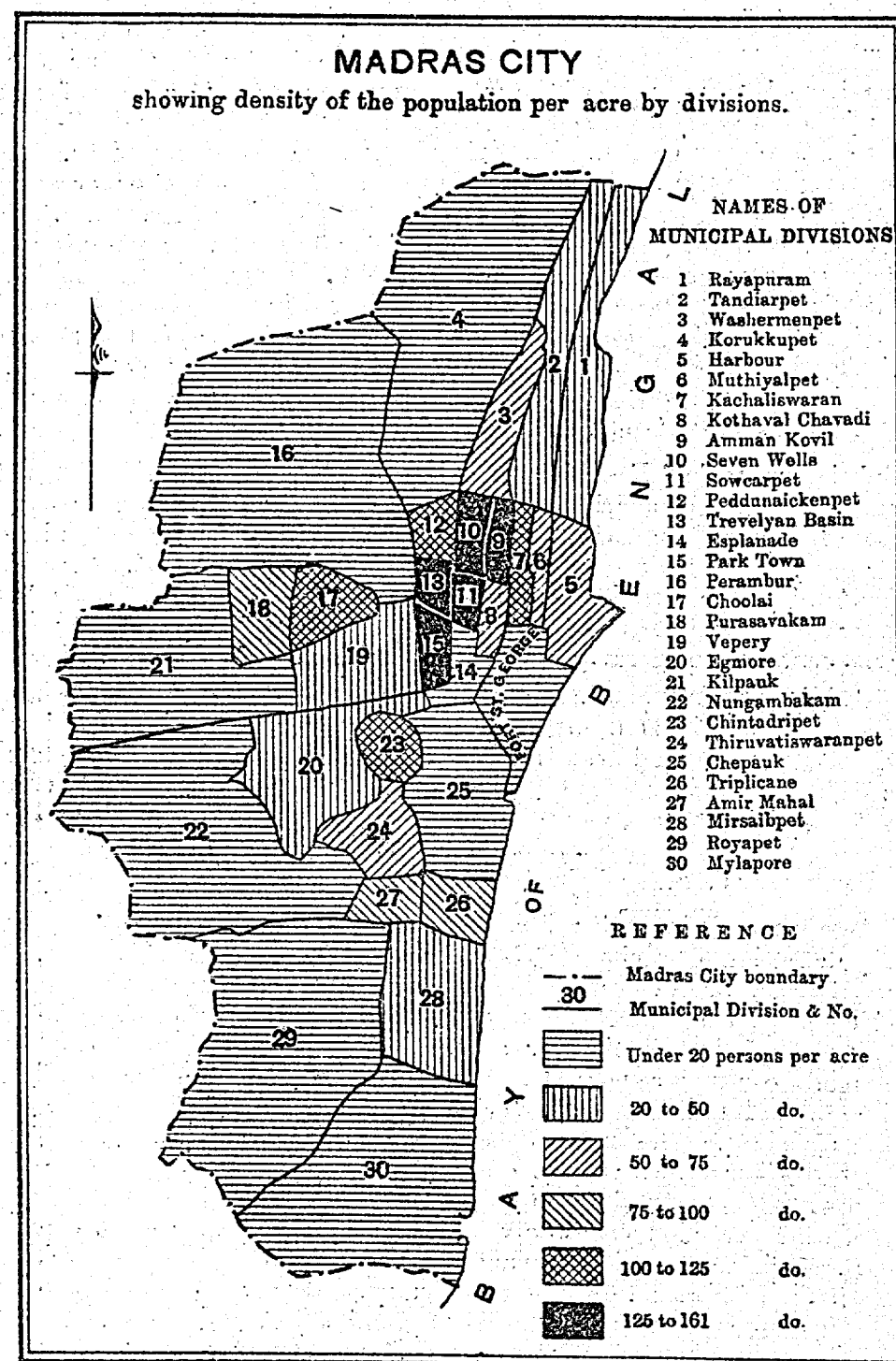
Cities in  
Madras

9. The annexed map shows the density of each division in the city of Madras. The thinly populated divisions, with the exception of Fort St. George are those on the north, west and south boundaries. The most thickly populated parts of the city are divisions 9, 10, 11, 13 and 15, all in Georgetown. Madras has the

Madras city



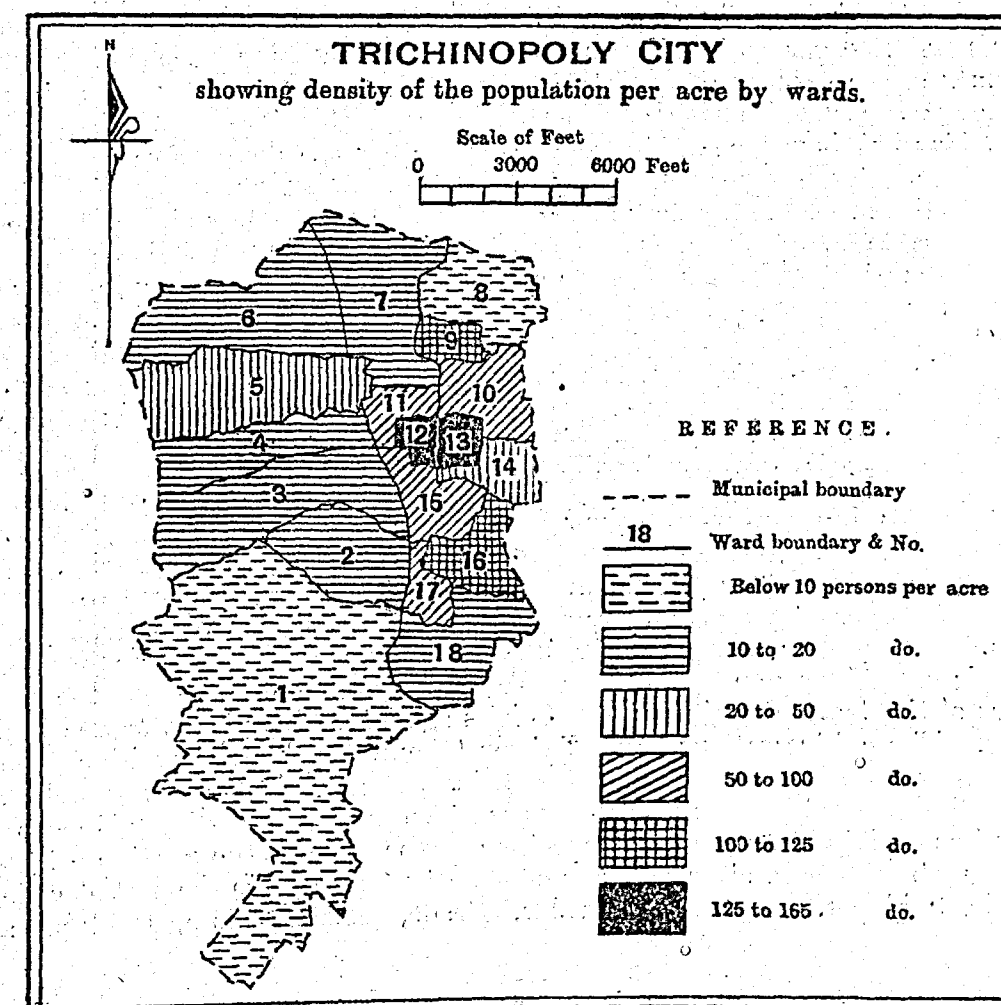
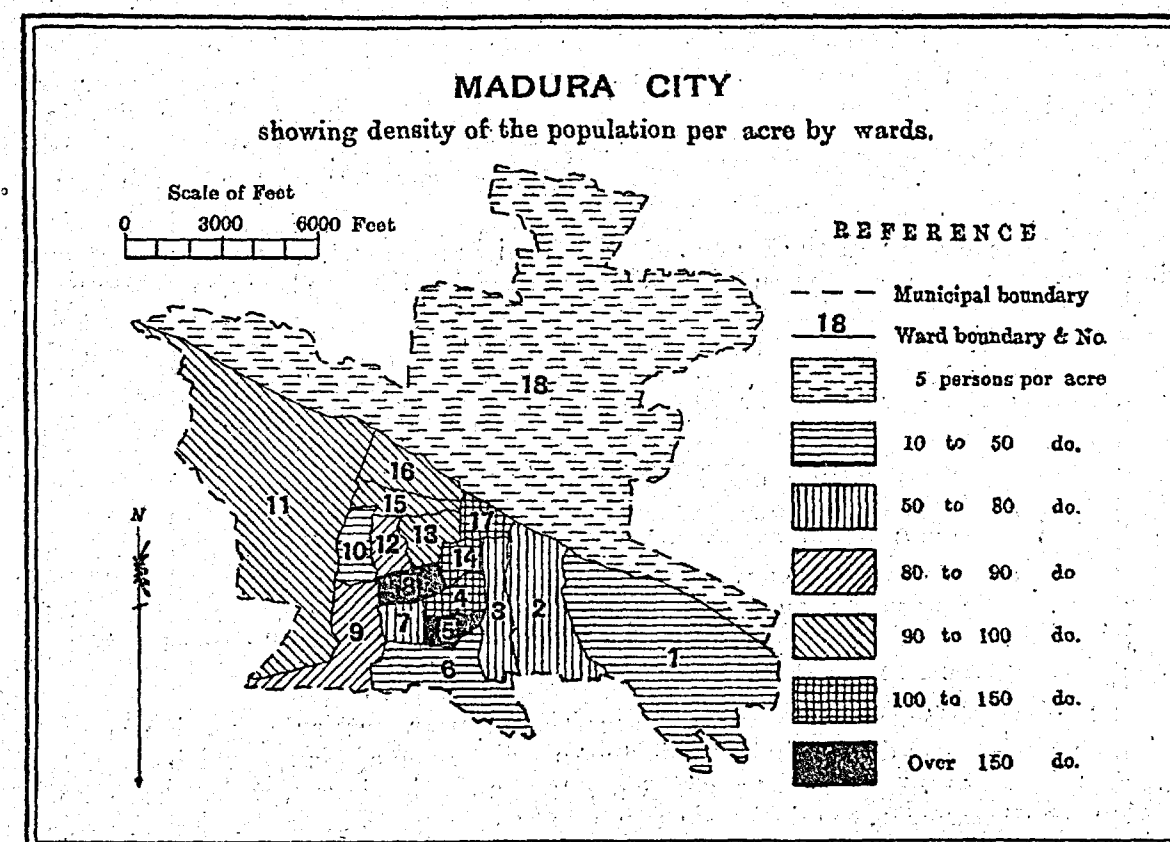
unenviable notoriety of having a higher death-rate than any district in the Presidency. During the past ten years the number of deaths in the city has exceeded the number of births by no less than 22,963 or 11·7 per cent. Thus the increase of 8,251 recorded in the decade is due entirely to immigration.



Madura and  
Trichinopoly

10. Appended are similar maps showing the density in each ward of the cities of Madura and Trichinopoly. In Madura the density varies from 3,200 persons per square mile in ward 18 to 111,360 persons per square mile in ward 5, while in Trichinopoly the range is from 3,840 persons in ward 8 to 105,600 persons in ward 13. Madura is the centre of a great indigenous dyeing industry and has

also two large cotton mills which employ a considerable number of labourers. Trichinopoly possesses no special industry but is a great centre of trade.





## Other cities

11. Besides these three cities, there are fourteen other towns treated as cities under the orders of the Government of Madras. Three of these towns, Mangalore, Rajahmundry and Vellore, are newly included in the list of cities. The population of Mangalore, an important industrial, commercial and educational centre on the West Coast, has increased in the decade by 11.3 per cent. Rajahmundry, which has also grown by just over 11 per cent, is the principal trade centre for the Gōdāvari delta and also for part of the Agency. Vellore, the population of which has increased by less than one per cent, owes its importance partly to historic tradition and partly to the fact that it is the headquarters of the North Arcot district.

12. The growth of the seventeen cities within the last fifty years is set out in subsidiary table 4 at the end of this chapter and is illustrated by the diagram on page 40. The towns which have increased most in the half century are Cocanada, Rajahmundry, Madura and Tinnevely. Of these Cocanada has apparently reached the limit of expansion, for in the last decade there has been a slight fall in its population. Rajahmundry, on the other hand, has shown a consistent growth; though the rate of expansion has somewhat slackened since 1911. The small increase in the population of Madura since 1911 is attributed to the fact that plague was present in the town at the time of the census of 1921, when as many as 15,000 to 20,000 residents are said to have left the town on this account. The increase in the case of Tinnevely is mainly due to the absorption of outlying suburbs. The town is an important commercial and educational centre; it adjoins Palamcottah which is the headquarters of the Tinnevely district and it contains famous temples which contribute to its attractions.

## Variation in population of cities

13. It will be seen that seven of the cities return a smaller population in 1921 than in 1911. The decline in Salem is due to a visitation of plague which coincided with the census. In the case of Negapatam and Cuddalore, which have both fallen by 10 per cent, the decline is attributed to slackness of trade. To the same reason is ascribed the slight fall in the population of Cocanada. In the case of Trichinopoly the decrease in the population is ascribed to high mortality which, in turn, is attributed partly to distress consequent on the high price of food-stuffs and partly to the epidemic of influenza. To the same causes may be attributed the decrease in the population of Kumbakonam and Tanjore. The cities which show the largest increase in the population during the decade are Bellary and Conjeeveram. Twenty years ago the population of Bellary was 58,247; in 1911 on account of plague the population fell to just below 35,000; and the increase in the past decade brings the population up to nearly 40,000. This indicates that, granted favourable conditions, there is a possibility that Bellary may in course of time regain its former position. The growth of Conjeeveram cannot be ascribed to any special circumstances. It is a town of religious importance and contains temples which are the objects of the constant pilgrimage. The town is situated in the middle of a fertile stretch of country and possibly part of its expansion is due to a growing tendency amongst the larger landholders to forsake their villages for the greater convenience and comfort of life in a town.

## Towns

14. Towns in Madras owe their importance to a variety of circumstances. Some, such as Tuticorin or Virudupatti, depend largely on local industries. Bezwada and Erode owe their importance to their commerce. Others like Srivilliputtūr, Srirangam and Chidambaram have grown up round large and famous temples. Others again like Nellore and Kurnool derive part of their importance from their past history and part from the fact that they now form the headquarters of the local administration. Others again combine several or all of these features. These illustrations have all been taken from the towns with a population between 20,000 and 50,000 placed in class III in Imperial Table IV. But it will be found that practically every town included in the table can be classified as deriving its urban features from one or other of these main characteristics. Of the towns in class III an increase of population in the last decade is shown in Saidapet, Bezwada, Tiruvālūr, Erode, Tenāli, Ellore, Dindigul, and

Guntūr. Saidapet is practically a suburb of Madras. Recently it has been constituted a municipality; part of the increase is due to the growth of the suburban population and part to the inclusion in the municipality of areas which formerly lay outside the town. (Bezwada, as has already been mentioned, is an important trade centre situated at the junction of five railways and at the head of the Kistna canal system. Its rapid growth from 8,000 in 1871 to 44,000 in 1921 bears an eloquent testimony to the increase in the trade of that part of the country. Of the other towns mentioned, Tiruvālūr owes its apparent increase of population to the fact that at the time of the census a large festival was in progress at which about 10,000 visitors are reported to have been present. Many of these visitors were enumerated in the town on the census night and helped to swell the population to its present limits. Erode is an important trade centre. In Tenāli it is reported that the increase of population is due to immigration from the surrounding villages partly to obtain facilities for education and partly for the purpose of securing work. Ellore, Dindigul and Guntūr are centres of trade and industry and all three have a considerable official population.

15. Among the towns there are 18 which do not conform to the condition which requires a population of at least 5,000 in each place before it can be termed a town. Eight of these places have been included in the list of towns for the first time at this census. It was confidently expected that the population would not fall short of 5,000, but owing to the adverse circumstances of the last years of the decade, the visitation of influenza and the general distress owing to the rapid rise in prices, these expectations were not fulfilled. The remarkably small population of Kāvēripattanam is due to the fact that at the time of the census the greater part of the town was evacuated on account of plague; and the abnormal fall in the population of Melūr from 9,972 in 1911 to 4,774 in 1921 is ascribed partly to plague and partly to the exclusion of an important hamlet from the union administration.

16. In the case of towns the municipal or union chairman was, as a rule, the charge superintendent for the limits of his local jurisdiction. Consequently the limits of the census towns coincide exactly with the limits of the area under municipal or union administration. Areas beyond these limits, even though possibly urban in character, are not included in the statistics of the town. (Generally speaking, the census returns may be said to represent the normal population of the towns; though in some cases, of which instances have been given, an abnormally small rise or an actual fall is due to a partial evacuation of the town on account of plague. A large fall in the population of some other towns, e.g., Badvel, Vempalle, Kanigiri, Rāzampēta, Tanuku and Madanapalle, is due to the exclusion of outlying hamlets or villages from the union administration and hence from the town limits. The fall in the population of Tiruchendūr in the Tinnevely district is ascribed to the fact that the census of 1921 did not coincide with the annual festival as was the case in 1901 and 1911. An abnormal increase shown in the case of a town like Rēpalle is usually due to the inclusion of adjoining villages in the newly formed municipal administration or to improvement in railway communications.

17. In the census report for 1911 Mr. Molony drew attention to the fact that urban life, such as it is, appeals to the Tamil more than to the other peoples of the Presidency. This feature is still characteristic of Madras as the annexed statements show:—

| CITIES.       |         |             | TOWNS (INCLUDING CITIES). |         |             |
|---------------|---------|-------------|---------------------------|---------|-------------|
| —             | Number. | Population. | —                         | Number. | Population. |
| Total ...     | 17      | 1,538,134   | Total ...                 | 317     | 5,304,806   |
| Tamil ...     | 12      | 1,254,942   | Tamil ...                 | 175     | 3,298,553   |
| Telugu ...    | 2       | 107,139     | Telugu ...                | 111     | 1,469,638   |
| Malayālam ... | 1       | 82,334      | Malayālam ...             | 9       | 242,393     |
| Others ...    | 2       | 93,719      | Others ...                | 22      | 294,172     |

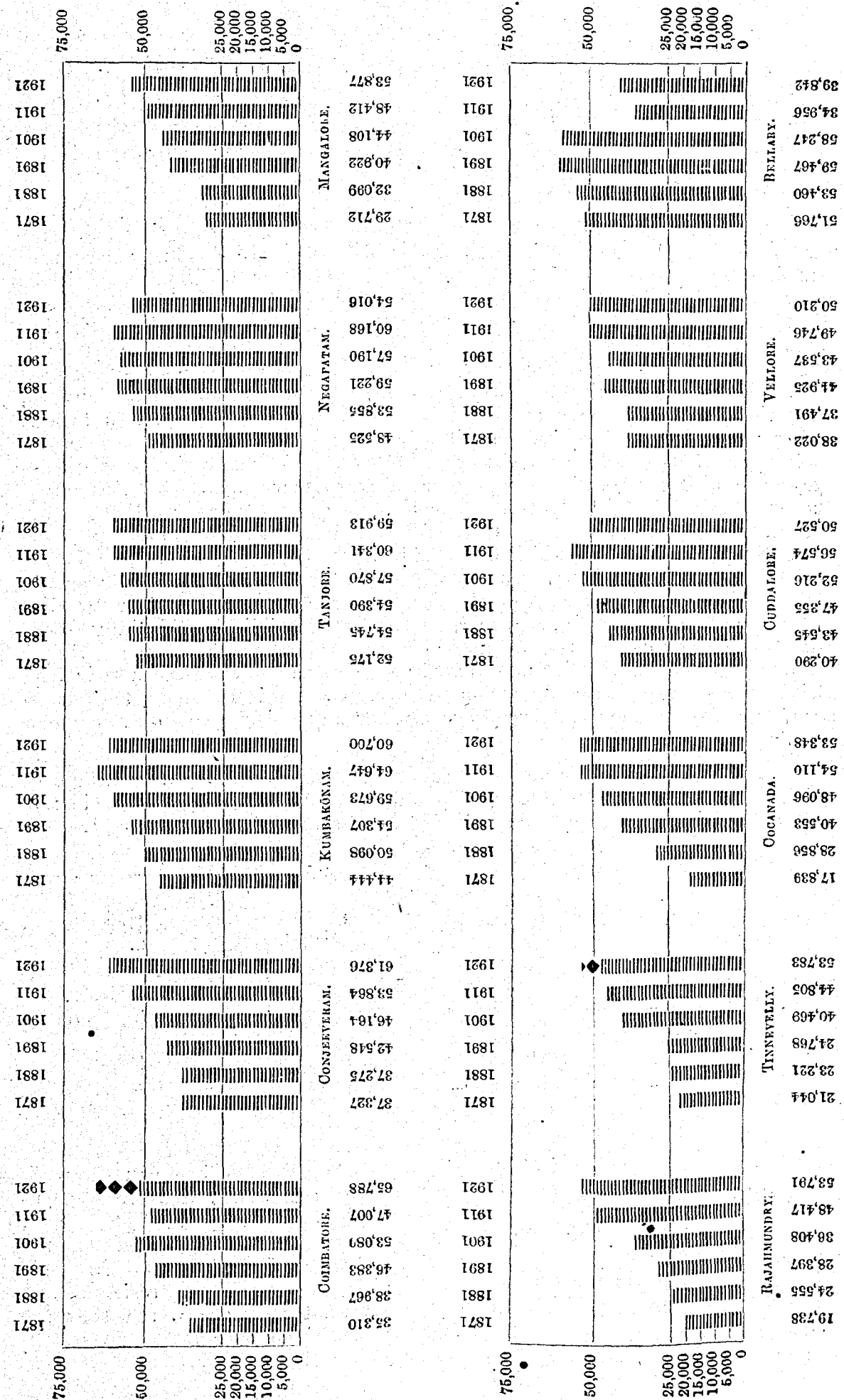
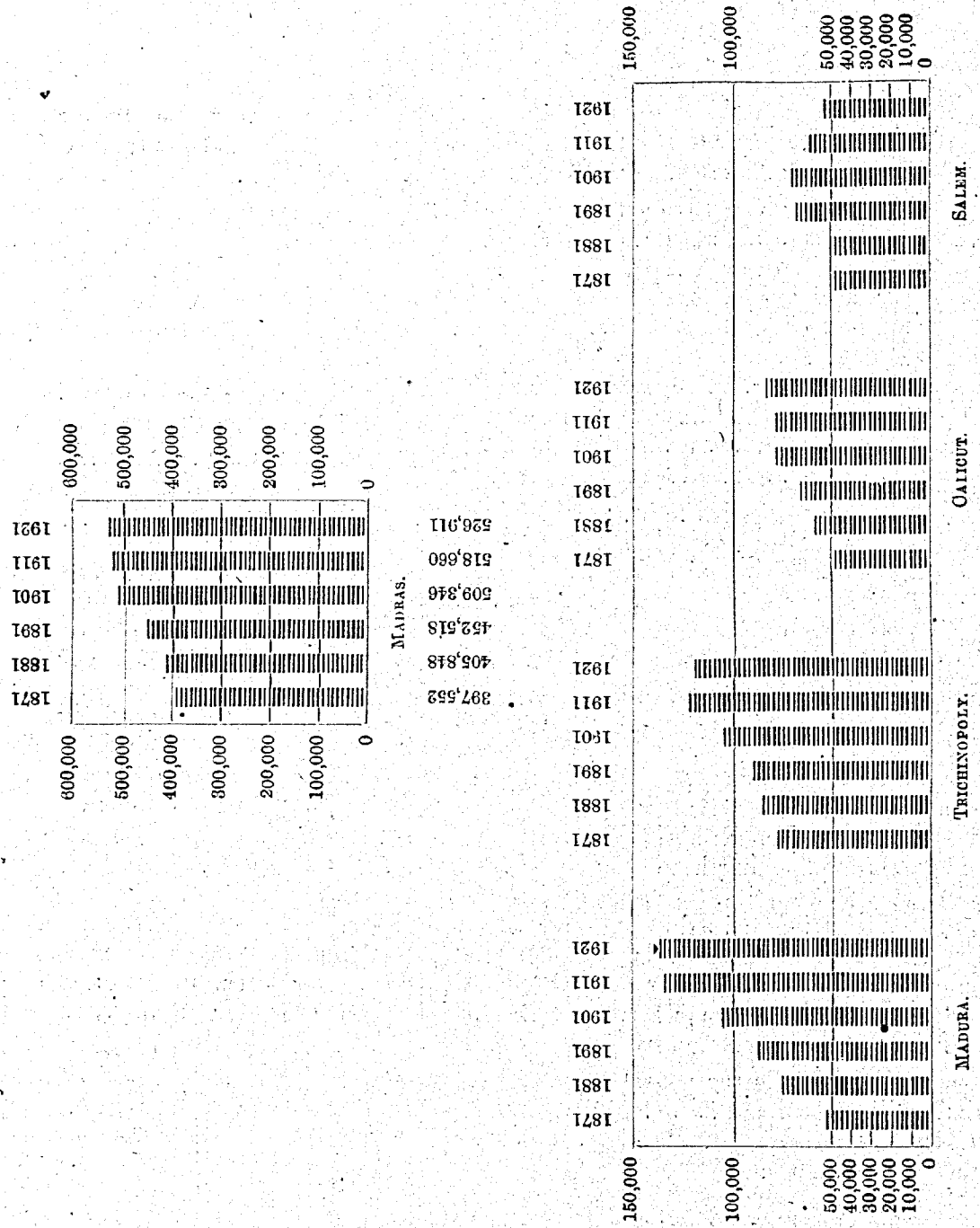
Towns with population below 5,000

Variation in population of towns

Proportion of urban population in different parts of the Presidency

*Variation in population 1871-1921 in each municipality of which the population exceeded 50,000 in 1921.*

*Note.*—Population added by extensions of boundary is indicated by the thick type [■] portions of the columns. These portions in each case represent the population of the added area at the census last preceding the extension of boundary.



|                | Total population. | Urban population. | Percentage of urban to total population. |
|----------------|-------------------|-------------------|------------------------------------------|
| Total ...      | 42,794,155        | 5,304,808         | 12.4                                     |
| Tamil country. | 21,284,980        | 3,298,553         | 15.5                                     |
| Telugu ..      | 13,843,329        | 1,469,688         | 10.6                                     |
| Malayalam ..   | 3,361,720         | 242,393           | 7.2                                      |
| Others ...     | 4,299,126         | 294,172           | 6.8                                      |

18. But a truer comparison is to be obtained by examining the proportion in which the urban population stands to the total population of the several tracts of country. This comparison is given in the margin.

Villages in Madras

19. Generally speaking the census village is not a residential unit, but the administrative unit which constitutes the charge of a village headman. But in a country so extensive as the Madras Presidency, with such varieties of climate, and inhabited by such diverse races it is natural to find villages of many different types. There is the village common in the Agency division "a tiny temporary affair, containing only a couple of huts and a cattle byre," perpetually shifted according to the exigencies of the season or the requirements of cultivation. Or there is the village typical of the Deccan, fortified up to 100 years ago, and still presenting traces of the old stone walls and circular watch towers. Being compelled to live within fortifications the people were forced to crowd their square flat-roofed houses close together so that in many villages there are only one or two streets wide enough to admit an ordinary country cart, the other thoroughfares being merely tortuous lanes. For the same reason hamlets are rare in the Deccan districts. Villages of this type are found also in those portions of the Salem district which were the scene of successive campaigns in the Mysore wars. Or again the ordinary villages of the Tamil country will contain three or four broad streets, each bordered by the houses of the better class villagers; these houses will, as a rule, be substantial buildings of solid masonry with tiled or terraced roofs. Behind or interspersed among these houses will be a shapeless cluster of thatched mud huts in which the humbler folk lead their lives. It is in these quarters that congestion and overcrowding is common; the houses are frequently huddled close together without any consideration of drainage or ventilation.

Villages and hamlets

20. It is in these southern districts that there is the greatest difference between the village as an administrative and as a residential unit. Examination of the conditions of a few taluks in different parts of the Presidency gives the following result:—

| District.      | Taluk.          | Number of villages. | Number of hamlets (excluding villages mentioned in col. 3). | Total residential units. |
|----------------|-----------------|---------------------|-------------------------------------------------------------|--------------------------|
| Godāvari ...   | Amalāpuram ...  | 120                 | 170                                                         | 290                      |
| Anantapur ...  | Anantapur ...   | 117                 | 104                                                         | 221                      |
| Chingleput ... | Conjeeveram ... | 324                 | 104                                                         | 328                      |
| Coimbatore ... | Dhārāpuram ...  | 86                  | 820                                                         | 906                      |
| Tanjore ...    | Nannilam ...    | 252                 | 376                                                         | 628                      |
| Rāmnād ...     | Sāttūr ...      | 249                 | 315                                                         | 564                      |

| Natural division.    | Number of villages. |        | Average population of a village. |       |
|----------------------|---------------------|--------|----------------------------------|-------|
|                      | 1901.               | 1911.  | 1901.                            | 1911. |
| Agency ...           | 12,846              | 13,229 | 116                              | 119   |
| East Coast North ... | 11,724              | 11,792 | 829                              | 806   |
| Deccan ...           | 3,488               | 3,511  | 938                              | 971   |
| East Coast Central.  | 12,087              | 12,815 | 855                              | 769   |
| East Coast South ... | 9,506               | 9,933  | 901                              | 869   |
| West Coast ...       | 3,057               | 3,063  | 1,344                            | 1,300 |

Thus it is of little value to work out and exhibit the average population of a village. The figures, however, to some extent illustrate the differences in social customs between different parts of the Presidency and for what they are worth they are given in the margin.

These figures illustrate first the marked difference between the Agency and the rest of the Presidency to which reference has been made above. Secondly, they show that there has been an universal decrease in the number of villages; this probably is due to the introduction of economies in the administration. Thirdly, they show that everywhere except in the Agency and in the Deccan the average population of a village is greater now than it was ten years ago. And, lastly, they make clear the peculiar conditions of the West Coast.

21. For the West Coast village is entirely different from that of any other part of the Presidency. Except for a few bazaars, the houses are not built in regular or irregular streets. But "each house, even the humblest, stands in its own little compound or garden, which is usually thickly planted with areca and coconut palms, jack trees, plantains, betel and pepper vines and the like." The "village" here again is an administrative unit, it may cover a wide area, and it may contain a great number of isolated homesteads. It is this peculiarity—coupled with the luxurious vegetation of the West Coast—which gives the whole of Malabar the appearance of a beautiful garden, where live a race of prosperous lotus-eaters, each family nestling under its own pepper vine and jack tree. And it is due to this peculiarity that in Malabar it was impossible for the enumerators to conduct the final census by night. On the East Coast the 25 or 30 houses allotted to an enumerator were all situated close together, in one or at the most two streets; but in Malabar to visit 25 or 30 houses probably involved a prolonged tramp along dark and deserted jungle paths.

The West Coast village

## 1.—Distribution of the population between towns and villages.

| Natural division.      | Average population per |          | Number per mille residing in |           | Number per mille of urban population residing in towns with a population of |                   |                  |              | Number per mille of rural population residing in villages with a population of |                 |               |            |
|------------------------|------------------------|----------|------------------------------|-----------|-----------------------------------------------------------------------------|-------------------|------------------|--------------|--------------------------------------------------------------------------------|-----------------|---------------|------------|
|                        | Town                   | Village. | Towns.                       | Villages. | 20,000 and over.                                                            | 10,000 to 20,000. | 5,000 to 10,000. | Under 5,000. | 5,000 and over.                                                                | 2,000 to 5,000. | 500 to 2,000. | Under 500. |
|                        |                        |          |                              |           |                                                                             |                   |                  |              |                                                                                |                 |               |            |
| 1                      | 2                      | 3        | 4                            | 5         | 6                                                                           | 7                 | 8                | 9            | 10                                                                             | 11              | 12            | 13         |
| Province ...           | 16,734                 | 711      | 124                          | 876       | 510                                                                         | 283               | 192              | 15           | 55                                                                             | 306             | 512           | 127        |
| Agency ...             | 9,669                  | 116      | 6                            | 994       | ...                                                                         | ...               | 1,000            | ...          | 4                                                                              | 29              | 160           | 807        |
| East Coast North ...   | 14,056                 | 829      | 106                          | 894       | 422                                                                         | 312               | 247              | 19           | 35                                                                             | 323             | 509           | 133        |
| Deccan ...             | 11,399                 | 938      | 109                          | 891       | 246                                                                         | 418               | 308              | 28           | 27                                                                             | 256             | 617           | 100        |
| East Coast Central ... | 20,201                 | 855      | 138                          | 862       | 585                                                                         | 253               | 148              | 14           | 46                                                                             | 285             | 543           | 123        |
| East Coast South ...   | 17,362                 | 901      | 167                          | 833       | 520                                                                         | 290               | 179              | 11           | 79                                                                             | 360             | 511           | 50         |
| West Coast ...         | 20,573                 | 1,344    | 83                           | 917       | 696                                                                         | 154               | 138              | 12           | 116                                                                            | 347             | 488           | 49         |

## 2.—Number per mille of the total population and of each main religion who live in towns.

| Natural division.      | Number per mille who live in towns. |        |                  |            |            |       |           |        |       |         |
|------------------------|-------------------------------------|--------|------------------|------------|------------|-------|-----------|--------|-------|---------|
|                        | Total population.                   | Hindu. | Muham-<br>madan. | Christian. | Animistic. | Jain. | Buddhist. | Parsi. | Jov.  | Brahmo. |
|                        |                                     |        |                  |            |            |       |           |        |       |         |
| 1                      | 2                                   | 3      | 4                | 5          | 6          | 7     | 8         | 9      | 10    | 11      |
| Province ...           | 124                                 | 114    | 243              | 196        | 13         | 164   | 877       | 966    | 889   | 789     |
| Agency ...             | 6                                   | 8      | 99               | 3          | 2          | ...   | ...       | ...    | ...   | ...     |
| East Coast North ...   | 106                                 | 101    | 265              | 111        | 50         | 573   | 944       | 873    | ...   | 880     |
| Deccan ...             | 109                                 | 87     | 279              | 98         | 31         | 616   | 1,000     | 888    | ...   | ...     |
| East Coast Central ... | 138                                 | 122    | 443              | 341        | 62         | 158   | 575       | 980    | 1,000 | 935     |
| East Coast South ...   | 167                                 | 155    | 383              | 171        | ...        | 878   | 957       | 1,000  | ...   | 778     |
| West Coast ...         | 83                                  | 68     | 89               | 300        | 48         | 37    | 773       | 994    | 1,000 | 529     |

## 3.—Towns classified by population.

| Class of towns.         | Number of towns of each class in 1921. | Proportion to total urban population. | Number of females per 1,000 males. | Variation per cent in the population of towns as classed at previous censuses. |               |               |               |               | Increase per cent in urban population of each class from 1871 to 1921. |                                                                                          |
|-------------------------|----------------------------------------|---------------------------------------|------------------------------------|--------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                         |                                        |                                       |                                    | 1911 to 1921.                                                                  | 1901 to 1911. | 1891 to 1901. | 1881 to 1891. | 1871 to 1881. | (a) In towns as classed in 1871.                                       | (b) In the total of each class in 1921 as compared with the corresponding total in 1871. |
|                         |                                        |                                       |                                    |                                                                                |               |               |               |               |                                                                        |                                                                                          |
| 1                       | 2                                      | 3                                     | 4                                  | 5                                                                              | 6             | 7             | 8             | 9             | 10                                                                     | 11                                                                                       |
| Total ...               | 317                                    | 100.0                                 | 1,005                              | + 1.6                                                                          | + 5.8         | + 18.4        | + 14.7        | + 7.6         | + 50.8                                                                 | + 231.7                                                                                  |
| I. 100,000 and over ... | 3                                      | 14.8                                  | 932                                | + 1.3                                                                          | + 7.8         | + 12.6        | + 11.5        | + 2.1         | + 32.5                                                                 | + 97.8                                                                                   |
| II. 50,000—100,000 ...  | 13                                     | 14.2                                  | 999                                | - 2.6                                                                          | - 5.1         | + 9.7         | + 12.8        | + 12.3        | + 45.6                                                                 | + 166.2                                                                                  |
| III. 20,000—50,000 ...  | 38                                     | 22.0                                  | 1,005                              | + 6.4                                                                          | + 11.7        | + 12.8        | + 12.7        | + 4.9         | + 45.8                                                                 | + 78.6                                                                                   |
| IV. 10,000—20,000 ...   | 109                                    | 28.3                                  | 1,028                              | - 2.8                                                                          | + 3.8         | + 17.9        | + 10.7        | + 20.2        | + 107.2                                                                | + 616.6                                                                                  |
| V. 5,000—10,000 ...     | 135                                    | 19.2                                  | 1,033                              | + 3.8                                                                          | + 6.8         | + 75.2        | + 11.0        | + 3.4         | + 27.7                                                                 | + 2,353.6                                                                                |
| VI. Under 5,000 ...     | 19                                     | 1.5                                   | 1,004                              | + 15.9                                                                         | + 1.8         | + 30.2        | + 14.6        | + 21.4        | + 196.7                                                                | + 905.5                                                                                  |

## 3-A.—Distribution of population in groups of places according to size and in rural territory, 1891–1921.

| Class of place.                 | 1921.             |             | 1911.             |             | 1901.             |             | 1891.             |             | Per cent of the total population. |       |       |       |
|---------------------------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-----------------------------------|-------|-------|-------|
|                                 | Number of places. | Population. | Number of places. | Population. | Number of places. | Population. | Number of places. | Population. | 1921.                             | 1911. | 1901. | 1891. |
|                                 |                   |             |                   |             |                   |             |                   |             |                                   |       |       |       |
| 1                               | 2                 | 3           | 4                 | 5           | 6                 | 7           | 8                 | 9           | 10                                | 11    | 12    | 13    |
| Total population of Province.   | 53,025            | 42,794,155  | 54,623            | 41,870,160  | 55,898            | 38,653,558  | 58,066            | 36,064,408  | 100.0                             | 100.0 | 100.0 | 100.0 |
| Rural territory ...             | 52,708            | 37,489,349  | 54,313            | 36,950,684  | 55,663            | 34,358,033  | 57,851            | 32,641,418  | 87.6                              | 88.3  | 88.9  | 90.5  |
| Urban territory ...             | 317               | 5,304,806   | 280               | 4,919,476   | 235               | 4,295,525   | 215               | 3,422,990   | 12.4                              | 11.7  | 11.1  | 9.5   |
| I. Towns of 100,000 or over ... | 3                 | 786,227     | 3                 | 776,302     | 3                 | 720,051     | 1                 | 452,518     | 1.8                               | 1.8   | 1.9   | 1.3   |
| II. Do. 50,000 to 100,000 ...   | 13                | 751,907     | 8                 | 487,274     | 8                 | 485,878     | 8                 | 539,210     | 1.8                               | 1.2   | 1.3   | 1.5   |
| III. Do. 20,000 to 50,000 ...   | 38                | 1,165,491   | 40                | 1,264,259   | 32                | 1,004,322   | 27                | 825,763     | 2.7                               | 3.0   | 2.6   | 2.3   |
| IV. Do. 10,000 to 20,000 ...    | 109               | 1,501,182   | 105               | 1,480,071   | 102               | 1,411,478   | 57                | 765,072     | 3.5                               | 3.5   | 3.6   | 2.1   |
| V. Do. 5,000 to 10,000 ...      | 135               | 1,019,799   | 113               | 861,221     | 87                | 662,520     | 103               | 785,242     | 2.4                               | 2.1   | 1.7   | 2.2   |
| VI. Do. under 5,000 ...         | 19                | 80,200      | 11                | 50,349      | 3                 | 11,276      | 14                | 55,185      | 0.2                               | 0.1   | 0.0   | 0.1   |

## 3-B.—Population of urban classes and of rural territory as constituted in 1921 with variation.

| Class of places.                      | Number of places in 1921. | Population. |            | Variation, 1911 to 1921. |           |
|---------------------------------------|---------------------------|-------------|------------|--------------------------|-----------|
|                                       |                           | 1921.       | 1911.      | Number.                  | Per cent. |
| 1                                     | 2                         | 3           | 4          | 5                        | 6         |
| Province ...                          | 53,025                    | 42,794,155  | 41,870,160 | + 923,995                | + 2.2     |
| Territory urban in 1921 ...           | 317                       | 5,304,806   | 5,215,880  | + 88,917                 | + 1.7     |
| Towns having in 1921—                 |                           |             |            |                          |           |
| I. Population of 100,000 and over ... | 3                         | 786,227     | 777,287    | + 8,940                  | + 1.2     |
| II. Population 50,000 to 100,000 ...  | 13                        | 751,907     | 745,599    | + 6,308                  | + 0.8     |
| III. Do. 20,000 to 50,000 ...         | 38                        | 1,165,491   | 1,065,408  | + 100,083                | + 9.4     |
| IV. Do. 10,000 to 20,000 ...          | 109                       | 1,501,182   | 1,448,557  | + 52,625                 | + 3.6     |
| V. Do. 5,000 to 10,000 ...            | 135                       | 1,019,799   | 1,079,799  | - 60,000                 | - 5.6     |
| VI. Do. under 5,000 ...               | 19                        | 80,200      | 99,239     | - 19,039                 | - 19.2    |
| Territory rural in 1921 ...           | 52,708                    | 37,489,349  | 36,654,271 | + 835,078                | + 2.3     |

## 4.—Cities. X

| Cities.          | Population in 1921. | Number of persons per square mile. | Number of females to 1,000 males. | Proportion of foreign born per mille. | Number of literates per mille. |          | Percentage of variation. |               |               |               |               |               |
|------------------|---------------------|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------|----------|--------------------------|---------------|---------------|---------------|---------------|---------------|
|                  |                     |                                    |                                   |                                       | Males.                         | Females. | 1911 to 1921.            | 1901 to 1911. | 1891 to 1901. | 1881 to 1891. | 1871 to 1881. | 1871 to 1921. |
|                  |                     |                                    |                                   |                                       |                                |          |                          |               |               |               |               |               |
| 1                | 2                   | 3                                  | 4                                 | 5                                     | 6                              | 7        | 8                        | 9             | 10            | 11            | 12            | 13            |
| Madras ...       | 528,911             | 18,169                             | 908                               | 335                                   | 453                            | 174      | + 1.6                    | + 1.8         | + 12.6        | + 11.5        | + 2.1         | + 32.5        |
| Madura ...       | 138,894             | 17,105                             | 976                               | 178                                   | 554                            | 90       | + 2.8                    | + 25.6        | + 21.2        | + 18.5        | + 42.0        | + 165.9       |
| Trichinopoly ... | 120,422             | 13,622                             | 988                               | 176                                   | 491                            | 132      | - 2.5                    | + 17.9        | + 15.8        | + 7.3         | + 10.3        | + 57.4        |
| Calicut ...      | 82,334              | 7,645                              | 936                               | 39                                    | 407                            | 156      | + 5.0                    | + 1.9         | + 16.5        | + 15.8        | + 19.0        | + 71.7        |
| Coimbatore ...   | 65,788              | 9,049                              | 969                               | 87                                    | 437                            | 126      | + 9.3                    | - 11.4        | + 14.4        | + 19.0        | + 10.4        | + 44.4        |
| Conjeevaram ...  | 61,376              | 15,697                             | 988                               | 175                                   | 470                            | 81       | + 13.9                   | + 16.7        | + 8.5         | + 14.2        | + 0.1         | + 64.4        |
| Kumbakonam ...   | 60,700              | 13,764                             | 1,049                             | 97                                    | 536                            | 101      | - 6.1                    | + 8.3         | + 9.9         | + 8.4         | + 12.7        | + 38.6        |
| Tanjore ...      | 59,913              | 7,811                              | 1,041                             | 92                                    | 541                            | 122      | - 0.7                    | + 4.3         | + 6.4         | - 0.6         | + 4.9         | + 14.8        |
| Negapatam ...    | 54,016              | 9,893                              | 1,052                             | 114                                   | 497                            | 81       | - 10.2                   | + 5.2         | - 3.4         | + 10.0        | + 11.0        | + 11.3        |
| Mangalore ...    | 53,877              | 10,302                             | 910                               | 52                                    | 233                            | 200      | + 11.3                   | + 9.8         | + 7.8         | + 27.5        | + 8.0         | + 81.3        |
| Rajahmundry ...  | 53,791              | 16,400                             | 1,010                             | 189                                   | 323                            | 112      | + 11.1                   | + 33.0        | + 28.2        | + 15.6        | + 24.4        | + 172.5       |
| Tinnevely ...    | 53,783              | 15,023                             | 1,025                             | 24                                    | 517                            | 85       | + 4.3                    | + 10.8        | + 62.6        | + 6.7         | + 10.5        | + 121.8       |
| Cocanada ...     | 53,348              | 6,884                              | 1,025                             | 286                                   | 326                            | 109      | - 1.4                    | + 12.5        | + 18.6        | + 40.5        | + 61.8        | + 199.1       |
| Salem ...        | 52,244              | 11,874                             | 978                               | 27                                    | 297                            | 35       | - 11.7                   | - 16.2        | + 4.3         | + 33.6        | + 1.3         | + 4.5         |
| Ondalalre ...    | 50,527              | 4,193                              | 1,015                             | 101                                   | 385                            | 93       | - 10.7                   | + 8.3         | + 10.3        | + 8.7         | + 8.1         | + 25.4        |
| Vellore ...      | 50,210              | 12,367                             | 1,017                             | 93                                    | 319                            | 93       | + 0.9                    | + 14.3        | - 3.1         | + 19.8        | - 1.4         | + 32.1        |
| Bellary ...      | 39,843              | 7,828                              | 887                               | 195                                   | 396                            | 92       | + 14.0                   | - 40.0        | - 2.1         | + 11.2        | + 3.3         | - 23.0        |



## CHAPTER III.—BIRTH-PLACE.

**The statistics** The statistics of birth-place are contained in Imperial Table XI which is divided into two parts, one giving the birth-places of the population of each district and State, and the other giving the same particulars for cities. The salient features of the statistics are summarized in four subsidiary tables at the end of this chapter:—

Table 1 shows the actual figures of immigration to each district and natural division.

Table 2 gives the actual figures of emigration from each district and natural division.

Table 3 shows the migration between natural divisions.

Table 4 shows the migration between Madras and other parts of India.

**Summary of statistics**

2. Of the 42,794,155 persons enumerated in Madras, 42,584,293 were born in the Presidency, the remaining 0.5 per cent being immigrants from outside. In 1911 the number of immigrants was 243,788 so that in the decade the number of immigrants decreased by 33,926 or 14 per cent.

**Immigration to districts**

| Persons born in the district per mille enumerated. |     |     |     |     |     |
|----------------------------------------------------|-----|-----|-----|-----|-----|
| Agency                                             | ... | ... | ... | ... | 696 |
| Bellary                                            | ... | ... | ... | ... | 862 |
| Madras                                             | ... | ... | ... | ... | 665 |
| Nilgiris                                           | ... | ... | ... | ... | 681 |
| Anjengo                                            | ... | ... | ... | ... | 802 |
| Sandūr                                             | ... | ... | ... | ... | 791 |

3. There are only six districts in which less than 90 per cent of the persons enumerated were born in the district. From this number the Agency ought probably to be removed; to many people the Agency is not yet familiar as the name of an administrative division; and there is no doubt that many people who in fact were born in the Agency returned as their birth-place the district of Ganjām, Vizagapatam or Gōdāvari, meaning thereby nothing more than that they were born in the portion of the Agency which was formerly under the administration of the Collector of that district. It is natural to find a large percentage of immigrants in a city such as Madras; a city grows not so much by a high birth-rate as by the inducements it offers to persons to try their fortune by joining in its busy crowds. In the Nilgiris there is a large percentage of foreign labour on tea estates, and the considerable European population also helps to swell the proportion of foreign-born folk enumerated on the hills. Anjengo and Sandūr are places of insignificant area—the one surrounded by the State of Travancore and the other by the district of Bellary; the fact that a considerable proportion of the population returned their birth-place as Travancore or Bellary is of no significance. The districts with the largest percentage of native-born persons are South Kanara (995 per mille), Malabar (992), and Tinnevely (991), all of which lose a substantial proportion of their population by emigration and attract few immigrants.

**Migration between natural divisions**

4. Subsidiary table 3 shows how little migration there is between one natural division and another; in every division except the Agency and the East Coast North 99 per cent of the population were born in the division in which they were enumerated; and it is probable that what appears to be a large migration from the East Coast North division to the Agency is really due to the reason mentioned in the previous paragraph. It appears from column 5 of subsidiary tables 1 and 2 that, while there are 435,000 immigrants into the Agency from contiguous districts, 89,000 persons have emigrated from Ganjām, and 401,000 from Vizagapatam, to adjoining districts. The foreigners in the Agency must form part of this 490,000, and in all probability the amount of real emigration, even temporary, which the figures represent, is something very small.

5. The chief districts which attract immigrants are Bellary, Gōdāvari and Trichinopoly. There was a Malayali regiment at Bellary at the time of the census which accounts for most of the immigrants from Malabar; for the rest the majority come from the other Ceded districts and from Madras. Most of the immigration to Gōdāvari is from Vizagapatam, and most of that to Trichinopoly is from the surrounding districts.

6. From column 5 of subsidiary table 4 to Chapter II we see for each of the cities the proportion of the population who are foreign-born. There is a remarkable degree of variation in this respect; in Madras 335 in every thousand are foreign-born, as against 334 in 1911; while in Tinnevely only 24 persons in a thousand were born outside the Tinnevely district. The number of foreign-born in Cocanada is exceptionally high—286 in every thousand against 247 in 1911; but most of the immigrants still come from the neighbouring districts of Vizagapatam and Kistna. The foreign-born of Madura have risen from 150 to 178 in every thousand, while those of Trichinopoly have fallen from 189 to 176. Rajahmundry draws mainly on Vizagapatam and Kistna districts, and Bellary on Anantapur and Kurnool; the immigrants from Malabar were a regiment stationed in Bellary at the time of the census. The towns which attract fewest immigrants are Tinnevely, Salem, Calicut and Mangalore; Calicut and Mangalore have important industries, but apparently the inducement is not strong enough to attract people from outside the district. Tinnevely and Salem have no great industries, and no special attraction to offer persons from other districts.

7. The statistics of emigration outside the Presidency are far from complete. For all except 115,000 of the 917,000 persons of Madras birth who were enumerated in other provinces of India we have particulars by districts; but in addition to these there are in countries outside India 814,000 persons born in Madras for whom we have no knowledge of the district of birth; and in addition to these people there are in South Africa, in British Guiana, in Mauritius, in the Fiji Islands and elsewhere people of Madras origin for whom no returns at all have been received. By this last number the "natural population" of the Presidency will be short; and by its share of this number as well as by the portion of 929,000 assignable to each district will the "natural population" of that district be short. For this reason it is idle to base discussion on the variation between the "natural" and "actual" population, or to work out details of the constitution of the natural population.

8. In return for 1,731,000 Madrasis enumerated in other parts of India or in countries beyond India, we count only 210,000 persons from other provinces or countries enumerated in Madras. The tables show that the majority of the immigrants come from a limited area mostly the territories adjoining Madras. Of the remaining 13,000, 6,000 come from Asiatic countries other than India (chiefly Ceylon and the Straits Settlements), and are mostly children of parents who originally emigrated from Madras to those countries; 6,000 come from Europe (all but 600 from Great Britain and Ireland), and 1,000 from Africa, America and Australasia.

9. The immigrants from Mysore and Hyderabad are mostly localized in the districts which border on those States; those from Bihar and Orissa and the Central Provinces are mostly in the Agency and the districts of Ganjām and Gōdāvari; most of those who come from Bombay are in Bellary, Madras and Malabar; the French possessions help to populate the districts of South Arcot, Tanjore, Madras and Chingleput; from Travancore immigrants come to Malabar and Tinnevely, and from Cochin to Malabar and Coimbatore.

| Number of immigrants from         |     |        |
|-----------------------------------|-----|--------|
| Mysore State                      | ... | 66,855 |
| Hyderabad State                   | ... | 38,916 |
| Bihar and Orissa                  | ... | 16,832 |
| Bombay                            | ... | 15,957 |
| French and Portuguese possessions | ... | 14,257 |
| Central Provinces                 | ... | 12,377 |
| Cochin State                      | ... | 10,374 |
| Travancore                        | ... | 13     |
| Other Provinces and States        | ... | 1,609  |

**Where immigrants come from**



Variation  
in immi-  
gration

10. There is a great increase in the number of immigrants from Bihar and Orissa and from the Central Provinces; from all other parts of India, Madras in 1921 attracted fewer visitors than in 1911. The immigration from the Central Provinces and from Bihar and Orissa was, as we have seen, mainly to the Agency and to Ganjam or Gōdāvari; there is a vast preponderance of females in those who come from Bihar and Orissa and it is remarkable that exactly the same phenomenon is observed in the emigrants from Madras to that province. Much of this migration is no doubt mere ordinary movement from place to place across the frontier of the provinces, and the increase recorded at this census may be due to greater accuracy in the enumeration of the Agency villages bordering on those provinces. It is noteworthy that there is a great disparity between the sex proportion of the immigrants from Hyderabad and that of those from Mysore; the lack of female immigrants from Hyderabad occurs chiefly in the districts of Kistna, Guntūr and Chittoor, and indicates the temporary nature of the immigration to those districts.

Where  
emigrants  
go to

| Number of emigrants to     |     | 1921.   |
|----------------------------|-----|---------|
| Burma                      | ... | 270,993 |
| Mysore                     | ... | 269,875 |
| Hyderabad                  | ... | 84,168  |
| Travancore                 | ... | 58,277  |
| Assam                      | ... | 54,538  |
| Bombay                     | ... | 44,039  |
| Bengal                     | ... | 28,595  |
| Cochin                     | ... | 26,388  |
| Coorg                      | ... | 22,509  |
| Bihar and Orissa           | ... | 19,238  |
| States                     | ... | 16,689  |
| Other Provinces and States | ... | 22,377  |
| Total                      | ... | 917,474 |

emigrants to Coorg are coolies working on coffee estates.

12. The marginal figures show the sex proportion in which emigrants leave Madras for other parts of India. The high proportion of female emigrants to Bihar and Orissa supports the conclusion suggested above, that the only migration there is from village to village across an artificial frontier. The high proportion of females in Assam is noteworthy especially when compared with the very low proportion of women among the emigrants to Burma, Coorg, Bombay, Hyderabad and Mysore.

Emigration  
to countries  
beyond India

| Persons born in Madras and enumerated in |         |
|------------------------------------------|---------|
| Ceylon                                   | 447,334 |
| Federated Malay States                   | 238,948 |
| Straits Settlements                      | 76,732  |
| Other Malay States                       | 50,388  |
| Elsewhere                                | 130     |

and other Malay States; and finally we have returns of a few in the East African colonies and of 1 in the Gilbert Islands. We have so far no returns of the numbers of persons of Madras birth enumerated in South Africa, Mauritius, Fiji, the Seychelles, or the British Isles, etc., though in 1911 considerable numbers were reported from all these places.

Details of  
emigration

14. From an economic point of view the most important streams of emigration from Madras are those to (1) Ceylon, (2) Burma, (3) the Straits Settlements and Federated Malay States, (4) planters' estates in Mysore, Coorg and Travancore, and (5) Assam. Major Scoble Nicholson, O.B.E., of the Ceylon Labour Commission has very kindly contributed some interesting facts regarding emigration to

Ceylon, and to Major Brock, O.B.E., V.D., of the United Planters' Association of Southern India and Dr. Ford, the Emigration Agent of the Straits Settlements and Federated Malay States; I am indebted for similar notes on emigration to the estates of Travancore, Coorg and Mysore, and to the Straits Settlements and Federated Malay States.

15. The number of emigrants registered by the Ceylon Labour Commission in the decade was 744,621. For the years 1911 to 1914 particulars are given for men, women, children and infants, who emigrated in the proportion of 601, 203, 132 and 64, and although these details have not been tabulated of recent years there is every reason to suppose that the proportion remains fairly constant; infants are children below 5 years

| Year. | Number registered. |
|-------|--------------------|
| 1911  | 72,549             |
| 1912  | 93,925             |
| 1913  | 97,564             |
| 1914  | 70,654             |
| 1915  | 83,742             |
| 1916  | 99,643             |
| 1917  | 42,877             |
| 1918  | 41,961             |
| 1919  | 103,580            |
| 1920  | 38,126             |

of age; children are males between 5 and 14 and females between 5 and 16. For the years 1917 to 1920 figures are given separately for emigrants proceeding to Ceylon for the first time and those who have been there before. It was only in 1919, the year of bad seasons and high prices, when the number of emigrants rose with a bound, that the new emigrants out-numbered the old; in the other three years those returning to Ceylon after one or more visits numbered about 78,000 and those going for the first time were only about 44,500.

16. The Ceylon Labour Commission recruits only for estates, consequently practically all those who emigrate through its agency are agriculturists by occupation. The majority of them are drawn from the Paraiyan, Kallan, Vellala and Pallan castes who together have contributed 619,000 out of the 744,500 who have emigrated during the decade. Nearly half the emigrants registered in Trichinopoly district—which implies that if they did not actually come from a village in that district they came from no great distance; the rest are recruited mostly in the Tamil districts—all of which contribute a quota; Malabar sends 10,000; and the Telugu districts of Cuddapah, Gōdāvari and Guntūr are also drawn upon.

17. The United Planters' Association of Southern India recruits about 150,000 labourers annually for about 390 estates. Only 237 of these estates, however, lie beyond the limits of the Madras Presidency, and it is only the recruitment of labour for these which affects the population of the Presidency. These 237 estates absorb annually about 90,000 labourers, about 20 per cent of whom are entirely new to estate work. The labour is recruited in most of the Tamil districts, on the West Coast, and in Vizagapatam and the Agency; the recruits are practically all agriculturists. Children are employed on coffee and tea estates, but not on rubber estates; out of every 100 recruits 88 are adults and 12 are children. There is no very great disparity in the proportion of the sexes; for in every 100 persons, 59 are men and 41 women.

18. It is reported that on the average a labourer stays on an estate about ten months during which time a man on the average saves Rs. 47-8-0 and a woman Rs. 35. In exceptional cases savings amounting to Rs. 100 and even Rs. 150 have been accumulated in this period.

19. No information has been obtained regarding the districts from which recruits are obtained for the Straits Settlements, etc. Almost all the emigrants sail either from Negapatam or Madras; and it is natural to expect the majority to be recruited in the districts adjacent to the ports. On the average 90,000 sail every year, of whom 11 out of every 12 are adults, and 4 out of every 5 adults are men. The chief employment is as agricultural labourers on the rubber estates; and as a rule the emigrants make a stay of about 2½ years. Many return for a second and third spell on the estates.

Emigration to  
Burma and  
Assam

20. Of the people born in Madras and enumerated in Burma, 100,506 did not specify the district of birth. Of the remaining 172,020 the majority were born in the districts noted in the margin. The main stream of emigration to Burma is from the northern districts—Ganjām, Vizagapatam, Gōdāvari and Kistna—and secondly from the extreme south. Assam gets practically the whole of its Madrasi element from the three districts of Ganjām, Vizagapatam and Gōdāvari, whence go 48,119 of the 54,536 emigrants. Most of the remainder are attributed to "Madras" which may stand for the Presidency—in which case the number in all probability should be treated as coming from the same districts.

| Distribution of 1,000 emigrants to Burma by district of birth. |     |     |     | Number per mille. |
|----------------------------------------------------------------|-----|-----|-----|-------------------|
| Ganjām                                                         | ... | ... | ... | 285               |
| Vizagapatam                                                    | ... | ... | ... | 211               |
| Gōdāvari                                                       | ... | ... | ... | 149               |
| Tanjore                                                        | ... | ... | ... | 84                |
| Rāmnād                                                         | ... | ... | ... | 77                |
| Kistna                                                         | ... | ... | ... | 50                |
| Madura                                                         | ... | ... | ... | 36                |
| Malabar                                                        | ... | ... | ... | 26                |
| Tinnevely                                                      | ... | ... | ... | 26                |
| Other districts                                                | ... | ... | ... | 56                |
|                                                                |     |     |     | 1,000             |

der are attributed to "Madras" which may stand for the Presidency—in which case the number in all probability should be treated as coming from the same districts.

## 1.—Immigration (actual figures 000s omitted).

| District and natural division where enumerated. | Born in                       |        |          |                                   |        |          |                          |        |          |                                           |        |          |                                               |        |          |                |        |          |
|-------------------------------------------------|-------------------------------|--------|----------|-----------------------------------|--------|----------|--------------------------|--------|----------|-------------------------------------------|--------|----------|-----------------------------------------------|--------|----------|----------------|--------|----------|
|                                                 | District or natural division. |        |          | Contiguous districts in province. |        |          | Other parts of province. |        |          | Contiguous parts of other provinces, etc. |        |          | Non-contiguous parts of other provinces, etc. |        |          | Outside India. |        |          |
|                                                 | Total.                        | Males. | Females. | Total.                            | Males. | Females. | Total.                   | Males. | Females. | Total.                                    | Males. | Females. | Total.                                        | Males. | Females. | Total.         | Males. | Females. |
| Province                                        | 42,584                        | 20,988 | 21,596   | ...                               | ...    | ...      | ...                      | ...    | ...      | 68                                        | 33     | 35       | 129                                           | 71     | 58       | 13             | 8      | 5        |
| Agency                                          | 1,042                         | 508    | 534      | 435                               | 232    | 203      | 1                        | 1      | ...      | 4                                         | 2      | 2        | 15                                            | 7      | 8        | ...            | ...    | ...      |
| East Coast North                                | 10,766                        | 5,241  | 5,525    | 42                                | 24     | 18       | 26                       | 16     | 10       | 3                                         | 1      | 2        | 29                                            | 17     | 12       | ...            | ...    | ...      |
| Ganjām                                          | 1,814                         | 817    | 997      | 9                                 | 5      | 4        | 2                        | 1      | 1        | 3                                         | 1      | 2        | 8                                             | 3      | 5        | ...            | ...    | ...      |
| Vizagapatam                                     | 2,196                         | 1,062  | 1,134    | 31                                | 15     | 16       | 4                        | 2      | 2        | ...                                       | ...    | ...      | 2                                             | 1      | 1        | ...            | ...    | ...      |
| Gōdāvari                                        | 1,372                         | 687    | 705      | 81                                | 43     | 38       | 11                       | 5      | 6        | ...                                       | ...    | ...      | 7                                             | 3      | 4        | ...            | ...    | ...      |
| Kistna                                          | 2,070                         | 1,024  | 1,046    | 22                                | 14     | 8        | 22                       | 15     | 8        | ...                                       | ...    | ...      | 4                                             | 3      | 1        | ...            | ...    | ...      |
| Guntūr                                          | 1,769                         | 890    | 879      | 28                                | 15     | 13       | 5                        | 3      | 2        | ...                                       | ...    | ...      | 7                                             | 5      | 2        | ...            | ...    | ...      |
| Nellore                                         | 1,353                         | 676    | 677      | 15                                | 9      | 6        | 15                       | 11     | 4        | ...                                       | ...    | ...      | 2                                             | 1      | 1        | ...            | ...    | ...      |
| Deccan                                          | 3,575                         | 1,823  | 1,752    | 24                                | 12     | 12       | 21                       | 13     | 8        | 17                                        | 8      | 9        | 32                                            | 15     | 17       | ...            | ...    | ...      |
| Cuddapah                                        | 868                           | 442    | 426      | 18                                | 8      | 8        | 3                        | 2      | 1        | ...                                       | ...    | ...      | 1                                             | 1      | ...      | ...            | ...    | ...      |
| Kurnool                                         | 873                           | 443    | 430      | 29                                | 14     | 15       | 2                        | 1      | 1        | 3                                         | 2      | 1        | 7                                             | 3      | 4        | ...            | ...    | ...      |
| Banganapalle                                    | 34                            | 17     | 17       | 2                                 | 1      | 1        | ...                      | ...    | ...      | ...                                       | ...    | ...      | ...                                           | ...    | ...      | ...            | ...    | ...      |
| Bellary                                         | 743                           | 374    | 369      | 79                                | 43     | 36       | 23                       | 15     | 8        | 3                                         | 1      | 2        | 15                                            | 7      | 8        | ...            | ...    | ...      |
| Sandūr                                          | 9                             | 5      | 4        | 2                                 | 1      | 1        | ...                      | ...    | ...      | ...                                       | ...    | ...      | ...                                           | ...    | ...      | ...            | ...    | ...      |
| Anantapur                                       | 809                           | 469    | 440      | 22                                | 11     | 11       | 5                        | 3      | 2        | 11                                        | 5      | 6        | 9                                             | 5      | 4        | ...            | ...    | ...      |
| East Coast Central                              | 11,780                        | 5,890  | 5,890    | 128                               | 67     | 61       | 26                       | 16     | 10       | 21                                        | 9      | 12       | 36                                            | 22     | 14       | 6              | 4      | 2        |
| Madras                                          | 350                           | 175    | 175      | 65                                | 36     | 29       | 90                       | 52     | 38       | ...                                       | ...    | ...      | 18                                            | 11     | 7        | 3              | 2      | 1        |
| Chingleput                                      | 1,414                         | 715    | 699      | 63                                | 29     | 34       | 12                       | 7      | 5        | ...                                       | ...    | ...      | 4                                             | 2      | 2        | 1              | 1      | ...      |
| Chittoor                                        | 1,223                         | 624    | 599      | 28                                | 13     | 15       | 8                        | 4      | 4        | 3                                         | 1      | 2        | 7                                             | 5      | 2        | ...            | ...    | ...      |
| North Arcot                                     | 1,986                         | 988    | 998      | 49                                | 22     | 27       | 15                       | 9      | 6        | 2                                         | 1      | 1        | 3                                             | 1      | 2        | ...            | ...    | ...      |
| Salem                                           | 2,079                         | 1,036  | 1,043    | 22                                | 10     | 12       | 5                        | 3      | 2        | 6                                         | 2      | 4        | ...                                           | ...    | ...      | ...            | ...    | ...      |
| Coimbatore                                      | 2,175                         | 1,081  | 1,094    | 33                                | 18     | 15       | 5                        | 3      | 2        | 4                                         | 2      | 2        | 3                                             | 1      | 2        | ...            | ...    | ...      |
| South Arcot                                     | 2,252                         | 1,124  | 1,128    | 53                                | 21     | 32       | 8                        | 4      | 4        | 6                                         | 3      | 3        | 1                                             | 1      | ...      | ...            | ...    | ...      |
| East Coast South                                | 10,169                        | 4,930  | 5,239    | 79                                | 35     | 44       | 22                       | 12     | 10       | 5                                         | 3      | 2        | 7                                             | 4      | 3        | 4              | 2      | 2        |
| Tanjore                                         | 2,254                         | 1,083  | 1,171    | 44                                | 18     | 26       | 22                       | 12     | 10       | 2                                         | 1      | 1        | 3                                             | 2      | 1        | 2              | 1      | 1        |
| Trichinopoly                                    | 1,803                         | 890    | 913      | 86                                | 35     | 51       | 11                       | 6      | 5        | ...                                       | ...    | ...      | 2                                             | 1      | 1        | 1              | 1      | ...      |
| Pudukkōttai                                     | 389                           | 191    | 198      | 35                                | 12     | 23       | 2                        | 1      | 1        | ...                                       | ...    | ...      | ...                                           | ...    | ...      | 1              | 1      | ...      |
| Madura                                          | 1,945                         | 957    | 988      | 41                                | 19     | 22       | 19                       | 10     | 9        | 1                                         | 1      | ...      | 1                                             | 1      | ...      | ...            | ...    | ...      |
| Rāmnād                                          | 1,678                         | 797    | 881      | 35                                | 17     | 18       | 7                        | 4      | 3        | ...                                       | ...    | ...      | 1                                             | 1      | ...      | ...            | ...    | ...      |
| Tinnevely                                       | 1,884                         | 917    | 967      | 8                                 | 4      | 4        | 7                        | 4      | 3        | 2                                         | 1      | 1        | ...                                           | ...    | ...      | ...            | ...    | ...      |
| West Coast                                      | 4,420                         | 2,153  | 2,267    | 17                                | 9      | 8        | 13                       | 6      | 7        | 18                                        | 10     | 8        | 9                                             | 6      | 3        | 3              | 2      | 1        |
| Nilgiris                                        | 86                            | 44     | 42       | 20                                | 12     | 8        | 9                        | 4      | 5        | 7                                         | 4      | 3        | 3                                             | 2      | 1        | 2              | 1      | 1        |
| Malabar                                         | 3,074                         | 1,492  | 1,578    | 7                                 | 4      | 3        | 8                        | 2      | 1        | 9                                         | 5      | 4        | 5                                             | 4      | 1        | 1              | 1      | ...      |
| Anjengo                                         | 5                             | 2      | 3        | ...                               | ...    | ...      | ...                      | ...    | ...      | 1                                         | ...    | 1        | ...                                           | ...    | ...      | ...            | ...    | ...      |
| South Kanara                                    | 1,241                         | 602    | 639      | 4                                 | 3      | 1        | 1                        | 1      | ...      | 1                                         | 1      | ...      | 1                                             | 1      | ...      | ...            | ...    | ...      |

## 2.—Emigration (actual figures 000s omitted).

| District and natural division of birth. | Enumerated in                 |        |          |                                  |        |          |                          |        |          |                  |        |          |                |        |          | Natural population (actual figures). |            |            |
|-----------------------------------------|-------------------------------|--------|----------|----------------------------------|--------|----------|--------------------------|--------|----------|------------------|--------|----------|----------------|--------|----------|--------------------------------------|------------|------------|
|                                         | District or natural division. |        |          | Contiguous district in province. |        |          | Other parts of province. |        |          | Other provinces. |        |          | Outside India. |        |          | Persons.                             | Males.     | Females.   |
|                                         | Total.                        | Males. | Females. | Total.                           | Males. | Females. | Total.                   | Males. | Females. | Total.           | Males. | Females. | Total.         | Males. | Females. |                                      |            |            |
| 1                                       | 2                             | 3      | 4        | 5                                | 6      | 7        | 8                        | 9      | 10       | 11               | 12     | 13       | 14             | 15     | 16       | 17                                   | 18         | 19         |
| Province ...                            | 42,584                        | 20,988 | 21,596   | ...                              | ...    | ...      | ...                      | ...    | ...      | 917              | 583    | 334      | 814            | 533    | 281      | 44,314,923                           | 22,104,309 | 22,210,614 |
| Agency ...                              | 1,042                         | 508    | 534      | 23                               | 12     | 11       | ...                      | ...    | ...      | ...              | ...    | ...      | ...            | ...    | ...      | 1,065,451                            | 519,706    | 545,745    |
| East Coast North ...                    | 10,766                        | 5,241  | 5,525    | 465                              | 247    | 218      | 22                       | 14     | 8        | 298              | 206    | 92       | ...            | ...    | ...      | 11,551,936                           | 5,707,505  | 5,844,431  |
| Ganjām ...                              | 1,814                         | 817    | 997      | 89                               | 47     | 42       | 7                        | 4      | 3        | 124              | 82     | 42       | ...            | ...    | ...      | 2,034,594                            | 950,800    | 1,083,794  |
| Vizagapatam ...                         | 2,196                         | 1,062  | 1,134    | 408                              | 218    | 190      | 16                       | 9      | 7        | 62               | 43     | 19       | ...            | ...    | ...      | 2,682,022                            | 1,332,700  | 1,349,322  |
| Godāvari ...                            | 1,872                         | 867    | 705      | 32                               | 18     | 14       | 8                        | 6      | 2        | 30               | 25     | 5        | ...            | ...    | ...      | 1,442,546                            | 715,515    | 727,031    |
| Kistna ...                              | 2,070                         | 1,024  | 1,046    | 23                               | 11     | 12       | 5                        | 3      | 2        | 57               | 40     | 17       | ...            | ...    | ...      | 2,156,481                            | 1,078,668  | 1,077,813  |
| Guntūr ...                              | 1,769                         | 880    | 879      | 23                               | 12     | 11       | 8                        | 5      | 3        | 13               | 8      | 5        | ...            | ...    | ...      | 1,812,850                            | 914,661    | 898,189    |
| Nellore ...                             | 1,353                         | 676    | 677      | 37                               | 18     | 19       | 22                       | 13     | 9        | 12               | 8      | 4        | ...            | ...    | ...      | 1,423,443                            | 715,161    | 708,282    |
| Deccan ...                              | 3,575                         | 1,823  | 1,752    | 18                               | 11     | 7        | 18                       | 11     | 7        | 73               | 36     | 37       | ...            | ...    | ...      | 3,682,447                            | 1,881,148  | 1,801,299  |
| Cuddapah ...                            | 868                           | 442    | 426      | 21                               | 11     | 10       | 14                       | 9      | 5        | 5                | 3      | 2        | ...            | ...    | ...      | 908,931                              | 485,680    | 443,251    |
| Kurnool ...                             | 873                           | 443    | 430      | 48                               | 28     | 20       | 4                        | 2      | 2        | 4                | 2      | 2        | ...            | ...    | ...      | 928,954                              | 475,533    | 453,421    |
| Banganapalle ...                        | 34                            | 17     | 17       | ...                              | ...    | ...      | ...                      | ...    | ...      | ...              | ...    | ...      | ...            | ...    | ...      | 33,990                               | 17,407     | 16,583     |
| Bellary ...                             | 743                           | 374    | 369      | 16                               | 7      | 9        | 7                        | 4      | 3        | 36               | 18     | 18       | ...            | ...    | ...      | 801,159                              | 402,889    | 398,270    |
| Sandūr ...                              | 9                             | 5      | 4        | ...                              | ...    | ...      | ...                      | ...    | ...      | ...              | ...    | ...      | ...            | ...    | ...      | 9,646                                | 5,082      | 4,564      |
| Anantapur ...                           | 909                           | 469    | 440      | 57                               | 29     | 28       | 5                        | 3      | 2        | 28               | 13     | 15       | ...            | ...    | ...      | 999,767                              | 514,557    | 485,210    |
| East Coast Central ...                  | 11,780                        | 5,690  | 5,890    | 125                              | 60     | 65       | 29                       | 17     | 12       | 213              | 115    | 98       | ...            | ...    | ...      | 12,146,761                           | 6,082,069  | 6,064,692  |
| Madras ...                              | 350                           | 175    | 175      | 18                               | 8      | 10       | 38                       | 21     | 17       | 105              | 58     | 47       | ...            | ...    | ...      | 510,010                              | 261,646    | 248,364    |
| Chingleput ...                          | 1,414                         | 715    | 699      | 97                               | 49     | 48       | 6                        | 3      | 3        | 6                | 3      | 3        | ...            | ...    | ...      | 1,521,488                            | 770,046    | 751,442    |
| Chittoor ...                            | 1,223                         | 624    | 599      | 26                               | 14     | 12       | 9                        | 4      | 5        | 23               | 12     | 11       | ...            | ...    | ...      | 1,281,984                            | 654,372    | 627,612    |
| North Arcot ...                         | 1,986                         | 988    | 998      | 44                               | 19     | 25       | 27                       | 15     | 12       | 40               | 22     | 18       | ...            | ...    | ...      | 2,097,754                            | 1,044,389  | 1,053,365  |
| Salem ...                               | 2,079                         | 1,036  | 1,043    | 44                               | 20     | 24       | 16                       | 9      | 7        | 22               | 11     | 11       | ...            | ...    | ...      | 2,161,457                            | 1,076,019  | 1,085,438  |
| Coimbatore ...                          | 2,175                         | 1,081  | 1,094    | 44                               | 22     | 22       | 11                       | 6      | 5        | 14               | 7      | 7        | ...            | ...    | ...      | 2,244,052                            | 1,118,784  | 1,127,268  |
| South Arcot ...                         | 2,252                         | 1,124  | 1,128    | 59                               | 24     | 35       | 17                       | 10     | 7        | 3                | 2      | 1        | ...            | ...    | ...      | 2,330,016                            | 1,158,813  | 1,171,203  |
| East Coast South ...                    | 10,169                        | 4,930  | 5,239    | 52                               | 23     | 29       | 49                       | 27     | 22       | 88               | 57     | 31       | ...            | ...    | ...      | 10,357,160                           | 5,036,764  | 5,320,396  |
| Tanjore ...                             | 2,254                         | 1,083  | 1,171    | 56                               | 23     | 33       | 29                       | 16     | 13       | 18               | 13     | 5        | ...            | ...    | ...      | 2,356,134                            | 1,134,049  | 1,222,085  |
| Trichinopoly ...                        | 1,803                         | 890    | 913      | 72                               | 29     | 43       | 11                       | 6      | 5        | 7                | 5      | 2        | ...            | ...    | ...      | 1,893,306                            | 929,789    | 963,517    |
| Pudukkottai ...                         | 389                           | 191    | 198      | 12                               | 4      | 8        | 1                        | 1      | ...      | ...              | ...    | ...      | ...            | ...    | ...      | 402,700                              | 196,304    | 206,396    |
| Madura ...                              | 1,945                         | 957    | 988      | 30                               | 14     | 16       | 24                       | 12     | 12       | 16               | 10     | 6        | ...            | ...    | ...      | 2,013,927                            | 992,168    | 1,021,759  |
| Rāmnād ...                              | 1,678                         | 797    | 881      | 40                               | 19     | 21       | 2                        | 1      | 1        | 13               | 11     | 2        | ...            | ...    | ...      | 1,733,821                            | 827,784    | 906,037    |
| Tinnevely ...                           | 1,884                         | 917    | 967      | 15                               | 8      | 7        | 25                       | 14     | 11       | 34               | 18     | 16       | ...            | ...    | ...      | 1,957,272                            | 956,670    | 1,000,602  |
| West Coast ...                          | 4,420                         | 2,153  | 2,267    | 10                               | 7      | 3        | 23                       | 16     | 7        | 130              | 85     | 45       | ...            | ...    | ...      | 4,581,860                            | 2,260,017  | 2,321,843  |
| Nilgiris ...                            | 86                            | 44     | 42       | 1                                | 1      | ...      | 2                        | 1      | 1        | 2                | 1      | 1        | ...            | ...    | ...      | 90,762                               | 46,121     | 44,641     |
| Malabar ...                             | 3,074                         | 1,496  | 1,578    | 19                               | 13     | 6        | 19                       | 13     | 6        | 47               | 30     | 17       | ...            | ...    | ...      | 3,158,139                            | 1,551,742  | 1,606,397  |
| Anjengo ...                             | 5                             | 2      | 3        | ...                              | ...    | ...      | ...                      | ...    | ...      | ...              | ...    | ...      | ...            | ...    | ...      | 5,192                                | 2,672      | 2,520      |
| South Kanara ...                        | 1,241                         | 602    | 639      | 3                                | 2      | 1        | 3                        | 2      | 1        | 81               | 54     | 27       | ...            | ...    | ...      | 1,327,767                            | 659,482    | 668,285    |
| Unspecified ...                         | ...                           | ...    | ...      | ...                              | ...    | ...      | ...                      | ...    | ...      | 115              | 84     | 31       | 84             | 533    | 281      | 929,308                              | 617,100    | 312,208    |

Note.—Particulars by districts are not available for those enumerated outside India.

## 3.—Migration between natural divisions (actual figures 000s omitted) (compared with 1901 and 1911).

| Natural division in which born. | Total born in each Natural Division. | Number enumerated in natural division. |                   |         |                     |                   |            |
|---------------------------------|--------------------------------------|----------------------------------------|-------------------|---------|---------------------|-------------------|------------|
|                                 |                                      | Agency.                                | East Coast North. | Deccan. | East Coast Central. | East Coast South. | West Coast |
| 1                               | 2                                    | 3                                      | 4                 | 5       | 6                   | 7                 | 8          |
| Madras Presidency ...           | 1921 42,584                          | 1,478                                  | 10,833            | 3,620   | 11,933              | 10,270            | 4,450      |
| ...                             | 1911 41,616                          | 1,565                                  | 10,473            | 3,752   | 11,922              | 10,240            | 4,294      |
| Agency ...                      | 1901 38,375                          | 1,317                                  | 9,523             | 3,867   | 10,722              | 8,938             | 4,008      |
| ...                             | 1921 1,065                           | 1,042                                  | 23                | ...     | ...                 | ...               | ...        |
| East Coast North ...            | 1921 11,254                          | 436                                    | 10,767            | 19      | 29                  | 2                 | 1          |
| ...                             | 1911 12,045                          | 1,565                                  | 10,422            | 24      | 32                  | 2                 | ...        |
| ...                             | 1901 10,840                          | 1,317                                  | 9,469             | 24      | 27                  | 2                 | 1          |
| Deccan ...                      | 1921 3,609                           | ...                                    | 21                | 3,575   | 12                  | 1                 | ...        |
| ...                             | 1911 3,752                           | ...                                    | 23                | 3,712   | 16                  | 1                 | ...        |
| ...                             | 1901 3,856                           | ...                                    | 24                | 3,818   | 13                  | 1                 | ...        |
| East Coast Central ...          | 1921 11,935                          | ...                                    | 19                | 22      | 11,780              | 90                | 24         |
| ...                             | 1911 11,308                          | ...                                    | 23                | 13      | 11,135              | 111               | 26         |
| ...                             | 1901 10,755                          | ...                                    | 26                | 22      | 10,569              | 110               | 28         |
| East Coast South ...            | 1921 10,269                          | ...                                    | 2                 | 2       | 91                  | 10,169            | 5          |
| ...                             | 1911 10,220                          | ...                                    | 4                 | 2       | 94                  | 10,115            | 5          |
| ...                             | 1901 8,935                           | ...                                    | 3                 | 2       | 102                 | 8,822             | 6          |
| West Coast ...                  | 1921 4,452                           | ...                                    | 1                 | 2       | 21                  | 8                 | 4,420      |
| ...                             | 1911 4,291                           | ...                                    | 1                 | 1       | 15                  | 11                | 4,283      |
| ...                             | 1901 3,989                           | ...                                    | 1                 | 1       | 11                  | 3                 | 3,973      |

Note.—For the years 1911 and 1901, the figures under East Coast North include also the figures of Agency.

## 4.—Migration between the Province and other parts of India.

## (i) British Territory and States.

| Province.                             | Immigrants to Madras. |         |            | Emigrants from Madras. |         |            | Excess (+) or deficiency (—) of immigration over emigration. |           |
|---------------------------------------|-----------------------|---------|------------|------------------------|---------|------------|--------------------------------------------------------------|-----------|
|                                       | 1921.                 | 1911.   | Variation. | 1921.                  | 1911.   | Variation. | 1921.                                                        | 1911.     |
| Total ...                             | 182,312               | 216,170 | - 33,858   | 917,468                | 824,723 | + 92,745   | - 735,156                                                    | - 608,553 |
| British Territory ...                 | 54,483                | 36,907  | + 17,576   | 453,453                | 385,357 | + 68,096   | - 398,970                                                    | - 348,450 |
| Ajmer-Merwara ...                     | 445                   | 120     | + 325      | 391                    | 224     | + 167      | + 54                                                         | - 104     |
| Andamans and Nicobars ...             | 2                     | 65      | - 63       | 1,500                  | 1,489   | + 111      | - 1,598                                                      | - 1,424   |
| Assam ...                             | 51                    | 204     | - 153      | 54,536                 | 34,509  | + 20,027   | - 54,485                                                     | - 34,305  |
| Baluchistan ...                       | 147                   | 126     | + 21       | 340                    | 134     | + 206      | - 193                                                        | - 8       |
| Bengal ...                            | 3,181                 | 6,547   | - 3,366    | 28,595                 | 13,171  | + 15,424   | - 25,414                                                     | - 6,624   |
| Bihar and Orissa ...                  | 16,832                | 426     | + 16,406   | 19,238                 | 18,795  | + 2,443    | - 2,406                                                      | - 16,369  |
| Bombay ...                            | 15,957                | 17,304  | - 1,347    | 44,039                 | 33,631  | + 10,408   | - 28,082                                                     | - 16,327  |
| Burma ...                             | 1,915                 | 2,021   | - 106      | 270,993                | 248,064 | + 22,929   | - 269,078                                                    | - 246,043 |
| Central Provinces and Berar ...       | 12,377                | 6,291   | + 6,086    | 4,908                  | 5,358   | - 455      | + 7,474                                                      | + 933     |
| Coorg ...                             | 345                   | 741     | - 396      | 22,509                 | 28,583  | - 6,074    | - 22,164                                                     | - 27,842  |
| Delhi ...                             | 216                   | ...     | + 216      | 553                    | ...     | + 553      | - 337                                                        | ...       |
| North-West Frontier Province ...      | 146                   | 82      | + 64       | 1,959                  | 63      | + 1,896    | - 1,813                                                      | + 19      |
| Punjab ...                            | 625                   | 875     | - 250      | 1,583                  | 1,050   | + 533      | - 958                                                        | - 175     |
| United Provinces of Agra and Oudh ... | 2,244                 | 2,105   | + 139      | 2,214                  | - 2,286 | - 72       | + 30                                                         | - 181     |
| States and Agencies.                  | 127,829               | 179,263 | - 51,434   | 464,015                | 439,366 | + 24,649   | - 336,186                                                    | - 260,103 |
| Assam State ...                       | ...                   | ...     | ...        | ...                    | 10      | - 10       | ...                                                          | - 10      |
| Baluchistan State ...                 | ...                   | ...     | ...        | ...                    | 1       | - 1        | ...                                                          | - 1       |
| Baroda State ...                      | 130                   | 320     | - 190      | 264                    | 228     | + 36       | - 134                                                        | + 92      |
| Bengal States ...                     | ...                   | ...     | ...        | 2,675                  | 1,070   | + 1,605    | - 2,675                                                      | - 1,070   |
| Bihar and Orissa States ...           | 47                    | 975     | - 928      | 16,689                 | 18,694  | - 2,005    | - 16,642                                                     | - 17,719  |
| Bombay States ...                     | 1,849                 | 1,518   | + 331      | 1,553                  | 1,853   | - 300      | + 296                                                        | - 335     |
| Central India Agency.                 | 15                    | 503     | - 488      | 498                    | 1,033   | - 535      | - 483                                                        | - 530     |
| Central Provinces States ...          | 152                   | 915     | - 763      | 1,594                  | 4,862   | - 3,268    | - 1,442                                                      | - 3,947   |
| Hyderabad State ...                   | 38,916                | 60,692  | - 21,776   | 84,158                 | 67,821  | + 16,337   | - 45,242                                                     | - 7,129   |
| Kashmir State ...                     | 33                    | 28      | + 5        | 34                     | 27      | + 7        | - 1                                                          | + 1       |
| Madras States—                        | ...                   | ...     | ...        | ...                    | ...     | ...        | ...                                                          | ...       |
| Travancore ...                        | 8,293                 | 10,448  | - 2,155    | 58,277                 | 49,520  | + 8,757    | - 49,984                                                     | - 39,074  |
| Cochin ...                            | 10,124                | 9,643   | + 481      | 26,388                 | 30,488  | - 4,100    | - 16,264                                                     | - 20,845  |
| Mysore State ...                      | 66,855                | 92,732  | - 25,877   | 269,675                | 263,417 | + 6,258    | - 202,820                                                    | - 170,685 |
| North-West Frontier Province ...      | ...                   | ...     | ...        | ...                    | 9       | - 9        | ...                                                          | - 9       |
| Punjab States ...                     | ...                   | ...     | ...        | ...                    | 39      | - 39       | ...                                                          | - 39      |
| Rajputana Agency ...                  | 1,415                 | 1,491   | - 76       | 203                    | 290     | - 87       | + 1,212                                                      | + 1,201   |
| United Provinces States ...           | ...                   | ...     | ...        | ...                    | 4       | - 4        | ...                                                          | - 4       |
| Burma Administered areas ...          | ...                   | ...     | ...        | 2,007                  | ...     | + 2,007    | - 2,007                                                      | ...       |

Note.—In this subsidiary table, Travancore and Cochin States are treated as outside the Madras Presidency. In addition to the immigrants shown in the table, 14,257 persons (against 22,174 in 1911) born in the French and Portuguese Settlements in India were enumerated in the Presidency. They have not been included in the table as the corresponding figures of emigration have not been received.

## 4.—Migration between the Province and other parts of India—continued.

## (ii) British Territory.

| Province.                                                 | Immigrants to Madras. |         |            | Emigrants from Madras. |         |            | Excess (+) or deficiency (—) of immigration over emigration. |           |
|-----------------------------------------------------------|-----------------------|---------|------------|------------------------|---------|------------|--------------------------------------------------------------|-----------|
|                                                           | 1921.                 | 1911.   | Variation. | 1921.                  | 1911.   | Variation. | 1921.                                                        | 1911.     |
| Total ...                                                 | 195,363               | 236,255 | - 40,892   | 958,367                | 870,617 | + 87,750   | - 763,004                                                    | - 634,362 |
| British Territory ...                                     | 54,252                | 36,493  | + 17,759   | 453,376                | 384,591 | + 68,785   | - 399,124                                                    | - 348,098 |
| Ajmer-Merwara ...                                         | 445                   | 120     | + 325      | 391                    | 218     | + 173      | + 54                                                         | - 98      |
| Andamans and Nicobars ...                                 | 2                     | 65      | - 63       | 1,598                  | 1,489   | + 109      | - 1,596                                                      | - 1,424   |
| Assam ...                                                 | 51                    | 204     | - 153      | 54,527                 | 34,497  | + 20,030   | - 54,476                                                     | - 34,293  |
| Baluchistan ...                                           | 147                   | 126     | + 21       | 340                    | 134     | + 206      | - 193                                                        | - 8       |
| Bengal ...                                                | 3,176                 | 6,537   | - 3,361    | 28,595                 | 13,170  | + 15,425   | - 25,419                                                     | - 6,633   |
| Bihar and Orissa ...                                      | 16,832                | 426     | + 16,406   | 19,232                 | 16,795  | + 2,437    | - 2,400                                                      | - 16,369  |
| Bombay ...                                                | 15,761                | 16,952  | - 1,191    | 44,033                 | 33,629  | + 10,404   | - 28,272                                                     | - 16,677  |
| Burma ...                                                 | 1,895                 | 1,991   | - 96       | 270,939                | 247,360 | + 23,579   | - 269,044                                                    | - 245,369 |
| Central Provinces and Berar ...                           | 12,376                | 6,281   | + 6,095    | 4,903                  | 5,357   | - 454      | + 7,473                                                      | + 924     |
| Coorg ...                                                 | 345                   | 737     | - 392      | 22,509                 | 28,581  | - 6,072    | - 22,164                                                     | - 27,844  |
| Delhi ...                                                 | 216                   | ...     | + 216      | 553                    | ...     | + 553      | - 337                                                        | ...       |
| North-West Frontier Province ...                          | 146                   | 79      | + 67       | 1,959                  | 63      | + 1,896    | - 1,813                                                      | + 16      |
| Punjab ...                                                | 621                   | 874     | - 253      | 1,583                  | 1,044   | + 539      | - 962                                                        | - 170     |
| United Provinces of Agra and Oudh ...                     | 2,239                 | 2,101   | + 138      | 2,214                  | 2,254   | - 40       | + 25                                                         | - 153     |
| States and Agencies.                                      | 141,111               | 199,762 | - 58,651   | 504,991                | 486,026 | + 18,965   | - 363,880                                                    | - 286,264 |
| Assam State ...                                           | ...                   | ...     | ...        | ...                    | 10      | - 10       | ...                                                          | - 10      |
| Baluchistan State ...                                     | ...                   | ...     | ...        | ...                    | 1       | - 1        | ...                                                          | - 1       |
| Baroda State ...                                          | 130                   | 318     | - 188      | 264                    | 228     | + 36       | - 134                                                        | + 90      |
| Bengal States ...                                         | ...                   | ...     | ...        | 2,675                  | 1,070   | + 1,605    | - 2,675                                                      | - 1,070   |
| Bihar and Orissa States ...                               | 47                    | 975     | - 928      | 16,689                 | 18,694  | - 2,005    | - 16,642                                                     | - 17,719  |
| Bombay States ...                                         | 1,846                 | 1,518   | + 328      | 1,553                  | 1,853   | - 300      | + 293                                                        | - 335     |
| Central India Agency ...                                  | 15                    | 503     | - 488      | 498                    | 1,033   | - 535      | - 483                                                        | - 530     |
| Central Provinces States ...                              | 150                   | 915     | - 765      | 1,594                  | 4,862   | - 3,268    | - 1,444                                                      | - 3,947   |
| Hyderabad State ...                                       | 38,737                | 60,412  | - 21,675   | 84,152                 | 67,821  | + 16,331   | - 45,415                                                     | - 7,409   |
| Kashmir State ...                                         | 33                    | 28      | + 5        | 34                     | 27      | + 7        | - 1                                                          | + 1       |
| Madras States—                                            | ...                   | ...     | ...        | ...                    | ...     | ...        | ...                                                          | ...       |
| Travancore ...                                            | 8,219                 | 10,417  | - 2,198    | 58,080                 | 49,511  | + 8,569    | - 49,861                                                     | - 39,094  |
| Cochin ...                                                | 10,103                | 9,641   | + 462      | 26,380                 | 30,485  | - 4,105    | - 16,277                                                     | - 20,844  |
| Other Madras States ...                                   | 13,339                | 21,048  | - 7,709    | 41,211                 | 46,734  | - 5,523    | - 27,372                                                     | - 25,686  |
| Mysore State ...                                          | 66,577                | 92,503  | - 25,926   | 269,651                | 263,362 | + 6,289    | - 203,074                                                    | - 170,859 |
| North-West Frontier Province (Agencies and Tribal areas). | ...                   | ...     | ...        | ...                    | 9       | - 9        | ...                                                          | - 9       |
| Punjab States ...                                         | ...                   | ...     | ...        | ...                    | 39      | - 39       | ...                                                          | - 39      |
| Rajputana Agency ...                                      | 1,415                 | 1,484   | - 69       | 203                    | 283     | - 80       | + 1,212                                                      | + 1,201   |
| United Provinces States ...                               | ...                   | ...     | ...        | ...                    | 4       | - 4        | ...                                                          | - 4       |
| Burma Administered areas ...                              | ...                   | ...     | ...        | 2,007                  | ...     | + 2,007    | - 2,007                                                      | ...       |

Note.—This part refers to migration between Madras, British Territory, and other parts of India, including the Madras States of Pudukkottai, Banganapalle and Sandur.

## 4.—Migration between the Province and other parts of India—concluded.

## (iii) Madras States.

| Province.                             | Immigrants to Madras States. |        |            | Emigrants from Madras States. |        |            | Excess (+) or deficiency (—) of immigration over emigration. |          |
|---------------------------------------|------------------------------|--------|------------|-------------------------------|--------|------------|--------------------------------------------------------------|----------|
|                                       | 1921.                        | 1911.  | Variation. | 1921.                         | 1911.  | Variation. | 1921.                                                        | 1911.    |
| 1                                     | 2                            | 3      | 4          | 5                             | 6      | 7          | 8                                                            | 9        |
| Total ...                             | 41,999                       | 47,697 | — 5,698    | 14,151                        | 21,888 | — 7,737    | + 27,848                                                     | + 25,809 |
| British Territory ...                 | 41,442                       | 47,148 | — 5,706    | 13,916                        | 21,814 | — 7,898    | + 27,526                                                     | + 25,334 |
| Ajmer-Merwara ...                     | ...                          | ...    | ...        | ...                           | 6      | — 6        | ...                                                          | — 6      |
| Andamans and Nicobars ...             | ...                          | ...    | ...        | 2                             | ...    | + 2        | — 2                                                          | ...      |
| Assam ...                             | ...                          | ...    | ...        | 9                             | 12     | — 3        | — 9                                                          | — 12     |
| Bengal ...                            | 5                            | 10     | — 5        | ...                           | 1      | — 1        | + 5                                                          | + 9      |
| Bihar and Orissa ...                  | ...                          | ...    | ...        | 6                             | ...    | + 6        | — 6                                                          | ...      |
| Bombay ...                            | 196                          | 352    | — 156      | 6                             | 2      | + 4        | + 180                                                        | + 350    |
| Burma ...                             | 20                           | 30     | — 10       | 54                            | 704    | — 650      | — 34                                                         | — 674    |
| Central Provinces and Berar ...       | 1                            | 10     | — 9        | ...                           | 1      | — 1        | + 1                                                          | + 9      |
| Coorg ...                             | ...                          | 4      | — 4        | ...                           | 2      | — 2        | ...                                                          | + 2      |
| Madras ...                            | 41,211                       | 46,784 | — 5,523    | 13,839                        | 21,048 | — 7,209    | + 27,372                                                     | + 25,686 |
| North-West Frontier Province ...      | ...                          | 3      | — 3        | ...                           | ...    | ...        | ...                                                          | + 3      |
| Punjab ...                            | 4                            | 1      | + 3        | ...                           | 6      | — 6        | + 4                                                          | — 5      |
| United Provinces of Agra and Oudh ... | 5                            | 4      | + 1        | ...                           | 32     | — 32       | + 5                                                          | — 28     |
| States and Agencies.                  | 557                          | 549    | + 8        | 235                           | 74     | + 161      | + 322                                                        | + 475    |
| Baroda State ...                      | ...                          | 2      | — 2        | ...                           | ...    | ...        | ...                                                          | + 2      |
| Bombay States ...                     | 3                            | ...    | + 3        | ...                           | ...    | ...        | + 3                                                          | ...      |
| Central Provinces States ...          | 2                            | ...    | + 2        | ...                           | ...    | ...        | + 2                                                          | ...      |
| Hyderabad State ...                   | 179                          | 280    | — 101      | 6                             | ...    | + 6        | + 173                                                        | + 280    |
| Madras States—                        |                              |        |            |                               |        |            |                                                              |          |
| Travancore ...                        | 74                           | 29     | + 45       | 197                           | 9      | + 188      | — 123                                                        | + 20     |
| Cochin ...                            | 21                           | 2      | + 19       | 8                             | 3      | + 5        | + 13                                                         | — 1      |
| Mysore State ...                      | 278                          | 229    | + 49       | 24                            | 55     | — 31       | + 254                                                        | + 174    |
| Rajputana Agency...                   | ...                          | 7      | — 7        | ...                           | 7      | — 7        | ...                                                          | ...      |

Note.—This part refers to migration between the Madras States of Pudukkottai, Banganapalle and Sandūr and other parts of India, including Madras, British Territory.

## CHAPTER IV.—RELIGION.

THE religious distribution of the people of the Madras Presidency is shown in Imperial Table VI. On the title page of the table is given a summary of the returns regarding the sects of Muhammadans; and the information collected regarding the sects of Christians is presented in Imperial Table XV. The salient features of the religious statistics are set out in four subsidiary tables at the end of this chapter which show (1) the general distribution of the population by religion, (2) the distribution by districts of the main religions, (3) the number and variation of the Christian population, and (4) the religion of the urban and rural population. The distribution of Hindus, Musalmans and Christians over the districts of the Presidency is illustrated graphically in the maps at the beginning of the report.

2. The enumerators were instructed to record the main religion returned by each person enumerated and also, in the case of Muhammadans and Christians only, the sect. In India information regarding the religious beliefs of the people is collected at every census because differences of religion still connote social and political differences, and for administrative purposes it is necessary to know the strength and distribution of the various religions in the country. In India, again, no one regards the question about his religion as unnecessary or inquisitorial. But in spite of this it must be admitted that the statistics collected are not satisfactory. The chief hindrance to the obtaining of accurate returns is the fact that the terms used to classify the religions are unfamiliar to the people of the country, and do not really suggest what is meant in common parlance by religion. The worst instances are the terms "Hindu" and "Animist." No Indian is familiar with the term "Hindu" as applied to his religion. If asked what his religion is, he usually replies with the name of the sect (e.g., Saivite), to which he belongs. Many attempts have been made to define the term "Hindu," but none has been successful, and only within the last few months a select committee of the Legislative Assembly has given up the attempt to find an adequate definition. For the word "Hindu" implies not only certain religious beliefs but also a certain nationality and almost necessarily a certain social organization. In 1881 it was stated in the Madras Census Report that the term "Hinduism includes all those who recognize caste and who are governed by one of the systems of Hindu Law." In other words it includes practically every Indian who owns no allegiance to any other definite creed. A term so elastic naturally cannot imply any definite creed or system of morality; and in fact it is the custom of his caste rather than his religion which determines the moral standard of the ordinary Hindu. The question what it is which all those who are labelled "Hindu" have in common and which those who are not Hindus are without, admits of no easy or complete answer. The religion of the great majority of those who are classed as Hindus implies a recognition, more or less perfunctory, of the great orthodox deities, the incarnations of Vishnu or Siva, their wives or their offspring; but in South India, at any rate, these Gods are in the main recognized only at times of festival or on occasion of special observances. More intimate devotion is paid to the local Amman or Grāmadēvata in whose power it rests to bestow prosperity or the reverse on the individuals who shelter beneath their sway. There are also many malevolent powers always on the lookout for opportunities to cause harm or suffering and these it is always advisable to appease with timely propitiation. Thus the religious exercises of the "Hindu" may be described as a series of remonies undertaken in order to avert harm from, or to secure benefits for,



himself and his belongings. The speculations of the philosophers, Sankara, Ramanuja and Madhwa, no doubt afford intellectual diversion for the learned; but they are purely metaphysical exercises, and of the religion which inspires and moulds men's conduct, these metaphysics form little or no part.

## Animism

3. Within the all-embracing sphere of Hinduism are found rites and ceremonies, superstitions and beliefs, characteristic of every stage of civilization. Hinduism tends to absorb every saint or deity with whom it comes in contact; it finds a place for the God in its pantheon, and room for the worshippers in its temple courts. It is only by these absorptions that Hinduism can expand; for Hinduism is a birth-right which cannot be acquired; just as a man cannot become a Brahman unless he be born one, so it is claimed that no person born in another religion can become a Hindu. That this process of absorption is not inactive, the census statistics bear witness when they show an increase in the number of Hindus and a fall in the number of Animists. And this leads to comment on the difficulty of distinguishing between the Hindu and the Animist. We have seen that the term "Hindu" does not admit of definition. The term "Animist" does represent a certain form of religious belief and is capable of definition, but the ordinary enumerator is unable either to understand the distinction between the two or to apply intelligently a definition of Animist; nor can this be wondered at, for the orthodox rites of Hindu worship contain much that is definitely Animistic in origin. Accordingly after the practice of 1901 and 1911, enumerators were instructed, when taking the census of jungle tribes, if they found people who said they were not Hindus or who could not understand references to the orthodox Hindu deities, to record for such people under the head "Religion" the name of their tribe. In the tabulation offices all persons whose religion was described in this way were treated as Animists. In Appendix V there is a statement which shows the strength of each tribe and the numbers whose religion was entered in this way, and compares this proportion of the tribal strength with the number so returned in 1901 and 1911. It is evident from the extract from this table given in the margin that whether a man is returned as a Hindu or an Animist depends less upon his religious beliefs and observances than upon the enumerators' whims.

| Tribe.     | Percentage returned as Animists in |       |       |
|------------|------------------------------------|-------|-------|
|            | 1921.                              | 1911. | 1901. |
| Khond ...  | 82.7                               | 75.1  | 95.9  |
| Savara ... | 59.0                               | 70.0  | 86.7  |
| Yānadi ... | 46.8                               | 64.7  | 11.9  |
| Porojā ... | 68.8                               | 24.1  | 28.8  |
| Gadabā ... | 47.4                               | 6.0   | 47.6  |
| Kōyā ...   | 12.0                               | 33.6  | 18.8  |

## Summary of the statistics

4. Having thus made it clear that the line dividing the Hindu from the Animist is not capable of strict definition and that it varies from one census to another, we may now proceed to consider the actual statistics returned. The figures in the margin show that there has been very little change in the relative strength of the main religions.

|               | Number per 1,000 of the total population. |       |
|---------------|-------------------------------------------|-------|
|               | 1921.                                     | 1911. |
| Hindu ...     | 887                                       | 889   |
| Musalman ...  | 67                                        | 68    |
| Christian ... | 32                                        | 29    |
| Animistic ... | 13                                        | 15    |
| Others ...    | 1                                         | 1     |

What little movement can be noticed is from Hinduism and Animism to Muhammadanism and Christianity. But the movement is so small that in the distribution of a hundred persons no variation is perceptible between 1911 and 1921. It is still true as it was in 1911 that of every hundred persons in Madras 89 are Hindus, 7 are Muhammadans, 3 are Christians and 1 is an Animist. Yet during the decade, while the population as a whole has risen by 2.2 per cent, Hindus have increased by 1.9 per cent, Muhammadans by 3.7 per cent and Christians by 14.2 per cent. On the other hand, Animists have decreased by 9.4 per cent and the others by 3.7 per cent. In view, however, of the impossibility of distinguishing accurately between Hindus and Animists a better comparison may perhaps be obtained by combining the figures for these two religions. This is the less objectionable in that there is on the one hand little to distinguish the religion of the uneducated Hindu from that of an Animist, and on

the other hand there is little to distinguish the Hindu from the Animistic member of the same tribe. The figures are as follows:—

|                            | 1921.      | 1911.      | 1901.      | Variation. |            |
|----------------------------|------------|------------|------------|------------|------------|
|                            |            |            |            | 1911-1921. | 1901-1911. |
| Hindu and Animist ...      | 38,520,589 | 37,868,500 | 35,078,411 | 1.7        | 8.0        |
| Increase in population ... | ...        | ...        | ...        | 2.2        | 7.2        |

Thus while between 1901 and 1911 Hindus and Animists together increased at a greater rate than the population as a whole, in this decade they have lost ground.

5. In the fourteen districts noted in the margin and in the State of Pudukkōttai 90 per cent and more of the population are Hindus. If Animists also be added to Hindus, the Agency division must be added to these districts. Apart from Anjengo, where Christians predominate, Malabar is the only district in

|              |               |
|--------------|---------------|
| Ganjām.      | North Arcot.  |
| Vizagapatam. | Salem.        |
| Godāvari.    | Coimbatore.   |
| Kistna.      | South Arcot.  |
| Anantapur.   | Tanjore.      |
| Chingleput.  | Trichinopoly. |
| Chittoor.    | Madura.       |

## Distribution by districts

which the Hindus and Animists number less than 70 per cent of the population. Hindus have gained ground at the expense of Animists in the Agency and in the districts of Ganjām and Nellore; in the East Coast Central division (chiefly in the districts of Madras, North Arcot and Salem) they have gained at the expense of Muhammadans and they have also gained from Muhammadans in the district of Rāmnād. Elsewhere they have lost to Muhammadans and to Christians.

6. From the tolerant theology of Hinduism we pass to the uncompromising creed of Islam. Yet even here the "pure doctrine of the word" has in some measure caught infection from the surrounding Hindus. Witness the curious sect of Dūdēkulas whose religious exercises are derived both from Hindu and Muhammadan exemplars and the famous shrine at Nagore which attracts Hindus as well as Muhammadans to its annual festival.

## Muhammadanism

The Muhammadan population of the Presidency has increased during the decade by 3.7 per cent; but in the East Coast North and West Coast divisions the increase is considerably larger, being 6.3 and 5.7 per cent. In the East Coast North division the increase occurred principally in the districts of Guntūr and Nellore and chiefly in the Sheik tribe. The West Coast is the home of the Māppillas whose population has increased during the past decade by 6 per cent. It is only reasonable to conjecture that this increase, which is more than double that of the total population of the locality, is due to conversion, especially when we find that the Cheruman population, which provides most of the Māppilla recruits, has fallen during the decade by 7,000 or 2 per cent.

It is only in Malabar, South Kanara, the Deccan districts, and Madras that the Musalmans number 10 per cent of the population. They are fewest in the district of Ganjām and in the Agency where they form less than one per cent of the inhabitants.

7. At this census for the first time since 1881 sects of Muhammadans were recorded with the following result:—

| Sect.                 | 1921.     | Per cent. | 1881.     | Per cent. |
|-----------------------|-----------|-----------|-----------|-----------|
|                       |           |           |           |           |
| Sunni ...             | 2,681,945 | 93.60     | 1,758,376 | 90.94     |
| Shiah ...             | 54,114    | 1.89      | 44,378    | 2.29      |
| Others ...            | 2,394     | 0.08      | 1,102     | 0.06      |
| Sect not returned ... | 126,832   | 4.43      | 129,715   | 6.71      |
|                       | 2,865,285 | 100.00    | 1,933,571 | 100.00    |

## Muhammadan sects

Thus whereas in 1881 of every 100 Muhammadans, 91 were Sunnis, 2 were Shiahs and 7 had not returned their sect, at this census we have 94 Sunnis, 2 Shiahs, and 4 who have returned no sect.

An examination of the records of a few districts in which a considerable number of Shiahhs were returned shows that the majority of those who profess to be Shiahhs are Sheiks by tribe, though it is remarkable that in Tanjore district the majority of Shiahhs are Labbais, while in Malabar practically all persons who claim to belong to the Shiah sect are either Mappillas or Labbais.

## Christians

8. Since 1911 the Christians of Madras have increased by 172,157 or 14·2 per cent. The figures for the various natural divisions are noted in the margin. The largest increase both actually and proportionately has been in the East Coast North division.

| Divisions.                | Increase. |           |
|---------------------------|-----------|-----------|
|                           | Actual.   | Per cent. |
| Agency ... ..             | 4,338     | 32·7      |
| East Coast North ... ..   | 85,497    | 38·6      |
| Deccan ... ..             | 15,119    | 20·6      |
| East Coast Central ... .. | 15,917    | 7·5       |
| East Coast South ... ..   | 36,334    | 7·2       |
| West Coast ... ..         | 14,952    | 8·8       |

Every district except Ganjām has contributed to this increase, of which the chief details are as follows:—

| District.       | Increase. |           |
|-----------------|-----------|-----------|
|                 | Actual.   | Per cent. |
| Kistna ... ..   | 41,224    | 82·7      |
| Guntūr ... ..   | 29,803    | 24·1      |
| Nellore ... ..  | 8,198     | 18·5      |
| Gōdāvari ... .. | 5,997     | 72·8      |

Next in point of numbers comes the East Coast South division, where the actual increase is considerably greater than in the Agency and the Deccan which have larger proportionate increases. The only Deccan district in which there has been an increase comparable with that of the Northern Circars is Kurnool, where the number of Christians has increased by 11,588 or 27·5 per cent.

The district containing the largest Christian population is Tinnevely, and here there has been an increase of 16,461 or 9·4 per cent. Of the other Southern districts, Trichinopoly, Madura and Rāmnād show increases ranging between 4,800 and 8,100; Coimbatore has an increase of nearly 9,000 or 44·8 per cent; and in South Kanara the numbers have risen by 10,000 or 10·8 per cent.)

## Distribution of Christian population

| Natural division.         | 1921. | 1911. | 1901. |  |
|---------------------------|-------|-------|-------|--|
| Agency ... ..             | 13    | 11    | 5     |  |
| East Coast North ... ..   | 231   | 193   | 171   |  |
| Deccan ... ..             | 64    | 61    | 58    |  |
| East Coast Central ... .. | 165   | 175   | 188   |  |
| East Coast South ... ..   | 393   | 419   | 433   |  |
| West Coast ... ..         | 134   | 141   | 145   |  |

9. From the statement in the margin, which shows the distribution among the natural divisions of 1,000 Christians in each of the years 1901, 1911 and 1921, it will be seen that the East Coast North division which, in 1901, had 17 less Christians than the East Coast Central division, now has 66 more, and is rapidly pulling down the lead long held by the East Coast-South division.

## Christian denominations

10. As mentioned already, the distribution of the principal Christian denominations is set out in Imperial Table XV. It is disappointing that such a large number have failed to return their sect; for this table is of little practical use except to missionaries and other religious workers who may wish to use its figures either to check their own returns or as a basis for constructive propaganda; and in either case incomplete figures are of little or no value. Probably the most interesting feature of the table is the fact that now for the first time the South India United Church appears as a distinct denomination. As was mentioned in the report of 1911, this body is composed of the adherents of the London Mission, the American Madura Mission, the American Arcot Mission and the United Free Church of Scotland Mission. According to the census tables its numbers are just over 63,000; but the authorities of the Church claim that their adherents in Madras number more than 100,000. The Church is organized in eight areas each under the control of a Church Council. Of these areas, Jaffna, Travancore and part of the Kanarese jurisdiction lie outside the scope of this report.

The information furnished by the authorities of the Church gives the number of Christians in each Council area as shown below:—

| Church Council.    | District.          | Population according to census. | Population according to Church statistics. |
|--------------------|--------------------|---------------------------------|--------------------------------------------|
| Madura ... ..      | Madura ... ..      | 7,767                           | 25,098                                     |
| North Tamil ... .. | Rāmnād ... ..      | 6,923                           |                                            |
|                    | Salem ... ..       | 431                             | 12,857                                     |
|                    | Coimbatore ... ..  | 2,125                           |                                            |
|                    | Madras ... ..      | 1,128                           | 29,734                                     |
|                    | Chingleput ... ..  | 2,382                           |                                            |
|                    | North Arcot ... .. | 3,944                           | 1,604                                      |
|                    | South Arcot ... .. | 2,191                           |                                            |
|                    | Chittoor ... ..    | 3,315                           | 29,396                                     |
|                    | Vizagapatam ... .. | 18                              |                                            |
|                    | Gōdāvari ... ..    | 95                              | 7,085                                      |
|                    | Bellary ... ..     | 404                             |                                            |
|                    | Kurnool ... ..     | 4,434                           | 58,888                                     |
|                    | Cuddapah ... ..    | 15,223                          |                                            |
|                    | Anantapur ... ..   | 1,570                           | 105,774                                    |
|                    | Malabar ... ..     | 8,938                           |                                            |
|                    |                    |                                 |                                            |

It is difficult to account for the discrepancies in the areas of the Madura and North Tamil Councils. Possibly some of these Christians have returned themselves as belonging to some other denomination. Rāmnād district shows a remarkable increase under Anglicans and Lutherans and it is possible that some of these should have been returned as members of the South India United Church. If the figures given by the Church for their adherents in Coimbatore and Salem are correct, the Christians in these districts must have been returned both at this census and in 1911 under some other head. The South India United Church claims nearly 13,000 Christians in these two districts. In 1911 there were 35,000 Christians in these districts of whom 29,500 were Roman Catholics. At this census we have 43,700 Christians in the two districts of whom 36,000 are Roman Catholics. No satisfactory explanation for these discrepancies has been suggested.

Negotiations are at present in train for a further union between the South India United Church and the Anglican Church and it may be that, at the time the next census report comes to be written, still further steps may have been taken towards the union of all Protestant Christians in Southern India.

11. Passing on to the other denominations in order of numerical superiority, we find that the Roman Catholic Church has increased during the decade by 71,239 persons or 10 per cent. The chief increase is in the Tinnevely district where the numbers have gone up by 20 per cent. In Madura and South Kanara the numbers have risen by 15 per cent and 12 per cent. In South Arcot the numbers have decreased by 5 per cent and they have also gone down in Ganjām, Kurnool and Bellary. Apparently this decrease in population simply reflects the general decrease in the population of these districts.

Roman Catholics

12. Anglicans have increased by 15,313 or 9 per cent. The main increases are in Kistna (62½ per cent), Kurnool (14½ per cent), and Rāmnād (29½ per cent). The great stronghold of the Anglican Communion is the district of Tinnevely and here it is remarkable that their numbers have gone down by 1 per cent as compared with the returns of 1911. A closer examination of the figures, however, suggests that there is something peculiar in the female population returned in 1911, for whereas the two sexes show a steady growth from 1891 to 1901, in which years they were in approximately the same proportion as they are at the census of 1921, in 1911 there was an abrupt increase in the number of females, the numbers returned being 39,068 males to 45,822 females. At this census the sex proportions revert more or less to what they were in 1891 and

Anglicans

1901. It has been impossible to discover any reason for the abnormal increase in the Anglican female population in 1911. Nor has local inquiry elicited any circumstance which may have caused it.

**Baptists**

13. Baptists show a considerable increase in the Ceded districts and in Kurnool particularly. The main increases are in the districts of Kistna (57·2 per cent), Nellore (16·6 per cent), Guntūr (10·2 per cent) and Kurnool (26·1 per cent). The number of Baptists in Gōdāvari has increased by 2,000 or 50 per cent.

**Lutherans**

14. Guntūr and Kistna again are responsible for a large increase in the number of Lutherans. In Kistna their numbers have risen by more than 100 per cent to just over 20,000 and in Guntūr they have risen from 44,000 to 64,000.

**Methodists**

15. The number of Methodists has risen by 42 per cent; the chief increases are in the districts of the Nilgiris, Tinnevely, Chingleput and Coimbatore.

**Salvation Army**

16. The number of adherents of the Salvation Army has increased by 50 per cent. The chief scenes of activity are the districts of Kistna, Guntūr and Nellore, in each of which there has been a substantial increase. The special work on which the Salvation Army concentrates is the management of criminal settlements, where predatory tribes are kept under more or less close restraint and are taught and exercised in the means of earning an honest livelihood.

**Congregationalists and Presbyterians**

17. The returns under Congregationalists and Presbyterians can hardly be compared with those of previous censuses, for the majority of the Christians who were formerly returned under one of these heads have at this census been returned as members of the South India United Church.

**Protestants unspecified**

18. The number of persons returned as Protestants without any further indication of sect shows a fall of nearly 14 per cent. Of the 9,500 people returned under this head more than half are in the district of South Kanara, where the Kanarese Evangelical Mission expressly repudiates adherence to any recognized sect.

**Minor Protestant denominations**

19. There is also a fall in the numbers returned under the head Minor Protestant denominations. The bodies grouped under this head are specified on the title page of Imperial Table XV. The chief of them are Adventists and various missions conducted under the auspices of Plymouth Brethren. All these bodies have returned numbers largely in excess of those returned in 1911.

**Syrian Christians**

20. The number of Syrian Christians is slightly in excess of the number returned in 1911. As on that occasion the great majority of them are found in Malabar with a few in South Kanara and Madras. The details of their sects are entered on the title page of the table and call for no special remarks.

**Jains**

21. The number of Jains has fallen by 1,512 during the past decade. Of the Jains in the Madras Presidency the majority are permanent residents engaged in cultivation, but in almost every district there is a certain number of Mārwarī merchants and business men who travel up and down the country in pursuit of their business. A rough estimate of the number of Jains who are permanent residents in Madras gives the following result:—

|                  | 1921.  | 1911.  | Difference. |
|------------------|--------|--------|-------------|
| Chingleput ...   | 553    | 371    | + 182       |
| North Arcot ...  | 8,271  | 8,826  | - 555       |
| South Arcot ...  | 4,558  | 4,947  | - 389       |
| Tanjore ...      | 532    | 595    | - 63        |
| South Kanara ... | 8,153  | 8,898  | - 745       |
| Malabar ...      | 429    | 490    | - 61        |
| Bellary ...      | 1,019  | 1,156  | - 137       |
| Anantapur, ...   | 196    | 436    | - 240       |
| Total ...        | 23,711 | 25,719 | - 2,008     |

(1) In the Carnatic, that is to say, Chingleput, North Arcot and the districts south of them, there are about 14,000 Jains; (2) in the districts of South Kanara and Malabar about 8,500; and (3) in the Ceded districts, chiefly Bellary and Anantapur, about 1,200. The figures in the margin suggest that it is the Jains who belong to Madras whose numbers are declining, and not those who come on business from other provinces.

22. Buddhists have nearly doubled during the decade, having increased from 697 to 1,222. Most of them are found in Madras and in the districts of North Arcot and Chingleput. The Buddhists of Madras are mostly recent converts from the depressed classes or from fishermen. There is an association in Madras which professes "to promote the knowledge of Buddhism amongst the Indians with a view to secure adherents"; but apparently this association has succeeded only in securing about 500 adherents in the last ten years, so that the movement does not promise to lead to any great result.

**Buddhists**

23. Parsis, who in 1911 were just under 500, have now just passed that number. They are mostly found, as is natural, in the principal trade centres, Madras, the Nilgiris, Malabar and so forth. Unlike the Jain Mārwarī, the Parsi business man migrates permanently to Madras or wherever it may be, and makes a permanent home for himself and his family. He is not continually travelling about the country, but stays, as a rule, in one place and there conducts his business.

**Parsis**

24. The Brahmo Samaj seems to be losing its ground in this Presidency unless its members have preferred, at this census, to return themselves as "Hindu." We have now only 171 Brahmos against 374 in 1911. Most of these persons are in Madras. The districts which they favour most next to Madras are South Kanara, Malabar and Ganjam.

**Brahmo and Arya Samaj**

25. At this census 51 people, of whom 44 are in South Kanara, have returned themselves as members of the "Arya Samaj." A branch of this society has recently been started in Madras and it is reported to be at work at various centres such as Mangalore, Madura and places in Chittoor and Anantapur districts. From the census statistics it appears that in the district of South Kanara only has the movement met with a favourable reception. Generally speaking it is evident that neither of these reformed Hindu societies has any effect on the religious life or thought of the masses of the Madras Presidency.

26. The number of Jews in Madras is only 45, of whom 34 are in the Malabar district. They are more numerous in Travancore and Cochin, where they number 258 and 1,167. There is a curious sect in the Tinnevely district near the great Christian centre of Nazareth which has broken away from the Anglican Church and formed a new sect styled variously Jews, Hindu Christians, or Jehovah-Messianists. The sect was started in 1850 by an influential convert, who owing to some personal differences with the leading missionaries of the S.P.G. founded a new Church of his own. For some years the new sect flourished, but now it numbers only a few hundred people scattered over three or four villages. In their religious observances they differ little from the body which they left, but as they have adopted a few Jewish practices they claim a right to call themselves Jews. At the census, however, these people have all been returned as Christians.

**Jews**

27. At previous censuses it was the practice to include Freethinkers, Atheists, Theosophists and others who profess similar indefinite beliefs under the category of Christians. On this occasion these people are shown under the head "Others," along with Confucians, Sikhs and members of the Arya Samaj. The exact numbers who profess each of these creeds will be found on the title page of Imperial Table VI.

**Others**

## 1.—General distribution of population by religions.

| Religion or locality.  | Actual number in 1921. | Proportion per 10,000 of population in |       |       |       | Variation per cent. Increase +. Decrease —. |            |            | Net variation. |
|------------------------|------------------------|----------------------------------------|-------|-------|-------|---------------------------------------------|------------|------------|----------------|
|                        |                        | 1921.                                  | 1911. | 1901. | 1891. | 1911-1921.                                  | 1901-1911. | 1891-1901. |                |
| 1                      | 2                      | 3                                      | 4     | 5     | 6     | 7                                           | 8          | 9          | 10             |
| <b>Hindu.</b>          |                        |                                        |       |       |       |                                             |            |            |                |
| PROVINCE ...           | 37,942,191             | 8,866                                  | 8,892 | 8,914 | 8,983 | + 1.9                                       | + 8.1      | + 6.3      | + 17.2         |
| Agency ...             | 1,026,939              | 6,862                                  | 6,772 | 6,216 | 6,575 | - 2.7                                       | + 28.8     | - 2.3      | + 22.4         |
| East Coast North ...   | 10,084,579             | 9,279                                  | 9,347 | 9,386 | 9,511 | + 2.5                                       | + 9.5      | + 7.2      | + 20.3         |
| Deccan ...             | 3,163,722              | 8,622                                  | 8,721 | 8,781 | 8,903 | - 4.9                                       | + 3.0      | + 3.9      | - 1.8          |
| East Coast Central ... | 11,316,331             | 9,433                                  | 9,429 | 9,436 | 9,468 | + 3.0                                       | + 7.8      | + 8.6      | + 20.3         |
| East Coast South ...   | 9,229,361              | 8,972                                  | 8,982 | 9,011 | 9,023 | + 2.9                                       | + 8.0      | + 5.3      | + 17.0         |
| West Coast ...         | 3,121,259              | 6,869                                  | 7,043 | 7,180 | 7,301 | + 2.2                                       | + 5.0      | + 4.5      | + 12.3         |
| <b>Musalman.</b>       |                        |                                        |       |       |       |                                             |            |            |                |
| PROVINCE ...           | 2,865,285              | 670                                    | 660   | 644   | 630   | + 3.7                                       | + 11.1     | + 9.6      | + 26.2         |
| Agency ...             | 4,421                  | 30                                     | 29    | 27    | 25    | - 3.4                                       | + 27.4     | + 15.6     | + 42.3         |
| East Coast North ...   | 342,797                | 315                                    | 306   | 298   | 287   | + 6.3                                       | + 12.9     | + 12.7     | + 35.6         |
| Deccan ...             | 411,158                | 1,121                                  | 1,060 | 1,022 | 980   | + 1.7                                       | + 7.6      | + 9.8      | + 20.2         |
| East Coast Central ... | 430,110                | 359                                    | 365   | 359   | 354   | + 1.3                                       | + 9.5      | + 10.5     | + 22.6         |
| East Coast South ...   | 513,733                | 499                                    | 510   | 499   | 499   | + 0.9                                       | + 10.6     | + 5.7      | + 18.0         |
| West Coast ...         | 1,163,066              | 2,597                                  | 2,538 | 2,411 | 2,327 | + 5.7                                       | + 12.7     | + 10.1     | + 31.2         |
| <b>Christian.</b>      |                        |                                        |       |       |       |                                             |            |            |                |
| PROVINCE ...           | 1,380,672              | 323                                    | 289   | 269   | 244   | + 14.2                                      | + 16.3     | + 18.1     | + 57.0         |
| Agency ...             | 17,603                 | 118                                    | 85    | 36    | 8     | + 32.7                                      | + 176.0    | + 336.2    | + 1,497.4      |
| East Coast North ...   | 318,955                | 295                                    | 222   | 186   | 147   | + 36.6                                      | + 31.1     | + 37.3     | + 146.1        |
| Deccan ...             | 88,564                 | 241                                    | 192   | 165   | 112   | + 20.6                                      | + 21.4     | + 54.8     | + 128.7        |
| East Coast Central ... | 227,939                | 190                                    | 182   | 180   | 163   | + 7.5                                       | + 8.8      | + 20.2     | + 40.5         |
| East Coast South ...   | 542,508                | 528                                    | 507   | 489   | 477   | + 7.2                                       | + 12.5     | + 8.0      | + 30.1         |
| West Coast ...         | 185,099                | 413                                    | 393   | 372   | 343   | + 8.8                                       | + 13.1     | + 15.3     | + 41.8         |
| <b>Animistic.</b>      |                        |                                        |       |       |       |                                             |            |            |                |
| PROVINCE ...           | 578,398                | 135                                    | 153   | 166   | 131   | - 9.4                                       | - 0.6      | + 35.7     | + 18.9         |
| Agency ...             | 447,395                | 2,990                                  | 3,114 | 3,721 | 3,392 | - 7.9                                       | - 1.0      | + 11.8     | + 1.9          |
| East Coast North ...   | 119,784                | 111                                    | 125   | 130   | 55    | - 8.7                                       | + 4.8      | + 163.0    | + 151.5        |
| Deccan ...             | 4,714                  | 13                                     | 23    | 27    | ...   | - 44.3                                      | - 14.3     | ...        | ...            |
| East Coast Central ... | 6,225                  | 5                                      | 10    | 11    | ...   | - 47.5                                      | + 3.9      | ...        | ...            |
| East Coast South ...   | ...                    | ...                                    | ...   | ...   | ...   | ...                                         | ...        | ...        | ...            |
| West Coast ...         | 330                    | 1                                      | 3     | 12    | ...   | - 76.4                                      | - 70.4     | ...        | ...            |
| <b>Jain.</b>           |                        |                                        |       |       |       |                                             |            |            |                |
| PROVINCE ...           | 25,493                 | 6                                      | 6     | 7     | 8     | - 5.6                                       | - 1.6      | ...        | - 7.0          |
| Agency ...             | 541                    | ...                                    | ...   | ...   | ...   | + 358.5                                     | - 21.6     | + 120.5    | + 1,129.5      |
| East Coast North ...   | 1,262                  | 3                                      | 4     | 5     | 5     | - 25.2                                      | - 10.5     | + 2.8      | - 31.3         |
| Deccan ...             | 14,545                 | 12                                     | 13    | 14    | 14    | - 4.0                                       | + 2.8      | + 3.0      | + 1.6          |
| East Coast Central ... | 549                    | 1                                      | 1     | 1     | 1     | - 16.3                                      | + 6.0      | + 4.0      | - 7.7          |
| East Coast South ...   | 8,596                  | 19                                     | 22    | 25    | 23    | - 8.5                                       | - 6.6      | - 5.3      | - 19.1         |
| West Coast ...         | ...                    | ...                                    | ...   | ...   | ...   | ...                                         | ...        | ...        | ...            |
| <b>Others.</b>         |                        |                                        |       |       |       |                                             |            |            |                |
| PROVINCE ...           | 2,116                  | ...                                    | ...   | ...   | 4     | + 26.5                                      | + 119.6    | + 50.6     | + 36.9         |
| Agency ...             | 134                    | ...                                    | ...   | ...   | ...   | - 10.6                                      | - 5.7      | - 22.4     | - 34.6         |
| East Coast North ...   | 39                     | ...                                    | ...   | ...   | ...   | - 27.0                                      | - 15.1     | + 76.7     | + 56.0         |
| Deccan ...             | 1,537                  | 1                                      | 1     | ...   | 1     | + 62.3                                      | + 204.5    | + 61.4     | + 90.7         |
| East Coast Central ... | 80                     | ...                                    | ...   | ...   | ...   | - 35.5                                      | + 217.9    | - 61.0     | - 20.0         |
| East Coast South ...   | 326                    | 1                                      | 1     | ...   | 1     | - 18.9                                      | + 101.0    | - 51.2     | - 20.5         |
| West Coast ...         | ...                    | ...                                    | ...   | ...   | ...   | ...                                         | ...        | ...        | ...            |

## 2.—Distribution by districts of the main religions.

| District and natural division. | Number per 10,000 of the population who are |              |              |              |              |              |              |              |            |            |            |            |              |              |              |              |
|--------------------------------|---------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|--------------|--------------|--------------|--------------|
|                                | Hindu.                                      |              |              |              | Musalman.    |              |              |              | Christian. |            |            |            | Others.      |              |              |              |
|                                | 1921.                                       | 1911.        | 1901.        | 1891.        | 1921.        | 1911.        | 1901.        | 1891.        | 1921.      | 1911.      | 1901.      | 1891.      | 1921.        | 1911.        | 1901.        | 1891.        |
| 1                              | 2                                           | 3            | 4            | 5            | 6            | 7            | 8            | 9            | 10         | 11         | 12         | 13         | 14           | 15           | 16           | 17           |
| <b>Agency ...</b>              | <b>6,862</b>                                | <b>6,772</b> | <b>6,216</b> | <b>6,575</b> | <b>30</b>    | <b>29</b>    | <b>27</b>    | <b>25</b>    | <b>118</b> | <b>85</b>  | <b>36</b>  | <b>8</b>   | <b>2,990</b> | <b>3,114</b> | <b>3,721</b> | <b>3,392</b> |
| <b>East Coast North.</b>       | <b>9,279</b>                                | <b>9,347</b> | <b>9,386</b> | <b>9,511</b> | <b>315</b>   | <b>306</b>   | <b>298</b>   | <b>287</b>   | <b>295</b> | <b>222</b> | <b>186</b> | <b>147</b> | <b>111</b>   | <b>125</b>   | <b>130</b>   | <b>55</b>    |
| Ganjām ...                     | 9,690                                       | 9,675        | 9,589        | 9,651        | 28           | 29           | 35           | 34           | 11         | 13         | 14         | 15         | 271          | 283          | 362          | 300          |
| Vizagapatam ...                | 9,872                                       | 9,869        | 9,630        | 9,876        | 88           | 100          | 108          | 108          | 25         | 23         | 20         | 16         | 15           | 8            | 242          | ...          |
| Godāvari ...                   | 9,742                                       | 9,771        | 9,787        | 9,793        | 158          | 169          | 175          | 182          | 97         | 57         | 37         | 24         | 3            | 3            | 1            | 1            |
| Kistna ...                     | 9,208                                       | 9,389        | 9,468        | 9,547        | 350          | 354          | 353          | 347          | 427        | 250        | 167        | 106        | 15           | 7            | 12           | ...          |
| Guntūr ...                     | 8,378                                       | 8,526        | 8,618        | 8,843        | 722          | 691          | 654          | 620          | 848        | 729        | 679        | 536        | 52           | 54           | 49           | ...          |
| Nellore ...                    | 8,585                                       | 8,555        | 9,098        | 9,153        | 644          | 616          | 587          | 563          | 379        | 334        | 284        | 281        | 392          | 495          | 31           | 3            |
| <b>Deccan ...</b>              | <b>8,622</b>                                | <b>8,721</b> | <b>8,781</b> | <b>8,903</b> | <b>1,121</b> | <b>1,060</b> | <b>1,022</b> | <b>980</b>   | <b>241</b> | <b>192</b> | <b>165</b> | <b>112</b> | <b>16</b>    | <b>27</b>    | <b>32</b>    | <b>5</b>     |
| Cuddapah ...                   | 8,491                                       | 8,602        | 8,756        | 8,912        | 1,199        | 1,109        | 1,037        | 885          | 290        | 251        | 207        | 103        | 20           | 38           | ...          | ...          |
| Kurnool ...                    | 8,062                                       | 8,236        | 8,357        | 8,530        | 1,339        | 1,291        | 1,234        | 1,191        | 586        | 450        | 391        | 278        | 13           | 23           | ...          | ...          |
| Banganapalle ...               | 7,729                                       | 7,752        | 7,947        | 7,985        | 2,082        | 2,047        | 1,932        | 1,899        | 189        | 200        | 92         | 18         | ...          | 1            | 18           | 1            |
| Bellary ...                    | 8,931                                       | 8,972        | 8,920        | 8,972        | 1,013        | 966          | 1,008        | 953          | 41         | 48         | 53         | 59         | 15           | 16           | 19           | 16           |
| Sandūr ...                     | 8,138                                       | 8,047        | 8,162        | 8,326        | 1,841        | 1,893        | 1,805        | 1,640        | 21         | 53         | 33         | 34         | ...          | 7            | ...          | ...          |
| Anantapur ...                  | 9,042                                       | 9,099        | 9,098        | 9,237        | 889          | 831          | 783          | 738          | 52         | 38         | 30         | 21         | 17           | 32           | 89           | 4            |
| <b>East Coast Central.</b>     | <b>9,433</b>                                | <b>9,429</b> | <b>9,436</b> | <b>9,468</b> | <b>359</b>   | <b>365</b>   | <b>359</b>   | <b>354</b>   | <b>190</b> | <b>182</b> | <b>180</b> | <b>163</b> | <b>18</b>    | <b>24</b>    | <b>25</b>    | <b>15</b>    |
| Madras ...                     | 8,117                                       | 8,019        | 8,062        | 7,936        | 1,009        | 1,141        | 1,126        | 1,176        | 838        | 806        | 804        | 879        | 36           | 34           | 8            | 9            |
| Chingleput ...                 | 9,543                                       | 9,547        | 9,566        | 9,612        | 224          | 225          | 229          | 227          | 218        | 216        | 202        | 158        | 15           | 12           | 3            | 3            |
| Chittoor ...                   | 9,396                                       | 9,417        | 9,468        | 9,548        | 511          | 478          | 452          | 429          | 54         | 37         | 33         | 23         | 39           | 68           | 47           | ...          |
| North Arcot ...                | 9,207                                       | 9,186        | 9,194        | 9,243        | 576          | 601          | 591          | 580          | 175        | 167        | 163        | 124        | 42           | 46           | 52           | 53           |
| Salem ...                      | 9,703                                       | 9,696        | 9,673        | 9,673        | 223          | 228          | 236          | 230          | 73         | 76         | 80         | 95         | 1            | ...          | 1            | 2            |
| Coimbatore ...                 | 9,065                                       | 9,694        | 9,677        | 9,725        | 207          | 204          | 202          | 192          | 128        | 92         | 90         | 81         | ...          | 10           | 31           | 2            |
| South Arcot ...                | 9,412                                       | 9,410        | 9,419        | 9,453        | 289          | 284          | 273          | 268          | 279        | 285        | 283        | 253        | 20           | 21           | 25           | 26           |
| <b>East Coast South.</b>       | <b>8,972</b>                                | <b>8,982</b> | <b>9,011</b> | <b>9,023</b> | <b>499</b>   | <b>510</b>   | <b>499</b>   | <b>499</b>   | <b>528</b> | <b>507</b> | <b>489</b> | <b>477</b> | <b>1</b>     | <b>1</b>     | <b>1</b>     | <b>1</b>     |
| Tanjore ...                    | 9,051                                       | 9,062        | 9,062        | 9,076        | 562          | 555          | 548          | 538          | 385        | 380        | 387        | 383        | 2            | 3            | 3            | 3            |
| Trichinopoly ...               | 9,182                                       | 9,183        | 9,223        | 9,260        | 336          | 342          | 320          | 299          | 482        | 475        | 457        | 441        | ...          | ...          | ...          | ...          |
| Pudukkottai ...                | 9,215                                       | 9,276        | 9,298        | 9,327        | 352          | 328          | 322          | 303          | 433        | 398        | 380        | 370        | ...          | ...          | ...          | ...          |
| Madura ...                     | 9,282                                       | 9,291        | 9,308        | 9,320        | 393          | 396          | 400          | 396          | 325        | 313        | 292        | 273        | ...          | ...          | ...          | ...          |
| Rāmnād ...                     | 8,831                                       | 8,815        | 8,840        | 8,828        | 675          | 723          | 698          | 723          | 494        | 462        | 462        | 449        | ...          | ...          | ...          | ...          |
| Tinnevely ...                  | 8,414                                       | 8,429        | 8,514        | 8,506        | 574          | 589          | 577          | 587          | 1,012      | 982        | 909        | 907        | ...          | ...          | ...          | ...          |
| <b>West Coast</b>              | <b>6,969</b>                                | <b>7,043</b> | <b>7,180</b> | <b>7,301</b> | <b>2,597</b> | <b>2,538</b> | <b>2,411</b> | <b>2,327</b> | <b>413</b> | <b>393</b> | <b>372</b> | <b>343</b> | <b>21</b>    | <b>26</b>    | <b>37</b>    | <b>29</b>    |
| Nilgiris ...                   | 7,833                                       | 7,917        | 7,802        | 8,387        | 535          | 496          | 521          | 457          | 1,595      | 1,462      | 1,318      | 1,152      | 37           | 125          | 359          | 4            |
| Malabar ...                    | 6,582                                       | 6,660        | 6,807        | 6,922        | 3,241        | 3,162        | 3,015        | 2,907        | 176        | 176        | 173        | 168        | 1            | 2            | 5            | 3            |
| Anjengo ...                    | 3,011                                       | 2,855        | 2,888        | 2,870        | 370          | 397          | 405          | 332          | 6,619      | 6,748      | 6,707      | 6,998      | ...          | ...          | ...          | ...          |
| South Kanara ...               | 7,864                                       | 7,944        | 8,056        | 8,168        | 1,217        | 1,177        | 1,118        | 1,060        | 853        | 803        | 741        | 675        | 68           | 76           | 85           | 97           |



## 3.—Christians—Number and variations.

| District and natural division. | Actual number of Christians in |           |           |          | Variation per cent. |            |            |            |
|--------------------------------|--------------------------------|-----------|-----------|----------|---------------------|------------|------------|------------|
|                                | 1921.                          | 1911.     | 1901.     | 1891.    | 1911-1921.          | 1901-1911. | 1891-1901. | 1891-1921. |
| 1                              | 2                              | 3         | 4         | 5        | 6                   | 7          | 8          | 9          |
| Province ...                   | 1,380,672                      | 1,208,515 | 1,038,854 | 879,437. | + 14.2              | + 16.3     | + 18.1     | + 57.0     |
| Agency ...                     | 17,603                         | 13,265    | 4,807     | 1,102    | + 32.7              | + 175.0    | + 336.2    | + 1,497.4  |
| East Coast North.              | 318,955                        | 233,458   | 178,045   | 129,629  | + 36.6              | + 31.1     | + 37.3     | + 146.1    |
| Ganjām ...                     | 1,969                          | 2,367     | 2,426     | 2,292    | - 16.8              | - 2.4      | + 5.8      | - 14.1     |
| Vizagapatam ...                | 5,656                          | 4,933     | 4,191     | 3,014    | + 13.5              | + 18.9     | + 39.0     | + 87.7     |
| Gōdāvari ...                   | 14,237                         | 8,240     | 4,768     | 2,871    | + 72.8              | + 72.8     | + 66.1     | + 395.9    |
| Kistna ...                     | 91,037                         | 49,863    | 29,186    | 16,107   | + 82.7              | + 70.8     | + 81.2     | + 465.5    |
| Guntūr ...                     | 153,510                        | 123,707   | 101,225   | 70,470   | + 24.1              | + 22.2     | + 43.6     | + 139.7    |
| Nellore ...                    | 52,496                         | 44,293    | 36,249    | 34,875   | + 18.5              | + 22.2     | + 3.9      | + 50.5     |
| Deccan ...                     | 88,568                         | 73,449    | 60,480    | 39,069   | + 20.6              | + 21.4     | + 54.8     | + 126.7    |
| Cuddapah ...                   | 25,739                         | 22,498    | 18,196    | 9,103    | + 14.9              | + 23.1     | + 99.9     | + 182.6    |
| Kurnool ...                    | 53,656                         | 42,068    | 34,052    | 22,735   | + 27.5              | + 23.5     | + 49.7     | + 136.0    |
| Bangānapalle ...               | 694                            | 785       | 297       | 57       | - 11.6              | + 164.3    | + 421.1    | + 1,117.5  |
| Bellary ...                    | 3,532                          | 4,481     | 5,066     | 5,282    | - 21.2              | - 11.5     | - 4.1      | - 33.1     |
| Sandūr ...                     | 24                             | 71        | 37        | 39       | - 66.2              | + 91.9     | - 5.1      | - 38.5     |
| Anantapur ...                  | 4,923                          | 3,686     | 2,832     | 1,853    | + 35.4              | + 28.4     | + 52.9     | + 165.7    |
| East Coast Central.            | 227,939                        | 212,022   | 194,997   | 162,248  | + 7.5               | + 8.8      | + 20.2     | + 40.5     |
| Madras ...                     | 44,136                         | 41,914    | 40,958    | 39,742   | + 5.6               | + 2.1      | + 3.1      | + 11.1     |
| Chingleput ...                 | 32,531                         | 30,377    | 26,466    | 18,982   | + 7.4               | + 14.8     | + 39.4     | + 71.4     |
| Chittoor ...                   | 6,916                          | 4,558     | 3,864     | 2,535    | + 51.7              | + 17.9     | + 52.3     | + 172.8    |
| North Arcot ...                | 36,019                         | 32,822    | 28,569    | 20,403   | + 9.7               | + 14.9     | + 40.0     | + 76.5     |
| Salem ...                      | 16,375                         | 15,465    | 17,719    | 16,597   | - 0.6               | - 12.7     | + 6.8      | - 7.4      |
| Coimbatore ...                 | 23,308                         | 19,550    | 17,758    | 14,504   | + 44.8              | + 10.1     | + 22.4     | + 95.2     |
| South Arcot ...                | 64,654                         | 67,438    | 59,683    | 49,485   | - 4.1               | + 13.1     | + 20.6     | + 30.7     |
| East Coast South.              | 542,508                        | 506,174   | 450,054   | 416,850  | + 7.2               | + 12.5     | + 8.0      | + 30.1     |
| Tanjore ...                    | 89,558                         | 89,514    | 86,979    | 85,371   | - 0.3               | + 3.3      | + 1.9      | + 4.9      |
| Trichinopoly ...               | 91,727                         | 88,891    | 77,576    | 71,273   | + 5.6               | + 12.0     | + 2.3      | + 5.9      |
| Pudukkōttai ...                | 18,470                         | 16,393    | 14,449    | 13,813   | + 12.7              | + 13.5     | + 4.6      | + 33.7     |
| Madura ...                     | 65,301                         | 60,192    | 49,745    | 41,914   | + 8.5               | + 21.0     | + 18.7     | + 55.8     |
| Rāmnād ...                     | 85,102                         | 76,995    | 70,569    | 65,700   | + 10.5              | + 9.1      | + 7.4      | + 29.5     |
| Tinnevely ...                  | 192,350                        | 175,889   | 150,736   | 138,779  | + 9.4               | + 16.7     | + 8.6      | + 38.6     |
| West Coast ...                 | 185,099                        | 170,147   | 150,471   | 130,539  | + 8.8               | + 13.1     | + 15.3     | + 41.8     |
| Nilgiris ...                   | 20,178                         | 17,343    | 14,875    | 11,649   | + 16.3              | + 16.6     | + 48.9     | + 73.2     |
| Malabar ...                    | 54,650                         | 53,015    | 43,262    | 44,557   | + 3.1               | + 9.8      | + 19.0     | + 22.7     |
| Anjengo ...                    | 3,917                          | 3,760     | 3,231     | 3,074    | + 4.2               | + 16.4     | + 22.3     | + 27.5     |
| South Kanara ...               | 106,354                        | 96,029    | 84,103    | 71,259   | + 10.8              | + 14.2     | + 34.8     | + 49.2     |

## 4.—Religion of urban and rural population.

| Natural division.      | Number per 10,000 of urban population who are |           |            |            |       |         | Number per 10,000 of rural population who are |           |            |            |       |         |
|------------------------|-----------------------------------------------|-----------|------------|------------|-------|---------|-----------------------------------------------|-----------|------------|------------|-------|---------|
|                        | Hindu.                                        | Musalman. | Christian. | Animistic. | Jain. | Others. | Hindu.                                        | Musalman. | Christian. | Animistic. | Jain. | Others. |
| 1                      | 2                                             | 3         | 4          | 5          | 6     | 7       | 8                                             | 9         | 10         | 11         | 12    | 13      |
| Total ...              | 8,153                                         | 1,313     | 509        | 14         | 8     | 3       | 8,967                                         | 579       | 296        | 152        | 6     | ...     |
| Agency ...             | 8,501                                         | 451       | 51         | 997        | ...   | ...     | 6,852                                         | 27        | 113        | 3,003      | ...   | ...     |
| East Coast North ...   | 8,846                                         | 791       | 307        | 52         | 3     | 1       | 9,332                                         | 259       | 292        | 117        | ...   | ...     |
| Deccan ...             | 6,886                                         | 2,873     | 217        | 4          | 20    | ...     | 8,834                                         | 907       | 244        | 14         | 1     | ...     |
| East Coast Central ... | 8,357                                         | 1,150     | 469        | 2          | 14    | 8       | 9,605                                         | 232       | 145        | 6          | 12    | ...     |
| East Coast South ...   | 8,313                                         | 1,144     | 540        | ...        | 3     | ...     | 9,104                                         | 370       | 525        | ...        | 1     | ...     |
| West Coast ...         | 5,699                                         | 2,787     | 1,498      | ...        | 9     | 7       | 7,084                                         | 2,580     | 315        | 1          | 20    | ...     |

## CHAPTER V.—AGE.

The statistics regarding the age distribution of the population of each district and state are exhibited in Imperial Table VII; the age distribution of certain castes is shown in Imperial Table XIV; and at the end of this chapter are ten subsidiary tables which bring out, by comparative and proportional figures, the salient features of the statistics. The enumerators were instructed to record on the enumeration schedule the number of years which each person had completed, and in the case of children less than a year old, they were instructed to write the word "infant." The instructions sound simple, but in practice they give rise to a great deal of difficulty. In no country in the world does the census bring in accurate returns of the age of the population. There are always influences at work which induce some persons to understate and others to overstate their age. India is not free from these influences. But the principal cause of the inaccuracy of the age returns is pure and simple ignorance. The great majority of the population does not know when it was born or what its age is. Hence come the characteristics which have been noticed in the age returns of every Indian census, namely, a tendency to return the age as a round number, especially as a multiple of 10 or 5. The ages of a limited number of the population were tabulated by annual periods. The result of this tabulation is given in subsidiary table 1 and is also illustrated by the diagrams below which show most graphically how erratic the returns of age are. (Besides ignorance there are various other factors which tend to vitiate the returns of age. There is a tendency to return unmarried girls as younger than they really are; there is a tendency amongst the middle-aged to understate their age; and there is a tendency in the case of very old people to exaggerate it.) To eliminate the effects of these various influences is no easy task and requires an expert in the manipulation of the figures. The Government of India have, as usual, engaged the services of an actuary to examine and report upon the age statistics and in anticipation of his report it would be idle for a layman to attempt to go over his ground.

Diagram showing the actual ages returned by 100,000 males.

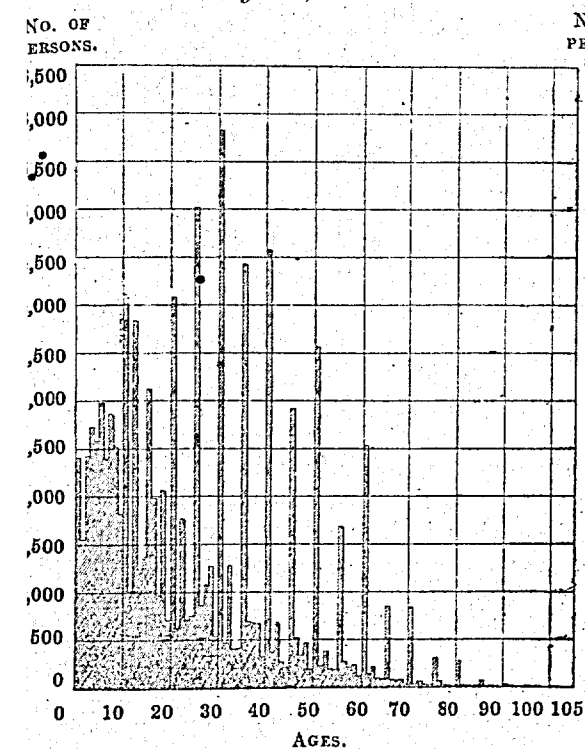
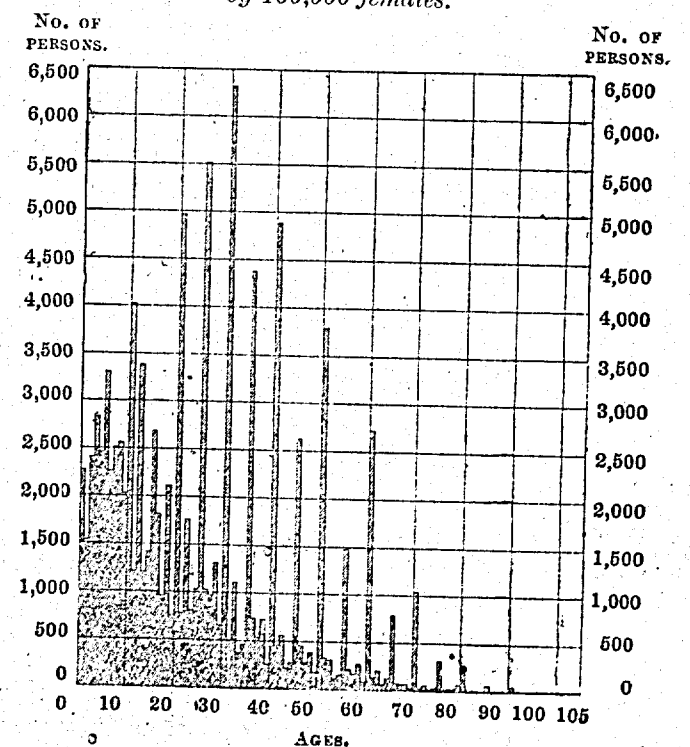


Diagram showing the actual ages returned by 100,000 females.





Comparison  
with previous  
census

## 2. Unsatisfactory and unreliable as the age returns are, it is claimed that they

|                        | Number per 10,000 of each sex at age-period 0-5. |       |          |       |
|------------------------|--------------------------------------------------|-------|----------|-------|
|                        | Males.                                           |       | Females. |       |
|                        | 1921.                                            | 1911. | 1921.    | 1911. |
| Agency ...             | 1,090                                            | 1,321 | 1,077    | 1,402 |
| East Coast North ...   | 1,167                                            | 1,300 | 1,178    | 1,295 |
| Deccan ...             | 1,055                                            | 1,140 | 1,163    | 1,209 |
| East Coast Central ... | 1,253                                            | 1,357 | 1,329    | 1,417 |
| East Coast South ...   | 1,255                                            | 1,393 | 1,221    | 1,345 |
| West Coast ...         | 1,365                                            | 1,388 | 1,306    | 1,337 |

are as good as those of previous censuses and that consequently a comparison of these age statistics with those obtained at previous censuses may be useful in indicating any important tendency in the distribution of the population. Subsidiary table 2 shows the age distribution of 10,000 persons of each sex in the Presidency and in each natural division. It will be observed that throughout the Presidency the proportion of children aged 0-5 has decreased. The decrease is most marked in the Agency division, but the actual proportion of male children is lowest in the Deccan. There is no doubt that in this we find one of the effects of the influenza epidemic which, as has been shown in Chapter I, carried off a large number of persons at the reproductive ages, and so reduced the birth-rate and diminished the number of children in the last years of the decade. Except in the Agency and the West Coast divisions it appears from subsidiary table 3 that there has since 1891 been a steady decline of population at age-period 0-5. It was pointed out in the 1901 Report that the proportion of children in 1891 was abnormally high, owing to recovery in the previous decade from the famine of 1877-78. In 1901 the proportion went back to its natural level from which it fell very slightly in 1911. The marked fall in 1921 is, as has already been mentioned, one of the effects of influenza.

Loss of  
children  
among  
Animists

## 3. Subsidiary table 3 gives the age distribution by religion; and from this

|               | Number per 10,000 of each sex at age-period 0-5. |       |          |       |
|---------------|--------------------------------------------------|-------|----------|-------|
|               | Males.                                           |       | Females. |       |
|               | 1921.                                            | 1911. | 1921.    | 1911. |
| Hindu ...     | 1,208                                            | 1,319 | 1,228    | 1,330 |
| Musalman ...  | 1,356                                            | 1,461 | 1,328    | 1,428 |
| Christian ... | 1,320                                            | 1,442 | 1,363    | 1,417 |
| Animist ...   | 1,117                                            | 1,403 | 1,243    | 1,483 |

we see that the loss in the age-period 0-5, though common to all religions, has been much more serious in the case of Animists than among those who follow other religions; this coupled with the fact noticed in the previous paragraph that the loss at age-period 0-5 was most severe in the Agency is a further indication that the Agency suffered most severely in the influenza epidemic. An examination of the taluk age statistics shows that in the six taluks of Bissameuttak, Padwa, Udayagiri, Balligudā, Yellavaram, Rāyagāda and Gunupūr, the proportion of children at age 0-5 is very much below the normal.

4. The same feature appears in subsidiary tables 5 and 5-A which give the proportion of children under 10 to those of the reproductive ages 15 to 40. The proportion of children has fallen from 70 to 60 per cent in the Agency and from 72 to 63 per cent among Animists generally. The greatest fall in other divisions is 4 per cent in the East Coast North division, and in other religions the greatest fall is from 68 to 65 per cent among Hindus.

Age distri-  
bution in  
Agency and  
Deccan  
divisions

5. If this change in age distribution is really due to the influenza epidemic, it may be objected that it ought to be even more marked in the Deccan division than in the Agency, since the vital statistics show that influenza hit the Deccan worse than the Agency. To this the answer is that we have no vital statistics for the greater part of the Agency and can only judge of the degree of severity of the epidemic there by the results; if the results indicate that the Agency suffered as severely as the Deccan we are bound to accept that conclusion. Again it is only because the proportion of children in the Deccan was very low in 1911, that the fall in the proportion during the past decade is less noticeable than in the

Agency. The marginal table shows, clearly that in 1911 the proportion of

|                        | Proportion per cent to persons aged 15-40 of children below 10. |       |
|------------------------|-----------------------------------------------------------------|-------|
|                        | 1921.                                                           | 1911. |
|                        |                                                                 |       |
| Presidency ...         | 65                                                              | 68    |
| Agency ...             | 60                                                              | 70    |
| East Coast North ...   | 67                                                              | 71    |
| Deccan ...             | 61                                                              | 63    |
| East Coast Central ... | 68                                                              | 69    |
| East Coast South ...   | 64                                                              | 69    |
| West Coast ...         | 64                                                              | 63    |

children in the Deccan was lower than it is now in any division except the Agency and the Deccan; while in 1921 the Agency is only 1 per cent lower than the Deccan. Another serious feature in these divisions is the fall in the proportion of married women aged 15-40 to the total number of women of all ages. In the Agency the proportion has fallen from 35 to 33 and in the Deccan it has gone down from 31 to 30.

6. From the following statement it is possible to follow through succeeding censuses the fortunes of persons placed in various age groups in 1891. The figures relate only to persons enumerated in British territory.

| Year.    | 0-5.      |           | 10-15.    |           | 20-25.    |           | 30-35.    |           |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|          | Males.    | Females.  | Males.    | Females.  | Males.    | Females.  | Males.    | Females.  |
| 1921 ... | 2,547,664 | 2,659,423 | 2,605,202 | 2,438,224 | 1,635,959 | 2,012,173 | 1,704,787 | 1,860,321 |
| 1911 ... | 2,716,605 | 2,820,372 | 2,488,739 | 2,295,029 | 1,666,171 | 1,993,322 | 1,519,466 | 1,715,888 |
| 1901 ... | 2,521,995 | 2,651,248 | 2,449,697 | 2,209,587 | 1,310,763 | 1,673,204 | 1,538,452 | 1,723,985 |
| 1891 ... | 2,591,549 | 2,726,418 | 1,895,566 | 1,651,286 | 1,434,541 | 1,741,146 | 1,448,253 | 1,582,980 |

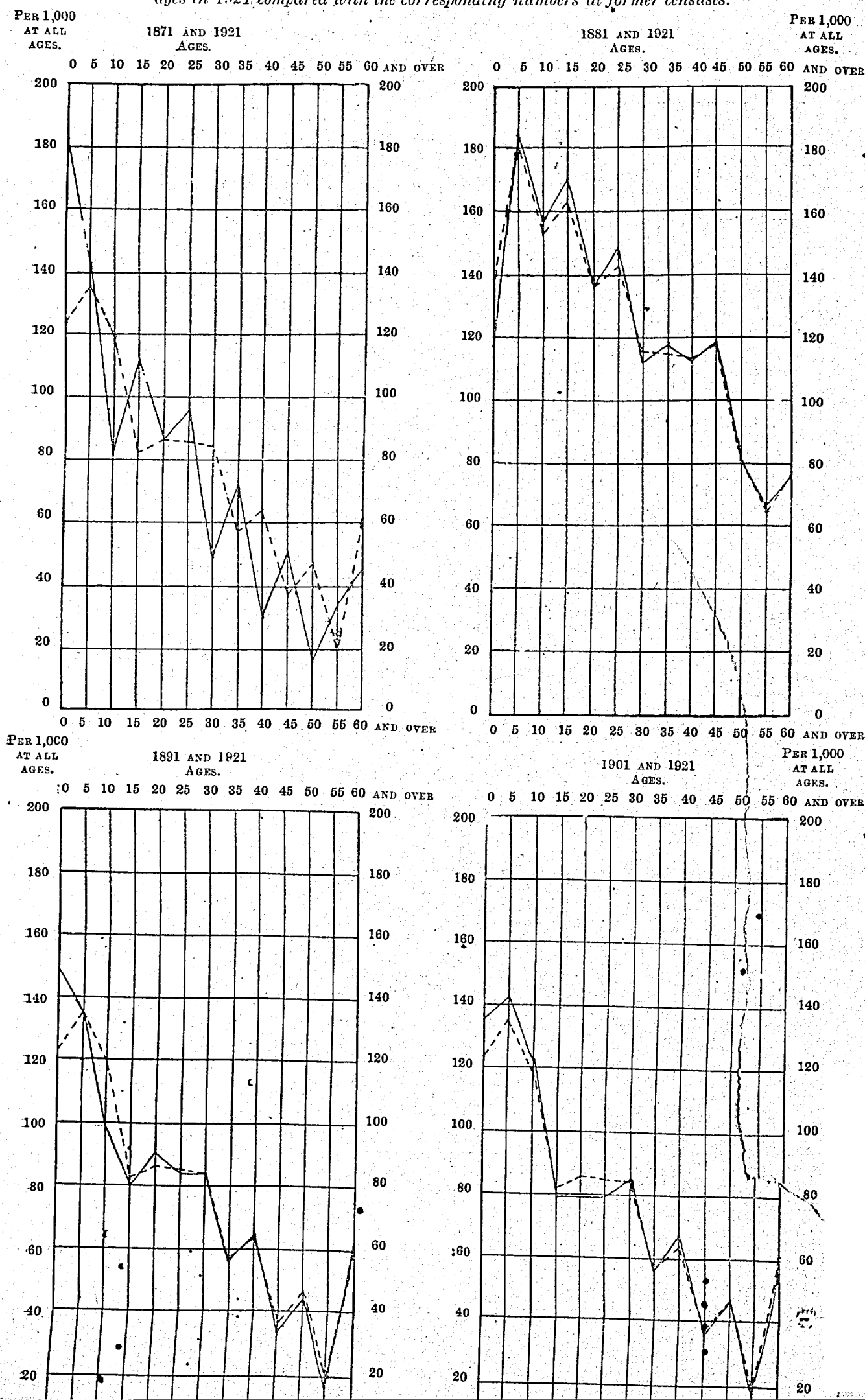
Persons aged 0-5 in 1891 had by 1901, when they appeared in group 10-15, lost about 141,000 males and 517,000 females; this greater loss of females at this age-period occurs at each successive census—though not in such a marked degree: between 1901 and 1911 the loss was 33,256 males and 356,219 females, and between 1911 and 1921 it was 111,403 males and 382,148 females. The reason for the greater mortality of females at these ages is no doubt premature marriage and maternity. Now following up age group 10-15 of 1901 we find that between 1901 and 1911 when they were aged 20-25 they had lost 783,526 males and 216,265 females; similar variations occur in the population at these age-periods between 1911 and 1921; this greater loss of males in early manhood is due to emigration; the gain of females at these age-periods between 1891 and 1901 must have been due to misstatements of age. Following the first group on to 1921 when they were 30-35 we find that they have gained 38,616 males since 1911 and lost 132,701 females; and these figures again are typical of what is observed at each census. The return of males from the countries to which they had emigrated and the natural loss of women accounts for these variations.

7. The statement in the margin and the five diagrams on the next page compare the present age distribution with that in 1871 and at each subsequent census. Between the returns of 1871 and 1921 there is a most remarkable contrast—not only was the number of children in 1871 greatly in excess of the number now, or indeed of the number returned at any subsequent census; but even more remarkable are the fluctuations at subsequent age-periods; for at each age-period from 10-15 upwards if there is a rise in the 1871 curve there is a fall in that of 1921 and *vice versa*. In the loss of children in 1881 we see a consequence of the great famine of 1877-78; and it is remarkable how

| Age-period.  | Number per mille of total population<br>enumerated at each age-period. |       |       |       |       |       |
|--------------|------------------------------------------------------------------------|-------|-------|-------|-------|-------|
|              | 1921.                                                                  | 1911. | 1901. | 1891. | 1881. | 1871. |
| 0-5          | 123                                                                    | 134   | 135   | 149   | 124   | 182   |
| 5-10         | 135                                                                    | 132   | 142   | 136   | 132   | 143   |
| 10-15        | 119                                                                    | 115   | 122   | 99    | 119   | 83    |
| 15-20        | 82                                                                     | 86    | 79    | 80    | 82    | 112   |
| 20-25        | 86                                                                     | 88    | 79    | 89    | 87    | 86    |
| 25-30        | 85                                                                     | 82    | 79    | 84    | 82    | 96    |
| 30-35        | 84                                                                     | 78    | 85    | 85    | 88    | 49    |
| 35-40        | 57                                                                     | 58    | 56    | 55    | 52    | 72    |
| 40-45        | 64                                                                     | 64    | 67    | 66    | 63    | 30    |
| 45-50        | 36                                                                     | 38    | 35    | 33    | 30    | 51    |
| 50-55        | 47                                                                     | 46    | 47    | 44    | 43    | 16    |
| 55-60        | 20                                                                     | 20    | 18    | 17    | 16    | 35    |
| 60-65        | 32                                                                     | 31    | 56    | 63    | 62    | 45    |
| 65-70        | 10                                                                     | 9     |       |       |       |       |
| 70 and over. | 20                                                                     | 19    |       |       |       |       |

closely the curve of 1921 corresponds with that of 1881 especially in the earlier

Population of Madras Presidency, Persons of both sexes. Proportional numbers enumerated at various ages in 1921, compared with the corresponding numbers at former censuses.



age-periods below 20. It cannot merely be a coincidence that the curves of 1881 and 1921 show an almost identical age distribution in the earlier periods, and that in each year the population was just beginning to recover from a severe shock. In 1891 we see the proportion of children rise again—while at other age-periods the distribution is not far different from that of 1921. Between 1901 and 1921 there is again a general resemblance, shortage in 1921 at age-periods 0-10 being balanced by an excess at ages 15-30. Between 1911 and 1921 there is more difference: the proportion of children at ages 0-5 has fallen and there is a slight excess at ages 5-15; there is a loss again at ages 15-25 balanced by an excess at ages 25-40. In the later age-periods the correspondence is almost exact.

8. In the industrial countries of Europe there is a marked difference in the age and sex constitution of the population of urban and rural districts. The following table and the diagrams on the next page were drawn up to illustrate such differences as are to be found in the constitution of the population of the towns and villages of this Presidency. 5,000 persons in the Presidency population of both sexes are distributed by 10-year age-periods; we thus get a standard age distribution for the Presidency; and with this is compared the distribution by sex and age of 10,000 persons living (1) in the whole Presidency; (2) in Madras City; (3) in other cities; (4) in towns; and (5) in villages. The first point to notice is the difference in the age distribution of males and females in the Presidency population; the excess of females at ages 0-10 and 20-30 and the excess of males at 10-20. Then we see the great divergence of the Madras City population from the standard; the excess of males at all ages from 20 to 50; the great deficiency in children of both sexes; and the excess of females at ages 20-30. All this shows clearly that there is a great amount of immigration to the city of Madras by persons of both sexes at ages 20-30; and the same attraction is exercised by other towns and cities but to a smaller degree. The lower proportion of children in the cities and towns is partly due to the immigration of adults and partly to the greater incidence of infantile mortality in the urban population. The overwhelming proportion which the rural population of the Presidency bears to the total population is clearly marked by the almost exact resemblance between the age distribution of the population of the whole Presidency and that of the rural population.

Contrast in age distribution of population of towns and villages

| Age-period.  | 5,000 persons of both sexes distributed by age. | 10,000 persons of different localities distributed according to sex and age. |          |              |          |               |          |        |          |           |          |
|--------------|-------------------------------------------------|------------------------------------------------------------------------------|----------|--------------|----------|---------------|----------|--------|----------|-----------|----------|
|              |                                                 | Madras Presidency.                                                           |          | Madras City. |          | Other cities. |          | Towns. |          | Villages. |          |
|              |                                                 | Males.                                                                       | Females. | Males.       | Females. | Males.        | Females. | Males. | Females. | Males.    | Females. |
| 0-10         | 1,290                                           | 1,270                                                                        | 1,312    | 1,039        | 1,050    | 1,116         | 1,118    | 1,198  | 1,219    | 1,283     | 1,328    |
| 10-20        | 1,010                                           | 1,039                                                                        | 977      | 994          | 934      | 1,090         | 978      | 1,085  | 1,007    | 1,034     | 975      |
| 20-30        | 855                                             | 788                                                                          | 925      | 1,060        | 1,035    | 931           | 950      | 838    | 932      | 777       | 922      |
| 30-40        | 705                                             | 706                                                                          | 707      | 903          | 724      | 751           | 726      | 712    | 706      | 701       | 706      |
| 40-50        | 500                                             | 499                                                                          | 501      | 618          | 498      | 535           | 530      | 508    | 515      | 496       | 490      |
| 50-60        | 335                                             | 336                                                                          | 336      | 357          | 302      | 336           | 356      | 330    | 352      | 337       | 335      |
| 60 and over. | 305                                             | 293                                                                          | 311      | 249          | 217      | 266           | 317      | 278    | 322      | 295       | 312      |

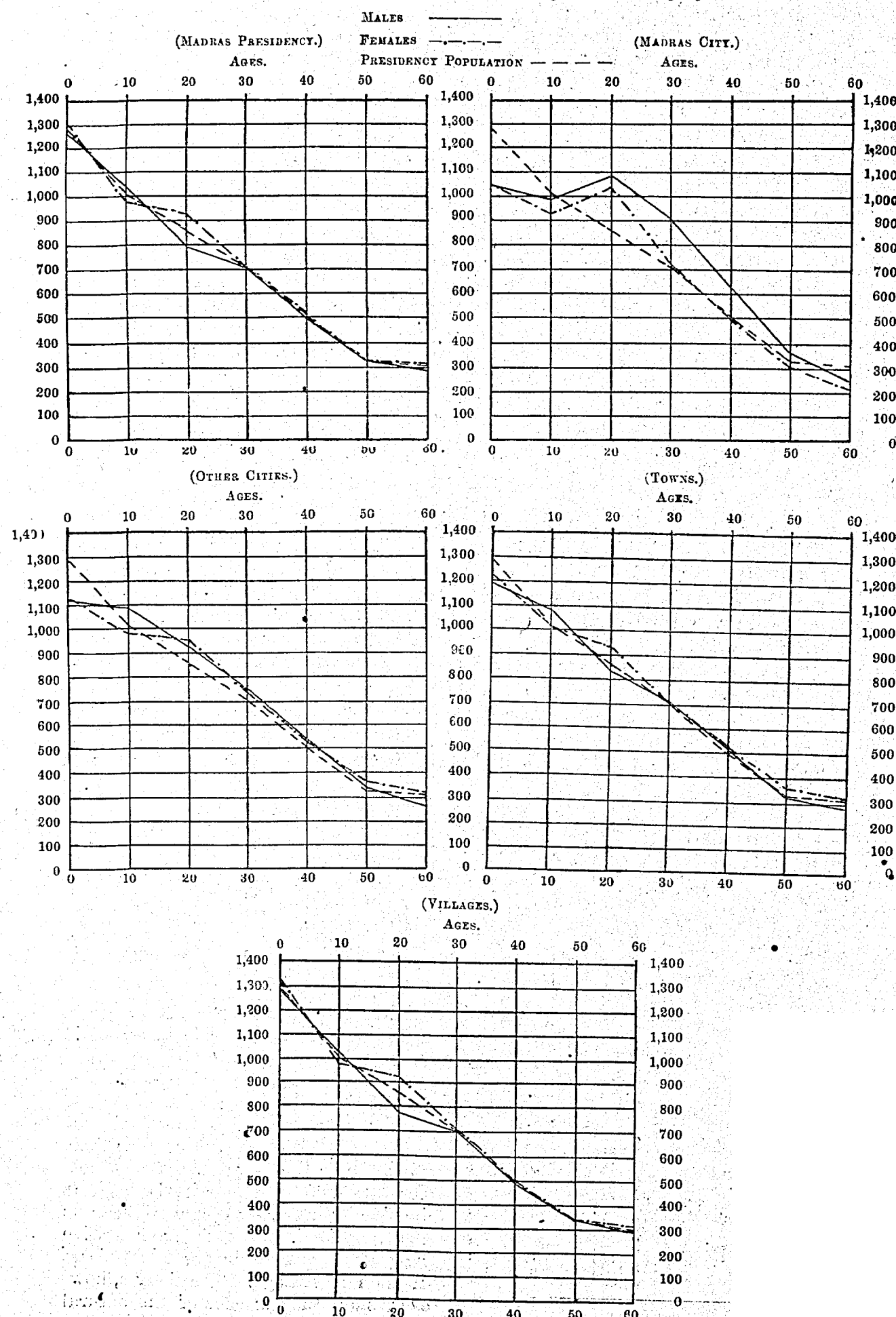
9. In the India Census Report of 1911 it was shown that the population of

India conforms to the rule observed in Europe that about half the population are between the ages of 15-50. The distribution of the population of Madras by this method remains practically the same as in 1911, as will be seen from the table in the margin. The proportional lack of old people in the Agency division is natural; primitive man is not long-lived. But the comparative lack of old people in the West Coast division is strange. The figures, however, show that in each of the natural

Proportion of population at various age-periods

|                    |     | Number of persons per mille aged |        |              |
|--------------------|-----|----------------------------------|--------|--------------|
|                    |     | 0-15.                            | 15-50. | 50 and over. |
| Presidency 1921    | ... | 377.                             | 494    | 129          |
| Do 1911            | ... | 382                              | 493    | 125          |
| Agency 1921        | ... | 393                              | 525    | 82           |
| East Coast North   | "   | 382                              | 484    | 134          |
| Deccan             | "   | 370                              | 495    | 135          |
| East Coast Central | "   | 381                              | 491    | 128          |
| East Coast South   | "   | 366                              | 501    | 133          |
| West Coast         | "   | 385                              | 508    | 107          |

10,000 persons of different localities distributed by sex and age, compared with 5,000 persons of both sexes in the population of the Presidency distributed by age.



divisions the population is of the type classified by statisticians as progressive, with a much larger proportion of children than of old people.

10. As was noticed in 1911, the proportion of persons aged 15-50 tends to vary not only locally, but by religion: it is 530 among Animists, 495 among Hindus and 487 among Musalmans and Christians.

11. In the Madras Census Report for 1911 Mr. Molony published some interesting figures showing the proportion of males and females at certain age-periods which differ slightly from those adopted in the subsidiary tables. For males he chose the periods 0-5 (childhood), 5-15 (school), 15-20 (student or apprentice), 20-45 (householder), 45 and upwards (old age); and for females 0-5 (childhood), 5-10 (school) 10-15 (adolescent), 15-35 (married life), 35 and over (old age). These age-periods he chose as more suitable to conditions in South India than those in the subsidiary tables. The marginal figures show the distribution of 10,000 of each sex at each of these periods at the last four censuses.

| Men.     |       |       |        |        |              |
|----------|-------|-------|--------|--------|--------------|
| Year.    | 0-5.  | 5-15. | 15-20. | 20-45. | 45 and over. |
| 1921 ... | 1,220 | 2,804 | 856    | 3,658  | 1,664        |
| 1911 ... | 1,333 | 2,554 | 876    | 3,597  | 1,650        |
| 1901 ... | 1,339 | 2,734 | 825    | 3,551  | 1,551        |
| 1891 ... | 1,482 | 2,475 | 828    | 3,731  | 1,484        |

| Women.   |       |       |        |        |              |
|----------|-------|-------|--------|--------|--------------|
| Year.    | 0-5.  | 5-10. | 10-15. | 15-35. | 35 and over. |
| 1921 ... | 1,239 | 1,350 | 1,138  | 3,483  | 2,792        |
| 1911 ... | 1,341 | 1,312 | 1,091  | 3,444  | 2,812        |
| 1901 ... | 1,368 | 1,406 | 1,140  | 3,335  | 2,751        |
| 1891 ... | 1,524 | 1,346 | 923    | 3,506  | 2,701        |

12. The figures repeat the tale, told elsewhere, of the decline of the proportion of children of each sex; males have fallen by 113 and females by 102, as against a fall of only 6 and 27 in the decade 1901-1911. The variations in the proportion at each age-period from decade to decade are given in the margin. These figures show clearly how disastrous the past decade has been for the children of each sex. "Decade 1891-1901 showed then a bad position among householders and infants but great possibilities in its adolescent strength for a speedy repair of this state of things. The ensuing decade did in a large measure actualize these possibilities. It is possible that the characteristics of the first decade will reappear in the decade 1911-1921 inasmuch as the decade 1901-1911 shows a weakening in adolescents, which may more than counteract the improvement in the infant index that the improved adult position is likely to effect." This forecast made in the census report of 1911 has in part come true; the position so far as concerns infants is bad; but householders have managed to hold their own; while the partial recovery of adolescent strength points hopefully to the future.

| Males.                      |          |              |        |               |              |
|-----------------------------|----------|--------------|--------|---------------|--------------|
| Period.                     | Infants. | Adolescents. |        | Householders. | Old people.  |
|                             | 0-5.     | 5-15.        | 15-20. | 20-45.        | 45 and over. |
| 1891-1901 ...               | -143     | +259         | -3     | -180          | +67          |
| 1901-1911 ...               | -6       | -180         | +51    | +36           | +99          |
| 1911-1921 ...               | -113     | +50          | -20    | +69           | +14          |
| 1921 compared with 1891 ... | -262     | +129         | +28    | -75           | +180         |

| Females.                    |      |       |        |        |              |
|-----------------------------|------|-------|--------|--------|--------------|
| Period.                     | 0-5. | 5-10. | 10-15. | 15-35. | 35 and over. |
|                             | 0-5. | 5-10. | 10-15. | 15-35. | 35 and over. |
| 1891-1901 ...               | -156 | +60   | +217   | -171   | +50          |
| 1901-1911 ...               | -27  | -94   | -49    | +109   | +61          |
| 1911-1921 ...               | -102 | +38   | +45    | +39    | -20          |
| 1921 compared with 1891 ... | -285 | +4    | +213   | -23    | +91          |

effect." This forecast made in the census report of 1911 has in part come true; the position so far as concerns infants is bad; but householders have managed to hold their own; while the partial recovery of adolescent strength points hopefully to the future.

13. Subsidiary table 6 shows the variation in the population at each age-period at the last three censuses. It shows that taking the province as a whole the main increase is at ages 10-15; this is certainly a more healthy position than was disclosed by the census of 1911 when the principal increase was at ages 60 and over.

Variation in population at different age-periods

The figures for the natural divisions in this table disclose some remarkable variations. In the divisions which suffered worst from influenza we find a marked decrease at ages 0-10, and 40 and over. On the West Coast we find the main increase at age-period 60 and over, having seen in paragraph 9 above that the proportion of old persons is lower in this division than elsewhere.

|                        | Variation per cent in population for period 1911-1921 at age-period. |        |        |        |        |              |
|------------------------|----------------------------------------------------------------------|--------|--------|--------|--------|--------------|
|                        | All ages.                                                            | 0-10.  | 10-15. | 15-40. | 40-60. | 60 and over. |
| Presidency ...         | + 2.2                                                                | - 0.8  | + 5.5  | + 3.5  | + 0.8  | + 4.6        |
| Agency ...             | - 5.1                                                                | - 17.2 | + 19.3 | - 3.4  | - 4.1  | - 1.6        |
| East Coast North ...   | + 3.4                                                                | - 1.6  | + 7.0  | + 4.7  | + 4.3  | + 7.4        |
| Deccan ...             | - 3.8                                                                | - 3.3  | - 1.5  | - 1.0  | - 12.6 | - 2.8        |
| East Coast Central ... | + 5.5                                                                | + 5.2  | + 5.3  | + 7.0  | + 2.0  | + 8.2        |
| East Coast South ...   | + 0.2                                                                | - 4.4  | + 5.3  | + 27.6 | - 0.5  | - 0.4        |
| West Coast ...         | + 3.3                                                                | + 2.9  | + 4.0  | + 1.3  | + 7.2  | + 9.9        |

Age distribution of certain castes

14. Subsidiary tables 4 and 4-A show the age distribution of certain castes. They display several curious inconsistencies. As a rule the proportion of children is greater in what are generally considered the castes lowest in the social scale. Yet we find the second largest proportion of children aged 0-5 among Kanarese Brāhmans. It is only in the case of a few West Coast castes—Kanarese and Pattar Brāhmans, Tiyaṇs and Holeyās—that the proportion of children is greater than in 1911. But it is difficult to understand why the proportion of male children should be so low among Nambūdri and Embrāndri Brāhmans as compared with females. Again the highest proportion of persons over 40 is as

|               | Males. |      | Females. |      |
|---------------|--------|------|----------|------|
|               | 0-5    | 5-12 | 0-5      | 5-12 |
| Nambūdri ...  | 92     | 128  | 111      | 147  |
| Embrāndri ... | 59     | 86   | 120      | 146  |

might be expected in the Brāhman castes; and yet we find that Tamil and Telugu Brāhmans have a comparatively small proportion. It must of course be remembered that these tables are based on Imperial Table XIV which shows the figures of the castes only for certain selected areas and not for the whole caste population of the Presidency.

15. The remaining subsidiary tables exhibit the birth and death rates and the number of deaths from certain diseases. These statistics have already been the subject of discussion in Chapter I which there is no occasion to repeat here.

1-A.—Age distribution of about 200,000 Hindus of each sex by annual periods.

| Age.      | Males.  | Females. | Age.   | Males. | Females. | Age.    | Males. | Females. |
|-----------|---------|----------|--------|--------|----------|---------|--------|----------|
| 1         | 2       | 3        | 1      | 2      | 3        | 1       | 2      | 3        |
| TOTAL ... | 200,210 | 201,807  |        |        |          |         |        |          |
| 0 ...     | 4,689   | 4,445    | 36 ... | 1,437  | 1,362    | 72 ...  | 88     | 81       |
| 1 ...     | 2,956   | 2,872    | 37 ... | 870    | 687      | 73 ...  | 43     | 26       |
| 2 ...     | 4,711   | 4,614    | 38 ... | 1,362  | 1,340    | 74 ...  | 42     | 44       |
| 3 ...     | 5,714   | 5,580    | 39 ... | 467    | 390      | 75 ...  | 497    | 470      |
| 4 ...     | 5,368   | 5,133    | 40 ... | 10,391 | 11,183   | 76 ...  | 131    | 52       |
| 5 ...     | 6,151   | 6,116    | 41 ... | 460    | 884      | 77 ...  | 23     | 45       |
| 6 ...     | 5,678   | 5,316    | 42 ... | 1,105  | 932      | 78 ...  | 35     | 54       |
| 7 ...     | 5,091   | 4,599    | 43 ... | 436    | 370      | 79 ...  | 12     | 86       |
| 8 ...     | 6,256   | 6,118    | 44 ... | 514    | 461      | 80 ...  | 800    | 807      |
| 9 ...     | 3,659   | 3,732    | 45 ... | 5,352  | 4,522    | 81 ...  | 14     | 10       |
| 10 ...    | 9,263   | 8,761    | 46 ... | 957    | 947      | 82 ...  | 12     | 31       |
| 11 ...    | 1,878   | 2,367    | 47 ... | 570    | 360      | 83 ...  | 7      | 7        |
| 12 ...    | 8,170   | 6,715    | 48 ... | 919    | 743      | 84 ...  | 16     | 11       |
| 13 ...    | 2,419   | 2,426    | 49 ... | 395    | 279      | 85 ...  | 116    | 98       |
| 14 ...    | 3,202   | 2,985    | 50 ... | 7,912  | 8,483    | 86 ...  | 22     | 11       |
| 15 ...    | 5,355   | 4,612    | 51 ... | 277    | 620      | 87 ...  | 8      | 6        |
| 16 ...    | 4,263   | 4,015    | 52 ... | 719    | 524      | 88 ...  | 8      | 12       |
| 17 ...    | 1,646   | 1,395    | 53 ... | 261    | 189      | 89 ...  | 5      | 4        |
| 18 ...    | 4,292   | 4,585    | 54 ... | 404    | 324      | 90 ...  | 94     | 132      |
| 19 ...    | 1,336   | 1,270    | 55 ... | 2,755  | 2,318    | 91 ...  | 6      | 2        |
| 20 ...    | 8,579   | 11,239   | 56 ... | 569    | 501      | 92 ...  | 3      | 4        |
| 21 ...    | 1,077   | 1,196    | 57 ... | 277    | 216      | 93 ...  | 2      | 3        |
| 22 ...    | 3,053   | 3,151    | 58 ... | 447    | 425      | 94 ...  | 3      | 4        |
| 23 ...    | 1,156   | 1,298    | 59 ... | 183    | 138      | 95 ...  | 9      | 11       |
| 24 ...    | 1,786   | 2,177    | 60 ... | 5,856  | 6,158    | 96 ...  | 6      | 4        |
| 25 ...    | 9,291   | 10,820   | 61 ... | 182    | 336      | 97 ...  | 2      | 2        |
| 26 ...    | 1,946   | 2,010    | 62 ... | 322    | 317      | 98 ...  | 1      | ...      |
| 27 ...    | 1,595   | 1,366    | 63 ... | 134    | 103      | 99 ...  | 4      | 1        |
| 28 ...    | 2,709   | 2,541    | 64 ... | 218    | 218      | 100 ... | 9      | 7        |
| 29 ...    | 927     | 1,016    | 65 ... | 1,366  | 1,240    | 101 ... | 1      | ...      |
| 30 ...    | 12,294  | 14,265   | 66 ... | 147    | 183      | 102 ... | 1      | ...      |
| 31 ...    | 652     | 741      | 67 ... | 103    | 91       | 103 ... | ...    | ...      |
| 32 ...    | 2,058   | 1,785    | 68 ... | 167    | 149      | 104 ... | ...    | 1        |
| 33 ...    | 672     | 574      | 69 ... | 44     | 43       | 105 ... | ...    | 1        |
| 34 ...    | 892     | 883      | 70 ... | 2,920  | 2,298    |         |        |          |
| 35 ...    | 7,728   | 7,586    | 71 ... | 60     | 70       |         |        |          |



1-B.—Age distribution of about 50,000 Musalmans of each sex by annual periods.

| Age.      | Males. | Females. | Age.   | Males. | Females. | Age.    | Males. | Females. |
|-----------|--------|----------|--------|--------|----------|---------|--------|----------|
| 1         | 2      | 3        | 1      | 2      | 3        | 1       | 2      | 3        |
| TOTAL ... | 50,032 | 50,034   |        |        |          |         |        |          |
| 0 ...     | 1,222  | 1,152    | 34 ... | 290    | 310      | 68 ...  | 61     | 58       |
| 1 ...     | 780    | 814      | 35 ... | 1,764  | 1,550    | 69 ...  | 97     | 24       |
| 2 ...     | 1,380  | 1,234    | 36 ... | 432    | 335      | 70 ...  | 378    | 472      |
| 3 ...     | 1,538  | 1,487    | 37 ... | 198    | 168      | 71 ...  | 29     | 9        |
| 4 ...     | 1,513  | 1,345    | 38 ... | 383    | 326      | 72 ...  | 32     | 13       |
| 5 ...     | 1,568  | 1,477    | 39 ... | 196    | 137      | 73 ...  | 12     | 8        |
| 6 ...     | 1,698  | 1,511    | 40 ... | 2,333  | 2,470    | 74 ...  | 22     | 31       |
| 7 ...     | 1,335  | 1,205    | 41 ... | 171    | 141      | 75 ...  | 109    | 153      |
| 8 ...     | 1,739  | 1,757    | 42 ... | 278    | 212      | 76 ...  | 21     | 8        |
| 9 ...     | 1,129  | 949      | 43 ... | 118    | 150      | 77 ...  | 14     | 4        |
| 10 ...    | 2,179  | 2,165    | 44 ... | 182    | 143      | 78 ...  | 21     | 26       |
| 11 ...    | 656    | 531      | 45 ... | 1,080  | 928      | 79 ...  | 3      | 13       |
| 12 ...    | 2,266  | 1,808    | 46 ... | 211    | 159      | 80 ...  | 164    | 228      |
| 13 ...    | 676    | 507      | 47 ... | 104    | 86       | 81 ...  | 12     | 6        |
| 14 ...    | 1,030  | 850      | 48 ... | 253    | 183      | 82 ...  | 5      | 22       |
| 15 ...    | 955    | 967      | 49 ... | 139    | 83       | 83 ...  | 1      | 4        |
| 16 ...    | 1,223  | 1,172    | 50 ... | 1,698  | 1,928    | 84 ...  | 8      | 14       |
| 17 ...    | 337    | 320      | 51 ... | 94     | 101      | 85 ...  | 20     | 39       |
| 18 ...    | 1,222  | 1,404    | 52 ... | 154    | 165      | 86 ...  | 3      | 14       |
| 19 ...    | 314    | 353      | 53 ... | 76     | 93       | 87 ...  | 1      | ...      |
| 20 ...    | 2,016  | 2,860    | 54 ... | 170    | 90       | 88 ...  | 2      | 9        |
| 21 ...    | 285    | 267      | 55 ... | 510    | 425      | 89 ...  | 2      | 4        |
| 22 ...    | 722    | 929      | 56 ... | 149    | 94       | 90 ...  | 15     | 27       |
| 23 ...    | 335    | 334      | 57 ... | 57     | 51       | 91 ...  | 1      | 1        |
| 24 ...    | 507    | 707      | 58 ... | 121    | 81       | 92 ...  | ...    | 1        |
| 25 ...    | 1,972  | 2,466    | 59 ... | 41     | 54       | 93 ...  | 7      | ...      |
| 26 ...    | 548    | 587      | 60 ... | 1,212  | 1,315    | 94 ...  | ...    | ...      |
| 27 ...    | 289    | 401      | 61 ... | 77     | 59       | 95 ...  | 4      | 1        |
| 28 ...    | 654    | 739      | 62 ... | 73     | 62       | 96 ...  | ...    | ...      |
| 29 ...    | 169    | 253      | 63 ... | 97     | 41       | 97 ...  | 1      | 1        |
| 30 ...    | 2,781  | 3,173    | 64 ... | 72     | 51       | 98 ...  | ...    | 1        |
| 31 ...    | 212    | 155      | 65 ... | 290    | 237      | 99 ...  | ...    | ...      |
| 32 ...    | 540    | 515      | 66 ... | 35     | 19       | 100 ... | ...    | 2        |
| 33 ...    | 220    | 235      | 67 ... | 27     | 17       | 110 ... | 2      | ...      |

2.—Age distribution of 10,000 of each sex in the province and each natural division.

|                   | 1921.  |          | 1911.  |          | 1901.  |          | 1891.  |          |
|-------------------|--------|----------|--------|----------|--------|----------|--------|----------|
|                   | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. |
| Province—         |        |          |        |          |        |          |        |          |
| 0-1 ...           | 260    | 259      | 285    | 284      | 294    | 297      | 330    | 338      |
| 1-2 ..            | 152    | 153      | 173    | 177      | 158    | 161      | 171    | 178      |
| 2-3 ...           | 246    | 254      | 283    | 285      | 280    | 288      | 315    | 327      |
| 3-4 ...           | 287    | 298      | 309    | 315      | 310    | 322      | 352    | 365      |
| 4-5 ...           | 275    | 275      | 283    | 280      | 297    | 300      | 314    | 316      |
| 0-5 ...           | 1,220  | 1,239    | 1,333  | 1,341    | 1,339  | 1,368    | 1,482  | 1,524    |
| 5-10 ...          | 1,356  | 1,350    | 1,334  | 1,312    | 1,434  | 1,406    | 1,391  | 1,346    |
| 10-15 ...         | 1,248  | 1,136    | 1,220  | 1,091    | 1,300  | 1,140    | 1,084  | 923      |
| 15-20 ...         | 856    | 791      | 876    | 845      | 825    | 757      | 828    | 783      |
| 20-25 ...         | 783    | 937      | 817    | 947      | 711    | 863      | 820    | 973      |
| 25-30 ...         | 816    | 887      | 792    | 836      | 755    | 824      | 821    | 865      |
| 30-35 ...         | 817    | 868      | 745    | 816      | 616    | 891      | 828    | 885      |
| 35-40 ...         | 616    | 527      | 590    | 533      | 599    | 520      | 592    | 505      |
| 40-45 ...         | 624    | 646      | 643    | 656      | 670    | 675      | 670    | 661      |
| 45-50 ...         | 388    | 342      | 410    | 355      | 376    | 320      | 365    | 305      |
| 50-55 ...         | 465    | 482      | 454    | 468      | 465    | 480      | 427    | 460      |
| 55-60 ...         | 217    | 182      | 218    | 189      | 190    | 162      | 177    | 157      |
| 60-65 ...         | 303    | 325      | 295    | 320      | ...    | ...      | ...    | ...      |
| 65-70 ...         | 96     | 86       | 94     | 90       | 520    | 594      | 515    | 613      |
| 70 and over ...   | 190    | 202      | 179    | 201      | ...    | ...      | ...    | ...      |
| Mean age ...      | 25.5   | 25.5     | 25.1   | 25.3     | 24.5   | 24.8     | 24.6   | 25.0     |
| Agency—           |        |          |        |          |        |          |        |          |
| 0-5 ...           | 1,090  | 1,077    | 1,321  | 1,402    | 1,197  | 1,346    | 1,023  | 1,158    |
| 5-10 ...          | 1,497  | 1,455    | 1,584  | 1,560    | 1,539  | 1,532    | 1,264  | 1,254    |
| 10-15 ...         | 1,300  | 1,443    | 1,158  | 1,023    | 1,249  | 1,074    | 1,023  | 896      |
| 15-20 ...         | 802    | 824      | 793    | 850      | 814    | 892      | 711    | 768      |
| 20-40 ...         | 3,428  | 3,464    | 3,278  | 3,469    | 3,293  | 3,514    | 2,613  | 2,759    |
| 40-60 ...         | 1,532  | 1,381    | 1,546  | 1,334    | 1,584  | 1,289    | 1,251  | 1,028    |
| 60 and over ...   | 351    | 356      | 320    | 362      | 324    | 353      | 291    | 323      |
| Not stated ...    | ...    | ...      | ...    | ...      | ...    | ...      | 1,824  | 1,814    |
| Mean age ...      | 24.3   | 23.5     | ...    | ...      | ...    | ...      | ...    | ...      |
| East Coast North— |        |          |        |          |        |          |        |          |
| 0-5 ...           | 1,167  | 1,178    | 1,300  | 1,295    | 1,318  | 1,356    | 1,391  | 1,456    |
| 5-10 ...          | 1,401  | 1,376    | 1,414  | 1,371    | 1,445  | 1,393    | 1,459  | 1,396    |
| 10-15 ...         | 1,339  | 1,180    | 1,303  | 1,131    | 1,357  | 1,154    | 1,246  | 1,037    |
| 15-20 ...         | 861    | 795      | 841    | 806      | 817    | 754      | 820    | 771      |
| 20-40 ...         | 2,837  | 3,124    | 2,850  | 3,017    | 2,829  | 3,057    | 2,892  | 3,083    |
| 40-60 ...         | 1,695  | 1,644    | 1,679  | 1,631    | 1,682  | 1,624    | 1,612  | 1,542    |
| 60 and over ...   | 650    | 703      | 613    | 689      | 552    | 662      | 578    | 703      |
| Not stated ...    | ...    | ...      | ...    | ...      | ...    | ...      | 2      | 4        |
| Mean age ...      | 25.3   | 24.3     | ...    | ...      | ...    | ...      | ...    | ...      |



2.—Age distribution of 10,000 of each sex in the province and each natural division—concluded.

|                            | 1921.  |          | 1911.  |          | 1901.  |          | 1891.  |          |
|----------------------------|--------|----------|--------|----------|--------|----------|--------|----------|
|                            | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. |
| <b>Deccan—</b>             |        |          |        |          |        |          |        |          |
| 0-5 ... ..                 | 1,055  | 1,183    | 1,140  | 1,209    | 1,148  | 1,254    | 1,380  | 1,508    |
| 5-10 ... ..                | 1,312  | 1,394    | 1,243  | 1,302    | 1,412  | 1,483    | 1,342  | 1,364    |
| 10-15 ... ..               | 1,284  | 1,201    | 1,241  | 1,186    | 1,371  | 1,261    | 828    | 720      |
| 15-20 ... ..               | 768    | 679      | 824    | 784      | 705    | 604      | 720    | 662      |
| 20-40 ... ..               | 3,256  | 3,303    | 3,036  | 3,135    | 2,932  | 3,080    | 3,455  | 3,517    |
| 40-60 ... ..               | 1,658  | 1,607    | 1,862  | 1,731    | 1,883  | 1,698    | 1,768  | 1,614    |
| 60 and over ...            | 667    | 653      | 654    | 653      | 549    | 620      | 506    | 616      |
| Not stated ...             | ...    | ...      | ...    | ...      | ...    | ...      | 3      | 4        |
| Mean age ...               | 26.1   | 25.4     | ...    | ...      | ...    | ...      | ...    | ...      |
| <b>East Coast Central—</b> |        |          |        |          |        |          |        |          |
| 0-5 ... ..                 | 1,253  | 1,329    | 1,357  | 1,417    | 1,381  | 1,446    | 1,576  | 1,644    |
| 5-10 ... ..                | 1,353  | 1,391    | 1,271  | 1,300    | 1,442  | 1,461    | 1,354  | 1,344    |
| 10-15 ... ..               | 1,197  | 1,096    | 1,200  | 1,099    | 1,288  | 1,155    | 994    | 859      |
| 15-20 ... ..               | 839    | 784      | 899    | 852      | 817    | 713      | 809    | 752      |
| 20-40 ... ..               | 3,050  | 3,211    | 2,914  | 3,085    | 2,815  | 3,051    | 3,107  | 3,281    |
| 40-60 ... ..               | 1,704  | 1,639    | 1,782  | 1,678    | 1,728  | 1,621    | 1,656  | 1,558    |
| 60 and over ...            | 604    | 570      | 577    | 569      | 529    | 553      | 503    | 561      |
| Not stated ...             | ...    | ...      | ...    | ...      | ...    | ...      | 1      | 1        |
| Mean age ...               | 25.6   | 25.1     | ...    | ...      | ...    | ...      | ...    | ...      |
| <b>East Coast South—</b>   |        |          |        |          |        |          |        |          |
| 0-5 ... ..                 | 1,256  | 1,221    | 1,393  | 1,345    | 1,415  | 1,363    | 1,519  | 1,471    |
| 5-10 ... ..                | 1,316  | 1,294    | 1,326  | 1,289    | 1,417  | 1,344    | 1,373  | 1,299    |
| 10-15 ... ..               | 1,175  | 1,056    | 1,135  | 989      | 1,188  | 1,020    | 1,044  | 865      |
| 15-20 ... ..               | 877    | 789      | 858    | 818      | 837    | 764      | 847    | 775      |
| 20-40 ... ..               | 2,998  | 3,233    | 2,909  | 3,141    | 2,860  | 3,105    | 2,968  | 3,191    |
| 40-60 ... ..               | 1,781  | 1,777    | 1,789  | 1,793    | 1,735  | 1,769    | 1,702  | 1,750    |
| 60 and over ...            | 597    | 630      | 590    | 645      | 548    | 635      | 545    | 647      |
| Not stated ...             | ...    | ...      | ...    | ...      | ...    | ...      | 2      | 2        |
| Mean age ...               | 25.9   | 26.3     | ...    | ...      | ...    | ...      | ...    | ...      |
| <b>West Coast—</b>         |        |          |        |          |        |          |        |          |
| 0-5 ... ..                 | 1,365  | 1,306    | 1,388  | 1,337    | 1,348  | 1,322    | 1,528  | 1,524    |
| 5-10 ... ..                | 1,339  | 1,238    | 1,319  | 1,227    | 1,412  | 1,320    | 1,371  | 1,268    |
| 10-15 ... ..               | 1,284  | 1,166    | 1,277  | 1,156    | 1,331  | 1,243    | 1,228  | 1,092    |
| 15-20 ... ..               | 940    | 934      | 1,018  | 1,036    | 964    | 965      | 952    | 973      |
| 20-40 ... ..               | 3,082  | 3,292    | 3,120  | 3,240    | 3,040  | 3,178    | 3,080  | 3,186    |
| 40-60 ... ..               | 1,554  | 1,538    | 1,478  | 1,500    | 1,461  | 1,469    | 1,438  | 1,432    |
| 60 and over ...            | 436    | 526      | 400    | 504      | 394    | 503      | 401    | 523      |
| Not stated ...             | ...    | ...      | ...    | ...      | ...    | ...      | 2      | 2        |
| Mean age ...               | 24.1   | 26.2     | ...    | ...      | ...    | ...      | ...    | ...      |

3.—Age distribution of 10,000 of each sex in each main religion.

| Age.              | 1921.  |          | 1911.  |          | 1901.  |          | 1891.  |          |
|-------------------|--------|----------|--------|----------|--------|----------|--------|----------|
|                   | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. |
| <b>HINDU—</b>     |        |          |        |          |        |          |        |          |
| 0-5 ... ..        | 1,208  | 1,228    | 1,319  | 1,330    | 1,330  | 1,362    | 1,470  | 1,515    |
| 5-10 ... ..       | 1,346  | 1,342    | 1,323  | 1,302    | 1,425  | 1,399    | 1,379  | 1,335    |
| 10-15 ... ..      | 1,242  | 1,130    | 1,216  | 1,085    | 1,293  | 1,132    | 1,072  | 911      |
| 15-20 ... ..      | 857    | 779      | 874    | 835      | 822    | 746      | 824    | 773      |
| 20-40 ... ..      | 3,035  | 3,217    | 2,944  | 3,132    | 2,884  | 3,097    | 3,062  | 3,230    |
| 40-60 ... ..      | 1,711  | 1,676    | 1,743  | 1,694    | 1,720  | 1,659    | 1,653  | 1,598    |
| 60 and over ...   | 601    | 628      | 576    | 622      | 526    | 605      | 519    | 620      |
| Not stated ...    | ...    | ...      | ...    | ...      | ...    | ...      | 21     | 20       |
| Mean age ...      | 25.6   | 25.7     | 25.3   | 25.5     | 24.6   | 24.9     | 24.4   | 24.8     |
| <b>MUSALMAN—</b>  |        |          |        |          |        |          |        |          |
| 0-5 ... ..        | 1,356  | 1,328    | 1,461  | 1,428    | 1,463  | 1,428    | 1,592  | 1,576    |
| 5-10 ... ..       | 1,442  | 1,400    | 1,419  | 1,379    | 1,510  | 1,444    | 1,453  | 1,380    |
| 10-15 ... ..      | 1,323  | 1,192    | 1,292  | 1,157    | 1,380  | 1,207    | 1,151  | 976      |
| 15-20 ... ..      | 877    | 892      | 915    | 940      | 857    | 843      | 854    | 851      |
| 20-40 ... ..      | 2,964  | 3,203    | 2,900  | 3,087    | 2,809  | 3,059    | 2,972  | 3,167    |
| 40-60 ... ..      | 1,513  | 1,449    | 1,502  | 1,458    | 1,492  | 1,473    | 1,479  | 1,462    |
| 60 and over ...   | 525    | 536      | 511    | 551      | 489    | 546      | 497    | 586      |
| Not stated ...    | ...    | ...      | ...    | ...      | ...    | ...      | 2      | 2        |
| Mean age ...      | 24.1   | 24.2     | 23.7   | 24.0     | 23.2   | 23.7     | 23.3   | 23.9     |
| <b>CHRISTIAN—</b> |        |          |        |          |        |          |        |          |
| 0-5 ... ..        | 1,320  | 1,353    | 1,442  | 1,417    | 1,429  | 1,434    | 1,581  | 1,591    |
| 5-10 ... ..       | 1,376  | 1,400    | 1,361  | 1,358    | 1,517  | 1,486    | 1,470  | 1,438    |
| 10-15 ... ..      | 1,257  | 1,191    | 1,244  | 1,159    | 1,356  | 1,230    | 1,139  | 1,019    |
| 15-20 ... ..      | 862    | 875      | 880    | 916      | 843    | 828      | 852    | 858      |
| 20-40 ... ..      | 2,952  | 3,145    | 2,892  | 3,079    | 2,756  | 2,998    | 2,933  | 3,097    |
| 40-60 ... ..      | 1,638  | 1,520    | 1,622  | 1,541    | 1,603  | 1,513    | 1,541  | 1,465    |
| 60 and over ...   | 595    | 516      | 559    | 530      | 496    | 511      | 482    | 530      |
| Not stated ...    | ...    | ...      | ...    | ...      | ...    | ...      | 2      | 2        |
| Mean age ...      | 25.1   | 24.3     | 24.5   | 24.3     | 23.7   | 23.7     | 23.5   | 23.5     |
| <b>ANIMISTIC—</b> |        |          |        |          |        |          |        |          |
| 0-5 ... ..        | 1,117  | 1,243    | 1,403  | 1,483    | 1,219  | 1,359    | 803    | 915      |
| 5-10 ... ..       | 1,524  | 1,524    | 1,567  | 1,535    | 1,542  | 1,526    | 1,074  | 1,067    |
| 10-15 ... ..      | 1,249  | 1,124    | 1,126  | 1,001    | 1,271  | 1,125    | 801    | 732      |
| 15-20 ... ..      | 789    | 857      | 784    | 825      | 824    | 925      | 532    | 566      |
| 20-40 ... ..      | 3,309  | 3,567    | 3,186  | 3,379    | 3,190  | 3,445    | 1,936  | 2,021    |
| 40-60 ... ..      | 1,629  | 1,368    | 1,581  | 1,314    | 1,634  | 1,289    | 953    | 775      |
| 60 and over ...   | 383    | 317      | 373    | 363      | 320    | 331      | 224    | 214      |
| Not stated ...    | ...    | ...      | ...    | ...      | ...    | ...      | 3,677  | 3,710    |
| Mean age ...      | 24.5   | 23.3     | 23.6   | 22.9     | 23.6   | 22.7     | 23.1   | 22.0     |
| <b>JAIN—</b>      |        |          |        |          |        |          |        |          |
| 0-5 ... ..        | 903    | 1,037    | 880    | 1,032    | 1,007  | 1,115    | 1,032  | 1,119    |
| 5-10 ... ..       | 858    | 979      | 893    | 1,046    | 1,014  | 1,076    | 969    | 1,063    |
| 10-15 ... ..      | 1,035  | 953      | 1,084  | 1,050    | 1,041  | 1,003    | 1,046  | 963      |
| 15-20 ... ..      | 978    | 888      | 956    | 837      | 887    | 764      | 899    | 830      |
| 20-40 ... ..      | 3,492  | 3,246    | 3,421  | 3,122    | 3,278  | 3,085    | 3,373  | 3,193    |
| 40-60 ... ..      | 2,008  | 1,999    | 2,039  | 1,988    | 2,029  | 2,054    | 1,997  | 1,956    |
| 60 and over ...   | 726    | 898      | 727    | 925      | 744    | 903      | 682    | 874      |
| Not stated ...    | ...    | ...      | ...    | ...      | ...    | ...      | 2      | 2        |
| Mean age ...      | 28.7   | 29.0     | 28.8   | 29.0     | 28.0   | 28.4     | 27.8   | 28.1     |

4.—Age distribution of 1,000 of each sex in certain castes.

| Caste.                                                               |     |            |               |     | Males—Number per mille aged |       |        |        |              | Females—Number per mille aged |       |        |        |              |
|----------------------------------------------------------------------|-----|------------|---------------|-----|-----------------------------|-------|--------|--------|--------------|-------------------------------|-------|--------|--------|--------------|
|                                                                      |     |            |               |     | 0-5.                        | 5-12. | 12-15. | 15-40. | 40 and over. | 0-5.                          | 5-12. | 12-15. | 15-40. | 40 and over. |
| 1                                                                    |     |            |               |     | 2                           | 3     | 4      | 5      | 6            | 7                             | 8     | 9      | 10     | 11           |
| Baliya, Kavarai ...                                                  | ... | ...        | ...           | ... | 110                         | 178   | 75     | 392    | 247          | 113                           | 181   | 63     | 395    | 248          |
| Brāhman.                                                             | {   | Malayalam. | Tamil ...     | ... | 98                          | 150   | 74     | 425    | 253          | 107                           | 158   | 60     | 398    | 277          |
|                                                                      |     |            | Telugu ...    | ... | 115                         | 155   | 74     | 415    | 241          | 116                           | 157   | 76     | 390    | 261          |
|                                                                      |     |            | Embrāndri ... | ... | 59                          | 86    | 32     | 477    | 346          | 120                           | 146   | 61     | 435    | 238          |
|                                                                      |     |            | Nambūdri ...  | ... | 92                          | 128   | 62     | 433    | 285          | 111                           | 147   | 63     | 386    | 293          |
|                                                                      |     |            | Pattar ...    | ... | 112                         | 143   | 66     | 404    | 275          | 129                           | 202   | 61     | 388    | 220          |
|                                                                      |     |            | Kanarese ...  | ... | 147                         | 138   | 104    | 351    | 260          | 143                           | 157   | 51     | 401    | 248          |
| Oriya ...                                                            | ... | ...        | ...           | ... | 126                         | 44    | 87     | 432    | 311          | 106                           | 183   | 57     | 406    | 248          |
| Cheruman ...                                                         | ... | ...        | ...           | ... | 140                         | 193   | 81     | 393    | 193          | 180                           | 158   | 74     | 437    | 201          |
| Chetti ...                                                           | ... | ...        | ...           | ... | 111                         | 153   | 104    | 380    | 252          | 93                            | 137   | 74     | 432    | 264          |
| Dēvānga ...                                                          | ... | ...        | ...           | ... | 114                         | 176   | 74     | 396    | 240          | 104                           | 175   | 56     | 413    | 252          |
| Holeya ...                                                           | ... | ...        | ...           | ... | 161                         | 207   | 89     | 350    | 193          | 147                           | 159   | 71     | 407    | 216          |
| Kaikolan, Sengundar, Sengunda Kshatriya ...                          | ... | ...        | ...           | ... | 129                         | 173   | 103    | 396    | 199          | 142                           | 174   | 91     | 376    | 217          |
| Kālingi ...                                                          | ... | ...        | ...           | ... | 118                         | 196   | 70     | 385    | 231          | 119                           | 193   | 55     | 394    | 239          |
| Kālinji ...                                                          | ... | ...        | ...           | ... | 128                         | 265   | 102    | 321    | 184          | 93                            | 209   | 76     | 400    | 222          |
| Kammālan, Kamsala, Pānchāla, Visva Brāhman, Visva Karma (Tamil) ...  | ... | ...        | ...           | ... | 125                         | 170   | 84     | 394    | 227          | 123                           | 173   | 81     | 402    | 221          |
| Kammālan, Kamsala, Pānchāla, Visva Brāhman, Visva Karma (Telugu) ... | ... | ...        | ...           | ... | 105                         | 189   | 74     | 403    | 229          | 106                           | 188   | 53     | 408    | 245          |
| Kāpu ..                                                              | ... | ...        | ...           | ... | 108                         | 193   | 72     | 387    | 240          | 111                           | 190   | 57     | 393    | 249          |
| Kōmati, Arya Vaisya ..                                               | ... | ...        | ...           | ... | 108                         | 167   | 78     | 400    | 247          | 109                           | 167   | 69     | 396    | 259          |
| Māla ...                                                             | ... | ...        | ...           | ... | 122                         | 207   | 80     | 358    | 233          | 129                           | 189   | 65     | 394    | 223          |
| Nādār ...                                                            | ... | ...        | ...           | ... | 122                         | 162   | 83     | 394    | 239          | 127                           | 165   | 85     | 397    | 226          |
| Paraiyan, Panchama ✓                                                 | ... | ...        | ...           | ... | 136                         | 199   | 77     | 372    | 216          | 135                           | 184   | 64     | 411    | 206          |
| Sāle ...                                                             | ... | ...        | ...           | ... | 114                         | 196   | 77     | 381    | 232          | 119                           | 184   | 59     | 403    | 235          |
| Tīyan ✓                                                              | ... | ...        | ...           | ... | 139                         | 175   | 78     | 399    | 209          | 122                           | 183   | 78     | 417    | 200          |
| Vellāla ...                                                          | ... | ...        | ...           | ... | 114                         | 165   | 76     | 413    | 232          | 109                           | 165   | 79     | 394    | 253          |

4-A.—Proportion of children under 12 and of persons over 40 to those aged 15-40 in certain castes; also of married females aged 15-40 per 100 females.

| Castes.                                                                 | Proportion of<br>children both sexes<br>per 100. |                                      | Proportion of<br>persons over 40 per<br>100 aged 15-40. |          | Number<br>of married<br>females<br>aged 15-40<br>per 100 females of all<br>ages. |
|-------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------|---------------------------------------------------------|----------|----------------------------------------------------------------------------------|
|                                                                         | Persons<br>aged<br>15-40.                        | Married<br>females<br>aged<br>15-40. | Males.                                                  | Females. |                                                                                  |
|                                                                         |                                                  |                                      |                                                         |          |                                                                                  |
| 1                                                                       | 2                                                | 3                                    | 4                                                       | 5        | 6                                                                                |
| Baliya ... ..                                                           | 74                                               | 192                                  | 63                                                      | 63       | 30                                                                               |
| Brāhman, Tamil ... ..                                                   | 62                                               | 153                                  | 60                                                      | 70       | 33                                                                               |
| Do. Telugu ... ..                                                       | 68                                               | 182                                  | 58                                                      | 67       | 30                                                                               |
| Do. Malayālam, Embrāndri ... ..                                         | 42                                               | 141                                  | 72                                                      | 55       | 32                                                                               |
| Do. do. Nambādri ... ..                                                 | 58                                               | 194                                  | 66                                                      | 78       | 26                                                                               |
| Do. do. Pattar ... ..                                                   | 72                                               | 228                                  | 68                                                      | 57       | 30                                                                               |
| Do. Kanarese ... ..                                                     | 78                                               | 179                                  | 74                                                      | 62       | 33                                                                               |
| Do. Oriyā ... ..                                                        | 56                                               | 134                                  | 72                                                      | 61       | 32                                                                               |
| Cheruman ... ..                                                         | 75                                               | 191                                  | 49                                                      | 46       | 31                                                                               |
| Chetti ... ..                                                           | 60                                               | 131                                  | 67                                                      | 61       | 32                                                                               |
| Dēvānga ... ..                                                          | 70                                               | 162                                  | 61                                                      | 61       | 34                                                                               |
| Holeya ... ..                                                           | 87                                               | 204                                  | 55                                                      | 53       | 29                                                                               |
| Kaikolan, Sengundar, Sengunda Kshatriya ... ..                          | 80                                               | 216                                  | 50                                                      | 58       | 29                                                                               |
| Kālingi ... ..                                                          | 80                                               | 184                                  | 60                                                      | 61       | 33                                                                               |
| Kālinji ... ..                                                          | 92                                               | 171                                  | 57                                                      | 55       | 34                                                                               |
| Kammālan, Kamsala, Pānchāla, Visva Brāhman, Visva Karma (Tamil) ... ..  | 74                                               | 207                                  | 58                                                      | 55       | 29                                                                               |
| Kammālan, Kamsala, Pānchāla, Visva Brāhman, Visva Karma (Telugu) ... .. | 73                                               | 197                                  | 57                                                      | 60       | 30                                                                               |
| Kāpu ... ..                                                             | 77                                               | 191                                  | 62                                                      | 63       | 31                                                                               |
| Kōmati, Arya Vaisya ... ..                                              | 58                                               | 181                                  | 44                                                      | 66       | 31                                                                               |
| Māla ... ..                                                             | 70                                               | 191                                  | 44                                                      | 57       | 33                                                                               |
| Nādār ... ..                                                            | 83                                               | 243                                  | 61                                                      | 57       | 28                                                                               |
| Paraiyan, Panchama ... ..                                               | 83                                               | 187                                  | 58                                                      | 50       | 34                                                                               |
| Sāle ... ..                                                             | 79                                               | 184                                  | 61                                                      | 60       | 33                                                                               |
| Tīyan ... ..                                                            | 72                                               | 218                                  | 53                                                      | 43       | 28                                                                               |
| Vellāla ... ..                                                          | 69                                               | 189                                  | 56                                                      | 64       | 30                                                                               |

5.—Proportion of children under 10 and of persons over 60 to those aged 15-40; also of married females aged 15-40 per 100 females.

| Natural<br>division. | Proportion of children (both sexes)<br>per 100. |       |       |       |                                |       |       |       | Proportion of persons over 60 per<br>100 aged 15-40. |          |        |          |        |          |        |          | Number of married<br>females aged<br>15-40 per 100<br>females of all ages. |       |       |       |
|----------------------|-------------------------------------------------|-------|-------|-------|--------------------------------|-------|-------|-------|------------------------------------------------------|----------|--------|----------|--------|----------|--------|----------|----------------------------------------------------------------------------|-------|-------|-------|
|                      | Persons aged<br>15-40.                          |       |       |       | Married females<br>aged 15-40. |       |       |       | 1921.                                                |          | 1911.  |          | 1901.  |          | 1891.  |          |                                                                            |       |       |       |
|                      | 1921.                                           | 1911. | 1901. | 1891. | 1921.                          | 1911. | 1901. | 1891. | Males.                                               | Females. | Males. | Females. | Males. | Females. | Males. | Females. | 1921.                                                                      | 1911. | 1901. | 1891. |
|                      | 1                                               | 2     | 3     | 4     | 5                              | 6     | 7     | 8     | 9                                                    | 10       | 11     | 12       | 13     | 14       | 15     | 16       | 17                                                                         | 18    | 19    | 20    |
| Province ...         | 65                                              | 68    | 73    | 73    | 160                            | 165   | 179   | 175   | 15                                                   | 15       | 15     | 15       | 14     | 15       | 13     | 15       | 32                                                                         | 32    | 31    | 32    |
| Agency ...           | 60                                              | 70    | 66    | 69    | 153                            | 170   | 161   | 164   | 8                                                    | 8        | 8      | 8        | 8      | 8        | 9      | 9        | 33                                                                         | 35    | 36    | 29    |
| East Coast ...       | 67                                              | 71    | 74    | 75    | 155                            | 165   | 176   | 179   | 17                                                   | 18       | 17     | 18       | 15     | 17       | 16     | 18       | 32                                                                         | 32    | 31    | 32    |
| Deccan ...           | 61                                              | 63    | 72    | 67    | 166                            | 161   | 189   | 176   | 17                                                   | 16       | 17     | 17       | 15     | 17       | 12     | 14       | 30                                                                         | 31    | 29    | 32    |
| East Coast ...       | 68                                              | 69    | 77    | 74    | 166                            | 166   | 187   | 177   | 16                                                   | 14       | 15     | 14       | 15     | 15       | 13     | 14       | 32                                                                         | 32    | 30    | 33    |
| Central ...          | 64                                              | 69    | 73    | 73    | 155                            | 162   | 173   | 170   | 15                                                   | 16       | 16     | 16       | 15     | 16       | 14     | 16       | 32                                                                         | 32    | 31    | 32    |
| East Coast ...       | 64                                              | 63    | 66    | 69    | 166                            | 166   | 177   | 177   | 11                                                   | 12       | 10     | 12       | 10     | 12       | 10     | 13       | 31                                                                         | 31    | 30    | 32    |

5-A.—Proportion of children under 10 and of persons over 60 to those aged 15-40; also of married females aged 15-40 per 100 females.

| Religion and natural division. | Proportion of children (both sexes) per 100. |       |       |       |                             |       |       |       | Proportion of persons over 60 per 100 aged 15-40. |          |        |          |        |          |        |          | Number of married females aged 15-40 per 100 females of all ages. |          |        |          |        |          |        |          |
|--------------------------------|----------------------------------------------|-------|-------|-------|-----------------------------|-------|-------|-------|---------------------------------------------------|----------|--------|----------|--------|----------|--------|----------|-------------------------------------------------------------------|----------|--------|----------|--------|----------|--------|----------|
|                                | Persons aged 15-40.                          |       |       |       | Married females aged 15-40. |       |       |       | 1921.                                             |          | 1911.  |          | 1901.  |          | 1891.  |          | 1921.                                                             |          | 1911.  |          | 1901.  |          | 1891.  |          |
|                                | 1921.                                        | 1911. | 1901. | 1891. | 1921.                       | 1911. | 1901. | 1891. | Males.                                            | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males.                                                            | Females. | Males. | Females. | Males. | Females. | Males. | Females. |
|                                | 1                                            | 2     | 3     | 4     | 5                           | 6     | 7     | 8     | 9                                                 | 10       | 11     | 12       | 13     | 14       | 15     | 16       | 17                                                                | 18       | 19     | 20       | 21     | 22       | 23     | 24       |
| Province—                      |                                              |       |       |       |                             |       |       |       |                                                   |          |        |          |        |          |        |          |                                                                   |          |        |          |        |          |        |          |
| Hindu ...                      | 65                                           | 68    | 73    | 71    | 159                         | 163   | 178   | 173   | 16                                                | 16       | 15     | 16       | 14     | 16       | 13     | 15       | 32                                                                | 32       | 31     | 32       |        |          |        |          |
| Musalman ...                   | 70                                           | 72    | 77    | 76    | 170                         | 174   | 187   | 181   | 14                                                | 13       | 13     | 14       | 13     | 14       | 13     | 14       | 32                                                                | 32       | 31     | 33       |        |          |        |          |
| Christian ...                  | 70                                           | 72    | 79    | 74    | 176                         | 179   | 196   | 179   | 16                                                | 13       | 15     | 13       | 14     | 13       | 12     | 12       | 31                                                                | 31       | 29     | 32       |        |          |        |          |
| Animist ...                    | 63                                           | 72    | 68    | 76    | 161                         | 177   | 168   | 189   | 9                                                 | 7        | 9      | 8        | 8      | 8        | 9      | 8        | 34                                                                | 34       | 34     | 21       |        |          |        |          |
| Jain ...                       | 44                                           | 46    | 52    | 50    | 126                         | 128   | 141   | 137   | 16                                                | 22       | 17     | 23       | 18     | 24       | 16     | 22       | 30                                                                | 32       | 31     | 32       |        |          |        |          |
| Agency—                        |                                              |       |       |       |                             |       |       |       |                                                   |          |        |          |        |          |        |          |                                                                   |          |        |          |        |          |        |          |
| Hindu ...                      | 60                                           | 70    | 67    | 67    | 152                         | 168   | 159   | 159   | 9                                                 | 9        | 8      | 9        | 8      | 8        | 9      | 10       | 33                                                                | 35       | 36     | 34       |        |          |        |          |
| Musalman ...                   | 53                                           | 61    | 52    | 52    | 140                         | 150   | 143   | 145   | 9                                                 | 11       | 8      | 11       | 7      | 13       | 8      | 16       | 35                                                                | 36       | 35     | 32       |        |          |        |          |
| Christian ...                  | 74                                           | 54    | 63    | 78    | 172                         | 134   | 160   | 223   | 6                                                 | 6        | 8      | 5        | 6      | 7        | 3      | 5        | 35                                                                | 35       | 36     | 30       |        |          |        |          |
| Animist ...                    | 59                                           | 70    | 68    | 75    | 155                         | 176   | 170   | 186   | 8                                                 | 6        | 8      | 8        | 7      | 7        | 9      | 8        | 34                                                                | 34       | 35     | 20       |        |          |        |          |
| East Coast                     |                                              |       |       |       |                             |       |       |       |                                                   |          |        |          |        |          |        |          |                                                                   |          |        |          |        |          |        |          |
| North—                         |                                              |       |       |       |                             |       |       |       |                                                   |          |        |          |        |          |        |          |                                                                   |          |        |          |        |          |        |          |
| Hindu ...                      | 66                                           | 71    | 74    | 75    | 155                         | 182   | 175   | 179   | 17                                                | 18       | 14     | 15       | 15     | 18       | 16     | 18       | 32                                                                | 32       | 31     | 32       |        |          |        |          |
| Musalman ...                   | 71                                           | 73    | 78    | 76    | 170                         | 173   | 165   | 181   | 19                                                | 17       | 18     | 18       | 17     | 18       | 17     | 19       | 32                                                                | 32       | 35     | 32       |        |          |        |          |
| Christian ...                  | 69                                           | 71    | 82    | 81    | 163                         | 166   | 194   | 186   | 20                                                | 13       | 18     | 14       | 17     | 14       | 15     | 15       | 33                                                                | 33       | 31     | 34       |        |          |        |          |
| Animist ...                    | 79                                           | 82    | 73    | 86    | 180                         | 183   | 179   | 210   | 16                                                | 10       | 16     | 12       | 10     | 10       | 12     | 11       | 34                                                                | 34       | 32     | 31       |        |          |        |          |
| Deccan—                        |                                              |       |       |       |                             |       |       |       |                                                   |          |        |          |        |          |        |          |                                                                   |          |        |          |        |          |        |          |
| Hindu ...                      | 60                                           | 61    | 71    | 66    | 165                         | 159   | 188   | 175   | 17                                                | 17       | 17     | 17       | 15     | 17       | 12     | 15       | 30                                                                | 31       | 28     | 32       |        |          |        |          |
| Musalman ...                   | 68                                           | 72    | 81    | 74    | 173                         | 175   | 197   | 181   | 17                                                | 16       | 18     | 17       | 17     | 13       | 15     | 32       | 32                                                                | 32       | 30     | 34       |        |          |        |          |
| Christian ...                  | 68                                           | 68    | 79    | 70    | 172                         | 169   | 199   | 178   | 17                                                | 14       | 20     | 15       | 15     | 14       | 12     | 13       | 32                                                                | 31       | 29     | 34       |        |          |        |          |
| East Coast                     |                                              |       |       |       |                             |       |       |       |                                                   |          |        |          |        |          |        |          |                                                                   |          |        |          |        |          |        |          |
| Central—                       |                                              |       |       |       |                             |       |       |       |                                                   |          |        |          |        |          |        |          |                                                                   |          |        |          |        |          |        |          |
| Hindu ...                      | 68                                           | 69    | 77    | 73    | 163                         | 166   | 187   | 173   | 16                                                | 14       | 15     | 15       | 15     | 13       | 14     | 14       | 33                                                                | 32       | 30     | 33       |        |          |        |          |
| Musalman ...                   | 70                                           | 76    | 81    | 66    | 171                         | 178   | 187   | 177   | 15                                                | 13       | 16     | 14       | 16     | 15       | 16     | 16       | 33                                                                | 33       | 32     | 33       |        |          |        |          |
| Christian ...                  | 70                                           | 72    | 82    | 77    | 219                         | 190   | 218   | 201   | 13                                                | 11       | 13     | 11       | 13     | 13       | 12     | 12       | 26                                                                | 29       | 27     | 30       |        |          |        |          |
| Jain ...                       | 43                                           | 52    | 54    | 51    | 109                         | 126   | 134   | 131   | 24                                                | 26       | 26     | 30       | 23     | 27       | 20     | 26       | 32                                                                | 31       | 31     | 31       |        |          |        |          |
| East Coast                     |                                              |       |       |       |                             |       |       |       |                                                   |          |        |          |        |          |        |          |                                                                   |          |        |          |        |          |        |          |
| South—                         |                                              |       |       |       |                             |       |       |       |                                                   |          |        |          |        |          |        |          |                                                                   |          |        |          |        |          |        |          |
| Hindu ...                      | 64                                           | 68    | 72    | 72    | 154                         | 161   | 173   | 170   | 15                                                | 16       | 16     | 16       | 15     | 17       | 14     | 16       | 32                                                                | 32       | 31     | 32       |        |          |        |          |
| Musalman ...                   | 72                                           | 78    | 82    | 80    | 156                         | 163   | 169   | 168   | 15                                                | 15       | 16     | 17       | 17     | 17       | 17     | 18       | 33                                                                | 33       | 32     | 32       |        |          |        |          |
| Christian ...                  | 69                                           | 74    | 79    | 80    | 175                         | 178   | 190   | 188   | 15                                                | 14       | 15     | 14       | 14     | 14       | 14     | 14       | 30                                                                | 31       | 30     | 31       |        |          |        |          |
| West Coast—                    |                                              |       |       |       |                             |       |       |       |                                                   |          |        |          |        |          |        |          |                                                                   |          |        |          |        |          |        |          |
| Hindu ...                      | 61                                           | 52    | 64    | 67    | 160                         | 139   | 171   | 172   | 11                                                | 13       | 10     | 12       | 10     | 13       | 10     | 13       | 31                                                                | 31       | 30     | 32       |        |          |        |          |
| Musalman ...                   | 68                                           | 70    | 73    | 76    | 176                         | 181   | 192   | 179   | 10                                                | 11       | 9      | 10       | 9      | 10       | 9      | 11       | 31                                                                | 32       | 30     | 35       |        |          |        |          |
| Christian ...                  | 71                                           | 68    | 55    | 77    | 193                         | 188   | 148   | 199   | 14                                                | 13       | 11     | 12       | 11     | 11       | 10     | 12       | 28                                                                | 29       | 29     | 30       |        |          |        |          |
| Jain ...                       | 54                                           | 45    | 56    | 52    | 156                         | 130   | 153   | 145   | 14                                                | 19       | 13     | 17       | 15     | 20       | 14     | 17       | 30                                                                | 31       | 31     | 32       |        |          |        |          |

6.—Variation in population at certain age-periods.

| Natural division.      | Period.                             | Variation per cent in population (Increase + Decrease —). |                            |                                |                           |                           |                           |
|------------------------|-------------------------------------|-----------------------------------------------------------|----------------------------|--------------------------------|---------------------------|---------------------------|---------------------------|
|                        |                                     | All ages.                                                 | 0-10.                      | 10-15.                         | 15-40.                    | 40-60.                    | 60 and over.              |
| 1                      | 2                                   | 3                                                         | 4                          | 5                              | 6                         | 7                         | 8                         |
| Province ...           | 1911-1921<br>1901-1911<br>1891-1901 | + 2.2<br>+ 8.4<br>+ 7.2                                   | - 0.8<br>+ 3.9<br>+ 4.3    | + 5.5<br>+ 2.7<br>(c) + 31.3   | + 3.5<br>+ 11.8<br>+ 3.3  | + 0.8<br>+ 10.2<br>+ 11.7 | + 4.6<br>+ 14.7<br>+ 6.3  |
| Agency (a) ...         | 1911-1921<br>1901-1911<br>1891-1901 | - 5.1<br>+ 18.4<br>+ 2.9                                  | - 17.2<br>+ 23.8<br>+ 23.0 | + 19.5<br>+ 11.1<br>(c) + 24.5 | - 3.4<br>+ 16.8<br>+ 27.9 | - 4.1<br>+ 18.5<br>+ 29.6 | - 1.6<br>+ 19.3<br>+ 13.4 |
| East Coast North ...   | 1911-1921<br>1901-1911<br>1891-1901 | + 3.4<br>+ 9.9<br>+ 8.7                                   | - 1.6<br>+ 7.3<br>+ 5.0    | + 7.0<br>+ 6.5<br>(c) + 19.4   | + 4.7<br>+ 11.6<br>+ 7.1  | + 4.3<br>+ 10.0<br>+ 13.9 | + 7.4<br>+ 17.8<br>+ 2.8  |
| Deccan (b) ...         | 1911-1921<br>1901-1911<br>1891-1901 | - 3.8<br>- 3.2<br>+ 5.3                                   | - 3.3<br>- 10.6<br>- 0.2   | - 1.5<br>- 10.8<br>(c) + 79.1  | - 1.0<br>+ 2.8<br>- 7.8   | - 12.6<br>- 2.9<br>+ 11.4 | - 2.8<br>+ 8.2<br>+ 9.8   |
| East Coast Central ... | 1911-1921<br>1901-1911<br>1891-1901 | + 5.5<br>+ 5.4<br>+ 8.9                                   | + 5.2<br>- 1.7<br>+ 5.5    | + 5.3<br>- 0.7<br>(c) + 43.7   | + 7.0<br>+ 10.5<br>+ 1.4  | + 2.0<br>+ 9.0<br>+ 13.5  | + 8.2<br>+ 11.6<br>+ 10.8 |
| East Coast South ...   | 1911-1921<br>1901-1911<br>1891-1901 | + 0.2<br>+ 1.5<br>+ 5.4                                   | - 4.4<br>+ 10.3<br>+ 3.1   | + 5.3<br>+ 10.2<br>(c) + 22.1  | + 27.6<br>+ 17.0<br>+ 2.5 | - 0.5<br>+ 17.0<br>+ 7.0  | - 0.4<br>+ 19.3<br>+ 4.6  |
| West Coast ...         | 1911-1921<br>1901-1911<br>1891-1901 | + 3.3<br>+ 7.1<br>+ 6.3                                   | + 2.9<br>+ 4.5<br>+ 0.8    | + 4.0<br>- 0.7<br>(c) + 20.2   | + 1.3<br>+ 10.6<br>+ 5.7  | + 7.2<br>+ 8.9<br>+ 8.5   | + 9.9<br>+ 8.0<br>+ 3.2   |

Note.—The percentages are based on variations in unadjusted figures for previous censuses. For 1891, persons who have not stated their ages have been omitted in working out percentages for columns 4 to 8, but have been included for column 3.

(a) High increase in all age-periods between 1901-1911 is partly due to inclusion of Nugur in 1911. The high increase between 1891-1901 may be due to exclusion of "not stated" from 1891 figures.

(b) Figures for 1901 include Madanapalle and Vayalpad taluks now transferred to Chittoor.

(c) Probably due to small number of births during 1877-78 famine.

7.—Reported birth-rate by sex and natural divisions.

| Year.    | Number of births per 1,000 of total population (Census of 1911). |        |          |          |        |          |                   |        |          |          |        |          |                     |        |          |                   |        |          |             |        |          |      |
|----------|------------------------------------------------------------------|--------|----------|----------|--------|----------|-------------------|--------|----------|----------|--------|----------|---------------------|--------|----------|-------------------|--------|----------|-------------|--------|----------|------|
|          | Province.                                                        |        |          | Agency.  |        |          | East Coast North. |        |          | Deccan.  |        |          | East Coast Central. |        |          | East Coast South. |        |          | West Coast. |        |          |      |
|          | Persons.                                                         | Males. | Females. | Persons. | Males. | Females. | Persons.          | Males. | Females. | Persons. | Males. | Females. | Persons.            | Males. | Females. | Persons.          | Males. | Females. | Persons.    | Males. | Females. |      |
| 1        | 2                                                                | 3      | 4        | 5        | 6      | 7        | 8                 | 9      | 10       | 11       | 12     | 13       | 14                  | 15     | 16       | 17                | 18     | 19       | 20          | 21     | 22       |      |
| 1911 ... | ...                                                              | 30.4   | 15.5     | 14.9     | 26.8   | 13.7     | 13.1              | 28.7   | 14.7     | 14.0     | 27.6   | 14.0     | 13.6                | 31.7   | 16.2     | 15.5              | 29.4   | 15.1     | 14.3        | 36.1   | 18.5     | 17.6 |
| 1912 ... | ...                                                              | 30.9   | 15.8     | 15.1     | 26.8   | 13.7     | 13.1              | 30.4   | 15.6     | 14.8     | 30.0   | 15.2     | 14.8                | 32.9   | 16.8     | 16.1              | 28.6   | 14.5     | 14.1        | 33.7   | 17.2     | 16.5 |
| 1913 ... | ...                                                              | 32.2   | 16.5     | 15.7     | 24.0   | 12.4     | 11.6              | 33.0   | 16.9     | 16.1     | 32.0   | 16.2     | 15.8                | 32.9   | 16.8     | 16.1              | 29.9   | 15.3     | 14.6        | 34.3   | 17.6     | 16.7 |
| 1914 ... | ...                                                              | 33.5   | 17.1     | 16.4     | 33.3   | 16.9     | 16.4              | 35.4   | 18.1     | 17.3     | 32.4   | 16.3     | 16.1                | 33.1   | 16.9     | 16.2              | 29.5   | 15.1     | 14.4        | 39.7   | 20.3     | 19.4 |
| 1915 ... | ...                                                              | 31.2   | 15.9     | 15.3     | 31.5   | 16.1     | 15.4              | 31.1   | 15.9     | 15.2     | 32.3   | 16.4     | 15.9                | 32.3   | 16.5     | 15.8              | 28.3   | 14.5     | 13.8        | 34.8   | 17.8     | 17.0 |
| 1916 ... | ...                                                              | 32.5   | 16.6     | 15.9     | 31.7   | 16.0     | 15.7              | 31.8   | 16.3     | 15.5     | 32.3   | 16.5     | 15.8                | 34.1   | 17.4     | 16.7              | 29.8   | 15.2     | 14.6        | 36.4   | 18.5     | 17.9 |
| 1917 ... | ...                                                              | 32.4   | 16.5     | 15.9     | 31.7   | 16.0     | 15.7              | 31.3   | 16.0     | 15.3     | 28.9   | 14.6     | 14.3                | 34.1   | 17.4     | 16.7              | 29.7   | 15.2     | 14.5        | 39.5   | 20.2     | 19.3 |
| 1918 ... | ...                                                              | 28.9   | 14.8     | 14.1     | 21.3   | 10.9     | 10.4              | 29.2   | 15.0     | 14.2     | 23.9   | 12.1     | 11.8                | 29.5   | 15.0     | 14.5              | 26.8   | 13.8     | 13.0        | 35.9   | 18.3     | 17.6 |
| 1919 ... | ...                                                              | 25.5   | 13.1     | 12.4     | 17.7   | 9.3      | 8.4               | 25.2   | 12.9     | 12.3     | 22.8   | 11.7     | 11.1                | 25.6   | 13.1     | 12.5              | 24.9   | 12.8     | 12.1        | 30.1   | 15.4     | 14.7 |
| 1920 ... | ...                                                              | 23.4   | 14.6     | 13.8     | 23.2   | 11.7     | 11.5              | 29.1   | 14.9     | 14.2     | 29.0   | 14.7     | 14.3                | 28.4   | 14.6     | 13.8              | 26.6   | 13.7     | 12.9        | 30.8   | 15.8     | 15.0 |

8.—Reported death-rate by sex and natural divisions.

| Year. | Number of deaths per 1,000 of total population (Census of 1911). |          |      |          |          |      |                   |          |      |          |          |      |                     |          |      |                   |          |      |             |          |      |
|-------|------------------------------------------------------------------|----------|------|----------|----------|------|-------------------|----------|------|----------|----------|------|---------------------|----------|------|-------------------|----------|------|-------------|----------|------|
|       | Province.                                                        |          |      | Agency.  |          |      | East Coast North. |          |      | Deccan.  |          |      | East Coast Central. |          |      | East Coast South. |          |      | West Coast. |          |      |
|       | Persons.                                                         |          |      | Persons. |          |      | Persons.          |          |      | Persons. |          |      | Persons.            |          |      | Persons.          |          |      | Persons.    |          |      |
|       | Males.                                                           | Females. |      | Males.   | Females. |      | Males.            | Females. |      | Males.   | Females. |      | Males.              | Females. |      | Males.            | Females. |      | Males.      | Females. |      |
| 1     | 2                                                                | 3        | 4    | 5        | 6        | 7    | 8                 | 9        | 10   | 11       | 12       | 13   | 14                  | 15       | 16   | 17                | 18       | 19   | 20          | 21       | 22   |
| 1911  | 23.1                                                             | 24.0     | 22.3 | 23.1     | 14.6     | 13.5 | 19.7              | 10.2     | 9.5  | 27.4     | 14.2     | 13.2 | 22.8                | 11.5     | 11.3 | 24.8              | 12.6     | 12.2 | 24.9        | 12.8     | 12.1 |
| 1912  | 24.3                                                             | 25.2     | 23.5 | 23.1     | 14.6     | 13.5 | 22.1              | 11.3     | 10.8 | 30.5     | 15.8     | 14.7 | 23.6                | 12.0     | 11.6 | 23.0              | 11.6     | 11.4 | 29.4        | 15.2     | 14.2 |
| 1913  | 21.4                                                             | 22.2     | 20.7 | 14.8     | 7.9      | 6.9  | 18.8              | 9.7      | 9.1  | 21.5     | 11.1     | 10.4 | 21.6                | 10.9     | 10.7 | 22.4              | 11.3     | 11.1 | 25.5        | 13.1     | 12.4 |
| 1914  | 24.9                                                             | 25.7     | 24.2 | 23.8     | 12.3     | 11.5 | 24.2              | 12.4     | 11.8 | 31.1     | 15.8     | 15.3 | 24.6                | 12.4     | 12.2 | 23.3              | 11.7     | 11.6 | 26.0        | 13.3     | 12.7 |
| 1915  | 22.0                                                             | 22.6     | 21.4 | 26.9     | 14.1     | 12.8 | 22.7              | 11.6     | 11.1 | 21.6     | 11.1     | 10.5 | 22.3                | 11.2     | 11.1 | 21.6              | 10.8     | 10.8 | 20.8        | 10.6     | 10.2 |
| 1916  | 21.9                                                             | 22.6     | 21.2 | 23.5     | 12.0     | 11.5 | 21.7              | 11.1     | 10.6 | 23.3     | 12.0     | 11.3 | 23.2                | 11.7     | 11.5 | 20.1              | 10.0     | 10.1 | 22.3        | 11.4     | 10.9 |
| 1917  | 26.2                                                             | 27.1     | 25.4 | 34.2     | 17.6     | 16.6 | 24.3              | 12.4     | 11.9 | 36.8     | 18.9     | 17.9 | 28.0                | 14.1     | 13.9 | 22.7              | 11.4     | 11.3 | 24.8        | 12.7     | 12.1 |
| 1918  | 43.1                                                             | 43.2     | 42.9 | 44.0     | 23.0     | 21.0 | 30.1              | 15.1     | 15.0 | 75.9     | 37.1     | 38.8 | 44.4                | 21.9     | 22.5 | 35.3              | 17.3     | 18.0 | 34.4        | 17.0     | 17.4 |
| 1919  | 27.2                                                             | 29.0     | 26.5 | 36.8     | 19.4     | 17.4 | 27.8              | 14.1     | 13.7 | 21.4     | 11.1     | 10.3 | 26.1                | 13.3     | 12.8 | 24.2              | 12.1     | 12.1 | 40.5        | 20.0     | 20.5 |
| 1920  | 21.8                                                             | 22.4     | 21.3 | 20.6     | 10.7     | 9.9  | 21.8              | 11.0     | 10.8 | 20.1     | 10.2     | 9.9  | 21.6                | 11.0     | 10.6 | 22.4              | 11.2     | 11.2 | 23.3        | 11.8     | 11.5 |

9.—Reported death-rate by sex and age during the decade per mille living at same age according to the Census of 1911.

| Age.           | Average of decade. |          | 1911.    |          | 1912.    |          | 1913.    |          | 1914.    |          | 1915.    |          | 1916.    |          | 1917.    |          | 1918.    |          | 1919.    |          | 1920.    |          |
|----------------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                | Persons.           |          | Persons. |          | Persons. |          | Persons. |          | Persons. |          | Persons. |          | Persons. |          | Persons. |          | Persons. |          | Persons. |          | Persons. |          |
|                | Males.             | Females. | Males.   | Females. | Males.   | Females. | Males.   | Females. | Males.   | Females. | Males.   | Females. | Males.   | Females. | Males.   | Females. | Males.   | Females. | Males.   | Females. | Males.   | Females. |
| All ages:      | 26.3               | 24.9     | 24.0     | 22.3     | 25.2     | 23.5     | 22.2     | 20.7     | 25.7     | 24.2     | 22.6     | 21.4     | 22.6     | 21.2     | 27.1     | 25.4     | 43.2     | 42.9     | 28.0     | 26.5     | 22.4     | 21.3     |
| Under year 1-5 | 218.6              | 186.0    | 211.9    | 179.4    | 224.3    | 188.3    | 219.6    | 184.1    | 248.4    | 208.8    | 218.6    | 186.9    | 225.5    | 188.4    | 235.7    | 201.3    | 246.7    | 216.2    | 183.1    | 159.5    | 172.6    | 146.4    |
| 5-10           | 11.0               | 10.6     | 9.8      | 9.3      | 10.6     | 9.8      | 8.1      | 7.6      | 10.7     | 10.0     | 8.2      | 7.9      | 8.0      | 7.6      | 11.5     | 10.8     | 21.3     | 21.7     | 13.0     | 12.5     | 9.1      | 8.9      |
| 10-15          | 7.7                | 8.0      | 6.9      | 6.9      | 7.3      | 7.1      | 5.5      | 5.6      | 7.0      | 7.0      | 5.7      | 5.8      | 5.3      | 5.4      | 7.8      | 7.9      | 16.7     | 18.7     | 9.0      | 9.2      | 6.2      | 6.4      |
| 15-20          | 11.2               | 14.0     | 9.6      | 11.7     | 10.2     | 12.7     | 7.8      | 10.3     | 9.7      | 12.4     | 8.1      | 10.8     | 7.4      | 9.8      | 10.2     | 12.6     | 27.6     | 34.7     | 12.6     | 14.8     | 8.5      | 10.6     |
| 20-30          | 13.1               | 14.6     | 10.9     | 11.6     | 11.5     | 12.4     | 9.2      | 10.5     | 10.9     | 12.2     | 9.4      | 10.5     | 8.8      | 10.1     | 11.5     | 12.9     | 33.3     | 37.5     | 15.1     | 16.2     | 10.4     | 11.9     |
| 30-40          | 15.9               | 14.8     | 13.9     | 12.4     | 14.7     | 13.4     | 11.7     | 11.0     | 13.4     | 12.6     | 11.8     | 10.9     | 11.2     | 10.5     | 14.4     | 13.8     | 35.6     | 33.8     | 18.7     | 17.6     | 13.4     | 12.7     |
| 40-50          | 20.1               | 16.2     | 18.9     | 14.6     | 19.5     | 15.3     | 15.9     | 12.4     | 17.6     | 14.2     | 16.1     | 12.8     | 16.0     | 12.5     | 19.9     | 16.0     | 37.0     | 31.1     | 23.1     | 18.9     | 17.4     | 14.1     |
| 50-60          | 31.3               | 26.3     | 29.8     | 24.6     | 30.4     | 25.3     | 25.7     | 21.2     | 28.3     | 23.8     | 26.6     | 22.2     | 26.2     | 21.0     | 32.6     | 27.1     | 49.2     | 43.5     | 35.6     | 29.0     | 28.8     | 23.8     |
| 60 and over.   | 75.3               | 73.0     | 70.2     | 68.6     | 70.9     | 69.0     | 64.2     | 62.0     | 70.1     | 65.7     | 70.0     | 67.8     | 70.7     | 68.2     | 82.8     | 79.1     | 97.7     | 94.9     | 85.6     | 81.0     | 71.0     | 71.4     |

10.—Reported deaths from certain diseases per mille of each sex.

| Year.                    | Whole province.          |         |          |                              |          |        | Actual number of deaths in |        |                   |         |          |         |                     |         |                   |        |             |        |  |  |
|--------------------------|--------------------------|---------|----------|------------------------------|----------|--------|----------------------------|--------|-------------------|---------|----------|---------|---------------------|---------|-------------------|--------|-------------|--------|--|--|
|                          | Actual number of deaths. |         |          | Ratio per mille of each sex. |          |        | Agency.                    |        | East Coast North. |         | Deccan.  |         | East Coast Central. |         | East Coast South. |        | West Coast. |        |  |  |
|                          | Total.                   | Males.  | Females. | Males.                       | Females. | Males. | Females.                   | Males. | Females.          | Males.  | Females. | Males.  | Females.            | Males.  | Females.          | Males. | Females.    |        |  |  |
|                          |                          |         |          |                              |          |        |                            |        |                   |         |          |         |                     |         |                   |        |             |        |  |  |
| 1                        | 2                        | 3       | 4        | 5                            | 6        | 7      | 8                          | 9      | 10                | 11      | 12       | 13      | 14                  | 15      | 16                | 17     | 18          |        |  |  |
| Cholera.                 | 1911 ...                 | 58,174  | 30,996   | 27,178                       | 1.6      | 1.3    | 144                        | 132    | 8,097             | 7,150   | 496      | 518     | 6,424               | 5,805   | 15,272            | 12,989 | 563         | 584    |  |  |
|                          | 1912 ...                 | 92,497  | 48,424   | 44,073                       | 2.5      | 2.2    | 144                        | 132    | 11,728            | 11,229  | 11,312   | 9,801   | 12,493              | 11,382  | 11,168            | 9,896  | 1,579       | 1,633  |  |  |
|                          | 1913 ...                 | 37,730  | 19,854   | 17,879                       | 1.0      | 0.9    | ...                        | 3      | 874               | 728     | 3,880    | 3,285   | 5,490               | 4,729   | 7,402             | 6,639  | 2,208       | 2,494  |  |  |
|                          | 1914 ...                 | 63,449  | 35,933   | 32,516                       | 1.8      | 1.6    | 180                        | 159    | 7,602             | 7,020   | 7,442    | 6,652   | 10,353              | 9,501   | 9,767             | 8,598  | 589         | 586    |  |  |
|                          | 1915 ...                 | 30,098  | 16,232   | 13,866                       | 0.8      | 0.7    | 6                          | 6      | 1,497             | 1,166   | 971      | 880     | 6,450               | 4,734   | 7,976             | 6,726  | 332         | 354    |  |  |
|                          | 1916 ...                 | 16,735  | 8,813    | 7,922                        | 0.4      | 0.4    | 14                         | 6      | 2,882             | 2,740   | 846      | 780     | 2,585               | 2,302   | 2,463             | 2,054  | 23          | 40     |  |  |
|                          | 1917 ...                 | 58,939  | 30,785   | 28,154                       | 1.6      | 1.4    | 703                        | 695    | 9,181             | 8,635   | 4,886    | 4,283   | 7,613               | 6,767   | 7,973             | 7,315  | 429         | 459    |  |  |
|                          | 1918 ...                 | 122,263 | 64,139   | 58,124                       | 3.3      | 2.9    | 96                         | 79     | 16,295            | 14,652  | 9,843    | 8,389   | 18,928              | 17,393  | 16,382            | 14,556 | 2,597       | 3,055  |  |  |
|                          | 1919 ...                 | 93,262  | 47,491   | 45,771                       | 2.4      | 2.3    | 111                        | 87     | 12,068            | 11,076  | 2,814    | 2,509   | 14,338              | 12,722  | 7,626             | 6,443  | 10,534      | 12,924 |  |  |
| 1920 ...                 | 31,139                   | 16,587  | 14,552   | 0.8                          | 0.7      | 40     | 24                         | 3,791  | 3,557             | 201     | 150      | 5,827   | 4,858               | 6,325   | 5,468             | 403    | 495         |        |  |  |
| Smallpox.                | 1911 ...                 | 23,817  | 11,992   | 11,825                       | 0.6      | 0.6    | 89                         | 73     | 1,764             | 1,747   | 590      | 608     | 3,518               | 3,404   | 4,363             | 4,295  | 1,668       | 1,698  |  |  |
|                          | 1912 ...                 | 16,094  | 8,364    | 7,730                        | 0.4      | 0.4    | 89                         | 73     | 1,375             | 1,313   | 691      | 602     | 3,596               | 3,326   | 2,121             | 1,924  | 492         | 492    |  |  |
|                          | 1913 ...                 | 14,802  | 7,479    | 7,323                        | 0.4      | 0.4    | 11                         | 11     | 1,292             | 1,254   | 862      | 839     | 3,474               | 3,433   | 1,499             | 1,467  | 341         | 319    |  |  |
|                          | 1914 ...                 | 27,889  | 14,350   | 13,539                       | 0.7      | 0.7    | 39                         | 38     | 3,000             | 2,930   | 5,072    | 5,101   | 3,436               | 3,142   | 2,302             | 2,134  | 501         | 414    |  |  |
|                          | 1915 ...                 | 24,038  | 12,323   | 11,715                       | 0.6      | 0.6    | 308                        | 238    | 6,069             | 5,748   | 1,182    | 1,112   | 2,632               | 2,543   | 1,857             | 1,809  | 275         | 265    |  |  |
|                          | 1916 ...                 | 21,903  | 11,146   | 10,757                       | 0.6      | 0.5    | 16                         | 20     | 2,966             | 2,928   | 667      | 573     | 4,903               | 4,670   | 2,055             | 2,036  | 534         | 530    |  |  |
|                          | 1917 ...                 | 34,958  | 17,871   | 17,087                       | 0.9      | 0.8    | 22                         | 13     | 3,640             | 3,348   | 874      | 818     | 7,740               | 7,567   | 4,124             | 3,842  | 1,471       | 1,469  |  |  |
|                          | 1918 ...                 | 58,752  | 30,015   | 28,737                       | 1.5      | 1.4    | 61                         | 38     | 8,225             | 7,569   | 1,428    | 1,391   | 8,844               | 8,296   | 8,609             | 8,449  | 2,848       | 2,994  |  |  |
|                          | 1919 ...                 | 41,732  | 21,513   | 20,219                       | 1.1      | 1.0    | 138                        | 141    | 5,493             | 5,318   | 2,178    | 2,033   | 5,920               | 5,287   | 4,083             | 3,967  | 3,701       | 3,473  |  |  |
| 1920 ...                 | 18,697                   | 7,197   | 6,500    | 0.4                          | 0.3      | 115    | 86                         | 1,702  | 1,551             | 1,056   | 1,051    | 2,292   | 1,904               | 1,412   | 1,241             | 620    | 667         |        |  |  |
| Favus.                   | 1911 ...                 | 298,688 | 151,392  | 147,296                      | 7.6      | 7.2    | 1,980                      | 1,890  | 61,837            | 59,124  | 18,713   | 16,964  | 26,838              | 27,135  | 23,393            | 23,709 | 18,571      | 18,474 |  |  |
|                          | 1912 ...                 | 306,471 | 155,493  | 150,978                      | 7.8      | 7.4    | 1,980                      | 1,890  | 66,118            | 64,570  | 17,409   | 16,392  | 24,298              | 24,090  | 23,053            | 23,305 | 22,635      | 20,722 |  |  |
|                          | 1913 ...                 | 268,024 | 135,858  | 132,166                      | 6.9      | 6.5    | 1,132                      | 973    | 59,054            | 56,226  | 11,770   | 11,119  | 23,669              | 23,983  | 22,162            | 22,482 | 18,071      | 17,383 |  |  |
|                          | 1914 ...                 | 307,620 | 154,574  | 153,046                      | 7.9      | 7.5    | 1,562                      | 1,509  | 71,582            | 70,245  | 15,232   | 14,855  | 25,997              | 25,463  | 22,729            | 22,895 | 18,372      | 18,076 |  |  |
|                          | 1915 ...                 | 290,228 | 146,502  | 143,726                      | 7.4      | 7.1    | 1,758                      | 1,648  | 70,536            | 68,769  | 14,302   | 13,638  | 23,409              | 23,441  | 21,315            | 21,643 | 15,182      | 14,587 |  |  |
|                          | 1916 ...                 | 292,491 | 148,079  | 144,412                      | 7.5      | 7.1    | 1,605                      | 1,593  | 67,174            | 65,254  | 17,244   | 16,475  | 23,783              | 23,644  | 21,691            | 21,483 | 16,542      | 15,963 |  |  |
|                          | 1917 ...                 | 321,902 | 162,343  | 159,559                      | 8.2      | 7.9    | 1,922                      | 1,830  | 66,944            | 65,147  | 24,960   | 23,929  | 29,043              | 29,212  | 21,897            | 22,310 | 17,577      | 17,131 |  |  |
|                          | 1918 ...                 | 896,888 | 433,056  | 463,332                      | 22.0     | 22.8   | 3,584                      | 3,428  | 132,203           | 137,497 | 91,347   | 100,187 | 111,736             | 119,907 | 60,906            | 66,894 | 33,280      | 35,419 |  |  |
|                          | 1919 ...                 | 403,499 | 201,699  | 201,800                      | 10.2     | 9.9    | 2,965                      | 2,757  | 86,717            | 86,968  | 15,823   | 14,269  | 37,052              | 36,552  | 30,111            | 31,436 | 29,031      | 29,798 |  |  |
| 1920 ...                 | 324,988                  | 162,423 | 162,575  | 8.2                          | 8.0      | 1,468  | 1,380                      | 69,036 | 69,376            | 16,765  | 16,375   | 31,283  | 30,890              | 24,179  | 24,741            | 19,712 | 19,813      |        |  |  |
| Dysentery and Diarrhoea. | 1911 ...                 | 64,389  | 33,166   | 31,223                       | 1.7      | 1.5    | 107                        | 91     | 4,635             | 4,051   | 2,305    | 2,121   | 12,702              | 12,623  | 7,059             | 6,571  | 6,358       | 5,766  |  |  |
|                          | 1912 ...                 | 71,913  | 37,169   | 34,744                       | 1.9      | 1.7    | 107                        | 91     | 4,912             | 4,325   | 2,454    | 2,282   | 13,432              | 13,172  | 6,856             | 6,502  | 9,408       | 8,372  |  |  |
|                          | 1913 ...                 | 65,711  | 33,860   | 31,951                       | 1.7      | 1.6    | 49                         | 38     | 4,253             | 4,014   | 1,799    | 1,627   | 13,079              | 12,739  | 6,314             | 6,086  | 8,366       | 7,347  |  |  |
|                          | 1914 ...                 | 75,990  | 38,952   | 37,038                       | 2.0      | 1.8    | 76                         | 57     | 6,141             | 5,424   | 2,802    | 2,480   | 15,286              | 14,975  | 7,105             | 6,909  | 7,542       | 7,193  |  |  |
|                          | 1915 ...                 | 61,057  | 31,114   | 29,943                       | 1.6      | 1.5    | 105                        | 73     | 4,374             | 3,893   | 2,071    | 1,917   | 13,396              | 13,115  | 6,157             | 6,055  | 5,011       | 4,890  |  |  |
|                          | 1916 ...                 | 58,444  | 29,818   | 28,626                       | 1.5      | 1.4    | 67                         | 73     | 5,436             | 4,953   | 2,115    | 1,927   | 12,095              | 11,797  | 4,830             | 4,791  | 5,275       | 5,085  |  |  |
|                          | 1917 ...                 | 73,991  | 37,700   | 35,694                       | 1.9      | 1.8    | 137                        | 125    | 7,477             | 6,714   | 2,714    | 2,495   | 15,084              | 14,563  | 5,978             | 5,808  | 6,310       | 5,989  |  |  |
|                          | 1918 ...                 | 79,941  | 40,306   | 39,535                       | 2.0      | 1.9    | 151                        | 156    | 7,255             | 6,820   | 2,762    | 2,412   | 17,576              | 17,558  | 6,323             | 6,321  | 6,239       | 6,238  |  |  |
|                          | 1919 ...                 | 74,074  | 37,679   | 36,395                       | 1.9      | 1.8    | 165                        | 120    | 4,854             | 4,280   | 1,584    | 1,416   | 14,126              | 13,446  | 5,683             | 5,384  | 11,267      | 11,769 |  |  |
| 1920 ...                 | 56,402                   | 28,796  | 27,608   | 1.5                          | 1.4      | 113    | 85                         | 4,016  | 3,653             | 1,287   | 1,180    | 11,997  | 11,625              | 5,688   | 5,488             | 5,695  | 5,575       |        |  |  |
| Plague.                  | 1911 ...                 | 15,185  | 8,060    | 7,125                        | 0.4      | 0.3    | ...                        | ...    | 9                 | 4       | 5,274    | 4,515   | 2,421               | 2,316   | 153               | 119    | 203         | 172    |  |  |
|                          | 1912 ...                 | 6,651   | 3,368    | 3,283                        | 0.2      | 0.2    | ...                        | ...    | 12                | 6       | 1,345    | 1,265   | 1,780               | 1,784   | 3                 | ...    | 228         | 228    |  |  |
|                          | 1913 ...                 | 5,130   | 2,640    | 2,490                        | 0.1      | 0.1    | ...                        | ...    | 2                 | ...     | 443      | 332     | 1,978               | 1,948   | 21                | 29     | 196         | 181    |  |  |
|                          | 1914 ...                 | 5,102   | 2,426    | 2,676                        | 0.1      | 0.1    | ...                        | ...    | ...               | ...     | 830      | 778     | 1,435               | 1,735   | 88                | 90     | 73          | 73     |  |  |
|                          | 1915 ...                 | 3,889   | 1,903    | 1,986                        | 0.1      | 0.1    | ...                        | ...    | 2                 | ...     | 671      | 714     | 1,012               | 1,106   | 73                | 78     | 115         | 88     |  |  |
|                          | 1916 ...                 | 11,498  | 5,663    | 5,835                        | 0.3      | 0.3    | ...                        | ...    | 3                 | ...     | 770      | 731     | 4,559               | 4,787   | 208               | 222    | 123         | 95     |  |  |
|                          | 1917 ...                 | 24,708  | 12,920   | 11,788                       | 0.7      | 0.8    | ...                        | ...    | 34                | 41      | 8,360    | 7,505   | 3,772               | 4,025   | 51                | 56     | 203         | 161    |  |  |
|                          | 1918 ...                 | 12,859  | 6,765    | 6,094                        | 0.3      | 0.3    | ...                        | ...    | 424               | 492     | 4,287    | 3,434   | 1,859               | 1,696   | 6                 | 13     | 189         | 159    |  |  |
|                          | 1919 ...                 | 5,653   | 2,782    | 2,876                        | 0.1      | 0.1    | ...                        | ...    | 247               | 239     | 940      | 933     | 1,206               | 1,245   | 311               | 410    | 78          | 49     |  |  |
| 1920 ...                 | 14,632                   | 7,001   | 7,651    | 0.4                          | 0.4      | ...    | ...                        | 8      | 6                 | 1,215   | 1,272    | 2,900   | 3,006               | 2,840   | 3,335             | 38     | 32          |        |  |  |



## CHAPTER VI.—SEX.

## Reference to statistics

THE distribution of the population by sex is maintained in all the census tables. In Imperial Table I is exhibited the sex distribution of the population by districts and states; and the figures for taluks are contained in Provincial Table I. Attached to this chapter are six subsidiary tables containing comparative and proportionate figures drawn from the census tables and from the records of vital statistics; subsidiary table 1 gives the general proportion of the sexes by natural divisions and districts at each of the last four censuses. Table 2 compares the sex proportions at different age-periods by religion for the last four censuses. Table 3 shows the sex proportion at different age-periods by religions and natural divisions. Tables 4 and 4-A show the sex distribution in certain selected castes. Table 5 gives the actual number of births and deaths reported for each sex during the last twenty years, and table 6 shows the number of deaths of each sex at different ages.

## Sex proportion at successive censuses

| 2. Of the 42,794,155 persons enumerated in the Madras Presidency in 1921, 21,100,158 were males and 21,693,997 were females. There was thus an excess of 593,839 females over males. The number of females to 1,000 males at each successive census was as shown in the margin. From 1881 to 1911 there was a steady rise in the proportion of females; but during the last decade there has been a slight set-back, the proportion having fallen from 1,032 to 1,028. |     |     |     |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| Number of females to 1,000 males.                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |     |     |       |
| 1871                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ... | ... | ... | 890   |
| 1881                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ... | ... | ... | 1,021 |
| 1891                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ... | ... | ... | 1,023 |
| 1901                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ... | ... | ... | 1,029 |
| 1911                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ... | ... | ... | 1,032 |
| 1921                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ... | ... | ... | 1,028 |

3. In respect of the preponderance of females the population of Madras differs from that of India as a whole and from that of most of the bigger provinces of India, where males predominate. But in every province, except the Punjab, there has, during the past decade, been a marked fall in the proportion of females in the population.

| Number of females to 1,000 males. |       |       |       |       |
|-----------------------------------|-------|-------|-------|-------|
|                                   | 1921. | 1911. |       |       |
| India                             | ...   | ...   | 945   | 954   |
| Bengal                            | ...   | ...   | 933   | 945   |
| Bombay                            | ...   | ...   | 901   | 933   |
| Burma                             | ...   | ...   | 955   | 959   |
| Central Provinces                 | ...   | ...   | 1,001 | 1,008 |
| Bihar and Orissa                  | ...   | ...   | 1,022 | 1,043 |
| Punjab                            | ...   | ...   | 830   | 817   |
| United Provinces                  | ...   | ...   | 912   | 917   |

## Sex proportion in districts

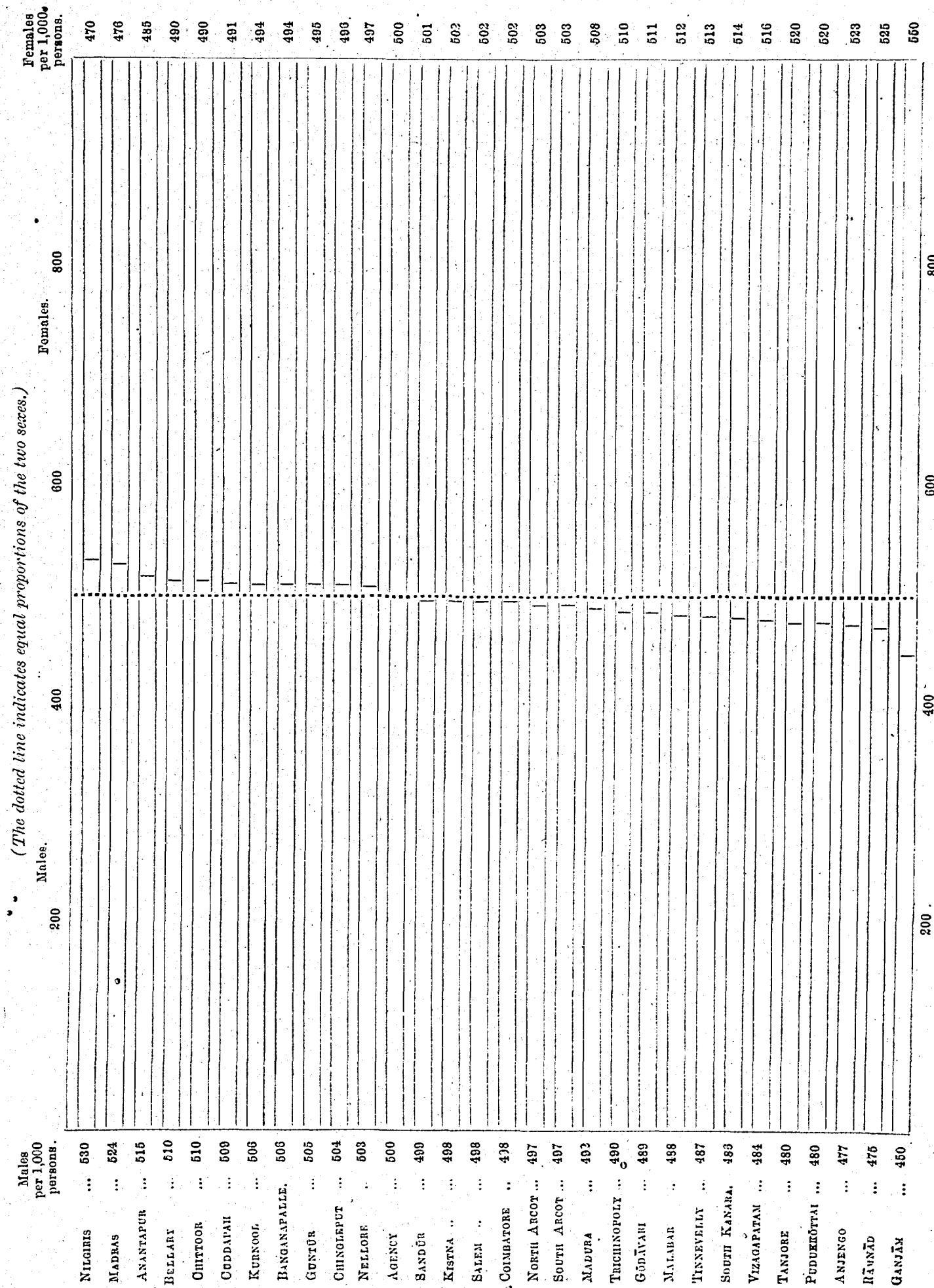
4. The map shows the sex proportion of the population in each district of the Presidency, which is also illustrated by the accompanying diagram. The proportion of females to 1,000 males varies from 888 in the Nilgiris to 1,220 in Ganjam. Females generally predominate in the north and in the south (both East and West Coasts), while males are in excess in the Deccan division and in the adjoining districts of the East Coast North and East Coast Central divisions.

## Actual and natural population

5. The diagram and the map are based on the population actually enumerated in each district. To ascertain the true sex proportion it is necessary to eliminate the effect of migration. The sex proportions of the natural population of each natural division and district (i.e., the number of persons born in each district, irrespective of where they were enumerated) is given in columns 6 to 9 of subsidiary table 1. There are only four districts in which the elimination of the effects of migration converts an excess of females into a defect or vice versa. We have, however, already seen in Chapter III that the figures shown under the natural population are far from complete so far as districts are concerned; for returns have not been

| Number of females to 1,000 males. |                    |                     |       |       |
|-----------------------------------|--------------------|---------------------|-------|-------|
|                                   | Actual population. | Natural population. |       |       |
| Agency                            | ...                | ...                 | 998   | 1,050 |
| Kistna                            | ...                | ...                 | 1,007 | 999   |
| Sandur                            | ...                | ...                 | 1,005 | 898   |
| Anjengo                           | ...                | ...                 | 1,036 | 943   |

## SEX PROPORTION IN DISTRICTS PER 1,000 PERSONS, 1921.





received completely for persons enumerated in countries beyond India; and for the 814,000 persons for whom reports have come, information regarding the district of birth has not been furnished in any case. Accordingly it is only possible to claim these persons as part of the natural population of the Presidency; they cannot be assigned to the district to which they belong. It is useless to base conclusions on figures so incomplete as this; and in the discussions in this chapter the figures used will always be those of the actual population.

#### Variation in proportion of females

6. Subsidiary table 1 shows that only in the seven districts mentioned is there an increase in the proportion of females to 1,000 males. In the case of the first four districts this variation is undoubtedly due to emigration to Assam and to

| Number of females to 1,000 males. |       |       |  |  |
|-----------------------------------|-------|-------|--|--|
|                                   | 1921. | 1911. |  |  |
| Agency ...                        | 998   | 993   |  |  |
| Ganjām ...                        | 1,220 | 1,128 |  |  |
| Vizagapatam ...                   | 1,066 | 1,065 |  |  |
| Godāvari ...                      | 1,046 | 1,043 |  |  |
| Nilgiris ...                      | 888   | 868   |  |  |
| Malabar ...                       | 1,051 | 1,034 |  |  |
| Anjengo ...                       | 1,096 | 1,071 |  |  |

Burma, which was greatly stimulated at the close of the decade by the bad season of 1918-19. In Malabar the increase is merely a continuation of a tendency for the proportion of females to increase which has been in existence since 1891. The case is the same in the Nilgiris, where the low proportion of females is due to the presence of a considerable number of imported labourers on tea estates, and the rise in the proportion of females may be attributed to an increase in the number of European settlers, among whom females greatly predominate. The fall in the proportion of females elsewhere can only be attributed to the fall in the proportion of female to male births and the rise in the proportion of female to male deaths which are brought out by columns 11 and 12 of subsidiary table 5. The proportion of female deaths was greatest (1,024.2) in 1918, the worst year of the influenza outbreak, and the proportion of female births was lowest (951) in 1919 and 1920 following the epidemic.

|                                     | 1911-1920. | 1901-1910. |
|-------------------------------------|------------|------------|
| Female births to 1,000 male births. | 955.9      | 958.3      |
| Female deaths to 1,000 male deaths. | 979.0      | 961.2      |

#### Sex proportion at different ages

7. In Madras as in India generally and in all countries of the world more males are born than females. In the first year of life, however, the number of male deaths greatly exceeds the number of female deaths, so that at all ages up to 10 females are in excess in the population. Subsidiary table 3 shows that to this general rule (deduced from column 1 of subsidiary table 2) the Agency and the West Coast are exceptions. The Agency figures look as if they were due to bad enumeration; it is not likely that there can be an excess of females at ages 0-1, 2-3, 3-4, and a very great deficiency at ages 1-2, 4-5 and 5-10. The West Coast figures are due to the deficiency of females at all ages 0-15 among Muhammadans. There is a tendency among Muhammadans in all natural divisions except the East Coast North to show a deficiency of females at one or more age-periods below 10; but on the West Coast Muhammadan males are in excess at all ages up to 15. It rather looks as if this were due to faulty enumeration—failure to enter female children on the census record. The deficiency of females at ages 10-15 and 15-20 is probably due partly to misstatements of age and partly to the high death-rate at the beginning of the reproductive period. The excess of females in the later age-periods is due mainly to the emigration of the males; for example, among Muhammadans, who do not emigrate in large numbers except from the districts of the East Coast South division, it is only in that division that females are in excess at the later age-periods.

#### Proportion of sexes in different religions and castes

8. Coming now to the differences in the sex proportion in the different religions we find that it is only among Animists and Jains that females are short. The position has been the same at each of the last four censuses. In the case of Jains the explanation is that many of them are immigrants from other provinces who merely come on

|               |       |
|---------------|-------|
| Hindu ...     | 1,029 |
| Musalman ...  | 1,023 |
| Christian ... | 1,020 |
| Animistic ... | 986   |
| Jain ...      | 877   |

business visits, and do not bring their women with them. In the case of Animists it is noteworthy that in the Central Provinces and in Bihar and Orissa where are found Animistic tribes akin to those of Madras the proportion of females to males among Animists is 1,051 and 1,033 as against 996 in Madras. It is not clear why the Animistic tribes of Madras should differ thus from their brothers in the adjoining provinces. Coming to the castes for which the sex distribution is given in subsidiary table 4-A it is impossible to find any consistent principle regulating the proportion of females to males. Among Brāhmans, three linguistic divisions show males in excess, and the rest show females. Of the depressed classes, all except Mādigas show females in excess, while Mādigas have more males.

In other parts of India, it has been remarked that racial or quasi-racial factors influence the sex distribution. Thus in 1911 in the Central Provinces it was seen that the lower and Dravidian castes had an excess of females. No such tendency is noticeable in Madras where as a rule the aboriginal tribes show an excess of males (probably due in the main to defective enumeration), and other castes for no apparent reason disclose great variations.

9. If the factor of migration be eliminated, the proportion of the sexes is of

|                        | Females per 1,000 males. | Female births per 1,000 male births. | Female deaths per 1,000 male deaths. |
|------------------------|--------------------------|--------------------------------------|--------------------------------------|
| Madras Presidency ...  | 1,028                    | 956                                  | 979                                  |
| Agency ...             | 998                      | 961                                  | 921                                  |
| East Coast North ...   | 1,051                    | 953                                  | 964                                  |
| Deccan ...             | 960                      | 970                                  | 969                                  |
| East Coast Central ... | 997                      | 958                                  | 985                                  |
| East Coast South ...   | 1,063                    | 951                                  | 997                                  |
| West Coast ...         | 1,048                    | 956                                  | 974                                  |

course regulated by the birth and death-rates. In the decade 1901-1910 the number of females born per 1,000 males was 958; in 1911-1920 it was 956. The corresponding proportion of female deaths were 961 and 979. The figures for each natural division are given in the margin, and present several unexpected features. It would be natural to find in the division where there are fewest females, a comparatively low female birth-rate and a high death-rate. Here, however, we find the exact opposite. In the Deccan where the proportion of women is lowest, the proportion of female to male births is highest, and the proportion of female deaths is well below the Presidency average. And in the East Coast South division where the proportion of women is greatest, the comparative birth-rate is the lowest and the death-rate the highest of all. These figures make it quite clear that to a cause outside the vital statistics we should look for an explanation of the distribution of the sexes.

10. The accompanying diagram shows the sex proportion in the 17 cities of Madras. In the population of these cities together there are 962 females to 1,000 males, while in the total urban population of the Presidency the proportion is 1,005. The proportion of males is highest in Bellary, where the male population is swollen by the military element. In Madras and Mangalore the sex proportions are identical—a fact which emphasizes the attraction which the industries and other avocations of a city life exercise on the population of the surrounding country. Of the 17 cities 8 show an excess of males; in Conjeeveram the sexes are exactly equal; and in 8 females are in excess. The preponderance of females is greatest in the three cities of the Tanjore district in which (with the exception of railway workshops at Negapatam) there are no large industries and the population is mainly middle class.

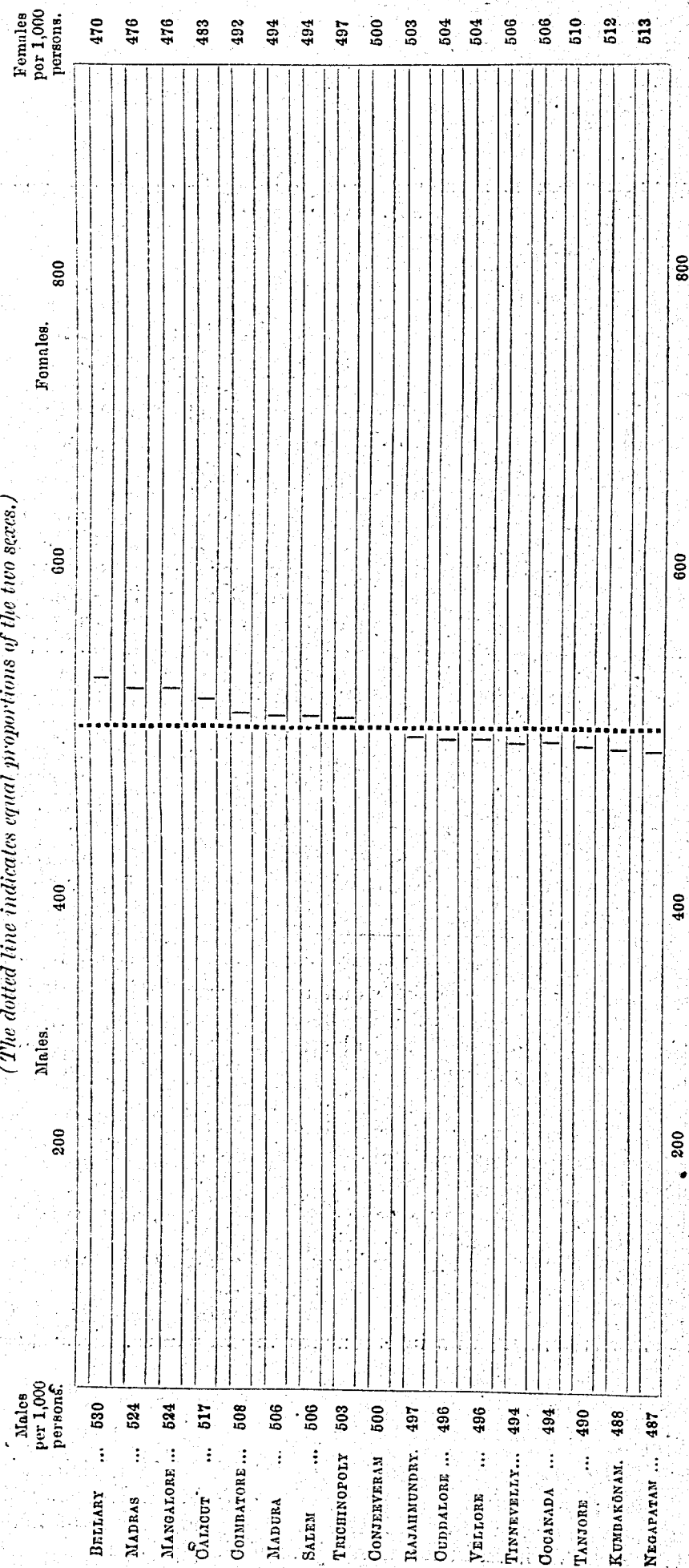
11. For the city of Madras the sex distribution by divisions is shown on the map attached; the proportion varies from 448 in the Harbour division—where all the shipping, etc., naturally gives a great preponderance of males—to 1,014 in the Seven Wells division in the north part of Georgetown.

#### Comparison with vital statistics

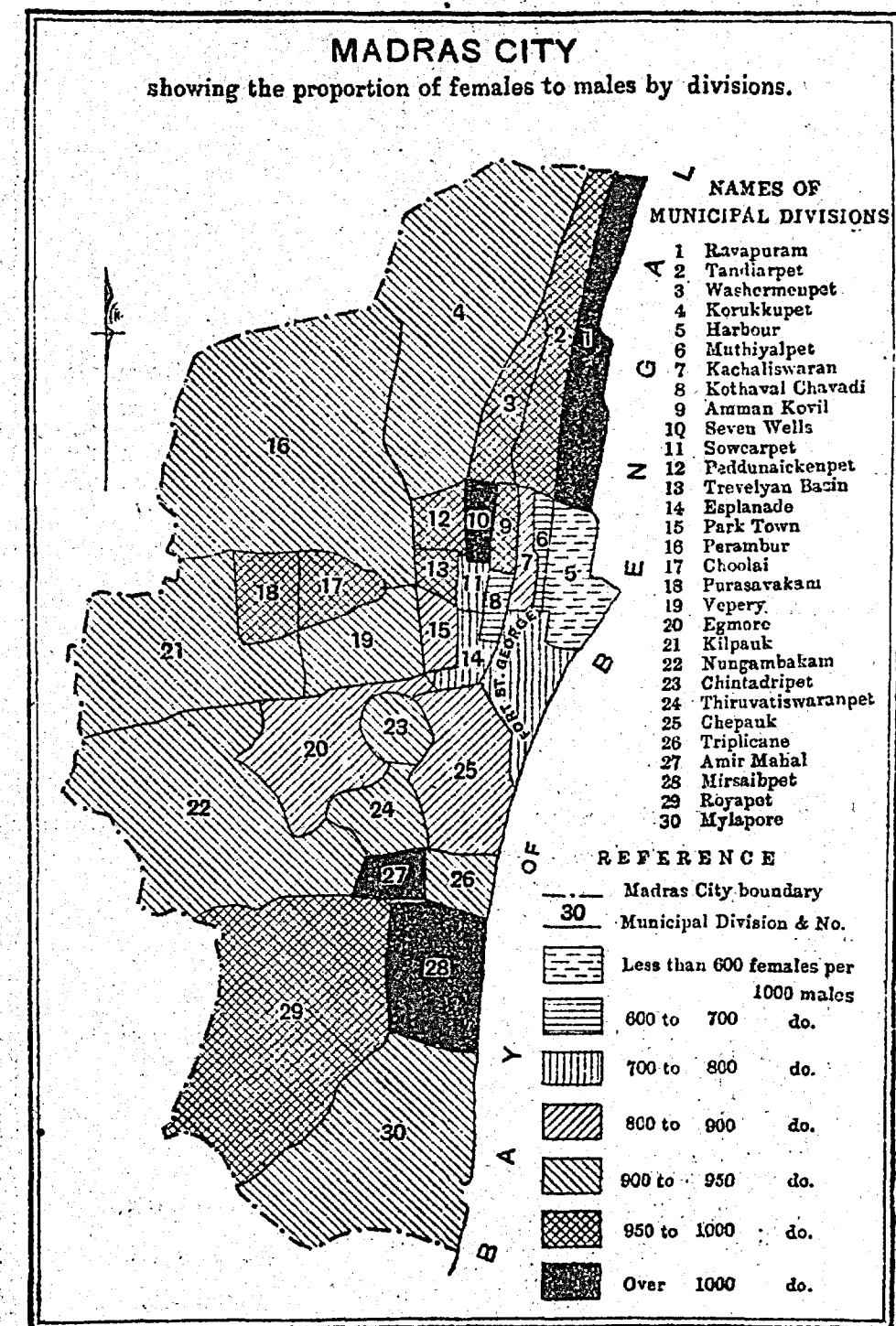
#### Sex proportion in cities

## SEX PROPORTION IN CITIES PER 1,000 PERSONS, 1921.

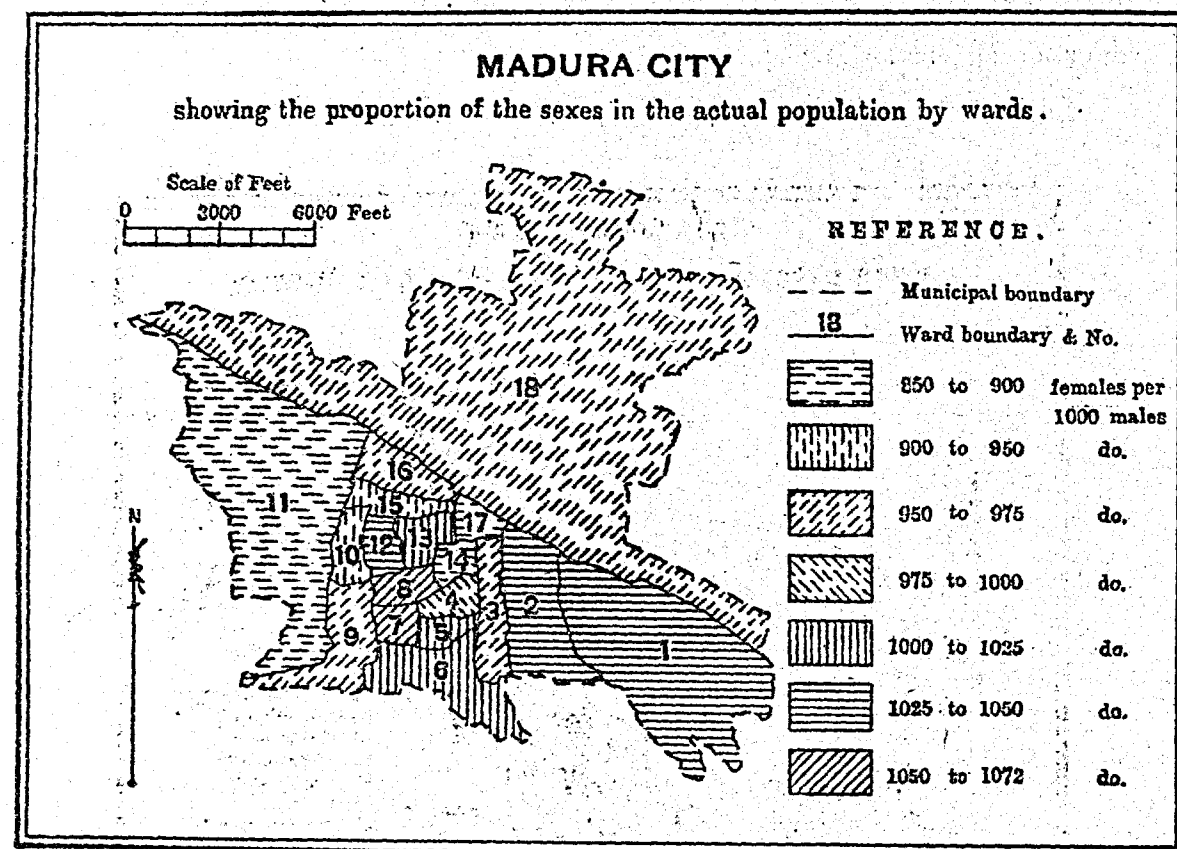
(The dotted line indicates equal proportions of the two sexes.)



The four divisions in which females are in excess are all mainly residential and not industrial or business centres. In the business part of Georgetown the proportion of females is very low.

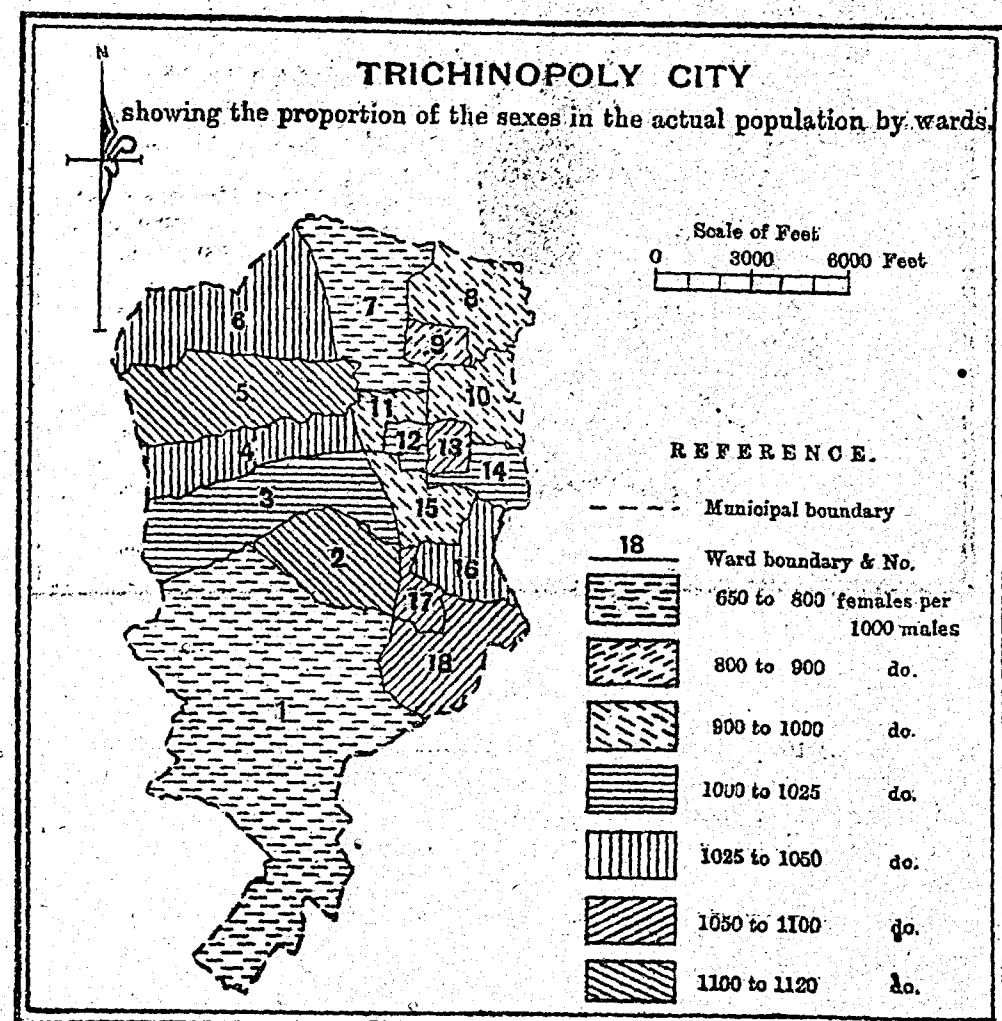


12. The next map shows the sex distribution in the various wards of Madras city. Here the proportion of females to 1,000 males varies from 850 in ward 14 to 1,072 in ward 7. Females are in excess in 8 out of the 18 wards, including wards 7, 8, 12 and 13 in the heart of the city.



Trichinopoly

13. The distribution of the sexes in the city of Trichinopoly is illustrated by the next map; the proportion for the whole city is 988 females to 1,000 males; in the wards it ranges from 686 in ward 7 to 1,120 in ward 5; females are in excess in 11 out of 18 wards.



14. A problem which has exercised Madras Census Superintendents since 1891 is the preponderance of the male sex in the eight districts in the centre of the Presidency. As has been pointed out above, these (with the addition of the

Excess of males in the Deccan, etc., districts

| District.  | Females per 1,000 males in actual population. |       |
|------------|-----------------------------------------------|-------|
|            | 1911.                                         | 1921. |
| Guntur     | 982                                           | 982   |
| Nellore    | 987                                           | 996   |
| Cuddapah   | 964                                           | 969   |
| Kurnool    | 975                                           | 984   |
| Bellary    | 981                                           | 975   |
| Anantapur  | 942                                           | 949   |
| Chingleput | 984                                           | 993   |
| Chittoor   | 960                                           | 968   |

Agency, Madras and the Nilgiris where the conditions are exceptional) are the only districts where males are in excess; and at each census attempts have been made to find something in the circumstances of this tract of country to account for the difference it presents in this respect to the rest of the Presidency. In 1891 the only conclusion reached was that the deficiency of females was not due to an exceptional deficiency of female births. In 1901 the main conclusion was that the deficiency was due to deaths among young girls occasioned by the forcing upon them while still immature of the burden of maternity. The Superintendent of 1911, however, found the explanation of this shortage of females in the fact that these districts "very largely coincide with the famine zone" of the Presidency. The results of the Census of 1921 throw no fresh light on the subject. The relative male and female birth-rates of these districts disprove any contention that comparatively fewer females are born in this tract than elsewhere; and the statistics show that premature marriage is less common here than in the districts of Ganjam and Vizagapatam. As regards famine, the Deccan districts are liable to suffer from scarcity; but during the past decade the district which suffered worst from famine was Ganjam. There the result was to drive the adult males to emigrate to Burma or Assam with the result that in Ganjam at the census the proportion of females was higher than in any other district. It is in fact noteworthy that of the districts with the largest proportion of females, those of the East Coast are districts from which emigration is commonest. The Ceded districts being inland, apparently it does not occur to the inhabitants to escape the discomfort of a famine by emigration.

1.—General proportion of the sexes by natural divisions and districts.

| Province                  | Number of females to 1,000 males in |       |       |       |                     |       |       |       |
|---------------------------|-------------------------------------|-------|-------|-------|---------------------|-------|-------|-------|
|                           | Actual population.                  |       |       |       | Natural population. |       |       |       |
|                           | 1921.                               | 1911. | 1901. | 1891. | 1921.               | 1911. | 1901. | 1891. |
| Agency ... ..             | 998                                 | 993   | 968   | 937   | 1,050               | ...   | ...   | ...   |
| East Coast North ... ..   | 1,051                               | 1,043 | 1,031 | 1,018 | 1,024               | 1,027 | 1,023 | 1,011 |
| Ganjām ... ..             | 1,220                               | 1,126 | 1,113 | 1,079 | 1,140               | 1,104 | 1,089 | 1,053 |
| Vizagapatam ... ..        | 1,066                               | 1,065 | 1,047 | 1,023 | 1,012               | 1,032 | 1,024 | 1,010 |
| Gōdāvari ... ..           | 1,048                               | 1,043 | 1,041 | 1,028 | 1,015               | 1,016 | 1,036 | 1,026 |
| Kistna ... ..             | 1,007                               | 1,008 | 1,005 | 1,002 | 999                 | 1,012 | 980   | 983   |
| Guntūr ... ..             | 982                                 | 982   | 980   | 982   | 982                 | 983   | ...   | ...   |
| Nellore ... ..            | 987                                 | 996   | 988   | 935   | 990                 | 983   | 981   | 982   |
| Deccan ... ..             | 960                                 | 969   | 969   | 966   | 958                 | 967   | 966   | 965   |
| Cuddāpah ... ..           | 964                                 | 969   | 976   | 974   | 952                 | 965   | 972   | 966   |
| Kurnool ... ..            | 975                                 | 984   | 979   | 975   | 954                 | 985   | 976   | 974   |
| Bangānapalle ... ..       | 977                                 | 989   | 988   | 969   | 953                 | 958   | 982   | 969   |
| Bellary ... ..            | 961                                 | 975   | 970   | 962   | 989                 | 976   | 977   | 971   |
| Sandūr ... ..             | 1,005                               | 1,015 | 979   | 991   | 898                 | 912   | 868   | 889   |
| Anantapur ... ..          | 942                                 | 949   | 951   | 952   | 943                 | 949   | 946   | 943   |
| East Coast Central ... .. | 997                                 | 1,008 | 1,011 | 1,011 | 989                 | 1,004 | 1,014 | 1,014 |
| Madras ... ..             | 908                                 | 946   | 984   | 1,004 | 807                 | 967   | 1,035 | 1,050 |
| Chingleput ... ..         | 984                                 | 993   | 984   | 983   | 976                 | 990   | 980   | 981   |
| Chittoor ... ..           | 960                                 | 968   | 974   | 967   | 959                 | 965   | ...   | ...   |
| North Arcot ... ..        | 1,013                               | 1,021 | 1,023 | 1,014 | 1,009               | 1,004 | 999   | 990   |
| Salem ... ..              | 1,009                               | 1,020 | 1,029 | 1,038 | 1,009               | 1,012 | 1,029 | 1,037 |
| Coimbatore ... ..         | 1,007                               | 1,027 | 1,030 | 1,040 | 1,009               | 1,022 | 1,032 | 1,039 |
| South Arcot ... ..        | 1,013                               | 1,014 | 1,014 | 1,008 | 1,011               | 1,017 | 1,018 | 1,007 |
| East Coast South ... ..   | 1,063                               | 1,076 | 1,081 | 1,076 | 1,056               | 1,061 | 1,081 | 1,076 |
| Tanjore ... ..            | 1,083                               | 1,104 | 1,105 | 1,090 | 1,078               | 1,090 | 1,105 | 1,093 |
| Trichinopoly ... ..       | 1,042                               | 1,061 | 1,065 | 1,069 | 1,036               | 1,047 | 1,062 | 1,068 |
| Pudukkottai ... ..        | 1,082                               | 1,095 | 1,104 | 1,097 | 1,051               | 1,060 | 1,076 | 1,063 |
| Madura ... ..             | 1,033                               | 1,042 | 1,046 | 1,047 | 1,030               | 1,025 | 1,092 | 1,088 |
| Rāvnād ... ..             | 1,103                               | 1,109 | 1,117 | 1,111 | 1,095               | 1,111 | ...   | ...   |
| Tinnevely ... ..          | 1,052                               | 1,069 | 1,063 | 1,057 | 1,048               | 1,036 | 1,050 | 1,050 |
| West Coast ... ..         | 1,048                               | 1,038 | 1,030 | 1,024 | 1,029               | 1,019 | 1,033 | 1,034 |
| Nilgiris ... ..           | 888                                 | 868   | 840   | 778   | 968                 | 925   | 966   | 965   |
| Malabar ... ..            | 1,951                               | 1,034 | 1,024 | 1,018 | 1,035               | 1,020 | 1,025 | 1,020 |
| Anjengo ... ..            | 1,096                               | 1,071 | 1,102 | 1,113 | 943                 | 1,048 | ...   | ...   |
| South Kanara ... ..       | 1,057                               | 1,068 | 1,060 | 1,067 | 1,013               | 1,022 | 1,076 | 1,075 |

2.—Number of females per 1,000 males at different age-periods by religions at each of the last four censuses.

| Age.                               | All religions. |       |       |       |       |       |       |       |       |       |       |       | Hindu. |       |       |       | Musulman. |       |       |       | Christian. |       |       |       | Animistic. |       |       |       | Jain. |       |       |  |
|------------------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-----------|-------|-------|-------|------------|-------|-------|-------|------------|-------|-------|-------|-------|-------|-------|--|
|                                    | 1921.          |       | 1911. |       | 1901. |       | 1891. |       | 1921. |       | 1911. |       | 1901.  |       | 1891. |       | 1921.     |       | 1911. |       | 1901.      |       | 1891. |       | 1921.      |       | 1911. |       | 1901. |       | 1891. |  |
|                                    | 2              | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14     | 15    | 16    | 17    | 18        | 19    | 20    | 21    | 22         | 23    | 24    | 25    | 26         | 27    | 28    | 29    | 30    | 31    | 32    |  |
| Total all ages (actual population) | 1,028          | 1,032 | 1,029 | 1,023 | 1,029 | 1,033 | 1,029 | 1,024 | 1,023 | 1,029 | 1,032 | 1,026 | 1,020  | 1,030 | 1,033 | 1,027 | 996       | 989   | 969   | 932   | 877        | 906   | 940   | 941   | 942        | 943   | 944   | 945   | 946   | 947   | 948   |  |
| Total 0-30                         | 1,038          | 1,032 | 1,027 | 1,021 | 1,037 | 1,031 | 1,027 | 1,021 | 1,037 | 1,029 | 1,028 | 1,020 | 1,059  | 1,050 | 1,043 | 1,035 | 1,056     | 1,035 | 1,023 | 968   | 866        | 904   | 925   | 944   | 945        | 946   | 947   | 948   | 949   | 950   | 951   |  |
| 0-1                                | 1,024          | 1,027 | 1,041 | 1,048 | 1,026 | 1,029 | 1,043 | 1,049 | 991   | 1,002 | 1,013 | 1,036 | 1,034  | 1,010 | 1,036 | 1,038 | 1,071     | 1,046 | 1,064 | 1,059 | 1,035      | 1,070 | 1,010 | 945   | 946        | 947   | 948   | 949   | 950   | 951   | 952   |  |
| 1-2                                | 1,036          | 1,055 | 1,051 | 1,055 | 1,039 | 1,060 | 1,054 | 1,069 | 994   | 1,026 | 1,009 | 1,030 | 1,053  | 1,011 | 1,059 | 1,050 | 1,069     | 1,037 | 1,062 | 988   | 972        | 1,112 | 989   | 1,036 | 1,037      | 1,038 | 1,039 | 1,040 | 1,041 | 1,042 | 1,043 |  |
| 2-3                                | 1,060          | 1,039 | 1,058 | 1,063 | 1,065 | 1,043 | 1,063 | 1,068 | 1,011 | 1,003 | 1,005 | 1,012 | 1,033  | 1,012 | 1,018 | 1,039 | 1,068     | 1,057 | 1,088 | 1,060 | 968        | 972   | 989   | 1,036 | 1,037      | 1,038 | 1,039 | 1,040 | 1,041 | 1,042 | 1,043 |  |
| 3-4                                | 1,066          | 1,054 | 1,067 | 1,061 | 1,072 | 1,057 | 1,070 | 1,064 | 1,007 | 1,014 | 1,024 | 1,011 | 1,053  | 1,044 | 1,050 | 1,034 | 1,075     | 1,062 | 1,098 | 1,121 | 1,046      | 971   | 1,032 | 1,033 | 1,034      | 1,035 | 1,036 | 1,037 | 1,038 | 1,039 | 1,040 |  |
| 4-5                                | 1,030          | 1,022 | 1,040 | 1,029 | 1,029 | 1,026 | 1,043 | 1,032 | 1,004 | 987   | 986   | 985   | 1,054  | 980   | 1,027 | 1,009 | 1,186     | 1,028 | 1,084 | 1,042 | 996        | 1,146 | 1,077 | 1,014 | 1,015      | 1,016 | 1,017 | 1,018 | 1,019 | 1,020 | 1,021 |  |
| Total 0-5                          | 1,044          | 1,038 | 1,051 | 1,052 | 1,047 | 1,042 | 1,055 | 1,055 | 1,002 | 1,005 | 1,007 | 1,016 | 1,045  | 1,012 | 1,036 | 1,033 | 1,107     | 1,046 | 1,082 | 1,062 | 1,008      | 1,063 | 1,040 | 1,021 | 1,022      | 1,023 | 1,024 | 1,025 | 1,026 | 1,027 | 1,028 |  |
| 5-10                               | 1,023          | 1,015 | 1,008 | 990   | 1,026 | 1,017 | 1,011 | 991   | 934   | 1,000 | 988   | 974   | 1,037  | 1,029 | 1,012 | 1,004 | 996       | 969   | 959   | 926   | 1,001      | 1,062 | 997   | 1,032 | 1,033      | 1,034 | 1,035 | 1,036 | 1,037 | 1,038 | 1,039 |  |
| 10-15                              | 836            | 922   | 902   | 871   | 936   | 922   | 902   | 870   | 921   | 921   | 902   | 870   | 967    | 960   | 937   | 918   | 895       | 879   | 857   | 852   | 808        | 875   | 905   | 860   | 861        | 862   | 863   | 864   | 865   | 866   | 867   |  |
| 15-20                              | 950            | 930   | 914   | 867   | 938   | 936   | 934   | 960   | 1,041 | 1,057 | 1,014 | 1,024 | 1,036  | 1,072 | 1,017 | 1,035 | 1,082     | 1,107 | 1,089 | 992   | 727        | 704   | 810   | 869   | 870        | 871   | 872   | 873   | 874   | 875   | 876   |  |
| 20-25                              | 1,230          | 1,197 | 1,248 | 1,214 | 1,227 | 1,196 | 1,245 | 1,214 | 1,252 | 1,158 | 1,272 | 1,232 | 1,236  | 1,218 | 1,262 | 1,189 | 1,362     | 1,203 | 1,284 | 1,153 | 840        | 851   | 905   | 948   | 949        | 950   | 951   | 952   | 953   | 954   | 955   |  |
| 25-30                              | 1,119          | 1,068 | 1,120 | 1,077 | 1,119 | 1,089 | 1,120 | 1,077 | 1,142 | 1,101 | 1,156 | 1,104 | 1,122  | 1,105 | 1,189 | 1,098 | 1,044     | 996   | 1,005 | 903   | 776        | 795   | 867   | 920   | 921        | 922   | 923   | 924   | 925   | 926   | 927   |  |
| Total 30 and over                  | 1,011          | 1,032 | 1,030 | 1,027 | 1,016 | 1,036 | 1,033 | 1,031 | 998   | 1,028 | 1,040 | 1,038 | 951    | 993   | 1,014 | 1,009 | 893       | 902   | 872   | 848   | 692        | 909   | 961   | 936   | 937        | 938   | 939   | 940   | 941   | 942   | 943   |  |
| 30-40                              | 1,000          | 1,043 | 1,025 | 1,003 | 1,002 | 1,047 | 1,027 | 1,004 | 999   | 1,030 | 1,022 | 1,001 | 983    | 1,017 | 1,042 | 1,005 | 993       | 969   | 956   | 928   | 825        | 829   | 883   | 884   | 885        | 886   | 887   | 888   | 889   | 890   | 891   |  |
| 40-50                              | 1,004          | 991   | 978   | 956   | 1,009 | 984   | 981   | 955   | 987   | 998   | 1,014 | 997   | 978    | 987   | 978   | 949   | 846       | 814   | 744   | 759   | 836        | 811   | 868   | 920   | 921        | 922   | 923   | 924   | 925   | 926   | 927   |  |
| 50-60                              | 1,000          | 1,009 | 1,009 | 1,045 | 1,008 | 1,012 | 1,012 | 1,049 | 970   | 999   | 1,027 | 1,042 | 992    | 998   | 972   | 1,028 | 816       | 872   | 811   | 756   | 930        | 989   | 1,031 | 922   | 923        | 924   | 925   | 926   | 927   | 928   | 929   |  |
| 60 and over                        | 1,063          | 1,108 | 1,178 | 1,218 | 1,073 | 1,115 | 1,183 | 1,223 | 1,045 | 1,110 | 1,152 | 1,209 | 895    | 973   | 1,066 | 1,013 | 823       | 961   | 1,002 | 892   | 1,085      | 1,152 | 1,141 | 1,205 | 1,206      | 1,207 | 1,208 | 1,209 | 1,210 | 1,211 | 1,212 |  |



3.—Number of females per 1,000 males at different age-periods by religions and natural divisions (Census of 1921).

| Age.                                   | Agency.        |        |           | East Coast North. |                |        | Deccan.   |            |                | East Coast Central. |           |            | East Coast South. |        |           | West Coast. |                |        |
|----------------------------------------|----------------|--------|-----------|-------------------|----------------|--------|-----------|------------|----------------|---------------------|-----------|------------|-------------------|--------|-----------|-------------|----------------|--------|
|                                        | All religions. | Hindu. | Musalman. | Christian.        | All religions. | Hindu. | Musalman. | Christian. | All religions. | Hindu.              | Musalman. | Christian. | All religions.    | Hindu. | Musalman. | Christian.  | All religions. | Hindu. |
| 1                                      | 998            | 996    | 1,010     | 1,015             | 1,051          | 1,056  | 978       | 979        | 960            | 963                 | 942       | 974        | 997               | 999    | 944       | 1,001       | 1,063          | 1,055  |
| Total all ages (actual population) ... | 1,059          | 1,062  | 1,059     | 1,107             | 1,047          | 1,046  | 1,018     | 1,093      | 992            | 993                 | 979       | 1,023      | 1,024             | 1,026  | 985       | 1,032       | 1,057          | 1,050  |
| Total 0-30 ...                         | 1,033          | 1,015  | 985       | 1,131             | 1,021          | 1,016  | 1,025     | 1,151      | 1,040          | 1,039               | 1,044     | 1,077      | 1,035             | 1,038  | 991       | 1,001       | 1,020          | 1,024  |
| 0-1 ...                                | 668            | 518    | 1,000     | 1,181             | 1,075          | 1,066  | 1,066     | 1,339      | 1,059          | 1,055               | 1,054     | 1,067      | 1,048             | 1,050  | 982       | 1,032       | 1,037          | 1,046  |
| 1-2 ...                                | 1,112          | 1,115  | 1,343     | 1,146             | 1,090          | 1,088  | 1,047     | 1,210      | 1,019          | 1,014               | 1,090     | 1,010      | 1,069             | 1,074  | 997       | 1,001       | 1,042          | 1,047  |
| 2-3 ...                                | 1,100          | 1,116  | 1,208     | 1,148             | 1,071          | 1,070  | 1,046     | 1,098      | 1,083          | 1,085               | 1,072     | 1,002      | 1,087             | 1,090  | 1,030     | 1,057       | 1,050          | 1,054  |
| 3-4 ...                                | 877            | 713    | 902       | 1,266             | 1,061          | 1,054  | 1,164     | 1,180      | 1,061          | 1,068               | 1,042     | 1,094      | 1,043             | 1,047  | 970       | 1,014       | 1,015          | 1,015  |
| 4-5 ...                                | 987            | 928    | 1,070     | 1,175             | 1,061          | 1,057  | 1,074     | 1,174      | 1,059          | 1,058               | 1,063     | 1,064      | 1,058             | 1,061  | 1,000     | 1,050       | 1,033          | 1,037  |
| Total 0-5 ...                          | 570            | 951    | 978       | 1,076             | 1,032          | 1,033  | 1,018     | 1,003      | 1,020          | 1,023               | 998       | 1,022      | 1,035             | 1,026  | 980       | 1,043       | 1,046          | 1,045  |
| 5-10 ...                               | 1,108          | 1,197  | 1,129     | 932               | 926            | 926    | 878       | 997        | 898            | 905                 | 850       | 889        | 913               | 915    | 877       | 924         | 955            | 949    |
| 10-15 ...                              | 1,026          | 1,003  | 1,025     | 1,024             | 971            | 968    | 964       | 1,041      | 849            | 844                 | 808       | 954        | 908               | 904    | 945       | 1,021       | 956            | 931    |
| 15-20 ...                              | 1,332          | 1,336  | 1,268     | 1,449             | 1,283          | 1,282  | 1,201     | 1,308      | 1,162          | 1,158               | 1,185     | 1,211      | 1,188             | 1,193  | 1,101     | 1,165       | 1,237          | 1,221  |
| 20-25 ...                              | 1,034          | 1,040  | 961       | 1,153             | 1,108          | 1,113  | 1,042     | 1,019      | 947            | 949                 | 911       | 1,029      | 1,097             | 1,100  | 1,031     | 1,082       | 1,208          | 1,199  |
| 25-30 ...                              | 891            | 882    | 930       | 836               | 1,057          | 1,074  | 907       | 796        | 909            | 914                 | 878       | 889        | 952               | 956    | 870       | 943         | 1,072          | 1,054  |
| Total 30 and over ...                  | 860            | 814    | 725       | 863               | 1,067          | 1,070  | 944       | 907        | 871            | 874                 | 841       | 884        | 949               | 952    | 884       | 932         | 1,065          | 1,053  |
| 30-40 ...                              | 904            | 921    | 1,200     | 883               | 1,018          | 1,033  | 897       | 808        | 882            | 935                 | 903       | 951        | 971               | 974    | 889       | 989         | 1,064          | 1,051  |
| 40-50 ...                              | 891            | 914    | 1,019     | 976               | 1,019          | 1,039  | 836       | 698        | 929            | 934                 | 869       | 872        | 948               | 948    | 825       | 907         | 1,056          | 1,117  |
| 50-60 ...                              | 1,011          | 1,065  | 1,180     | 1,120             | 1,135          | 1,165  | 928       | 664        | 941            | 950                 | 901       | 885        | 940               | 943    | 855       | 915         | 1,122          | 1,063  |
| 60 and over ...                        | 1,011          | 1,065  | 1,180     | 1,120             | 1,135          | 1,165  | 928       | 664        | 941            | 950                 | 901       | 885        | 940               | 943    | 855       | 915         | 1,122          | 1,063  |

4.—Number of females per 1,000 males for certain selected castes.

| Caste.                                                               | Number of females per 1,000 males. |       |       |        |        |        |              |
|----------------------------------------------------------------------|------------------------------------|-------|-------|--------|--------|--------|--------------|
|                                                                      | All ages.                          | 0-5.  | 5-12. | 12-15. | 15-20. | 20-40. | 40 and over. |
| 1                                                                    | 2                                  | 3     | 4     | 5      | 6      | 7      | 8            |
| Baliya, Kavarai ...                                                  | 993                                | 1,018 | 1,020 | 835    | 859    | 1,045  | 895          |
| Brāhman, Tamil ...                                                   | 1,009                              | 1,109 | 1,061 | 818    | 934    | 947    | 1,105        |
| „ Telugu ...                                                         | 973                                | 980   | 984   | 1,005  | 950    | 901    | 1,055        |
| „ Malayālam Embrāndri.                                               | 759                                | 1,537 | 1,289 | 1,444  | 1,230  | 588    | 623          |
| „ „ Nambūdrī.                                                        | 915                                | 1,100 | 1,048 | 929    | 902    | 790    | 943          |
| „ „ Pattar ...                                                       | 731                                | 842   | 1,034 | 676    | 981    | 653    | 584          |
| „ Kanarese ...                                                       | 1,019                              | 990   | 1,160 | 500    | 1,171  | 1,160  | 971          |
| „ Oriyā ...                                                          | 1,213                              | 1,020 | 4,994 | 784    | 1,123  | 1,143  | 969          |
| Cheruman ...                                                         | 1,097                              | 1,018 | 902   | 1,004  | 1,204  | 1,222  | 1,142        |
| Chetti ...                                                           | 1,350                              | 1,124 | 1,210 | 963    | 1,519  | 1,542  | 1,411        |
| Dāvānga ...                                                          | 1,045                              | 952   | 1,040 | 787    | 1,049  | 1,101  | 1,099        |
| Holeya ...                                                           | 1,259                              | 1,147 | 970   | 1,005  | 1,359  | 1,492  | 1,411        |
| Kaikolan, Sengundar, Sengunda Kshatriya ...                          | 985                                | 1,086 | 988   | 873    | 822    | 983    | 1,075        |
| Kālingi ...                                                          | 1,042                              | 1,051 | 1,024 | 823    | 907    | 1,119  | 1,077        |
| Kālinji ...                                                          | 1,426                              | 1,037 | 1,121 | 1,071  | 1,289  | 1,972  | 1,723        |
| Kammālan, Kamsala, Pānchāla, Visva Brāhman, Visva Karma (Tamil) ...  | 994                                | 976   | 1,015 | 952    | 917    | 1,049  | 966          |
| Kammālan, Kamsala, Pānchāla, Visva Brāhman, Visva Karma (Telugu) ... | 980                                | 987   | 974   | 701    | 893    | 1,021  | 1,051        |
| Kāpu ...                                                             | 1,015                              | 1,046 | 899   | 808    | 872    | 1,075  | 1,050        |
| Kōmati, Arya Vaisya ...                                              | 990                                | 996   | 991   | 880    | 920    | 999    | 1,039        |
| Māla ...                                                             | 1,052                              | 1,114 | 962   | 844    | 1,003  | 1,210  | 1,008        |
| Nādār ...                                                            | 945                                | 981   | 960   | 969    | 924    | 963    | 896          |
| Paraiyan, Panchama ...                                               | 1,058                              | 1,055 | 978   | 885    | 978    | 1,234  | 1,008        |
| Sale ...                                                             | 1,011                              | 1,056 | 948   | 771    | 991    | 1,093  | 1,025        |
| Tiyan ...                                                            | 1,055                              | 923   | 1,108 | 1,049  | 1,066  | 1,115  | 1,007        |
| Vellāla ...                                                          | 970                                | 932   | 970   | 1,003  | 791    | 969    | 1,056        |



4-A.—Number of females to 1,000 males for certain castes (Imperial Table XIII).

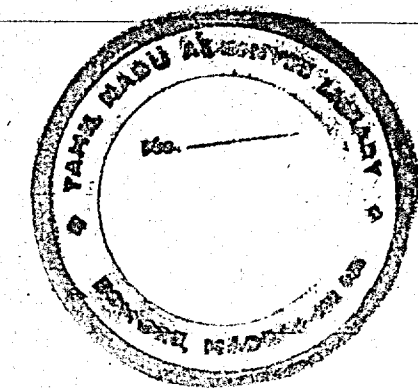
| Caste.              | Number of females to 1,000 males. |       | Caste.                  | Number of females to 1,000 males. |       | Caste.                   | Number of females to 1,000 males. |       |
|---------------------|-----------------------------------|-------|-------------------------|-----------------------------------|-------|--------------------------|-----------------------------------|-------|
|                     | 1921.                             | 1911. |                         | 1921.                             | 1911. |                          | 1921.                             | 1911. |
| 1                   | 2                                 | 3     | 1                       | 2                                 | 3     | 1                        | 2                                 | 3     |
| Agamudaiyan ...     | 1,050                             | 1,084 | Jogi ...                | 989                               | 984   | Pallan ...               | 1,062                             | 1,087 |
| Ambalakuran ...     | 1,030                             | 1,050 | Kabbera ...             | 1,048                             | 1,074 | Palli, Vanniya, Vanniya  |                                   |       |
| Ambalavasi ...      | 1,064                             | 1,072 | Kadappattan ...         | 977                               | 1,058 | Kshatriya, Vanni-        |                                   |       |
| Ambattan ...        | 1,036                             | 1,025 | Kaikolan, Sengundar,    |                                   |       | kula Kshatriya, Agni-    |                                   |       |
| Andi ...            | 1,004                             | 1,063 | Sengunda Kshatriya.     | 994                               | 1,052 | kula Kshatriya ...       | 1,036                             | 1,038 |
| Badaga ...          | 1,007                             | 1,020 | Kalingi ...             | 1,100                             | 1,087 | Pandaram ...             | 1,013                             | 1,027 |
| Bazata ...          | 1,015                             | 1,050 | Kalingi ...             | 1,325                             | 1,260 | Panisavan ...            | 956                               | 1,028 |
| Baliya, Kavara ...  | 1,019                             | 1,023 | Kallan ...              | 1,058                             | 1,068 | Paniyan ...              | 931                               | 976   |
| Bant ...            | 1,077                             | 1,054 | Kamma ...               | 974                               | 995   | Pano ...                 | 1,095                             | 1,001 |
| Bavuri ...          | 1,380                             | 1,289 | Kammalan, Kamsala,      |                                   |       | Paraiyan, Panchama ...   | 1,044                             | 1,049 |
| Bedaru ...          | 1,000                             | 1,013 | Fanchala, Visva Brah-   |                                   |       | Parivaram ...            | 932                               | 1,060 |
| Beetha ...          | 976                               | 995   | man, Visva Karma        |                                   |       | Pattanavan ...           | 1,017                             | 982   |
| Bhatrizu ...        | 987                               | 1,033 | (Tamil) ...             | 1,002                             | 1,036 | Perike ...               | 983                               | 988   |
| Bhondari ...        | 1,324                             | 1,068 | Kanisan ...             | 1,123                             | 1,096 | Poraja ...               | 957                               | 940   |
| Bhumia ...          | 999                               | 974   | Kannadiyan ...          | 1,056                             | 949   | Rajput ...               | 974                               | 978   |
| Billava ...         | 1,043                             | 1,093 | Kappiliyan ...          | 1,094                             | 1,013 | Razu ...                 | 1,030                             | 1,003 |
| Bogam ...           | 1,374                             | 1,350 | Kapu ...                | 1,047                             | 1,015 | Relli ...                | 1,089                             | 1,183 |
| Bottada ...         | 978                               | 1,006 | Karnam, Oriya ...       | 1,160                             | 980   | Rona ...                 | 1,002                             | 981   |
| Boya ...            | 942                               | 965   | " Tamil ...             | 959                               | 1,003 | Sale ...                 | 1,009                             | 1,010 |
| Bráhman, Tamil ...  | 971                               | 1,012 | Kevuto ...              | 1,272                             | 1,291 | Satani, Sattada Sri Vai- |                                   |       |
| " Telugu ...        | 987                               | 1,010 | Khond ...               | 997                               | 1,011 | shnava ...               | 1,057                             | 1,036 |
| " Malayalam ...     | 812                               | 835   | Kolayan ...             | 1,127                             | 1,089 | Savara ...               | 993                               | 1,016 |
| " Kanarese ...      | 1,062                             | 1,045 | Komati, Arya Vaisya ... | 974                               | 993   | Segidi ...               | 1,210                             | 1,215 |
| " Oriya ...         | 1,149                             | 1,058 | Konda Dora ...          | 1,062                             | 998   | Sembadavan ...           | 990                               | 1,019 |
| " Others ...        | 1,018                             | 1,007 | Kottiya ...             | 1,156                             | 973   | Senaikkudaiyan ...       | 881                               | 1,025 |
| Chakkán ...         | 1,111                             | 1,038 | Koyi ...                | 1,033                             | 1,020 | Sondi ...                | 1,004                             | 992   |
| Chakkiliyan ...     | 1,047                             | 1,014 | Kshatriya ...           | 1,053                             | 972   | Sudarmán ...             | 968                               | 1,033 |
| Cháliyan ...        | 1,003                             | 1,003 | Kudumo ...              | 1,193                             | 1,015 | Telaga ...               | 1,030                             | 1,029 |
| Oheruman ...        | 1,092                             | 1,101 | Kumbara ...             | 1,037                             | 1,071 | Telli ...                | 1,200                             | 1,077 |
| Chetti ...          | 1,045                             | 1,048 | Kumara ...              | 961                               | 962   | Togata ...               | 946                               | 955   |
| Dandasi ...         | 1,395                             | 1,182 | Kuravan ...             | 938                               | 1,045 | Tottiyar ...             | 1,049                             | 1,032 |
| Dasari ...          | 989                               | 1,087 | Kuruba ...              | 971                               | 947   | Tsakala ...              | 1,008                             | 1,016 |
| Devadiga ...        | 996                               | 1,168 | Kurumban ...            | 1,055                             | 995   | Uppara ...               | 1,005                             | 989   |
| Devanga ...         | 1,001                             | 1,008 | Kusavan ...             | 1,002                             | 1,036 | Uppiliyan ...            | 1,022                             | 1,055 |
| Dhobi ...           | 1,313                             | 1,071 | Lambadi ...             | 1,007                             | 958   | Uruli ...                | 1,048                             | 1,050 |
| Dombó ...           | 1,045                             | 1,008 | Lingayat ...            | 1,015                             | 1,028 | Vadangan ...             | 1,053                             | 1,052 |
| Gadabá ...          | 956                               | 961   | Madiga ...              | 984                               | 990   | Vakkaliga ...            | 1,086                             | 1,075 |
| Gamalla ...         | 1,007                             | 1,008 | Mala ...                | 1,024                             | 1,021 | Valaiyan ...             | 1,060                             | 1,030 |
| Gandla ...          | 1,089                             | 1,021 | Malaimán ...            | 1,067                             | 1,076 | Vallamban ...            | 1,195                             | 1,111 |
| Gauda ...           | 955                               | 972   | Malayali ...            | 1,013                             | 1,022 | Vallavan ...             | 1,041                             | 1,003 |
| Gaudó ...           | 1,187                             | 1,107 | Mangala ...             | 987                               | 1,039 | Vaniyan, Vaniga,         |                                   |       |
| Gavara ...          | 1,091                             | 1,081 | Maunán ...              | 1,038                             | 1,018 | Vaisya ...               | 997                               | 1,050 |
| Golla ...           | 997                               | 1,028 | Maratha ...             | 925                               | 1,028 | Vannán ...               | 982                               | 1,007 |
| Gond ...            | 982                               | 845   | Maravan ...             | 1,002                             | 1,052 | Vedan ...                | 984                               | 1,031 |
| Haddi ...           | 1,078                             | 1,031 | Medara ...              | 975                               | 993   | Velama ...               | 1,011                             | 1,020 |
| Holeya ...          | 1,242                             | 1,225 | Mogér ...               | 1,107                             | 1,154 | Vellala ...              | 1,024                             | 1,032 |
| Idaiyan, Yádava ... | 1,023                             | 1,040 | Mukkuvan ...            | 973                               | 987   | Vettuvan, Tamil ...      | 1,209                             | 1,093 |
| Idiga, Arya Hihida, |                                   |       | Mutracha ...            | 982                               | 983   | " Malayalam ...          | 1,045                             | 1,027 |
| Setti Baliya ...    | 1,043                             | 1,061 | Muttriyar ...           | 982                               | 1,005 | Yanadi ...               | 971                               | 958   |
| Iluvan ...          | 1,124                             | 1,107 | Nadar ...               | 1,022                             | 1,040 | Yata ...                 | 1,586                             | 1,343 |
| Indra, Arya Hihida, |                                   |       | Nagavásula ...          | 1,118                             | 1,035 | Yerukala ...             | 936                               | 973   |
| Setti Baliya ...    | 1,066                             | 1,147 | Nattamán ...            | 1,084                             | 1,053 | Musalman—                |                                   |       |
| Irala ...           | 950                               | 1,009 | Nayar ...               | 1,080                             | 1,079 | Dudekula ...             | 949                               | 985   |
| Jalári ...          | 1,279                             | 1,109 | Odde ...                | 1,010                             | 983   | Labbai ...               | 1,180                             | 1,172 |
| Janappan ...        | 1,007                             | 1,152 | Odiya ...               | 1,352                             | 1,166 | Mappilla ...             | 1,022                             | 1,007 |
| Jangam ...          | 1,000                             | 1,037 | Paidi ...               | 1,014                             | 1,033 | Pathan ...               | 905                               | 961   |
| Jatapu ...          | 1,091                             | 1,058 |                         |                                   |       | Saiyad ...               | 952                               | 984   |
|                     |                                   |       |                         |                                   |       | Sheik ...                | 1,001                             | 1,016 |
|                     |                                   |       |                         |                                   |       | Indian Christian ...     | 1,021                             | 1,036 |

—Actual number of births and deaths reported for each sex during the decades 1901–1910 and 1911–1920.

| Year.            | Number of births. |           |            | Number of deaths. |           |            | Difference between columns 2 and 3. Excess of latter over former +, deficit - | Difference between columns 5 and 6. Excess of latter over former +, deficit - | Difference between columns 4 and 7. Excess of former over latter +, deficit - | Number of female births per 1,000 male births. | Number of female deaths per 1,000 male deaths. |
|------------------|-------------------|-----------|------------|-------------------|-----------|------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                  | Males.            | Females.  | Total.     | Males.            | Females.  | Total.     |                                                                               |                                                                               |                                                                               |                                                |                                                |
| 1                | 2                 | 3         | 4          | 5                 | 6         | 7          | 8                                                                             | 9                                                                             | 10                                                                            | 11                                             | 12                                             |
| Total 1901–1910. | 5,777,672         | 5,536,480 | 11,314,152 | 4,342,651         | 4,174,304 | 8,516,955  | - 241,192                                                                     | - 168,347                                                                     | + 2,797,197                                                                   | 958.3                                          | 961.2                                          |
| 1901 ...         | 477,490           | 458,259   | 935,749    | 407,975           | 388,165   | 796,140    | - 19,231                                                                      | - 19,810                                                                      | + 139,609                                                                     | 959.8                                          | 951.4                                          |
| 1902 ...         | 521,745           | 501,401   | 1,023,146  | 373,355           | 359,082   | 732,437    | - 20,344                                                                      | - 14,273                                                                      | + 290,709                                                                     | 961.0                                          | 961.7                                          |
| 1903 ...         | 593,713           | 571,367   | 1,165,080  | 419,275           | 407,388   | 826,663    | - 22,346                                                                      | - 11,887                                                                      | + 338,417                                                                     | 962.4                                          | 971.6                                          |
| 1904 ...         | 573,819           | 551,932   | 1,125,751  | 419,825           | 404,453   | 824,278    | - 21,887                                                                      | - 15,372                                                                      | + 301,473                                                                     | 961.9                                          | 963.4                                          |
| 1905 ...         | 599,469           | 576,787   | 1,176,256  | 401,406           | 384,717   | 786,123    | - 22,682                                                                      | - 16,689                                                                      | + 390,133                                                                     | 962.2                                          | 958.4                                          |
| 1906 ...         | 575,074           | 550,904   | 1,125,978  | 507,823           | 490,568   | 998,391    | - 24,170                                                                      | - 17,255                                                                      | + 127,587                                                                     | 958.0                                          | 966.0                                          |
| 1907 ...         | 573,041           | 546,129   | 1,119,170  | 449,290           | 433,726   | 883,016    | - 26,912                                                                      | - 15,564                                                                      | + 236,154                                                                     | 953.0                                          | 965.4                                          |
| 1908 ...         | 610,268           | 581,868   | 1,192,136  | 491,062           | 469,857   | 960,919    | - 28,400                                                                      | - 21,205                                                                      | + 231,217                                                                     | 953.5                                          | 956.8                                          |
| 1909 ...         | 621,369           | 594,348   | 1,215,717  | 410,589           | 390,977   | 801,566    | - 27,021                                                                      | - 19,612                                                                      | + 414,151                                                                     | 956.5                                          | 952.2                                          |
| 1910 ...         | 631,684           | 603,485   | 1,235,169  | 462,051           | 445,371   | 907,422    | - 28,199                                                                      | - 16,680                                                                      | + 327,747                                                                     | 955.4                                          | 963.9                                          |
| Total 1911–1920. | 6,269,011         | 5,992,492 | 12,261,503 | 5,185,077         | 5,075,980 | 10,261,057 | - 276,519                                                                     | - 109,097                                                                     | + 2,000,446                                                                   | 955.9                                          | 979.0                                          |
| 1911 ...         | 627,274           | 599,214   | 1,226,488  | 476,449           | 457,061   | 933,510    | - 28,060                                                                      | - 19,388                                                                      | + 292,978                                                                     | 955.2                                          | 959.4                                          |
| 1912 ...         | 637,308           | 608,157   | 1,245,465  | 501,194           | 481,114   | 982,308    | - 29,151                                                                      | - 20,080                                                                      | + 263,157                                                                     | 954.3                                          | 959.9                                          |
| 1913 ...         | 658,416           | 630,202   | 1,288,618  | 435,991           | 420,660   | 856,651    | - 28,214                                                                      | - 15,331                                                                      | + 431,967                                                                     | 957.1                                          | 964.8                                          |
| 1914 ...         | 683,449           | 656,719   | 1,340,168  | 505,794           | 492,473   | 998,267    | - 26,730                                                                      | - 13,321                                                                      | + 341,901                                                                     | 960.9                                          | 973.7                                          |
| 1915 ...         | 638,440           | 610,994   | 1,249,434  | 445,466           | 434,484   | 879,950    | - 27,448                                                                      | - 10,982                                                                      | + 369,484                                                                     | 957.0                                          | 975.3                                          |
| 1916 ...         | 664,827           | 636,770   | 1,301,597  | 444,629           | 430,384   | 875,013    | - 28,057                                                                      | - 14,245                                                                      | + 426,584                                                                     | 957.8                                          | 968.0                                          |
| 1917 ...         | 661,581           | 633,497   | 1,295,078  | 532,512           | 517,033   | 1,049,545  | - 28,084                                                                      | - 15,479                                                                      | + 245,533                                                                     | 957.5                                          | 970.9                                          |
| 1918 ...         | 591,209           | 564,995   | 1,156,204  | 850,723           | 871,280   | 1,722,003  | - 26,214                                                                      | + 20,557                                                                      | - 565,799                                                                     | 955.7                                          | 1,024.2                                        |
| 1919 ...         | 523,544           | 497,669   | 1,021,213  | 550,605           | 539,224   | 1,089,829  | - 25,875                                                                      | - 11,381                                                                      | - 68,616                                                                      | 950.6                                          | 979.3                                          |
| 1920 ...         | 582,963           | 554,275   | 1,137,238  | 441,714           | 432,267   | 873,981    | - 28,638                                                                      | - 9,447                                                                       | + 263,257                                                                     | 950.8                                          | 978.6                                          |

6.—Number of deaths of each sex at different ages (exclusive of Europeans and Anglo-Indians).

| Ages.       | 1915.   |          | 1916.   |          | 1917.   |          | 1918.   |          | 1919.   |          | Total.  |          | Average number of female deaths per 1,000 male deaths. |         | 1920.  |          | Average number of female deaths per 1,000 male deaths. |
|-------------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|--------------------------------------------------------|---------|--------|----------|--------------------------------------------------------|
|             | Males.  | Females. | Males.  | Females. | Males.  | Females. | Males.  | Females. | Males.  | Females. | Males.  | Females. |                                                        |         | Males. | Females. |                                                        |
| 1           | ...     | ...      | ...     | ...      | ...     | ...      | ...     | ...      | ...     | ...      | ...     | ...      | ...                                                    | ...     | ...    | ...      | ...                                                    |
| 0-1         | 124,112 | 109,001  | 128,038 | 109,855  | 133,835 | 117,359  | 140,048 | 126,077  | 103,937 | 93,025   | 629,970 | 555,317  | 81.5                                                   | 871.0   | 88,016 | 85,368   | 871.0                                                  |
| 1-5         | 61,211  | 61,431   | 63,006  | 62,988   | 77,026  | 77,462   | 110,461 | 110,893  | 77,378  | 70,438   | 389,082 | 389,150  | 1,000.1                                                | 1,000.4 | 59,721 | 60,280   | 1,000.4                                                |
| 5-10        | 21,761  | 21,243   | 21,176  | 20,506   | 30,314  | 29,647   | 56,245  | 58,208   | 34,269  | 33,532   | 163,765 | 162,624  | 938.0                                                  | 994.3   | 24,047 | 23,910   | 994.3                                                  |
| 10-15       | 13,868  | 13,933   | 12,787  | 12,074   | 18,979  | 17,616   | 40,606  | 42,047   | 21,853  | 20,610   | 108,093 | 105,280  | 973.9                                                  | 942.1   | 15,130 | 14,254   | 942.1                                                  |
| 15-20       | 14,122  | 13,813   | 12,867  | 10,944   | 17,820  | 21,035   | 48,321  | 60,371   | 21,002  | 25,780   | 115,092 | 143,843  | 1,240.8                                                | 1,233.3 | 14,986 | 18,420   | 1,233.3                                                |
| 20-30       | 30,062  | 38,486   | 27,689  | 37,018   | 36,703  | 46,957   | 106,295 | 136,948  | 48,140  | 56,267   | 249,189 | 318,676  | 1,278.8                                                | 1,306.3 | 33,131 | 43,277   | 1,306.3                                                |
| 30-40       | 31,058  | 30,021   | 29,492  | 28,971   | 38,086  | 36,755   | 93,837  | 93,159   | 49,224  | 48,460   | 241,097 | 237,366  | 982.1                                                  | 991.2   | 35,291 | 34,981   | 991.2                                                  |
| 40-50       | 33,632  | 26,623   | 33,316  | 26,043   | 41,452  | 33,195   | 77,304  | 64,518   | 48,324  | 38,160   | 234,108 | 189,539  | 809.6                                                  | 804.4   | 36,344 | 29,234   | 804.4                                                  |
| 50-60       | 35,711  | 30,159   | 35,238  | 29,737   | 43,827  | 36,697   | 66,154  | 59,014   | 47,883  | 40,511   | 228,813 | 196,118  | 857.1                                                  | 836.2   | 38,632 | 32,305   | 836.2                                                  |
| 60 and over | 79,879  | 85,774   | 80,720  | 86,248   | 94,440  | 100,010  | 111,452 | 120,014  | 97,635  | 103,446  | 464,128 | 494,492  | 1,065.4                                                | 1,113.1 | 81,067 | 90,238   | 1,113.1                                                |



## CHAPTER VII.—CIVIL CONDITION.

THE number of married, unmarried and widowed persons of each sex is given for the Presidency, and for each district and state by age and by religion in Imperial Table VII. At the end of the table statistics are given for cities by age but not by religion. In Imperial Table XIV are statistics of civil condition for certain selected castes. At the end of this chapter are five subsidiary tables—

Reference to statistics

(1) showing the distribution by civil condition of 1,000 of each sex, religion and main age-period at each of the last four censuses;

(2) showing the distribution by civil condition of 1,000 of each sex at certain ages in each religion and natural division;

(3) showing the distribution by main age-periods and civil condition of 10,000 of each sex and religion;

(4) showing the proportion of the sexes by civil condition at certain ages for religions and natural divisions; and

(5) showing the distribution by civil condition of 1,000 of each sex at certain ages for selected castes.

2. Enumerators were instructed to record each person as unmarried, married or widowed exactly as the person described himself or herself. The custom of infant marriage which obtains in India necessitates the application of a different connotation to the term "marriage" from that which it bears in western countries. There marriage implies a contract between two parties each of whom is of age to fulfil his or her part; here the term is often applied to a ceremony by which two children are pledged to live with one other as husband and wife in years to come; persons who are thus betrothed are described as married, even though the marriage has not been consummated; and should one of the parties die before the consummation of the marriage the survivor is technically "widowed." Moreover between the various classes of society and between one tribe and another marriage customs differ. For some a marriage is an elaborate ceremony extending over several days; for others it involves nothing but a new cloth for the bride and a round of toddy to her relatives. What to one brought up to certain traditions and customs seems an irregular union, to another brought up among different influences is a valid marriage. For these reasons enumerators were instructed not to import into the inquiry their own views of what was or was not a reputable marriage; but to write down for each person the exact description which such person gave of himself or herself. This naturally involves a certain element of inaccuracy in the statistics, for a certain number of persons, e.g., temple dancing girls who have undergone a ceremony of marriage with a god, as well as unmarried prostitutes or kept women prefer to describe themselves as married. It is also difficult to make enumerators carry out the instruction to describe divorced persons as widowed; the term "widowed" especially among women is a term of such opprobrium that it is inconceivable that except by way of insult any one who has not actually lost husband or wife by death should be called by that name.

Definition of "married"

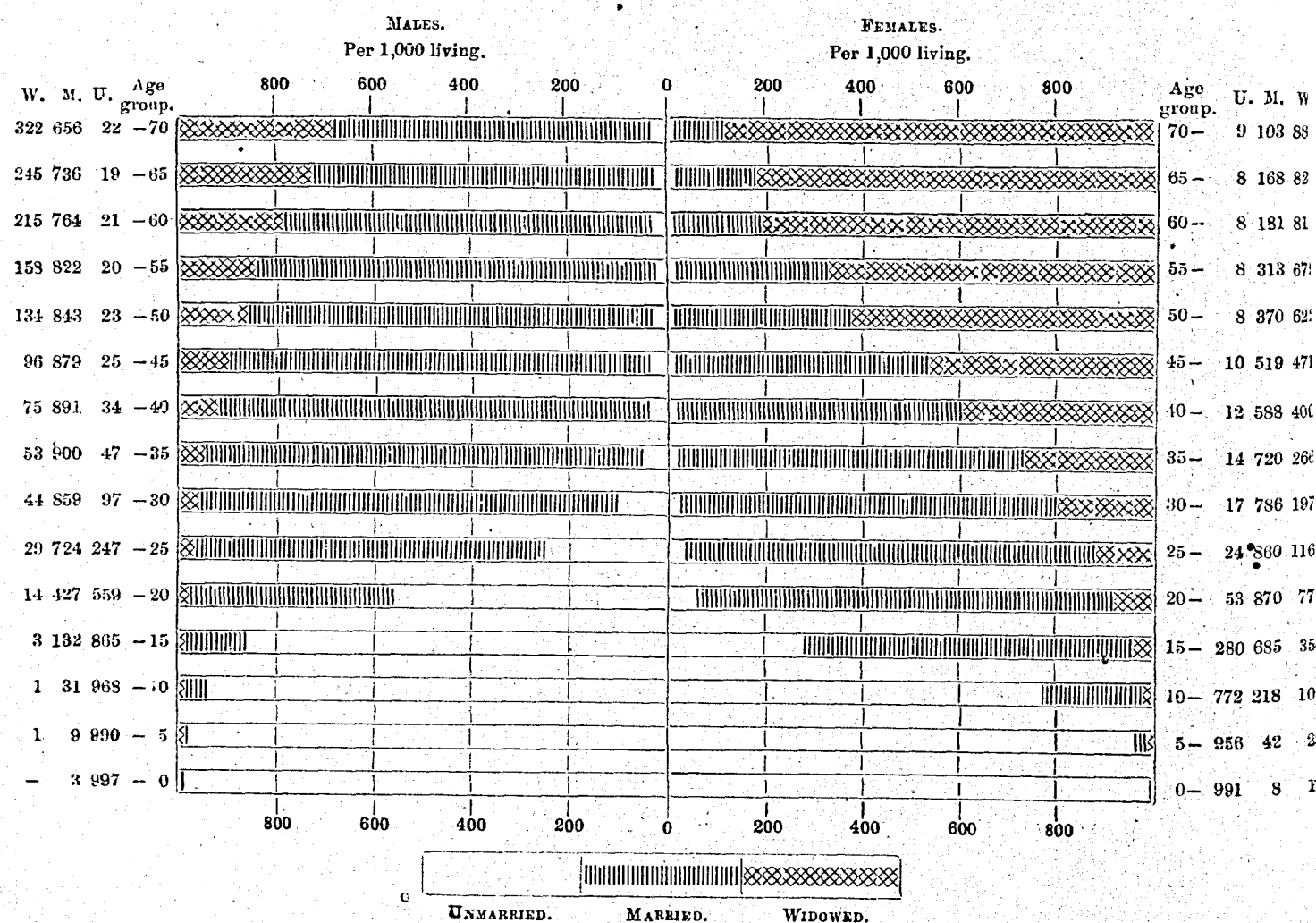
Summary of  
the statistics

3. The following diagram shows for each age-period the number per mille of each sex who are unmarried, married or widowed. The total figures compare with those of previous censuses and with those of England and Wales in 1911 as follows:—

|                                | Males per 1,000. |          |          | Females per 1,000. |          |          |
|--------------------------------|------------------|----------|----------|--------------------|----------|----------|
|                                | Unmarried.       | Married. | Widowed. | Unmarried.         | Married. | Widowed. |
| 1921 ... ..                    | 531              | 425      | 44       | 373                | 438      | 189      |
| 1911 ... ..                    | 533              | 428      | 39       | 373                | 441      | 186      |
| 1901 ... ..                    | 552              | 409      | 39       | 390                | 419      | 191      |
| 1891 ... ..                    | 539              | 427      | 34       | 372                | 436      | 192      |
| England and Wales, 1911 ... .. | 593              | 372      | 35       | 571                | 356      | 73       |

The variation between the returns for 1911 and those for 1921 is very slight. The difference between European and Indian customs is illustrated by the difference between the Madras return and those for England and Wales. The greatest difference is in the high proportion of widows found in Madras, due of course to the custom which in certain castes forbids the remarriage of widows. Besides this, both among men and women fewer marry in England than in India.

Proportion of unmarried, married and widowed males and females per 1,000 living in each age group, 1921.

Variation,  
1911-1921

4. Of the 42,794,155 persons enumerated in Madras 19,305,770 were returned as unmarried, 18,465,667 as married and 5,022,718 as widowed. Among the unmarried there were 722 females for every 1,000 males; the number of wives

exceeded the number of husbands by 548,769 and were in the proportion of 1,061 wives to 1,000 husbands, and the number of widows was 4,093,962 as compared with 928,756 widowers. In 1911, the numbers were very similar; there were 18,910,237 unmarried, 18,215,865 married and 4,744,058 widowed; then also there were 722 unmarried females for every 1,000 unmarried males; there were 1,064 wives for every 1,000 husbands; and among the widowed there were 795,363 males and 3,948,695 females. The conditions generally have varied hardly at all during the decade.

5. But it is of greater importance to learn how the figures compare at different age-periods, as may be seen in subsidiary table 1. It is generally accepted that a man should not marry below the age of 20, nor a girl below the age of 15. The appended figures divide the population of each religion by this criterion of age into those who are fit and those who are not fit for marriage.

Civil con-  
dition by age-  
periods

Distribution per 1,000 of each sex.

|                               | All religions. |          | Hindu. |          | Musalman. |          | Christian. |          | Animist. |          |
|-------------------------------|----------------|----------|--------|----------|-----------|----------|------------|----------|----------|----------|
|                               | Males.         | Females. | Males. | Females. | Males.    | Females. | Males.     | Females. | Males.   | Females. |
| Not of marriageable age .. .. | 468            | 372      | 465    | 370      | 500       | 392      | 482        | 394      | 468      | 339      |
| Of marriageable age.          | 532            | 628      | 535    | 630      | 500       | 608      | 518        | 606      | 532      | 611      |

We may now compare the proportion of each sex in each religion who are of marriageable age with the proportion actually returned as having been married:—

Distribution per 1,000 of each sex.

|                      | All religions. |          | Hindu. |          | Musalman. |          | Christian. |          | Animist. |          |
|----------------------|----------------|----------|--------|----------|-----------|----------|------------|----------|----------|----------|
|                      | Males.         | Females. | Males. | Females. | Males.    | Females. | Males.     | Females. | Males.   | Females. |
| Of marriageable age. | 532            | 628      | 535    | 630      | 500       | 608      | 518        | 606      | 532      | 611      |
| Married and widowed. | 469            | 627      | 473    | 634      | 421       | 583      | 443        | 549      | 474      | 567      |

Among Hindu females alone we find the proportion of married and widowed exceeds the proportion of those of marriageable age. This is explained by the custom mentioned above of child marriage which, though practised by all communities, is most common among Hindus of the better classes.

Number per 1,000 females at age-periods 0-15.

|                | All religions. |       | Hindu. |       | Musalman. |       | Christian. |       | Animist. |       |
|----------------|----------------|-------|--------|-------|-----------|-------|------------|-------|----------|-------|
|                | 1921.          | 1911. | 1921.  | 1911. | 1921.     | 1911. | 1921.      | 1911. | 1921.    | 1911. |
| Married ... .. | 84             | 94    | 86     | 91    | 101       | 92    | 40         | 46    | 44       | 25    |
| Widowed ... .. | 4              | 3     | 3      | 4     | 3         | 3     | 2          | 2     | 1        | 1     |

A decrease of 1 per cent among the Hindus who are chiefly responsible for the premature marriage of their daughters is all to the good, especially when compared with the retrograde tendency of the decade 1901-1911, but the pace of the improvement does not indicate that the social reformer is as yet really a power in the land.

## Child marriage

6. From subsidiary table 2 we are able to locate the prevalence of premature marriage especially among the Hindus of the East Coast North division, for whom the statistics are compared in the margin, with those for the Presidency and for the Deccan, where the number is next greatest after the East Coast North. In this division Hindu males also are more addicted to premature marriage than those of other parts, the proportion of males aged 10-15 who are married being 81 per 1,000 as against 33, which is the proportion for the Presidency. The case was exactly the same in 1911 when the proportion of married males and females at ages 10-15 was 96 and 488 while the proportions for the Presidency were only 41 and 268. A closer examination shows that the districts specially addicted to this unfortunate habit are Ganjām and Vizagapatam. Subsidiary table 5 corroborates this conclusion; it shows that of the castes selected for Imperial Table XIV those most addicted to early marriage are the Kālingis and Kālinjis enumerated in Ganjām. Among Kālingis of every 1,000 girls aged 5-12 no less than 641 are married, and among Kālinjis 411. In 1911 these figures were 632 for Kālingis and 478 for Kālinjis. The castes with the next largest proportion married are the Telugu artisans (341), Kāpus (324), and Dēvāngas (501); in 1911 these castes had 356, 288 and 301 girls aged 5-12 married. It must be remembered that subsidiary table 5 is based on the figures in Imperial Table XIV which gives results only for a few castes in special areas, and not for the whole caste population. Telugu Brāhmins show an improvement from 274 to 193 girls married per mille aged 5-12; but Kālinjis and Kāpus seem to marry more of their girls young now than they did ten years ago.

Number per 1,000 females of each age-period who are married.

| Age-period. | Presidency. | East Coast North. | Deccan. |
|-------------|-------------|-------------------|---------|
| 0-5 ...     | 8           | 21                | 7       |
| 5-10 ...    | 46          | 124               | 33      |
| 10-15 ...   | 234         | 446               | 278     |

632 for Kālingis and 478 for Kālinjis. The castes with the next largest proportion married are the Telugu artisans (341), Kāpus (324), and Dēvāngas (501); in 1911 these castes had 356, 288 and 301 girls aged 5-12 married. It must be remembered that subsidiary table 5 is based on the figures in Imperial Table XIV which gives results only for a few castes in special areas, and not for the whole caste population. Telugu Brāhmins show an improvement from 274 to 193 girls married per mille aged 5-12; but Kālinjis and Kāpus seem to marry more of their girls young now than they did ten years ago.

## Child widows

Number per 1,000 females who are widowed at ages

|                 | 0-5. | 5-10. | 10-15. |
|-----------------|------|-------|--------|
| Presidency ...  | 1    | 3     | 10     |
| Ganjām ...      | 2    | 6     | 22     |
| Vizagapatam ... | 2    | 9     | 32     |

8. It is customary to ascribe the prevalence of child marriage and widowhood to the greater orthodoxy of the Telugu; but the analysis just made suggests that the Oriyā may have a considerable share of the blame. Kālingis mostly speak Telugu and Kālinjis Oriyā. The marginal statement shows that the Kālingi is in a distinctly worse position than the Kālinji, and the comparative figures for 1921 and 1911 suggest that while the Kālinji is improving, the Kālingi is getting worse. The conclusion must be that Ganjām and Vizagapatam are the districts in which this evil is chiefly prevalent; it is worse in Vizagapatam than in Ganjām; and this fact, together with the fact that it affects a Telugu caste worse than an Oriyā caste in Ganjām, indicates that it is a particular failing of the Telugu. And, as the appended figures show, both districts are going steadily from bad to worse.

Number per 1,000 females of each age-period.

|          | Kālingi. |       |          |       | Kālinji. |       |          |       |
|----------|----------|-------|----------|-------|----------|-------|----------|-------|
|          | Married. |       | Widowed. |       | Married. |       | Widowed. |       |
|          | 1921.    | 1911. | 1921.    | 1911. | 1921.    | 1911. | 1921.    | 1911. |
| 0-5 ...  | 160      | 84    | 3        | 1     | 19       | 44    | 1        | ...   |
| 5-12...  | 641      | 632   | 24       | 18    | 411      | 478   | 8        | 9     |
| 12-20... | 918      | 914   | 56       | 59    | 862      | 870   | 44       | 38    |

and this fact, together with the fact that it affects a Telugu caste worse than an Oriyā caste in Ganjām, indicates that it is a particular failing of the Telugu. And, as the appended figures show, both districts are going steadily from bad to worse.

Number married in 1,000 females aged 0-10.

|                 | 1921. | 1911. | 1901. |
|-----------------|-------|-------|-------|
| Ganjām ...      | 132   | 129   | 106   |
| Vizagapatam ... | 165   | 153   | 134   |

9. We may now pass on from the prevalence of premature marriage to consider the second of the characteristic features of Indian census returns—the universality of marriage. A comparison between the figures of the English census and those of this census of Madras will illustrate the difference between the social conditions of the two countries. In Madras 75 males and 95 females out of every 100 over the age of 15 are or have been married. In England the married and widowed number only 59 males and 62 females out of every 100 over the age of 15. The proportion for the different religions is as shown in the margin for females only. The variation between the religions is not great; Animists have fewest married, probably because their women marry later than those who are fettered by the trammels of caste observances; the proportion of Christians is influenced by the presence of a certain number of European women some of whom are not married; and there are fewer exceptions to the rule of universal marriage among Musalmans than among Hindus.

Number married and widowed per 1,000 aged 15 and over.

|                       |      | Males. | Females. |
|-----------------------|------|--------|----------|
| England and Wales ... | 1911 | 589    | 615      |
|                       | 1921 | 750    | 947      |
| Madras ...            | 1911 | 754    | 945      |
|                       | 1901 | 745    | 946      |

10. We do see however from Imperial Table VII that there were in 1921 8,092,817 unmarried females in the Presidency, of whom 726,233 are over the age of 15. Of these 599,000 are Hindus, 60,000 are Musalmans, 47,000 are Christians, 19,625 are Animists. Special sortings were made of the slips for these women in order to ascertain their caste, literacy, and occupation, and so to gain some clue as to what kept them from marriage. The result of this sorting is almost entirely negative. Adult women who remain unmarried are of all castes, they follow all occupations, and the proportion of literacy among them is no greater than it is in the female population as a whole. Take, for instance, Brāhman women in Trichinopoly district, of whom there are 184 over 15 years of age unmarried. Only 20 of them are literate; all but 26 are supported by agriculture; of the 26 who depend on occupations other than agriculture only 3 are actual workers; and of these 3, one is a beggar and two are merchants. As a rule the occupation is agriculture, or the traditional occupation of the caste, or general labour. It is only among Kaikōlars that any considerable number of these unmarried women return their occupation as that of a "dancing girl."

11. The statement in the margin shows the proportion of wives to husbands in each natural division in 1911 and in 1921. In the decade the proportion of wives has risen in the East Coast North division and on the West Coast. On the East Coast this variation is undoubtedly due to greater casual emigration to Burma and other places to which men go for a comparatively short time unaccompanied by their women-folk. The decrease in the Agency, the Deccan and the East Coast Central is due to influenza which, as we have seen in Chapter I, was especially fatal to women in the prime of life. Subsidiary table 4 sets out the figures for each religion; the only remarkable feature is that Muhammadans in the East Coast South division still show a very large excess of wives, the proportion per mille being 1,299, while in no other case does it exceed 1,100. The figures for the several districts in the division are shown in the margin. A number of Muhammadans round the coast of Rāmnād and Tinnevely are sailors and merchants who voyage to and from Ceylon. As a rule they leave their wives at home. Hence it is natural to

Number of married females per 1,000 married males.

|                        | 1921. | 1911. |
|------------------------|-------|-------|
| Madras Presidency ...  | 1,081 | 1,084 |
| Agency ...             | 979   | 1,010 |
| East Coast North ...   | 1,088 | 1,077 |
| Deccan ...             | 962   | 1,027 |
| East Coast Central ... | 1,036 | 1,044 |
| East Coast South ...   | 1,084 | 1,091 |
| West Coast ...         | 1,077 | 1,070 |

time unaccompanied by their women-folk. The decrease in the Agency, the Deccan and the East Coast Central is due to influenza which, as we have seen in Chapter I, was especially fatal to women in the prime of life. Subsidiary table 4 sets out the figures for each religion; the only remarkable feature is that Muhammadans in the East Coast South division still show a very large excess of wives, the proportion per mille being 1,299, while in no other case does it exceed 1,100.

Number of wives per 1,000 husbands among Muhammadans.

| District.        | 1921. | 1911. | 1901. |
|------------------|-------|-------|-------|
| Tanjore ...      | 1,356 | 1,367 | 1,400 |
| Trichinopoly ... | 1,104 | 1,130 | 1,074 |
| Madura ...       | 1,039 | 1,082 | 1,372 |
| Rāmnād ...       | 1,617 | 1,528 | 1,376 |
| Tinnevely ...    | 1,301 | 1,357 | 1,376 |



find a very large preponderance of women in those districts. Similarly from Tanjore the men emigrate in numbers to the Straits leaving their wives behind.

Civil condition in urban and rural populations

12. If 1,000 persons of each sex are taken from the population, the distribution by civil condition will be as shown in the margin. The population of the Presidency is so overwhelmingly rural, that the proportion for the rural population differs from that for the total population by one only in unmarried and married. The distribution of the population of Madras City, and of the city population generally, varies considerably; the appended figures show that in Madras City to a marked degree and to a less extent in other cities the proportion of unmarried and widowed is lower and that of the married is higher than in the population as a whole. Marriage is so universal that this is simply a repetition in another form of the remark in Chapter V that the cities attract mainly persons in the prime of life. Another characteristic of city life is that whereas in the population as a whole there are 1,061 wives for every 1,000 husbands, in Madras City there are only 920 and in the 17 cities together 972. This means that in the cities there is a larger proportion of males in the prime of life, a conclusion which in Chapter V we have seen borne out by the statistics of age, and a condition which is generally recognized as characteristic of urban life.

|               | Madras City. |          | Cities. |          |
|---------------|--------------|----------|---------|----------|
|               | Males.       | Females. | Males.  | Females. |
| Unmarried ... | 491          | 348      | 508     | 350      |
| Married ...   | 473          | 479      | 453     | 458      |
| Widowed ...   | 36           | 173      | 89      | 192      |

1.—Distribution by civil condition of 1,000 of each sex, religion, and main age-period at each of the last four censuses.

| Religion.      | Sex and age.    | Unmarried. |       |       |       | Married. |       |       |       | Widowed. |       |       |       |
|----------------|-----------------|------------|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|
|                |                 | 1921.      | 1911. | 1901. | 1891. | 1921.    | 1911. | 1901. | 1891. | 1921.    | 1911. | 1901. | 1891. |
| All religions. | Males ...       | 531        | 533   | 552   | 539   | 425      | 428   | 409   | 427   | 44       | 39    | 39    | 34    |
|                | 0-5 ...         | 997        | 998   | 998   | 996   | 3        | 2     | 2     | 4     | ...      | ...   | ...   | ...   |
|                | 5-10 ...        | 990        | 991   | 993   | 991   | 10       | 9     | 7     | 9     | ...      | ...   | ...   | ...   |
|                | 10-15 ...       | 988        | 982   | 967   | 961   | 31       | 37    | 32    | 38    | 1        | 1     | 1     | 1     |
|                | 15-20 ...       | 865        | 849   | 867   | 842   | 132      | 148   | 130   | 155   | 3        | 3     | 3     | 3     |
|                | 20-40 ...       | 246        | 237   | 255   | 244   | 720      | 736   | 715   | 734   | 34       | 27    | 30    | 22    |
|                | 40-60 ...       | 27         | 30    | 30    | 27    | 866      | 876   | 872   | 885   | 107      | 94    | 98    | 88    |
|                | 60 and over ... | 21         | 20    | 18    | 17    | 725      | 732   | 733   | 736   | 254      | 248   | 249   | 247   |
|                | Females ...     | 373        | 373   | 390   | 372   | 438      | 441   | 419   | 436   | 189      | 186   | 191   | 192   |
|                | 0-5 ...         | 991        | 994   | 994   | 990   | 8        | 6     | 6     | 9     | 1        | ...   | ...   | 1     |
|                | 5-10 ...        | 955        | 946   | 955   | 937   | 42       | 52    | 44    | 61    | 3        | 2     | 1     | 2     |
|                | 10-15 ...       | 772        | 740   | 759   | 696   | 218      | 252   | 233   | 294   | 10       | 8     | 8     | 10    |
|                | 15-20 ...       | 280        | 271   | 286   | 225   | 685      | 697   | 681   | 745   | 35       | 32    | 33    | 30    |
| Hindu.         | 20-40 ...       | 29         | 31    | 28    | 31    | 820      | 823   | 820   | 821   | 151      | 141   | 152   | 148   |
|                | 40-60 ...       | 10         | 10    | 12    | 17    | 480      | 479   | 451   | 434   | 510      | 511   | 537   | 549   |
|                | 60 and over ... | 8          | 7     | 9     | 12    | 154      | 137   | 113   | 107   | 838      | 856   | 878   | 881   |
|                | Males ...       | 527        | 528   | 548   | 535   | 428      | 432   | 412   | 430   | 45       | 40    | 40    | 35    |
|                | 0-5 ...         | 997        | 998   | 998   | 996   | 3        | 2     | 2     | 4     | ...      | ...   | ...   | ...   |
|                | 5-10 ...        | 990        | 990   | 992   | 991   | 10       | 10    | 8     | 9     | ...      | ...   | ...   | ...   |
|                | 10-15 ...       | 966        | 958   | 965   | 958   | 33       | 41    | 34    | 41    | 1        | 1     | 1     | 1     |
|                | 15-20 ...       | 857        | 842   | 859   | 836   | 140      | 155   | 138   | 161   | 3        | 3     | 3     | 3     |
|                | 20-40 ...       | 244        | 235   | 253   | 242   | 722      | 739   | 717   | 735   | 34       | 26    | 30    | 28    |
|                | 40-60 ...       | 27         | 31    | 30    | 28    | 864      | 873   | 870   | 883   | 109      | 96    | 100   | 89    |
|                | 60 and over ... | 21         | 21    | 18    | 17    | 722      | 728   | 730   | 732   | 257      | 251   | 252   | 251   |
|                | Females ...     | 366        | 366   | 383   | 367   | 441      | 445   | 422   | 438   | 193      | 189   | 195   | 195   |
|                | 0-5 ...         | 991        | 994   | 994   | 990   | 8        | 6     | 6     | 10    | 1        | ...   | ...   | ...   |
|                | 5-10 ...        | 952        | 941   | 950   | 932   | 46       | 57    | 48    | 66    | 2        | ...   | ...   | ...   |
| Musalman.      | 10-15 ...       | 756        | 723   | 743   | 679   | 234      | 268   | 248   | 310   | 10       | 9     | 9     | 11    |
|                | 15-20 ...       | 265        | 262   | 276   | 219   | 699      | 705   | 690   | 750   | 36       | 33    | 34    | 31    |
|                | 20-40 ...       | 26         | 29    | 26    | 30    | 820      | 827   | 819   | 819   | 154      | 144   | 155   | 151   |
|                | 40-60 ...       | 9          | 10    | 11    | 16    | 476      | 476   | 448   | 431   | 515      | 514   | 541   | 553   |
|                | 60 and over ... | 8          | 7     | 8     | 12    | 150      | 135   | 112   | 106   | 842      | 858   | 880   | 882   |
|                | Males ...       | 579        | 592   | 598   | 582   | 387      | 388   | 373   | 394   | 34       | 30    | 29    | 24    |
|                | 0-5 ...         | 999        | 999   | 999   | 997   | 1        | 1     | 1     | 3     | ...      | ...   | ...   | ...   |
|                | 5-10 ...        | 997        | 997   | 997   | 997   | 3        | 3     | 3     | 3     | ...      | ...   | ...   | ...   |
|                | 10-15 ...       | 990        | 989   | 989   | 990   | 10       | 11    | 11    | 10    | ...      | ...   | ...   | ...   |
|                | 15-20 ...       | 933        | 918   | 934   | 918   | 64       | 78    | 64    | 81    | 3        | 4     | 2     | 1     |
|                | 20-40 ...       | 280        | 271   | 286   | 272   | 687      | 700   | 686   | 711   | 33       | 29    | 28    | 17    |
|                | 40-60 ...       | 23         | 23    | 25    | 26    | 898      | 905   | 901   | 914   | 79       | 72    | 74    | 60    |
|                | 60 and over ... | 19         | 16    | 22    | 21    | 768      | 776   | 777   | 786   | 213      | 208   | 201   | 193   |
|                | Females ...     | 417        | 412   | 428   | 412   | 413      | 413   | 398   | 416   | 170      | 175   | 174   | 172   |
| Christian.     | 0-5 ...         | 997        | 998   | 998   | 995   | 3        | 2     | 2     | 5     | ...      | ...   | ...   | ...   |
|                | 5-10 ...        | 990        | 987   | 987   | 981   | 9        | 12    | 12    | 18    | 1        | 1     | 1     | 1     |
|                | 10-15 ...       | 877        | 855   | 861   | 818   | 119      | 140   | 135   | 178   | 4        | 5     | 4     | 4     |
|                | 15-20 ...       | 317        | 268   | 286   | 233   | 650      | 693   | 681   | 746   | 33       | 39    | 33    | 21    |
|                | 20-40 ...       | 35         | 26    | 36    | 43    | 822      | 830   | 821   | 831   | 143      | 144   | 143   | 126   |
|                | 40-60 ...       | 11         | 8     | 20    | 32    | 470      | 458   | 440   | 433   | 519      | 534   | 540   | 535   |
|                | 60 and over ... | 9          | 5     | 19    | 26    | 141      | 125   | 107   | 103   | 850      | 870   | 874   | 871   |
|                | Males ...       | 552        | 561   | 584   | 564   | 405      | 407   | 385   | 407   | 43       | 32    | 31    | 29    |
|                | 0-5 ...         | 998        | 998   | 998   | 996   | 2        | 2     | 2     | 3     | ...      | ...   | ...   | ...   |
|                | 5-10 ...        | 994        | 997   | 997   | 995   | 6        | 3     | 3     | 4     | ...      | ...   | ...   | ...   |
|                | 10-15 ...       | 984        | 989   | 991   | 990   | 16       | 11    | 9     | 10    | ...      | ...   | ...   | ...   |
|                | 15-20 ...       | 930        | 923   | 938   | 908   | 68       | 76    | 61    | 90    | 2        | 1     | 1     | 2     |
|                | 20-40 ...       | 251        | 245   | 261   | 227   | 717      | 735   | 716   | 754   | 32       | 20    | 23    | 19    |
|                | 40-60 ...       | 27         | 28    | 24    | 21    | 869      | 890   | 894   | 907   | 104      | 82    | 82    | 72    |
|                | 60 and over ... | 21         | 19    | 17    | 14    | 713      | 746   | 752   | 753   | 266      | 235   | 231   | 233   |
|                | Females ...     | 451        | 446   | 462   | 440   | 414      | 411   | 390   | 408   | 135      | 143   | 148   | 152   |
|                | 0-5 ...         | 997        | 997   | 997   | 993   | 3        | 3     | 3     | 6     | ...      | ...   | ...   | 1     |
|                | 5-10 ...        | 989        | 991   | 991   | 983   | 10       | 9     | 8     | 18    | 1        | ...   | 1     | 1     |
|                | 10-15 ...       | 930        | 915   | 926   | 887   | 67       | 83    | 71    | 110   | 3        | 2     | 3     | 3     |
|                | 15-20 ...       | 474        | 439   | 468   | 374   | 512      | 549   | 518   | 612   | 14       | 12    | 14    | 14    |
|                | 20-40 ...       | 68         | 63    | 53    | 47    | 831      | 836   | 837   | 845   | 103      | 101   | 110   | 108   |
|                | 40-60 ...       | 26         | 22    | 19    | 17    | 562      | 541   | 514   | 490   | 412      | 437   | 467   | 493   |
|                | 60 and over ... | 20         | 16    | 16    | 12    | 240      | 170   | 142   | 138   | 740      | 814   | 842   | 850   |



1.—Distribution by civil condition of 1,000 of each sex, religion, and main age-period at each of the last four censuses—concluded.

| Religion.  | Sex and age.    | Unmarried. |       |       |       | Married. |       |       |       | Widowed. |       |       |       |
|------------|-----------------|------------|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|
|            |                 | 1921.      | 1911. | 1901. | 1891. | 1921.    | 1911. | 1901. | 1891. | 1921.    | 1911. | 1901. | 1891. |
| Animistic. | Males ...       | 526        | 540   | 545   | 524   | 432      | 424   | 415   | 436   | 42       | 36    | 40    | 40    |
|            | 0-5 ...         | 993        | 997   | 996   | 991   | 7        | 3     | 4     | 9     | ...      | ...   | ...   | ...   |
|            | 5-10 ...        | 989        | 991   | 992   | 984   | 10       | 9     | 8     | 16    | 1        | ...   | ...   | ...   |
|            | 10-15 ...       | 971        | 970   | 975   | 952   | 27       | 29    | 24    | 47    | 2        | 1     | 1     | 1     |
|            | 15-20 ...       | 851        | 826   | 865   | 668   | 141      | 168   | 129   | 310   | 8        | 6     | 6     | 22    |
|            | 20-40 ...       | 214        | 206   | 221   | 195   | 738      | 758   | 737   | 761   | 48       | 36    | 42    | 44    |
|            | 40-60 ...       | 27         | 29    | 23    | 22    | 874      | 874   | 868   | 862   | 99       | 97    | 109   | 116   |
|            | 60 and over ... | 26         | 23    | 23    | 13    | 750      | 751   | 723   | 706   | 224      | 226   | 254   | 281   |
|            | Females ...     | 436        | 453   | 455   | 450   | 438      | 444   | 432   | 457   | 126      | 103   | 113   | 93    |
|            | 0-5 ...         | 964        | 985   | 993   | 988   | 7        | 5     | 7     | 12    | 29       | ...   | ...   | ...   |
| Jain       | 5-10 ...        | 960        | 985   | 983   | 979   | 14       | 14    | 16    | 20    | 26       | 1     | 1     | 1     |
|            | 10-15 ...       | 904        | 894   | 912   | 847   | 86       | 103   | 84    | 148   | 10       | 3     | 4     | 5     |
|            | 15-20 ...       | 489        | 446   | 503   | 405   | 486      | 537   | 479   | 568   | 25       | 17    | 18    | 27    |
|            | 20-40 ...       | 61         | 60    | 54    | 50    | 829      | 860   | 862   | 885   | 107      | 80    | 84    | 65    |
|            | 40-60 ...       | 18         | 18    | 15    | 13    | 575      | 609   | 550   | 634   | 407      | 373   | 435   | 353   |
|            | 60 and over ... | 21         | 13    | 17    | 12    | 313      | 288   | 193   | 246   | 666      | 699   | 760   | 742   |
|            | Males ...       | 517        | 515   | 527   | 526   | 414      | 420   | 413   | 416   | 69       | 65    | 60    | 58    |
|            | 0-5 ...         | 995        | 997   | 999   | 998   | 5        | 3     | 1     | 1     | ...      | ...   | ...   | 1     |
|            | 5-10 ...        | 992        | 995   | 994   | 992   | 7        | 5     | 5     | 4     | 1        | ...   | 1     | 4     |
|            | 10-15 ...       | 979        | 984   | 985   | 982   | 20       | 15    | 14    | 15    | 1        | 1     | 1     | 3     |
| Jain       | 15-20 ...       | 919        | 920   | 934   | 916   | 77       | 80    | 66    | 83    | 4        | ...   | ...   | 1     |
|            | 20-40 ...       | 374        | 369   | 381   | 374   | 577      | 588   | 579   | 591   | 49       | 43    | 40    | 35    |
|            | 40-60 ...       | 82         | 75    | 63    | 62    | 765      | 783   | 806   | 802   | 153      | 142   | 131   | 136   |
|            | 60 and over ... | 49         | 32    | 44    | 44    | 660      | 677   | 691   | 687   | 291      | 291   | 285   | 269   |
|            | Females ...     | 298        | 307   | 307   | 301   | 437      | 431   | 424   | 425   | 265      | 262   | 269   | 274   |
|            | 0-5 ...         | 986        | 994   | 994   | 992   | 6        | 6     | 6     | 7     | 8        | ...   | ...   | 1     |
|            | 5-10 ...        | 969        | 976   | 971   | 957   | 18       | 22    | 27    | 39    | 13       | 2     | 2     | 4     |
|            | 10-15 ...       | 750        | 774   | 733   | 704   | 234      | 222   | 282   | 291   | 16       | 4     | 5     | 5     |
|            | 15-20 ...       | 206        | 175   | 165   | 150   | 748      | 796   | 805   | 812   | 46       | 29    | 30    | 38    |
|            | 20-40 ...       | 23         | 15    | 13    | 16    | 781      | 798   | 801   | 774   | 196      | 187   | 186   | 210   |
|            | 40-60 ...       | 13         | 5     | 7     | 11    | 410      | 393   | 366   | 577   | 581      | 600   | 623   | 623   |
|            | 60 and over ... | 17         | 2     | 1     | 7     | 113      | 77    | 57    | 72    | 870      | 921   | 942   | 921   |

2.—Distribution by civil condition of 1,000 of each sex at certain ages in each religion and natural division.

| NATURAL DIVISION<br>AND RELIGION. | MALES.     |          |          |            |          |          |            |          |          |            |          |          | FEMALES.   |          |          |              |          |          |            |          |          |            |          |          |            |          |          |            |          |          |            |          |          |              |     |     |
|-----------------------------------|------------|----------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|--------------|----------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|--------------|-----|-----|
|                                   | All ages.  |          |          | 0-5.       |          |          | 5-10.      |          |          | 10-15.     |          |          | 15-40.     |          |          | 40 and over. |          |          | All ages.  |          |          | 0-5.       |          |          | 5-10.      |          |          | 10-15.     |          |          | 15-40.     |          |          | 40 and over. |     |     |
|                                   | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried.   | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. |              |     |     |
| Province—                         | 531        | 425      | 44       | 997        | 3        | ...      | 990        | 10       | ...      | 988        | 31       | 1        | 368        | 590      | 27       | 26           | 829      | 145      | 373        | 438      | 189      | 991        | 8        | 1        | 992        | 5        | 3        | 772        | 218      | 0        | 78         | 794      | 128      | 10           | 391 | 599 |
| All religions                     | 527        | 428      | 45       | 997        | 3        | ...      | 990        | 10       | ...      | 986        | 33       | 1        | 379        | 594      | 27       | 26           | 837      | 147      | 366        | 441      | 193      | 991        | 8        | 1        | 992        | 46       | 3        | 766        | 234      | 10       | 73         | 796      | 131      | 9            | 388 | 603 |
| Hindu                             | 579        | 387      | 34       | 999        | 1        | ...      | 997        | 3        | ...      | 990        | 10       | ...      | 429        | 545      | 26       | 22           | 864      | 114      | 417        | 413      | 170      | 897        | 3        | ...      | 990        | 9        | 1        | 877        | 119      | 4        | 96         | 784      | 120      | 9            | 392 | 608 |
| Muslim                            | 552        | 406      | 43       | 998        | 2        | ...      | 994        | 6        | ...      | 984        | 16       | ...      | 405        | 570      | 25       | 28           | 827      | 147      | 451        | 414      | 135      | 997        | 3        | ...      | 989        | 10       | 1        | 930        | 67       | 3        | 155        | 762      | 83       | 25           | 480 | 495 |
| Christian                         | 512        | 445      | 43       | 991        | 8        | 1        | 985        | 14       | 1        | 900        | 38       | 2        | 301        | 659      | 40       | 27           | 853      | 120      | 426        | 436      | 138      | 975        | 12       | 13       | 901        | 27       | 12       | 882        | 110      | 8        | 120        | 780      | 100      | 11           | 317 | 672 |
| Agency—                           | 509        | 448      | 43       | 991        | 8        | 1        | 989        | 10       | 1        | 956        | 42       | 2        | 285        | 674      | 41       | 24           | 838      | 138      | 424        | 436      | 140      | 985        | 13       | ...      | 993        | 34       | 3        | 874        | 119      | 7        | 103        | 796      | 101      | 15           | 443 | 542 |
| All religions                     | 521        | 436      | 43       | 992        | 7        | 1        | 987        | 12       | 1        | 968        | 30       | 2        | 337        | 623      | 40       | 29           | 843      | 128      | 440        | 435      | 125      | 991        | 8        | 1        | 981        | 14       | 5        | 906        | 82       | 12       | 157        | 745      | 98       | 20           | 516 | 464 |
| Hindu                             | 523        | 446      | 32       | 991        | 6        | ...      | 986        | 13       | 1        | 890        | 10       | ...      | 250        | 712      | 38       | 21           | 878      | 101      | 472        | 440      | 88       | 992        | 6        | 2        | 977        | 21       | 2        | 982        | 16       | 2        | 111        | 836      | 53       | 13           | 502 | 485 |
| Animistic                         | 498        | 462      | 40       | 995        | 5        | ...      | 980        | 20       | ...      | 921        | 76       | 3        | 311        | 667      | 22       | 21           | 846      | 133      | 321        | 478      | 201      | 980        | 19       | 1        | 880        | 116      | 4        | 558        | 423      | 19       | 41         | 820      | 139      | 7            | 355 | 638 |
| Christian                         | 495        | 466      | 39       | 995        | 5        | ...      | 978        | 21       | 1        | 917        | 81       | 2        | 305        | 674      | 21       | 21           | 847      | 132      | 312        | 481      | 207      | 979        | 21       | ...      | 872        | 124      | 4        | 535        | 446      | 19       | 37         | 819      | 144      | 7            | 373 | 620 |
| East Coast North—                 | 555        | 409      | 36       | 998        | 2        | ...      | 996        | 4        | ...      | 983        | 16       | 1        | 422        | 559      | 19       | 25           | 853      | 122      | 410        | 435      | 155      | 996        | 4        | ...      | 982        | 17       | 1        | 845        | 150      | 5        | 74         | 823      | 103      | 9            | 433 | 558 |
| All religions                     | 512        | 429      | 59       | 997        | 3        | ...      | 990        | 9        | 1        | 977        | 20       | 3        | 358        | 603      | 39       | 20           | 800      | 180      | 456        | 447      | 117      | 996        | 4        | ...      | 985        | 14       | 1        | 875        | 120      | 5        | 96         | 823      | 81       | 25           | 804 | 171 |
| Hindu                             | 544        | 387      | 69       | 996        | 4        | ...      | 994        | 5        | 1        | 980        | 18       | 2        | 422        | 535      | 43       | 52           | 725      | 223      | 357        | 409      | 234      | 993        | 6        | 1        | 907        | 30       | 3        | 722        | 262      | 16       | 51         | 761      | 188      | 15           | 324 | 661 |
| Muslim                            | 542        | 385      | 73       | 997        | 3        | ...      | 994        | 5        | 1        | 980        | 19       | 1        | 424        | 530      | 40       | 55           | 715      | 230      | 354        | 408      | 238      | 992        | 7        | 1        | 904        | 33       | 3        | 704        | 278      | 18       | 91         | 549      | 360      | 13           | 380 | 607 |
| Christian                         | 552        | 399      | 49       | 997        | 3        | ...      | 995        | 4        | 1        | 984        | 15       | 1        | 407        | 564      | 20       | 45           | 795      | 160      | 396        | 420      | 181      | 996        | 4        | ...      | 984        | 14       | 2        | 819        | 175      | 6        | 52         | 816      | 132      | 11           | 370 | 619 |
| Decan—                            | 547        | 399      | 54       | 997        | 3        | ...      | 996        | 4        | ...      | 990        | 10       | ...      | 398        | 569      | 33       | 31           | 788      | 181      | 417        | 409      | 174      | 995        | 5        | ...      | 986        | 13       | 1        | 902        | 94       | 4        | 83         | 792      | 125      | 16           | 388 | 596 |
| All religions                     | 540        | 415      | 42       | 997        | 3        | ...      | 994        | 6        | ...      | 986        | 13       | 1        | 402        | 574      | 24       | 27           | 832      | 141      | 391        | 434      | 175      | 995        | 5        | ...      | 982        | 17       | 1        | 829        | 165      | 6        | 74         | 810      | 116      | 10           | 413 | 577 |
| Hindu                             | 538        | 419      | 43       | 997        | 3        | ...      | 994        | 6        | ...      | 986        | 13       | 1        | 399        | 576      | 25       | 26           | 831      | 143      | 394        | 435      | 171      | 995        | 5        | ...      | 981        | 18       | 1        | 825        | 169      | 6        | 71         | 811      | 118      | 9            | 412 | 579 |
| Muslim                            | 564        | 408      | 29       | 997        | 3        | ...      | 994        | 6        | ...      | 985        | 14       | 1        | 439        | 545      | 16       | 21           | 714      | 265      | 413        | 433      | 154      | 995        | 4        | ...      | 987        | 12       | 1        | 872        | 125      | 3        | 75         | 832      | 63       | 11           | 408 | 581 |
| Christian                         | 580        | 389      | 31       | 997        | 3        | ...      | 994        | 6        | ...      | 988        | 11       | 1        | 408        | 573      | 19       | 23           | 860      | 117      | 476        | 391      | 133      | 992        | 8        | ...      | 987        | 12       | 1        | 927        | 70       | 3        | 142        | 771      | 87       | 23           | 456 | 516 |
| East Coast Central—               | 536        | 420      | 44       | 999        | 1        | ...      | 995        | 5        | ...      | 987        | 12       | 1        | 408        | 567      | 25       | 22           | 832      | 142      | 388        | 429      | 183      | 999        | 1        | ...      | 988        | 11       | 1        | 904        | 93       | 3        | 102        | 790      | 108      | 7            | 414 | 579 |
| All religions                     | 533        | 422      | 45       | 999        | 1        | ...      | 995        | 5        | ...      | 988        | 12       | 1        | 1          | 560      | 49       | 21           | 837      | 142      | 384        | 430      | 186      | 998        | 2        | ...      | 988        | 11       | 1        | 902        | 95       | 3        | 61         | 728      | 111      | 9            | 301 | 680 |
| Hindu                             | 573        | 397      | 30       | 999        | 1        | ...      | 998        | 4        | ...      | 987        | 12       | 1        | 895        | 584      | 21       | 18           | 876      | 106      | 391        | 424      | 185      | 998        | 2        | ...      | 988        | 11       | 1        | 892        | 115      | 3        | 94         | 798      | 108      | 8            | 364 | 628 |
| Muslim                            | 551        | 410      | 39       | 999        | 1        | ...      | 995        | 5        | ...      | 981        | 10       | ...      | 402        | 578      | 20       | 21           | 838      | 141      | 413        | 417      | 140      | 999        | 1        | ...      | 989        | 10       | 1        | 954        | 44       | 2        | 185        | 727      | 86       | 16           | 466 | 488 |
| Christian                         | 536        | 420      | 44       | 999        | 1        | ...      | 995        | 5        | ...      | 987        | 12       | 1        | 408        | 567      | 25       | 22           | 836      | 142      | 388        | 429      | 183      | 999        | 1        | ...      | 988        | 11       | 1        | 904        | 93       | 3        | 102        | 790      | 108      | 7            | 414 | 579 |
| East Coast South—                 | 533        | 422      | 45       | 999        | 1        | ...      | 995        | 5        | ...      | 988        | 12       | 1        | 1          | 560      | 49       | 21           | 837      | 142      | 384        | 430      | 186      | 998        | 2        | ...      | 988        | 11       | 1        | 902        | 95       | 3        | 61         | 728      | 111      | 9            | 301 | 680 |
| All religions                     | 573        | 397      | 30       | 999        | 1        | ...      | 998        | 4        | ...      | 987        | 12       | 1        | 895        | 584      | 21       | 18           | 876      | 106      | 391        | 424      | 185      | 998        | 2        | ...      | 988        | 11       | 1        | 892        | 115      | 3        | 94         | 798      | 108      | 8            | 364 | 628 |
| Hindu                             | 551        | 410      | 39       | 999        | 1        | ...      | 995        | 5        | ...      | 981        | 10       | ...      | 402        | 578      | 20       | 21           | 838      | 141      | 413        | 417      | 140      | 999        | 1        | ...      | 989        | 10       | 1        | 954        | 44       | 2        | 185        | 727      | 86       | 16           | 466 | 488 |
| Muslim                            | 536        | 420      | 44       | 999        | 1        | ...      | 995        | 5        | ...      | 987        | 12       | 1        | 408        | 567      | 25       | 22           | 836      | 142      | 388        | 429      | 183      | 999        | 1        | ...      | 988        | 11       | 1        | 904        | 93       | 3        | 102        | 790      | 108      | 7            | 414 | 579 |
| Christian                         | 533        | 422      | 45       | 999        | 1        | ...      | 995        | 5        | ...      | 988        | 12       | 1        | 1          | 560      | 49       | 21           | 837      | 142      | 384        | 430      | 186      | 998        | 2        | ...      | 988        | 11       | 1        | 902        | 95       | 3        | 61         | 728      | 111      | 9            | 301 | 680 |
| West Coast—                       | 570        | 386      | 38       | 999        | 1        | ...      | 998        | 2        | ...      | 991        | 5        | 1        | 484        | 531      | 35       | 18           | 860      | 122      | 412        | 397      | 191      | 998        | 2        | ...      | 992        | 7        | 1        | 868        | 126      | 6        | 130        | 748      | 132      | 13           | 354 | 633 |
| All religions                     | 563        | 385      | 42       | 999        | 1        | ...      | 998        | 2        | ...      | 993        | 7        | 2        | 425        | 538      | 37       | 33           | 722      | 245      | 397        | 400      | 203      | 998        | 2        | ...      | 990        | 9        | 1        | 866        | 128      | 6        | 123        | 730      | 147      | 15           | 151 | 884 |
| Hindu                             | 605        | 365      | 30       | 1,000      | ...      | ...      | 999        | 1        | ...      | 994        | 6        | ...      | 448        | 519      | 33       | 15           | 889      | 98       | 442        | 391      | 167      | 999        | 1        | ...      | 997        | 3        | ...      | 863        | 131      | 6        | 124        | 743      | 133      | 12           | 369 | 619 |
| Muslim                            | 598        | 370      | 32       | 999        | 1        | ...      | 997        | 3        | ...      | 994        | 6        | ...      | 474        | 569      | 17       | 39           | 841      | 120      | 488        | 377      | 136      | 997        | 3        | ...      | 993        | 6        | 1        | 907        | 31       | 2        | 215        | 709      | 79       | 62           | 439 | 509 |
| Christian                         | 570        | 386      | 38       | 999        | 1        | ...      | 998        | 2        | ...      | 991        | 5        | 1        | 484        | 531      | 35       | 18           | 860      | 122      | 412        | 397      | 191      | 998        | 2        | ...      | 992        | 7        | 1        | 868        | 126      | 6        | 130        | 748      | 132      | 13           | 354 | 633 |

3.—Distribution by main age-periods and civil condition of 10,000 of each sex and religion

| Religion and age. | Males.     |          |          | Females.   |          |          |
|-------------------|------------|----------|----------|------------|----------|----------|
|                   | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. |
| ALL RELIGIONS ... | 5,314      | 4,246    | 440      | 3,730      | 4,383    | 1,887    |
| 0-10 ...          | 9,935      | 62       | 3        | 9,727      | 256      | 17       |
| 10-15 ...         | 9,684      | 805      | 11       | 7,724      | 2,160    | 96       |
| 15-40 ...         | 3,826      | 5,900    | 274      | 781        | 7,936    | 1,283    |
| 40 and over ...   | 256        | 8,296    | 1,448    | 95         | 3,913    | 5,992    |
| HINDU ...         | 5,271      | 4,280    | 449      | 3,660      | 4,410    | 1,930    |
| 0-10 ...          | 9,931      | 66       | 3        | 9,705      | 281      | 14       |
| 10-15 ...         | 9,660      | 329      | 11       | 7,560      | 2,337    | 103      |
| 15-40 ...         | 3,790      | 5,936    | 274      | 723        | 7,960    | 1,312    |
| 40 and over ...   | 258        | 8,271    | 1,471    | 88         | 3,876    | 6,036    |
| MUSALMAN ...      | 5,794      | 3,874    | 332      | 4,169      | 4,128    | 1,703    |
| 0-10 ...          | 9,975      | 23       | 2        | 9,934      | 60       | 6        |
| 10-15 ...         | 9,898      | 97       | 5        | 8,771      | 1,187    | 42       |
| 15-40 ...         | 4,289      | 5,451    | 260      | 980        | 7,846    | 1,194    |
| 40 and over ...   | 218        | 8,645    | 1,137    | 104        | 3,813    | 6,083    |
| CHRISTIAN ...     | 5,522      | 4,052    | 426      | 4,513      | 4,140    | 1,347    |
| 0-10 ...          | 9,958      | 40       | 2        | 9,922      | 73       | 5        |
| 10-15 ...         | 9,837      | 155      | 8        | 9,308      | 666      | 26       |
| 15-40 ...         | 4,047      | 5,703    | 250      | 1,551      | 7,616    | 833      |
| 40 and over ...   | 254        | 8,272    | 1,474    | 245        | 4,805    | 4,950    |
| ANIMISTIC ...     | 5,262      | 4,323    | 415      | 4,357      | 4,385    | 1,257    |
| 0-10 ...          | 9,906      | 88       | 6        | 9,618      | 108      | 274      |
| 10-15 ...         | 9,712      | 269      | 19       | 9,043      | 855      | 102      |
| 15-40 ...         | 3,365      | 6,234    | 401      | 1,466      | 7,626    | 908      |
| 40 and over ...   | 267        | 8,504    | 1,229    | 188        | 5,259    | 4,553    |
| JAIN ...          | 5,167      | 4,135    | 698      | 2,984      | 4,369    | 2,647    |
| 0-10 ...          | 9,937      | 59       | 4        | 9,775      | 121      | 104      |
| 10-15 ...         | 9,786      | 200      | 14       | 7,498      | 2,344    | 158      |
| 15-40 ...         | 4,934      | 4,671    | 395      | 62         | 7,740    | 1,635    |
| 40 and over ...   | 727        | 7,374    | 1,899    | 139        | 3,181    | 6,680    |

4.—Proportion of sexes by civil condition at certain ages for religions and natural divisions.

| Natural division and religion. | Number of females per 1,000 males. |          |          |            |          |          |            |          |          |            |          |          |              |          |          |
|--------------------------------|------------------------------------|----------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|--------------|----------|----------|
|                                | All ages.                          |          |          | 0-10.      |          |          | 10-15.     |          |          | 15-40.     |          |          | 40 and over. |          |          |
|                                | Unmarried.                         | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried.   | Married. | Widowed. |
| Province—                      |                                    |          |          |            |          |          |            |          |          |            |          |          |              |          |          |
| All religions ...              | 722                                | 1,061    | 4,408    | 1,012      | 4,258    | 5,873    | 746        | 6,678    | 8,341    | 217        | 1,426    | 4,955    | 377          | 480      | 4,213    |
| Hindu ...                      | 715                                | 1,061    | 4,424    | 1,012      | 4,424    | 4,722    | 733        | 6,680    | 8,565    | 203        | 1,418    | 5,057    | 351          | 480      | 4,207    |
| Musalman ...                   | 737                                | 1,091    | 5,241    | 994        | 2,837    | 3,825    | 817        | 11,332   | 8,395    | 244        | 1,571    | 5,016    | 474          | 440      | 5,332    |
| Christian ...                  | 834                                | 1,042    | 3,226    | 1,038      | 1,886    | 2,833    | 915        | 4,145    | 3,087    | 412        | 1,436    | 3,577    | 898          | 540      | 3,126    |
| Agency—                        |                                    |          |          |            |          |          |            |          |          |            |          |          |              |          |          |
| All religions ...              | 830                                | 979      | 3,202    | 955        | 1,796    | 18,319   | 1,018      | 3,184    | 4,418    | 404        | 1,198    | 2,494    | 593          | 508      | 3,562    |
| Hindu ...                      | 831                                | 969      | 3,224    | 927        | 2,006    | 3,371    | 1,094      | 3,388    | 4,183    | 358        | 1,168    | 2,459    | 595          | 500      | 3,727    |
| Animistic ...                  | 844                                | 1,000    | 2,936    | 1,051      | 1,195    | 3,727    | 840        | 2,471    | 4,841    | 495        | 1,270    | 2,599    | 593          | 529      | 3,139    |
| Christian ...                  | 922                                | 995      | 2,780    | 1,109      | 1,840    | 6,000    | 877        | 2,462    | ..       | 465        | 842      | 1,568    | 516          | 462      | 3,872    |
| East Coast                     |                                    |          |          |            |          |          |            |          |          |            |          |          |              |          |          |
| North—                         |                                    |          |          |            |          |          |            |          |          |            |          |          |              |          |          |
| All religions ...              | 675                                | 1,088    | 5,323    | 981        | 5,677    | 5,374    | 560        | 5,153    | 6,967    | 143        | 1,349    | 7,119    | 386          | 471      | 4,839    |
| Hindu ...                      | 666                                | 1,092    | 5,555    | 975        | 5,772    | 5,463    | 540        | 5,119    | 7,133    | 133        | 1,341    | 7,600    | 381          | 472      | 5,022    |
| Musalman ...                   | 714                                | 1,042    | 4,366    | 1,034      | 3,786    | 3,500    | 738        | 9,101    | 4,708    | 179        | 1,512    | 5,521    | 320          | 450      | 4,075    |
| Christian ...                  | 833                                | 1,020    | 1,939    | 1,111      | 1,630    | 2,214    | 893        | 5,948    | 2,087    | 280        | 1,423    | 2,156    | 580          | 483      | 1,865    |
| Deccan—                        |                                    |          |          |            |          |          |            |          |          |            |          |          |              |          |          |
| All religions ...              | 625                                | 962      | 2,960    | 1,020      | 4,973    | 3,799    | 661        | 12,874   | 11,351   | 115        | 1,352    | 4,152    | 258          | 397      | 2,838    |
| Hindu ...                      | 629                                | 1,019    | 3,161    | 1,019      | 5,368    | 3,884    | 651        | 13,274   | 11,978   | 112        | 1,349    | 4,152    | 252          | 393      | 2,797    |
| Musalman ...                   | 677                                | 992      | 3,526    | 1,021      | 2,564    | 2,792    | 707        | 9,929    | 5,808    | 119        | 1,360    | 4,328    | 286          | 419      | 3,279    |
| Christian ...                  | 743                                | 999      | 3,124    | 1,035      | 2,875    | 1,200    | 811        | 8,696    | 4,200    | 209        | 1,399    | 3,708    | 455          | 440      | 2,938    |
| East Coast                     |                                    |          |          |            |          |          |            |          |          |            |          |          |              |          |          |
| Central—                       |                                    |          |          |            |          |          |            |          |          |            |          |          |              |          |          |
| All religions ...              | 722                                | 1,036    | 4,131    | 1,033      | 2,652    | 3,912    | 768        | 11,350   | 11,441   | 187        | 1,437    | 4,892    | 350          | 473      | 3,899    |
| Hindu ...                      | 722                                | 1,038    | 4,104    | 1,034      | 2,703    | 3,878    | 765        | 11,609   | 11,767   | 182        | 1,437    | 4,879    | 332          | 476      | 3,868    |
| Musalman ...                   | 690                                | 1,003    | 5,234    | 991        | 1,758    | 5,500    | 776        | 7,667    | 7,364    | 168        | 1,489    | 5,707    | 372          | 401      | 5,091    |
| Christian ...                  | 821                                | 1,008    | 4,225    | 1,025      | 2,243    | 3,000    | 877        | 5,275    | 5,667    | 439        | 1,385    | 4,682    | 1,203        | 590      | 4,088    |
| East Coast                     |                                    |          |          |            |          |          |            |          |          |            |          |          |              |          |          |
| South—                         |                                    |          |          |            |          |          |            |          |          |            |          |          |              |          |          |
| All religions ...              | 770                                | 1,084    | 4,437    | 1,036      | 2,053    | 4,791    | 874        | 7,209    | 10,070   | 277        | 1,537    | 4,620    | 358          | 533      | 4,376    |
| Hindu ...                      | 762                                | 1,073    | 4,365    | 1,034      | 2,021    | 4,761    | 867        | 7,561    | 10,330   | 264        | 1,524    | 4,526    | 327          | 528      | 4,310    |
| Musalman ...                   | 832                                | 1,299    | 7,512    | 1,029      | 3,153    | 6,286    | 929        | 9,677    | 9,222    | 332        | 1,905    | 7,205    | 598          | 534      | 7,614    |
| Christian ...                  | 850                                | 1,077    | 3,779    | 1,022      | 1,813    | 3,857    | 940        | 2,250    | 5,125    | 471        | 1,458    | 4,518    | 791          | 618      | 3,602    |
| West Coast—                    |                                    |          |          |            |          |          |            |          |          |            |          |          |              |          |          |
| All religions ...              | 761                                | 1,077    | 5,225    | 983        | 3,308    | 5,239    | 845        | 19,478   | 25,407   | 322        | 1,518    | 3,811    | 783          | 447      | 5,640    |
| Hindu ...                      | 749                                | 1,073    | 5,148    | 993        | 3,576    | 6,303    | 834        | 19,375   | 30,588   | 319        | 1,499    | 4,445    | 720          | 453      | 5,515    |
| Musalman ...                   | 743                                | 1,094    | 5,672    | 960        | 2,769    | 3,364    | 850        | 23,926   | 18,313   | 304        | 1,569    | 4,511    | 776          | 419      | 6,507    |
| Christian ...                  | 840                                | 1,051    | 4,378    | 973        | 1,697    | 8,000    | 987        | 5,362    | 4,750    | 496        | 1,515    | 4,871    | 1,324        | 521      | 4,244    |

5.—Distribution by civil condition of 1,000 of each sex at certain ages for selected castes.

| Distribution of 1,000 males of each age by civil condition. |            |          |          |            |          |          |            |          |          |            |          |          |            |          |          |              | Distribution of 1,000 females of each age by civil condition. |          |            |          |          |            |          |          |            |          |          |            |          |          |            |          |          |              |     |  |
|-------------------------------------------------------------|------------|----------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|--------------|---------------------------------------------------------------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|--------------|-----|--|
| Caste.                                                      | All ages.  |          |          | 0-5.       |          |          | 5-12.      |          |          | 12-20.     |          |          | 20-40.     |          |          | 40 and over. |                                                               |          | All ages.  |          |          | 0-5.       |          |          | 5-12.      |          |          | 12-20.     |          |          | 20-40.     |          |          | 40 and over. |     |  |
|                                                             | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried.   | Married.                                                      | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. | Unmarried. | Married. | Widowed. |              |     |  |
|                                                             |            |          |          |            |          |          |            |          |          |            |          |          |            |          |          |              |                                                               |          |            |          |          |            |          |          |            |          |          |            |          |          |            |          |          |              |     |  |
| 1                                                           | 543        | 398      | 59       | 992        | 8        | 983      | 15         | 2 010    | 80       | 10         | 325      | 635      | 40         | 51       | 767      | 182          | 350                                                           | 416      | 228        | 991      | 8        | 1 939      | 52       | 9 433    | 532        | 35       | 31       | 774        | 195      | 15       | 343        | 642      |          |              |     |  |
| Baliya ..                                                   | 451        | 493      | 56       | 996        | 14       | 976      | 24         | 1 828    | 188      | 4          | 164      | 797      | 39         | 30       | 739      | 171          | 285                                                           | 480      | 235        | 985      | 15       | ...        | 929      | 69       | 2 182      | 772      | 46       | 12         | 824      | 164      | 3          | 357      | 640      |              |     |  |
| Brāhman, Tamil                                              | 451        | 465      | 64       | 995        | 4        | 991      | 18         | 1 655    | 325      | 19         | 161      | 792      | 47         | 55       | 753      | 192          | 261                                                           | 471      | 268        | 993      | 6        | 1 800      | 103      | 7        | 93         | 814      | 93       | 7          | 744      | 249      | 6          | 307      | 637      |              |     |  |
| Do. Telugu                                                  | 382        | 563      | 55       | 1 000      | ...      | 1 000    | ...        | 943      | 57       | ...        | 272      | 695      | 33         | 74       | 805      | 121          | 376                                                           | 420      | 264        | 1 000    | ...      | 992        | 8        | ...      | 421        | 547      | 82       | 90         | 759      | 151      | 20         | 343      | 637      |              |     |  |
| Do. Embāndri                                                | 477        | 406      | 57       | 1 000      | ...      | 1 000    | ...        | 921      | 70       | 9          | 291      | 647      | 62         | 40       | 839      | 121          | 403                                                           | 300      | 237        | 1 000    | ...      | 987        | 3        | ...      | 613        | 371      | 16       | 105        | 708      | 187      | 59         | 328      | 615      |              |     |  |
| Do. Nambūdrī ..                                             | 451        | 468      | 61       | 1 000      | ...      | 976      | 24         | ...      | 921      | 74         | 5        | 199      | 760        | 41       | 27       | 804          | 169                                                           | 417      | 427        | 156      | 1 000    | ...        | 981      | 19       | ...        | 413      | 565      | 22         | 84       | 788      | 138        | 8        | 470      | 522          |     |  |
| Do. Pattar                                                  | 529        | 424      | 47       | 998        | 2        | 996      | 4          | ...      | 559      | 418        | 23       | 209      | 749        | 42       | 276      | 602          | 122                                                           | 339      | 447        | 214      | 998      | ...        | 897      | 129      | 4          | 74       | 885      | 41         | 22       | 746      | 232        | 162      | 258      | 580          |     |  |
| Do. Kavarao                                                 | 393        | 531      | 73       | 997        | 3        | 940      | 157        | 3 697    | 293      | 10         | 86       | 565      | 49         | 237      | 538      | 175          | 279                                                           | 482      | 239        | 992      | 8        | ...        | 819      | 175      | 6          | 126      | 803      | 71         | 11       | 776      | 213        | 4        | 347      | 649          |     |  |
| Do. Oriya                                                   | 551        | 402      | 47       | 1 000      | ...      | 1 000    | ...        | 932      | 64       | 4          | 181      | 757      | 62         | 12       | 844      | 144          | 412                                                           | 386      | 202        | 1 000    | ...      | 994        | 5        | ...      | 1 588      | 345      | 27       | 56         | 756      | 186      | 15         | 318      | 667      |              |     |  |
| Cheruman ..                                                 | 467        | 463      | 50       | 996        | 4        | 982      | 18         | ...      | 804      | 193        | 3        | 173      | 793        | 34       | 15       | 830          | 155                                                           | 354      | 469        | 177      | 994      | 6          | ...      | 979      | 18         | 3        | 605      | 380        | 15       | 65       | 803        | 132      | 12       | 490          | 492 |  |
| Ochetti ..                                                  | 441        | 501      | 53       | 982        | 7        | 970      | 31         | 9 718    | 270      | 12         | 123      | 835      | 42         | 28       | 804      | 108          | 242                                                           | 529      | 229        | 973      | 25       | 2 690      | 301      | 9        | 89         | 867      | 44       | 16         | 808      | 176      | 7          | 341      | 652      |              |     |  |
| Devānga                                                     | 614        | 348      | 38       | 988        | 2        | 992      | 7          | 1 956    | 39       | 5          | 288      | 678      | 34         | 46       | 810      | 144          | 436                                                           | 374      | 190        | 995      | 4        | 1 981      | 17       | 2        | 688        | 292      | 20       | 65         | 790      | 145      | 24         | 329      | 637      |              |     |  |
| Holey ..                                                    | 538        | 415      | 47       | 996        | 4        | 970      | 21         | 3 829    | 161      | 10         | 176      | 774      | 50         | 40       | 803      | 151          | 425                                                           | 439      | 135        | 984      | 6        | ...        | 960      | 38       | 2          | 498      | 462      | 40         | 62       | 802      | 136        | 27       | 561      | 412          |     |  |
| Kalkolan                                                    | 351        | 607      | 42       | 977        | 20       | 981      | 194        | 5 403    | 575      | 22         | 37       | 934      | 29         | 7        | 863      | 128          | 170                                                           | 613      | 217        | 837      | 160      | 3 385      | 641      | 24       | 26         | 918      | 50       | 7          | 823      | 170      | 3          | 367      | 630      |              |     |  |
| Sengunda Kohatriya                                          | 468        | 501      | 31       | 995        | 5        | 983      | 62         | ...      | 415      | 495        | 60       | 18       | 956        | 26       | 5        | 920          | 75                                                            | 232      | 571        | 197      | 980      | 19         | 1 531    | 411      | 8          | 94       | 862      | 44         | 10       | 831      | 159        | 4        | 370      | 626          |     |  |
| Kālinji ..                                                  | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...          | ...                                                           | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...          |     |  |
| Kāmālān ..                                                  | 524        | 408      | 68       | 999        | 1        | 986      | 13         | 1 954    | 33       | 13         | 207      | 734      | 59         | 33       | 760      | 207          | 443                                                           | 412      | 145        | 995      | 2        | ...        | 968      | 10       | 1          | 693      | 290      | 17         | 70       | 800      | 130        | 12       | 521      | 467          |     |  |
| Panchālān                                                   | 468        | 486      | 46       | 993        | 7        | 972      | 27         | 1 792    | 202      | 6          | 135      | 832      | 33         | 20       | 827      | 153          | 233                                                           | 457      | 250        | 993      | 35       | 2 688      | 341      | 21       | 53         | 838      | 109      | 8          | 716      | 276      | 5          | 294      | 701      |              |     |  |
| Brāhman, Vīsva                                              | 468        | 488      | 44       | 992        | 8        | 944      | 54         | 2 729    | 285      | 6          | 138      | 785      | 27         | 30       | 827      | 143          | 263                                                           | 498      | 239        | 990      | 48       | 2 062      | 324      | 14       | 200        | 746      | 54       | 13         | 786      | 261      | 6          | 333      | 681      |              |     |  |
| Karma (Tamil)                                               | 468        | 471      | 51       | 999        | 1        | 978      | 22         | 760      | 230      | 10         | 179      | 778      | 43         | 34       | 779      | 187          | 277                                                           | 482      | 241        | 995      | 5        | ...        | 823      | 172      | 5          | 140      | 797      | 62         | 21       | 756      | 223        | 6        | 365      | 629          |     |  |
| Panchālān, Vīsva                                            | 520        | 438      | 42       | 997        | 3        | 989      | 11         | ...      | 834      | 180        | 6        | 179      | 754        | 37       | 20       | 847          | 133                                                           | 344      | 433        | 173      | 995      | 5          | ...      | 863      | 103        | 4        | 262      | 700        | 38       | 19       | 837        | 144      | 8        | 446          | 547 |  |
| Brāhman                                                     | 542        | 422      | 36       | 998        | 2        | 993      | 7          | ...      | 904      | 93         | 3        | 174      | 792        | 34       | 18       | 863          | 119                                                           | 391      | 462        | 147      | 992      | 7          | 1 960    | 38       | 2          | 448      | 535      | 17         | 20       | 865      | 105        | 10       | 456      | 534          |     |  |
| Karma (Telugu)                                              | 461        | 489      | 50       | 992        | 8        | 953      | 45         | 2 716    | 245      | 9          | 115      | 847      | 38         | 21       | 817      | 102          | 276                                                           | 510      | 214        | 974      | 25       | 1 729      | 251      | 10       | 126        | 821      | 53       | 13         | 806      | 131      | 8          | 368      | 626      |              |     |  |
| Kāpā                                                        | 513        | 398      | 86       | 1 000      | ...      | 997      | 3          | ...      | 879      | 1 8        | 13       | 211      | 717        | 72       | 24       | 715          | 261                                                           | 457      | 404        | 139      | 990      | 1          | ...      | 996      | 4          | ...      | 762      | 230        | 8        | 68       | 817        | 115      | 14       | 520          | 457 |  |
| Kōnāṭi, Aīrya Vāīsva                                        | 553        | 380      | 67       | 1 000      | ...      | 999      | 1          | ...      | 915      | 70         | 15       | 259      | 663        | 78       | 14       | 797          | 189                                                           | 454      | 368        | 178      | 1 000    | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...          |     |  |
| Tiyān ..                                                    | 514        | 423      | 63       | 994        | 6        | 987      | 12         | 1 830    | 150      | 20         | 258      | 684      | 58         | 43       | 781      | 176          | 390                                                           | 434      | 176        | 992      | 7        | ...        | 976      | 22       | 2          | 633      | 350      | 17         | 45       | 821      | 134        | 16       | 466      | 518          |     |  |
| Vellālā ..                                                  | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...          | ...                                                           | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...        | ...      | ...      | ...          |     |  |

## CHAPTER VIII.—LITERACY.

SINCE 1871 the census schedule has contained a column in which the literacy of the population is recorded. Until 1901 the population was classified into three categories—Learning, Literate and Illiterate. It was found, however, that the return of those learning was far from complete—some being returned as illiterate, and some as literate. So from 1901 onwards the return has been simplified; the column is filled up only for those who are literate, and the population is classified into literate and illiterate. Another column is provided for an entry against all who are literate in English. A standard of literacy was first prescribed in Madras in 1901, when instructions were issued that a person was only to be described as literate if he could write a letter to a friend and read the answer to it. This standard was adopted for the whole of India in 1911 and has been retained at the present census. The instructions were clear and there is no doubt that the enumerators understood them; so it is reasonable to conclude that the statistics are approximately accurate.

2. The results are tabulated in Imperial Table VIII, Part I of which starts with a provincial summary and then gives particulars for districts and States by religion and by age; Part II gives particulars for cities by age but not by religion. Imperial Table IX gives the number of literate males and females of each caste, tribe, or race. At the end of this chapter are ten subsidiary tables in which the main features of the statistics are exhibited as follows:—

- (1) giving the proportional figures of literacy by age, sex and religion;
- (2) giving similar figures by age, sex and districts;
- (3) giving similar figures by religion, sex and districts;
- (4) giving proportional figures of English literacy by age, sex and districts;
- (5) showing the progress of literacy since 1881;
- (6) giving proportional figures of literacy by caste;
- (7) giving the number of educational institutions according to the returns of the Educational Department;
- (8) giving the main results of University examinations;
- (9) showing the number and circulation of newspapers; and
- (10) giving the number of books published in each language.

3. For most of the provinces of India statistics have been obtained of the extent of literacy, and these figures are shown in the margin. Burma, whose people and customs differ so widely from those of the rest of India, far surpasses all other provinces in literacy. Next of the bigger provinces comes Bengal, with Madras third. Of the Indian States, Travancore and Cochin come first and second with Baroda third and Mysore fourth. There is a considerable difference in the order in which the provinces rank for literacy in English. Of the bigger provinces Bengal is first with Bombay second, Madras third and Burma fourth.

| Province.         | Number literate per mille aged 5 and over. | Number literate in English per mille aged 5 and over. |
|-------------------|--------------------------------------------|-------------------------------------------------------|
| Burma             | 314                                        | 10                                                    |
| Coorg             | 144                                        | 20                                                    |
| Delhi             | 122                                        | 38                                                    |
| Bengal            | 104                                        | 19                                                    |
| Madras            | 98                                         | 11                                                    |
| Bombay            | 83                                         | 12                                                    |
| Assam             | 63                                         | ...                                                   |
| Bihar and Orissa  | 51                                         | 4                                                     |
| Punjab            | 45                                         | 7                                                     |
| Central Provinces | 43                                         | 5                                                     |
| United Provinces  | 42                                         | 4                                                     |
| Travancore State  | 242                                        | 13                                                    |
| Cochin            | 185                                        | 18                                                    |
| Baroda            | 147                                        | 8                                                     |
| Mysore            | 84                                         | 12                                                    |

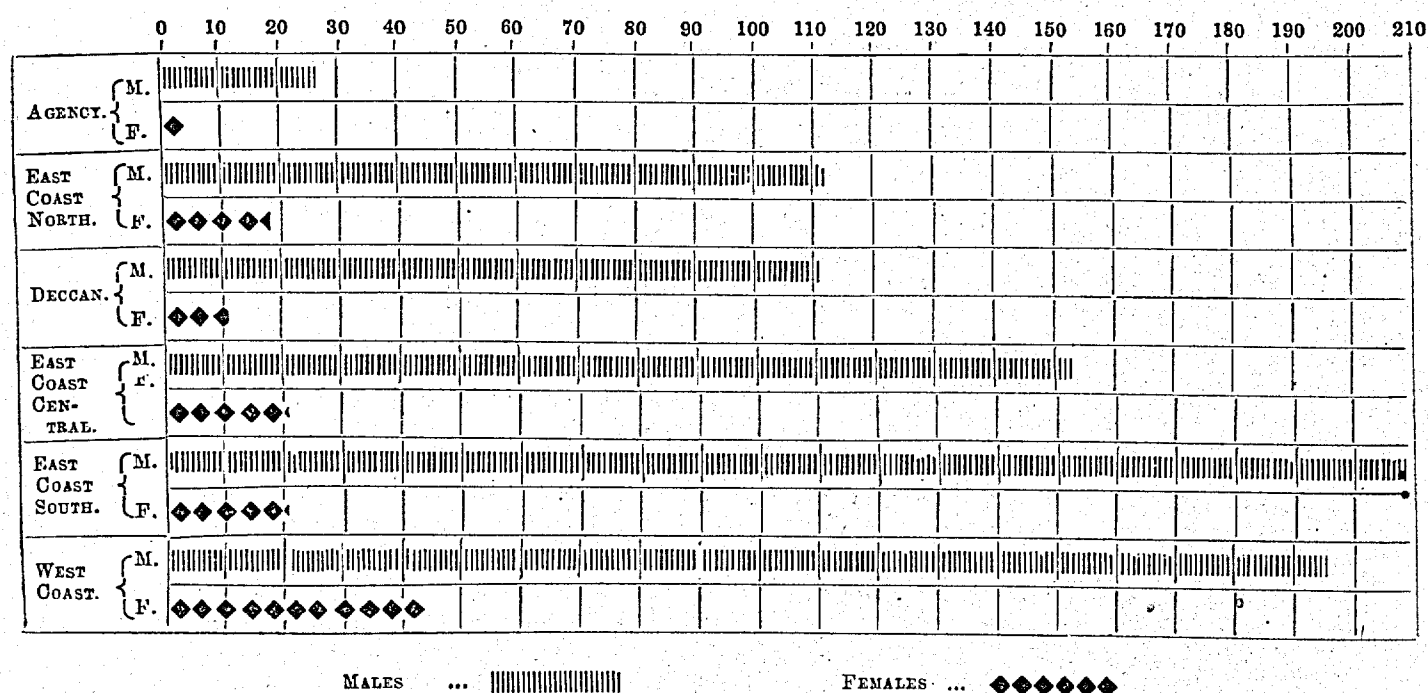
4. The main fact to be learnt from these statistics is that of 42,794,155 persons in Madras 3,667,737 are literate. There are now 537,487 more literate

persons than there were in 1911. This represents an increase of 13 per mille relatively to the total population. The general population has, during the decade, increased by 22 per mille; literates have multiplied by 172 per mille, and illiterates by no more than 10 per mille. Yet even now only 86 in every thousand of the people, 152 men and 21 women in every thousand of each sex, can read and write.]

#### Literacy by natural divisions

5. The maps at the beginning of the report illustrate the distribution of the literate population of each sex, and the diagram illustrates the relative position of the natural divisions in this respect. In respect of both sexes the Agency, as might be expected, is the most illiterate part of the Presidency. The East Coast North division is slightly more literate than the Deccan, the difference being more strongly marked in the case of females than of males. The East Coast South division is decidedly more literate than the East Coast Central, and the West Coast division, while it has slightly fewer literate males than the East Coast South division, is so far ahead in female literacy, that it easily takes the first place in literacy of the population generally.

Number of literate persons per mille by sex in each natural division.



#### Literacy by districts

6. Leaving out of account the city of Madras and the districts of Anjengo and the Nilgiris the conditions of which are peculiar, the districts with the highest proportion of literates are Tinnevely, Tanjore, Malabar and Rāmnād. Taking male literacy alone, the leading districts are Tanjore, Tinnevely, Rāmnād and Malabar; while taking female literacy by itself, the following districts come first:—Malabar, Tinnevely, South Kanara, Kistna, Gōdāvari, Tanjore and Chingleput. In respect of male literacy the most backward districts are Vizagapatam, Salem and Nellore, while female literacy is lowest in Ganjām, Salem and Cuddapah.

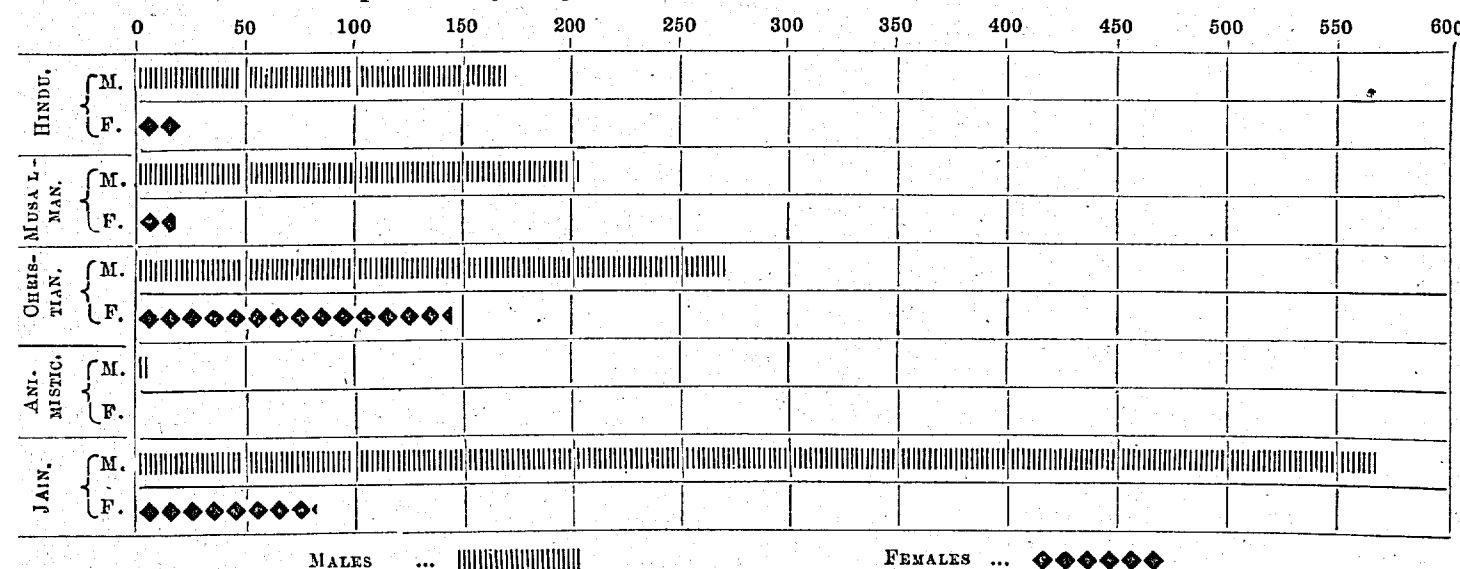
7. The next diagram illustrates the relative position of the main religions in respect of literacy. The figures in the margin compare the proportion of literates at all ages in each religion for the last three censuses: the diagram shows the proportion of those aged 5 and over who are literate. The proportion of literates has increased in all religions. In the case of males the rate of increase is lower than in 1901-1911; but it must be remembered that the rate of increase of the population has been lower too. In the case of female literacy, however, there has been a quickening up of the rate of progress in all religions especially among Hindus. The Musalman male literates are still proportionately more numerous than Hindus; but the Musalmans have, during the last decade, lost some of their lead.

#### Literacy by religion

|                | Number per 1,000 of all ages who are literate. |          |        |          |        |          |
|----------------|------------------------------------------------|----------|--------|----------|--------|----------|
|                | 1921.                                          |          | 1911.  |          | 1901.  |          |
|                | Males.                                         | Females. | Males. | Females. | Males. | Females. |
| All religions. | 152                                            | 21       | 138    | 13       | 119    | 9        |
| Hindu ...      | 150                                            | 18       | 135    | 11       | 116    | 7        |
| Musalman ...   | 174                                            | 15       | 168    | 11       | 141    | 9        |
| Christian ...  | 235                                            | 124      | 226    | 106      | 198    | 91       |
| Animistic ...  | 4                                              | ...      | 4      | ...      | 5      | ...      |

but the Musalmans have, during the last decade, lost some of their lead.

Number per mille aged 5 years and over of each main religion who are literate.



8. With only 21 in 1,000 literate it is evident that female literacy has a lot of ground to cover before it overtakes male literacy. Still it is a matter for congratulation that the rate of progress has just doubled in the decade 1911-1921 compared with 1901-1911. In 1901-1911 the proportion rose from 9 to 13 in 1,000; in 1921 the proportion is 21 in 1,000. The actual increase in the decade is 172,041 compared with an actual increase in 1901-1911 of 104,366; and of these 172,041 women 52,854 are at ages 10-20 and will be the mothers of the coming generation. In relation to the total population literate women have increased by 8 per mille, Hindus by 7 per mille, Musalmans by 4 per mille, and Christians by 18 per mille. The figures in the margin show clearly the improvement which has been made in the last decade. Literates have in all religions except the Christian increased more rapidly than in 1901-1911 and illiterates in all religions show a very much smaller increase.

#### Literacy of females

|               | Rate of increase per mille. |            |              |            |
|---------------|-----------------------------|------------|--------------|------------|
|               | Literates.                  |            | Illiterates. |            |
|               | 1911-1921.                  | 1901-1911. | 1911-1921.   | 1901-1911. |
| All religions | 604                         | 578        | 12           | 81         |
| Hindu         | 700                         | 681        | 10           | 79         |
| Musalman      | 484                         | 400        | 29           | 112        |
| Christian     | 328                         | 355        | 114          | 142        |



## Literacy by age

| Religion.      | Literates (both sexes) per mille. |       |       |       |              |       |
|----------------|-----------------------------------|-------|-------|-------|--------------|-------|
|                | 10-15.                            |       | 15-20 |       | 20 and over. |       |
|                | 1921.                             | 1911. | 1921. | 1911. | 1921.        | 1911. |
| All religions. | 83                                | 72    | 126   | 107   | 115          | 103   |
| Hindu ...      | 80                                | 69    | 122   | 102   | 111          | 99    |
| Musalman ...   | 70                                | 66    | 119   | 111   | 141          | 134   |
| Christian ...  | 220                               | 202   | 289   | 271   | 222          | 211   |

| Religion.      | Increase per mille of literates (both sexes). |            |            |            |              |            |
|----------------|-----------------------------------------------|------------|------------|------------|--------------|------------|
|                | 10-15.                                        |            | 15-20.     |            | 20 and over. |            |
|                | 1911-1921.                                    | 1901-1911. | 1911-1921. | 1901-1911. | 1911-1921.   | 1901-1911. |
| All religions. | 214                                           | 290        | 155        | 316        | 157          | 277        |
| Hindu ...      | 214                                           | 298        | 161        | 307        | 158          | 267        |
| Musalman ...   | 137                                           | 297        | 83         | 361        | 108          | 319        |
| Christian ...  | 269                                           | 254        | 177        | 377        | 218          | 375        |

9. A consideration of the literate population by age-periods suggests various lines of inquiry. It leads first to the question at what age-period the increase of literacy is taking place. Does the proportionate increase at the earlier age-periods exceed that at the later periods? The figures in the margin show a position even more favourable to the younger generation than that of 1911; the proportion of the younger generation to grow up literate is steadily increasing. The figures showing the increase per mille of literates repeat the same story. The increase is of course considerably less than in 1901-1911; but the increase is much greater among the young than among adults.

10. In view of the development of literacy among women figures of female literacy alone similar to those above may be of interest:—

| Religion.         | Literates (females) per mille. |       |        |       |              |       | Increase in female literates per mille. |            |            |            |              |            |
|-------------------|--------------------------------|-------|--------|-------|--------------|-------|-----------------------------------------|------------|------------|------------|--------------|------------|
|                   | 10-15.                         |       | 15-20. |       | 20 and over. |       | 10-15.                                  |            | 15-20.     |            | 20 and over. |            |
|                   | 1921.                          | 1911. | 1921.  | 1911. | 1921.        | 1911. | 1911-1921.                              | 1901-1911. | 1911-1921. | 1901-1911. | 1911-1921.   | 1901-1911. |
| All religions ... | 33                             | 22    | 44     | 29    | 22           | 14    | 577                                     | 514        | 449        | 609        | 620          | 616        |
| Hindu ...         | 29                             | 18    | 38     | 24    | 19           | 11    | 674                                     | 628        | 548        | 690        | 718          | 712        |
| Musalman ...      | 21                             | 16    | 26     | 19    | 18           | 13    | 409                                     | 408        | 337        | 445        | 493          | 393        |
| Christian ...     | 177                            | 160   | 256    | 211   | 139          | 118   | 296                                     | 250        | 162        | 427        | 350          | 418        |

The increase in female literates is still greatest at the older age-period; but the younger generation is rapidly catching up. Muhammadans, however, are an exception to this general statement; in their case the increase at ages 20 and over is greatly in excess of that at the younger ages.

## Progress in literacy

11. From subsidiary table 5 may be learnt the progress in literacy made by each sex in each district since 1891.

| Number literate per 10,000. |       |       |       |       |  |
|-----------------------------|-------|-------|-------|-------|--|
|                             | 1921. | 1911. | 1901. | 1891. |  |
| Males.                      |       |       |       |       |  |
| Madras ...                  | 1,936 | 1,833 | 1,601 | 1,646 |  |
| Agency ...                  | 330   | 311   | 244   | 254   |  |
| East Coast North ...        | 1,444 | 1,305 | 1,112 | 1,118 |  |
| Deccan ...                  | 1,417 | 1,235 | 1,077 | 1,220 |  |
| East Coast Central ...      | 2,008 | 1,872 | 1,673 | 1,734 |  |
| East Coast South ...        | 2,728 | 2,579 | 2,250 | 2,306 |  |
| West Coast ...              | 2,620 | 2,392 | 2,093 | 2,120 |  |
| Females.                    |       |       |       |       |  |
| Madras ...                  | 262   | 171   | 120   | 92    |  |
| Agency ...                  | 40    | 20    | 13    | 8     |  |
| East Coast North ...        | 216   | 127   | 74    | 49    |  |
| Deccan ...                  | 127   | 71    | 51    | 35    |  |
| East Coast Central ...      | 258   | 174   | 125   | 97    |  |
| East Coast South ...        | 261   | 174   | 110   | 78    |  |
| West Coast ...              | 582   | 394   | 319   | 295   |  |

For the purpose of this table account is taken only of literates aged 10 and over and hence the proportional figures are naturally higher than those in subsidiary table 1 which gives the proportion of literates at all ages. The proportion of male literacy in 1891 appears higher than in 1901 because the 1891 figures include those returned as "learning" as well as the "literate." In male literacy the greatest progress has been made on the West Coast especially in the Nilgiris and Malabar, in both of which districts there has been steady progress since 1901. The Deccan is the least literate part of the Presidency except the Agency; but it has made more progress in the past decade than any other part except the

West Coast; and it is the only natural division in which the progress in 1911-1921 has been more rapid than in 1901-1911. The main contribution to this advance has been made in Bellary district, with Anantapur a close second; and this suggests that the progress reflects the stimulus given to education in the Ceded districts by the opening of a new college during the decade at Anantapur. In respect of male literacy the East Coast South division stands first, with Tanjore and Tinnevely districts where a greater proportion of the population is literate than in any other part of the Presidency except Madras and Anjengo. Here the progress in the past decade has been slightly below the Presidency average owing to the fact that the districts of Rāmnaḍ and Tinnevely have remained practically stationary, and that progress in Madura has been very slow. In the East Coast North division, Gōdāvari, Ganjām and Vizagapatam have made most rapid progress, Ganjām and Gōdāvari being the districts with most, and Vizagapatam the district with least, literate males in the division. Progress in Guntūr has been far below the average, and in Nellore and Kistna it has been very slow indeed. The East Coast Central division has made least progress in male literacy of any division, except the Agency, in spite of the fact that it contains Madras where more than half the male population over 10 years of age is literate; in this division the greatest progress has been made in Madras, Chittoor, and Coimbatore, and least in Salem which has a smaller proportion of male literates than any district in the Presidency except Vizagapatam.

12. In every district of the East Coast North and Deccan divisions except Ganjām and Bellary, the proportion of male literates at ages 15-20 exceeds the proportion at ages 20 and over; in the case of females the same is the case throughout the Presidency; but in the Tamil divisions and on the West Coast it is only in Madras and Chittoor, Anjengo and South Kanara that there is a larger proportion of male literates at ages 15-20 than at 20 and over. The inference is that in the northern part of the Presidency, which is more backward in literacy than the south, it is only of recent years that much progress has been made, so that literacy has not yet had time to penetrate among males of adult age to the same extent as among those of an age to be at school or college. In the southern districts, although they are more advanced and it is natural to find a larger proportion of literates among adults than in more backward districts, we should still have expected to find the proportion of literates aged 15-20 higher than that at 20 and over. A certain number of people do learn to read and write after they are grown up—more particularly business men—but it is not altogether hopeful for the future of education in the country to find that in the most progressive part of the Presidency the proportion of youthful literates is less than that of adult literates.

13. The proportion of literate females on the West Coast is more than twice as great as it is anywhere else; yet even there it is less than 25 per cent of the proportion of males who are literate. The greatest advance in female literacy has been on the West Coast, and chiefly in the Nilgiris and South Kanara. Outside the West Coast and Madras City, there has been a substantial advance in Tinnevely, Kistna and Gōdāvari which contain the next largest proportion of literate females. The Deccan, after the Agency, is the most backward division in respect of female education; yet here there has been a 79 per cent increase during the decade as compared with a 39 per cent increase in 1901-1911.

14. In a city it is usual to find more literacy than in rural districts; there are more facilities for education; and in the strenuous life of a city the illiterates are more apt to feel the lack of the power which education gives them.

| City.            | Number literate per 1,000 males. |
|------------------|----------------------------------|
| Madura ...       | 554                              |
| Tanjore ...      | 541                              |
| Kumbakonam ...   | 536                              |
| Tinnevely ...    | 517                              |
| Negapatam ...    | 497                              |
| Trichinopoly ... | 491                              |
| Conjeveram ...   | 470                              |
| Madras ...       | 453                              |

We have already seen that in the Presidency as a whole 152 men and 21 women in every thousand are literate. Columns 6 and 7 of subsidiary table 4 attached to Chapter II give the

Age distribution of literates

Proportion of female literacy

Literacy in cities



corresponding figures for each of the 17 cities. It is remarkable that there are no less than seven cities which contain a larger proportion of literate males than Madras; in four of these cities more than half the male population is literate; and it is noteworthy that all these cities are in the Tamil country. The cities with fewest literate males are Mangalore (233 per mille) and Salem (297 per mille).

15. In respect of female literacy the cities are ranged in quite a different order.

| City.            | Literate per 1,000 females. | order. |
|------------------|-----------------------------|--------|
| Mangalore ...    | 200                         | 1      |
| Madras ...       | 174                         | 2      |
| Calicut ...      | 156                         | 3      |
| Trichinopoly ... | 132                         | 4      |
| Coimbatore ...   | 126                         | 5      |
| Tanjore ...      | 122                         | 6      |
| Rajahmundry ...  | 112                         | 7      |
| Cocanada ...     | 109                         | 8      |
| Kumbakonam ...   | 101                         | 9      |

order. Mangalore, which in point of male literacy comes last, is the first in respect of female literacy. In nine of the cities more than 100 females in every thousand are literate. It is noteworthy that in female literacy the Tamil country has not nearly so marked a preponderance as in male literacy; so far as females are concerned the West Coast comes first, and among the first nine cities are two West Coast cities and two Telugu cities. In male literacy Salem was last but one; in female literacy it is last, only 35 females in 1,000 claiming ability to read and write.

English literacy by religion

16. Particulars of English literacy are given in subsidiary table 4 for each district and natural division. In every 10,000 of the population 94 are literate in English, the proportion in the main religions being 80 Hindus, 64 Musalmans, and 585 Christians. The great majority of these are of course males, the number of females returned as literate in English being 13,254 out of 19½ million Hindus, 673 out of 1½ million Musalmans, and 30,217 out of 700,000 Christians; and of the Christians 13,439 are Europeans or Anglo-Indians to whom English is the ordinary means of communication.

Increase in English literacy

17. There has been in the decade a great increase of those who profess literacy in English.

| Nature of increase. | All religions. | Hindus. | Musal-mans. | Chris-tians. |
|---------------------|----------------|---------|-------------|--------------|
| Actual ...          | 125,764        | 104,422 | 5,684       | 15,361       |
| Per mille ...       | 455            | 528     | 447         | 235          |

contains the largest number of persons who know English to 82 per cent in the Agency where of course the actual numbers are very small, and in the case of females from 53 per cent in the East Coast Central division to 85 per cent in the East Coast North.

18. The increase of English literacy during the decade is much greater than that of literacy generally—in all religions except among Christians.

|                   | Increase per mille. |                       |
|-------------------|---------------------|-----------------------|
|                   | Literates.          | Literates in English. |
| All religions ... | 172                 | 455                   |
| Hindu ...         | 172                 | 528                   |
| Musalman ...      | 113                 | 447                   |
| Christian ...     | 236                 | 285                   |

To so many Christians English is the language of daily use that there is not the same opportunity among Christians as among those of other religions for the knowledge of English to spread. The figures in the margin suggest that secondary or higher education is spreading out of all proportion to the expansion of primary education; it is doubtful how far this is a matter for congratulation.

19. To illustrate the frequency of literacy in the principal castes of the Presidency and to compare the returns of the present census in this respect with those of 1901 and 1911, proportional figures are tabulated in subsidiary table 6. Literacy is of course most frequent among Brāhmans; but as the marginal figures will show, between 1911 and 1921 male literacy has declined among all Brāhmans, but to a very marked degree amongst Telugu, Kanarese and above all "other" Brāhmans, who are chiefly speakers of Marāthi and Tulu. On the other hand, except among Oriyā Brāhmans, female literacy has increased, especially amongst Tamil and Telugu Brāhmans. The only cause of the apparent decline of male literacy which suggests itself is that a number of persons of other less educated castes may, for various reasons, have returned themselves as Brāhmans; and hence the number of Brāhmans has been unduly swollen and the number of illiterates has increased out of all proportion to the literates. In Chapter XI we shall see that there has been an abnormal increase in Telugu and in "other" Brāhmans. The marginal table shows the incidence of literacy among the Hindu castes in which it is commonest after Brāhmans. It is only in very few castes—Telugu artisans, Kaikōlans, Dēvāngas, Tīyans, and Nādārs, most of whom are generally regarded as backward, that the increase in male literacy exceeds 10 per cent, and among Vellālas it appears that fewer are literate now than in 1911; the explanation being probably the same as that suggested above in the discussion about Brāhmans. It is, however, among the "Depressed classes" and others in which the actual number of literates is very small that the increase has been greatest. There has also been a very large increase in literacy among Velamas who now have 70 males and 15 females per mille literate against 36 males and 5 females in 1911.

|          |               | Number per 1,000 who are literate. |       |       |          |       |       |
|----------|---------------|------------------------------------|-------|-------|----------|-------|-------|
|          |               | Males.                             |       |       | Females. |       |       |
|          |               | 1921.                              | 1911. | 1901. | 1921.    | 1911. | 1901. |
| Brāhman. | Tamil ...     | 715                                | 719   | 736   | 210      | 120   | 58    |
|          | Telugu ...    | 597                                | 682   | 673   | 150      | 99    | 46    |
|          | Malayālam ... | 632                                | 634   | 643   | 219      | 182   | 212   |
|          | Kanarese ...  | 525                                | 573   | 516   | 87       | 51    | 18    |
|          | Oriyā ...     | 440                                | 466   | 309   | 10       | 12    | 4     |
|          | Others ...    | 331                                | 560   | 498   | 104      | 77    | 45    |

| Caste.                    |  | Number literate per 1,000. |       |       |          |       |       |
|---------------------------|--|----------------------------|-------|-------|----------|-------|-------|
|                           |  | Males.                     |       |       | Females. |       |       |
|                           |  | 1921.                      | 1911. | 1901. | 1921.    | 1911. | 1901. |
| Kōmati ...                |  | 521                        | 521   | 495   | 54       | 25    | 9     |
| Nāyar ...                 |  | 429                        | 419   | 395   | 143      | 114   | 103   |
| Chetti ...                |  | 395                        | 391   | 320   | 22       | 12    | 4     |
| Vāniyan ...               |  | 298                        | 317   | 148   | 20       | 16    | 2     |
| Kammā-<br>lan { Tamil ... |  | 266                        | 262   | 207   | 13       | 8     | 3     |
| { Telugu ...              |  | 274                        | 251   | 165   | 25       | 13    | 5     |
| Kaikōlan ...              |  | 262                        | 228   | 129   | 19       | 14    | 15    |
| Vellāla ...               |  | 242                        | 246   | 69    | 25       | 18    | 2     |
| Dēvānga ...               |  | 248                        | 197   | 63    | 16       | 6     | 2     |
| Baliya ...                |  | 223                        | 209   | 143   | 33       | 20    | 8     |
| Tīyan ...                 |  | 210                        | 176   | 147   | 40       | 23    | 16    |
| Agamudaiyan ...           |  | 208                        | 208   | 149   | 8        | 5     | 3     |
| Nādār ...                 |  | 200                        | 181   | 154   | 15       | 7     | 6     |

has been greatest. There has also been a very large increase in literacy among Velamas who now have 70 males and 15 females per mille literate against 36 males and 5 females in 1911.

| Caste.          | Actual number of males literate in |       |
|-----------------|------------------------------------|-------|
|                 | 1921.                              | 1911. |
| Chakkiliyan ... | 7,550                              | 2,643 |
| Chennāmān ...   | 897                                | 467   |
| Holeyā ...      | 519                                | 231   |
| Odde ...        | 6,862                              | 3,458 |
| Tottiyān ...    | 9,207                              | 5,178 |

In addition to Brāhmans, Khonds and Kuravans return fewer male literates now than in 1911. Female literacy has increased in every caste, except among Kālingis, where it has fallen from 5 to 2 per mille.

20. The literacy of Labbais and Māpillas improves steadily and so does that of Indian Christians; subsidiary table 1-A brings out the remarkable fact that, while among Roman Catholics there is now more literacy than there was in 1911, other Indian Christian males have lost ground and their females have only just held their own.

21. The progress in the general spread of education can be roughly gauged by comparing the number of literate persons of each sex at ages 15-20 returned at successive censuses. The proportion of literate persons in the group furnishes

Literacy by caste

Comparison with statistics of previous censuses

a useful guide to the number of children who have been under effective instructions during the previous five years; and so will show what proportion of children of school-going age have attended school long enough to attain the census standard of literacy. These proportional figures for the last three censuses are given in the

Number literate per 1,000 of each sex aged 15-20.

|          | Males. | Females. |
|----------|--------|----------|
| 1921 ... | 204    | 44       |
| 1911 ... | 184    | 29       |
| 1901 ... | 168    | 22       |

|                        |             | 1921. | 1911. | 1901. |
|------------------------|-------------|-------|-------|-------|
| Agency ...             | Males ...   | 35    | 32    | 24    |
|                        | Females ... | 6     | 3     | 2     |
| East Coast North ...   | Males ...   | 162   | 144   | 126   |
|                        | Females ... | 39    | 24    | 14    |
| Deccan ...             | Males ...   | 157   | 129   | 135   |
|                        | Females ... | 22    | 12    | 10    |
| East Coast Central ... | Males ...   | 188   | 181   | 167   |
|                        | Females ... | 43    | 29    | 24    |
| East Coast South ...   | Males ...   | 270   | 256   | 219   |
|                        | Females ... | 44    | 31    | 21    |
| West Coast ...         | Males ...   | 258   | 218   | 198   |
|                        | Females ... | 78    | 53    | 45    |

|               |             | 1921. | 1911. | 1901. |
|---------------|-------------|-------|-------|-------|
| Hindu ...     | Males ...   | 200   | 180   | 163   |
|               | Females ... | 38    | 24    | 17    |
| Musalman ...  | Males ...   | 216   | 208   | 183   |
|               | Females ... | 26    | 19    | 17    |
| Christian ... | Males ...   | 354   | 336   | 303   |
|               | Females ... | 226   | 211   | 190   |

margin—among males, the increase was eighteen per mille between 1901 and 1911 and twenty per mille between 1911 and 1921; among females it was seven per mille between 1901 and 1911 and fifteen per mille between 1911 and 1921. These results of an effort to push female education during the past decade manifest themselves at every stage of the study of the literacy tables. The figures for the different natural divisions show that in male literacy at this age-period the Deccan and the West Coast have made progress above the average, while in female literacy it is the West Coast alone that is above the Presidency average. Progress is, as might be expected, much slower in the Agency than elsewhere; but there is progress to be noted in every division. If we examine these figures by religions we find the main increase among Hindus; both Musalmans and Christians show less progress in male literacy in 1911-1921 than in 1901-1911; and Christians show less progress in female literacy as well.

#### Retention of literacy

22. The question often arises how far literacy once acquired is retained, what proportion of those who go to school in their youth remember through life what they have learnt at school and continue to practise the arts there acquired, and whether the census returns throw any light on the subject. All that it is possible to do with the census figures is to compare the number of literates in age groups, say, 10 to 20 at one census with those in age groups 20 to 30 at the next census and so on. If it is found that the number falls rapidly at each succeeding census it may be a fair assumption that the literacy acquired at school does not last through life. In the following statement are shown for a few selected districts and for the main religions the literates at ages 10-20 in 1901 compared with those at ages 30-40 in 1921 and those at ages 10-20 in 1911 compared with those at ages 20-30 in 1921:—

| District.      | Hindu.    |        |        |        | District.        | Musalman. |        |       |        | District.         | Christian. |       |       |       |
|----------------|-----------|--------|--------|--------|------------------|-----------|--------|-------|--------|-------------------|------------|-------|-------|-------|
|                | 1901.     | 1921.  | 1911.  | 1921.  |                  | 1901.     | 1921.  | 1911. | 1921.  |                   | 1901.      | 1921. | 1911. | 1921. |
|                | 10-20     | 30-40  | 10-20  | 20-30  |                  | 10-20     | 30-40  | 10-20 | 20-30  |                   | 10-20      | 30-40 | 10-20 | 20-30 |
| Malabar ...    | M. 43,475 | 51,524 | 48,896 | 58,119 | Malabar ...      | M. 6,558  | 13,959 | 9,044 | 14,750 | Tinnevely. ...    | M. 5,593   | 5,728 | 7,417 | 6,370 |
|                | F. 11,574 | 11,305 | 14,310 | 17,448 |                  | F. 668    | 567    | 914   | 932    |                   | F. 3,551   | 2,984 | 5,124 | 4,272 |
| Tinnevely. ... | M. 28,442 | 36,598 | 35,411 | 40,006 | Tanjore ...      | M. 2,293  | 4,214  | 3,484 | 4,577  | Malabar ...       | M. 2,568   | 2,516 | 2,704 | 2,944 |
|                | F. 1,961  | 2,783  | 3,670  | 3,876  |                  | F. 105    | 103    | 125   | 165    |                   | F. 1,853   | 1,312 | 2,181 | 2,080 |
| Tanjore ...    | M. 40,548 | 51,639 | 45,300 | 56,248 | North Arcot. ... | M. 2,141  | 3,109  | 2,894 | 3,761  | South Kanara. ... | M. 1,674   | 2,013 | 2,606 | 2,323 |
|                | F. 3,036  | 4,211  | 5,718  | 6,490  |                  | F. 325    | 396    | 389   | 617    |                   | F. 880     | 895   | 1,404 | 1,398 |
| Kistna ...     | M. 19,403 | 20,699 | 27,221 | 29,056 | Cuddapah. ...    | M. 1,758  | 1,286  | 1,186 | 1,339  | Tanjore ...       | M. 1,945   | 1,939 | 2,053 | 2,228 |
|                | F. 2,403  | 2,875  | 5,813  | 6,125  |                  | F. 104    | 103    | 114   | 179    |                   | F. 954     | 570   | 1,083 | 912   |

Among Hindus it is only in one group of women in Malabar that the numbers have fallen; in every other case there are more literates in 1921 at ages 20 to 30, and 30 to 40 than there were in 1911 or 1901 at ages 10-20. This means either that a good many children at ages 10 to 15 do not return themselves as literate though they are actually at school, or that a considerable number of people only acquire literacy after the age of 20. The second alternative must be the main cause of the very great increase in literacy of Musalman males in Malabar, where the number of literates aged 30 to 40 in 1921 was more than double the number at ages 10 to 20 in 1901; evidently the Māppilla takes to his books late in life. The same feature is noticeable, though to a less degree, in each of the four districts except Cuddapah where about 25 per cent of the males who were literate at ages 10 to 20 in 1901 had either disappeared or had lost their learning by 1921. The Christian figures are interesting: in each of the four selected districts except South Kanara there are in 1921 fewer female literates at ages 20 to 30 and 30 to 40 than there were at ages 10 to 20 in 1911 or 1901, and the increase in South Kanara is very slight. The male figures present more variety; 1921 shows an increase over 1901 in Tinnevely and South Kanara, but a loss in Malabar and Tanjore; as compared with 1911 it shows a loss in Tinnevely and South Kanara but a gain in Malabar and Tanjore. It is impossible to base any conclusion on such contradictory returns as these.

23. The last four subsidiary tables are intended to throw side-lights on the literacy statistics compiled from the census returns. Table 7 shows that during the last decade there has been an increase of 30 per cent in educational institutions of all kinds and of 48 per cent in the number of persons receiving education. The number of private institutions has decreased; and among the public institutions the increase is as shown in the

|                       | Increase per cent in |           |
|-----------------------|----------------------|-----------|
|                       | Institutions.        | Scholars. |
| All institutions ...  | 41                   | 55        |
| Colleges ...          | 64                   | 108       |
| Secondary schools ... | 31                   | 60        |
| Primary schools ...   | 41                   | 54        |

margin. These figures certainly support the conclusion indicated in paragraph 17 above that higher education is spreading very much faster than elementary education. The number of pupils shown in the returns of the Education Department are 353 of every 1,000 persons aged 10-15. Many pupils are of course over 15 or under 10; but the age-period 10-15 does correspond fairly closely to the (primary) school-going age. From the fact that only 126 out of every thousand persons aged 15-20 are literate, the conclusion must be drawn that many of the so-called pupils leave school before they have learnt enough to satisfy the very modest standard of literacy required at the census.

24. The Education Department has very kindly supplied the figures separately for girls' schools and colleges. Ninety-eight per cent more girls were at school or college in 1921 than in 1911; the number of institutions was 97 per cent higher; and a fall in the number of private institutions is seen here too. Taking public institutions alone, the number of institutions rose in the decade by 114 per cent, and the number of scholars by 104 per cent. In 1911 there were forty-three scholars in colleges, and in 1921 there were 267; the numbers in secondary schools had risen by 91 per cent and the number at elementary schools by 105 per cent. The proportion of girls aged 10-15 who are shown as pupils is 75 of every 1,000 and the proportion aged 15-20 who are shown as literate is 44 per thousand. The relation between these figures is very much closer than in the case quoted above, and indicates that of those girls who do go to school a larger proportion than among boys remain long enough to acquire sufficient knowledge to qualify them for the category of literate.

25. Subsidiary table 8 is compiled from the registers of the University and shows for the four years 1891, 1901, 1911 and 1921 the numbers who appeared for the various University examinations and the numbers who passed. The numbers who passed the F.A. or Intermediate examination completely rose from 592 in 1911 to 1,373 in 1921, those who took the B.A. degree in English or Science from 1,436 to 1,916, and those who took the B.L. from 81 to 299; and there are

Number in educational institutions

Number of girls at school or college

University examinations

similar increases in the numbers who took degrees in teaching, medicine and engineering. Here is further evidence of the rapid progress in secondary and higher education upon which comment has already been made.

#### Newspapers and books

26. Subsidiary tables 9 and 10 show the material in the shape of newspapers and books which have been provided in the decade for the exercise of those arts in the acquiring of which there has been such great progress. The number of newspapers and periodicals in circulation has risen from 316 in 1911 to 463 in 1921 and the estimated number of readers from 263,448 to 412,514. The number of books published in the decade 1911-1920 is just double the number of those published between 1901 and 1910; and this in spite of the fact that the war caused a great set-back to literary activity which was still in existence in 1920. Of the 34,684 books published in the decade, 30,630 are said to be new books, and the rest reprints or translations. About 4,500 of the books were designed for educational purposes. The most popular subject for literary activity is religion to which as many as 13,260 of the books are devoted; it is said, however, that a considerable portion of these books are "lighter literature presented under a religious garb." It is interesting to note that books are being published in the Badaga, Kui (Khond), Savara, Tōda and Tulu languages—none of which was till recently a written language. Kui (Khond) books are printed either in Roman or in Telugu characters; Tulu as a rule is written in Kanarese characters; and a similar practice is followed with the other languages. Two of the languages mentioned in the table—Lushai and Garo—claim no speakers in this Presidency: apparently they are tribal languages of Assam; and the publication of the books in Madras was more or less an accident.

#### 1.—Literacy by age, sex and religion.

| Literacy by age, sex and religion. |                                     |        |          |        |          |        |          |        |          |              |          |        |                                       |          |                                                |        |          |          |
|------------------------------------|-------------------------------------|--------|----------|--------|----------|--------|----------|--------|----------|--------------|----------|--------|---------------------------------------|----------|------------------------------------------------|--------|----------|----------|
| Religion.                          | Number per 10,000 who are literate. |        |          |        |          |        |          |        |          |              |          |        | Number per 10,000 who are illiterate. |          | Number per 10,000 who are literate in English. |        |          |          |
|                                    | All ages.                           |        |          | 0-10.  |          | 10-15. |          | 15-20. |          | 20 and over. |          | Total. |                                       | Males.   | Females.                                       | Total. | Males.   | Females. |
|                                    | Total.                              | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males.       | Females. | Total. | Males.                                | Females. | Total.                                         | Males. | Females. |          |
|                                    |                                     |        |          |        |          |        |          |        |          |              |          |        |                                       |          |                                                |        |          |          |
| 1                                  | 2                                   | 3      | 4        | 5      | 6        | 7      | 8        | 9      | 10       | 11           | 12       | 13     | 14                                    | 15       | 16                                             | 17     | 18       |          |
| All religions ...                  | ...                                 | ...    | ...      | ...    | ...      | ...    | ...      | ...    | ...      | ...          | ...      | ...    | ...                                   | ...      | ...                                            | ...    | ...      | ...      |
| Hindu ...                          | ...                                 | ...    | ...      | ...    | ...      | ...    | ...      | ...    | ...      | ...          | ...      | ...    | ...                                   | ...      | ...                                            | ...    | ...      | ...      |
| Musalman ...                       | ...                                 | ...    | ...      | ...    | ...      | ...    | ...      | ...    | ...      | ...          | ...      | ...    | ...                                   | ...      | ...                                            | ...    | ...      | ...      |
| Christian ...                      | ...                                 | ...    | ...      | ...    | ...      | ...    | ...      | ...    | ...      | ...          | ...      | ...    | ...                                   | ...      | ...                                            | ...    | ...      | ...      |
| Animistio ...                      | ...                                 | ...    | ...      | ...    | ...      | ...    | ...      | ...    | ...      | ...          | ...      | ...    | ...                                   | ...      | ...                                            | ...    | ...      | ...      |
| Jain ...                           | ...                                 | ...    | ...      | ...    | ...      | ...    | ...      | ...    | ...      | ...          | ...      | ...    | ...                                   | ...      | ...                                            | ...    | ...      | ...      |

#### 1-A.—Literacy of Europeans, Anglo-Indians and Indian Christians.

|                           | Number per 10,000. |                       |           |                       |
|---------------------------|--------------------|-----------------------|-----------|-----------------------|
|                           | Males.             |                       | Females.  |                       |
|                           | Literates          | Literates in English. | Literates | Literates in English. |
| European and allied races | 8,992              | 8,929                 | 8,678     | 8,578                 |
| Anglo-Indians             | 7,879              | 7,746                 | 7,703     | 7,630                 |
| Indian Christians         | 2,335              | 483                   | 933       | 179                   |
| Roman Catholics           | 4,234              | 679                   | 2,145     | 231                   |
| Syrians                   | 1,927              | 624                   | 1,198     | 338                   |
| Others                    | ...                | ...                   | ...       | ...                   |

## 2.—Literacy by age, sex and locality.

| District and natural division. |       | Number per 10,000 who are literate. |        |          |        |          |        |          |        |          |              |          |
|--------------------------------|-------|-------------------------------------|--------|----------|--------|----------|--------|----------|--------|----------|--------------|----------|
|                                |       | All ages.                           |        |          | 0-10.  |          | 10-15. |          | 15-20. |          | 20 and over. |          |
|                                |       | Total.                              | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males.       | Females. |
| 1                              | 2     | 3                                   | 4      | 5        | 6      | 7        | 8      | 9        | 10     | 11       | 12           |          |
| MADRAS ...                     | 857   | 1,522                               | 211    | 185      | 64     | 1,295    | 328    | 2,043    | 437    | 2,139    | 223          |          |
| Agency ... ..                  | 144   | 256                                 | 32     | 45       | 8      | 177      | 32     | 349      | 56     | 364      | 40           |          |
| East Coast North ... ..        | 634   | 1,116                               | 176    | 165      | 58     | 1,050    | 309    | 1,617    | 392    | 1,520    | 171          |          |
| Ganjām ... ..                  | 638   | 1,330                               | 70     | 193      | 30     | 1,080    | 98     | 1,631    | 110    | 2,038    | 76           |          |
| Vizagapatam ... ..             | 474   | 841                                 | 129    | 146      | 47     | 813      | 211    | 1,192    | 268    | 1,136    | 133          |          |
| Gōdāvari ... ..                | 755   | 1,272                               | 260    | 189      | 83     | 1,232    | 467    | 2,054    | 595    | 1,713    | 252          |          |
| Kistna ... ..                  | 720   | 1,177                               | 266    | 191      | 87     | 1,179    | 473    | 1,637    | 597    | 1,559    | 252          |          |
| Guntūr ... ..                  | 693   | 1,183                               | 194    | 156      | 56     | 1,167    | 365    | 1,883    | 496    | 1,537    | 179          |          |
| Nellore ... ..                 | 554   | 947                                 | 155    | 103      | 50     | 806      | 274    | 1,450    | 370    | 1,273    | 152          |          |
| Deccan ... ..                  | 617   | 1,110                               | 104    | 120      | 38     | 989      | 159    | 1,573    | 218    | 1,494    | 109          |          |
| Cuddapah ... ..                | 597   | 1,079                               | 98     | 125      | 33     | 958      | 159    | 1,619    | 213    | 1,418    | 100          |          |
| Kurnool ... ..                 | 610   | 1,103                               | 104    | 107      | 34     | 973      | 157    | 1,590    | 235    | 1,499    | 108          |          |
| Bangānapalle ... ..            | 585   | 1,056                               | 103    | 69       | 30     | 844      | 168    | 1,570    | 273    | 1,445    | 97           |          |
| Bellary ... ..                 | 672   | 1,209                               | 112    | 114      | 46     | 995      | 149    | 1,548    | 214    | 1,683    | 122          |          |
| Sandūr ... ..                  | 646   | 1,174                               | 120    | 81       | 33     | 1,005    | 203    | 1,614    | 321    | 1,611    | 115          |          |
| Anantapur ... ..               | 595   | 1,059                               | 103    | 135      | 41     | 1,086    | 168    | 1,539    | 205    | 1,394    | 106          |          |
| East Coast Central ... ..      | 870   | 1,532                               | 206    | 184      | 66     | 1,267    | 308    | 1,975    | 432    | 2,179    | 224          |          |
| Madras ... ..                  | 3,201 | 4,532                               | 1,737  | 879      | 608    | 4,275    | 2,708  | 5,724    | 2,894  | 5,583    | 1,805        |          |
| Chingleput ... ..              | 973   | 1,714                               | 221    | 177      | 67     | 1,860    | 325    | 2,177    | 449    | 2,503    | 251          |          |
| Chittoor ... ..                | 849   | 1,160                               | 118    | 147      | 38     | 1,093    | 206    | 1,689    | 258    | 1,563    | 124          |          |
| North Arcot ... ..             | 776   | 1,428                               | 132    | 115      | 33     | 1,074    | 202    | 1,836    | 277    | 2,158    | 152          |          |
| Salem ... ..                   | 484   | 891                                 | 81     | 112      | 32     | 776      | 199    | 1,102    | 172    | 1,278    | 84           |          |
| Coimbatore ... ..              | 762   | 1,361                               | 167    | 214      | 68     | 1,258    | 252    | 1,799    | 364    | 1,870    | 170          |          |
| South Arcot ... ..             | 935   | 1,748                               | 132    | 186      | 48     | 1,825    | 211    | 2,125    | 240    | 2,523    | 140          |          |
| East Coast South ... ..        | 1,120 | 2,090                               | 212    | 247      | 67     | 2,143    | 338    | 2,702    | 435    | 2,940    | 222          |          |
| Tanjore ... ..                 | 1,313 | 2,476                               | 239    | 252      | 76     | 1,930    | 389    | 3,067    | 462    | 3,510    | 245          |          |
| Trichinopoly ... ..            | 936   | 1,710                               | 193    | 210      | 58     | 1,488    | 329    | 2,268    | 405    | 2,863    | 199          |          |
| Pudukkōttai ... ..             | 1,006 | 1,957                               | 126    | 211      | 40     | 1,559    | 201    | 2,406    | 287    | 2,801    | 129          |          |
| Madura ... ..                  | 940   | 1,766                               | 141    | 204      | 46     | 1,544    | 218    | 2,354    | 312    | 2,482    | 149          |          |
| Rāmnād ... ..                  | 1,083 | 2,120                               | 143    | 260      | 55     | 1,833    | 228    | 2,825    | 268    | 3,013    | 151          |          |
| Tinnevely ... ..               | 1,331 | 2,357                               | 357    | 318      | 108    | 2,075    | 524    | 2,993    | 698    | 3,296    | 383          |          |
| West Coast ... ..              | 1,186 | 1,964                               | 444    | 194      | 98     | 1,625    | 662    | 2,575    | 782    | 2,881    | 502          |          |
| Nilgiris ... ..                | 1,618 | 2,329                               | 817    | 393      | 301    | 2,061    | 1,143  | 2,870    | 1,272  | 3,089    | 927          |          |
| Malabar ... ..                 | 1,268 | 2,085                               | 491    | 185      | 95     | 1,628    | 709    | 2,642    | 826    | 3,118    | 568          |          |
| Anjengo ... ..                 | 2,949 | 3,489                               | 2,456  | 635      | 625    | 4,423    | 3,341  | 5,482    | 4,074  | 4,614    | 2,894        |          |
| South Kanara ... ..            | 931   | 1,615                               | 284    | 197      | 85     | 1,560    | 488    | 2,348    | 588    | 2,265    | 289          |          |
| Cities ... ..                  | 2,894 | 4,431                               | 1,296  | 822      | 469    | 4,219    | 2,116  | 5,731    | 2,321  | 5,592    | 1,304        |          |

## 3.—Literacy by religion, sex and locality.

| District and natural division. | Number per 10,000 who are literate. |          |           |          |            |          |
|--------------------------------|-------------------------------------|----------|-----------|----------|------------|----------|
|                                | Hindu.                              |          | Musalman. |          | Christian. |          |
|                                | Males.                              | Females. | Males.    | Females. | Males.     | Females. |
| 1                              | 2                                   | 3        | 4         | 5        | 6          | 7        |
| MADRAS ...                     | 1,495                               | 180      | 1,740     | 154      | 2,347      | 1,235    |
| Agency ...                     | 346                                 | 43       | 2,101     | 194      | 350        | 74       |
| East Coast North ...           | 1,124                               | 161      | 1,201     | 224      | 1,144      | 675      |
| Ganjām ...                     | 1,354                               | 64       | 3,470     | 735      | 5,411      | 4,338    |
| Vizagapatam ...                | 823                                 | 118      | 1,836     | 270      | 4,772      | 4,041    |
| Gōdāvari ...                   | 1,229                               | 289      | 2,634     | 509      | 3,051      | 2,090    |
| Kistna ...                     | 1,163                               | 240      | 1,426     | 383      | 1,294      | 704      |
| Guntūr ...                     | 1,269                               | 187      | 737       | 96       | 775        | 354      |
| Nellore ...                    | 983                                 | 138      | 1,065     | 162      | 907        | 665      |
| Deccan ...                     | 1,104                               | 89       | 1,078     | 101      | 1,411      | 651      |
| Cuddapah ...                   | 1,092                               | 78       | 933       | 127      | 1,363      | 547      |
| Kurnool ...                    | 1,138                               | 90       | 950       | 82       | 985        | 353      |
| Bangānapalle ...               | 1,106                               | 71       | 885       | 204      | 878        | 283      |
| Bellary ...                    | 1,193                               | 98       | 1,151     | 79       | 4,365      | 3,568    |
| Sandūr ...                     | 1,281                               | 120      | 683       | 65       | 2,727      | 4,615    |
| Anantapur ...                  | 1,007                               | 89       | 1,394     | 111      | 4,181      | 2,463    |
| East Coast Central ...         | 1,453                               | 163      | 2,688     | 379      | 3,294      | 1,991    |
| Madras ...                     | 4,391                               | 1,394    | 4,063     | 1,031    | 6,467      | 5,532    |
| Chingleput ...                 | 1,649                               | 183      | 3,078     | 386      | 3,046      | 1,735    |
| Chittoor ...                   | 1,139                               | 102      | 1,461     | 188      | 2,446      | 2,209    |
| North Arcot ...                | 1,333                               | 102      | 2,599     | 367      | 1,801      | 876      |
| Salem ...                      | 858                                 | 71       | 2,197     | 369      | 1,142      | 550      |
| Coimbatore ...                 | 1,277                               | 140      | 3,499     | 267      | 3,880      | 2,151    |
| South Arcot ...                | 1,723                               | 118      | 2,472     | 183      | 1,544      | 550      |
| East Coast South ...           | 1,999                               | 156      | 3,152     | 127      | 2,696      | 1,140    |
| Tanjore ...                    | 2,431                               | 225      | 3,383     | 80       | 2,290      | 803      |
| Trichinopoly ...               | 1,597                               | 160      | 3,835     | 164      | 2,380      | 838      |
| Pudukkōttai ...                | 1,850                               | 122      | 4,087     | 164      | 2,509      | 191      |
| Madura ...                     | 1,671                               | 108      | 3,180     | 106      | 2,674      | 1,142    |
| Rāmnād ...                     | 2,097                               | 121      | 2,441     | 117      | 2,142      | 568      |
| Tinnevely ...                  | 2,203                               | 195      | 2,955     | 188      | 3,314      | 1,786    |
| West Coast ...                 | 2,166                               | 487      | 1,212     | 84       | 3,240      | 1,920    |
| Nilgiris ...                   | 1,672                               | 215      | 3,619     | 720      | 5,240      | 3,556    |
| Malabar ...                    | 2,470                               | 631      | 1,184     | 70       | 4,536      | 2,912    |
| Anjengo ...                    | 4,452                               | 1,280    | 2,613     | 1,111    | 3,083      | 3,037    |
| South Kanara ...               | 1,585                               | 211      | 1,264     | 153      | 2,175      | 1,076    |
| Cities ...                     | 4,478                               | 1,097    | 3,428     | 549      | 5,462      | 4,430    |



## 4.—English literacy by age, sex and locality.

| District and natural division. | Literate in English per 10,000. |       |          |       |           |        |       |          |       |           |           |       |           |       |
|--------------------------------|---------------------------------|-------|----------|-------|-----------|--------|-------|----------|-------|-----------|-----------|-------|-----------|-------|
|                                | 1921.                           |       |          |       |           |        |       |          |       |           | 1911.     |       | 1901.     |       |
|                                | All ages.                       |       |          |       |           | 0-10.  |       |          |       |           | All ages. |       | All ages. |       |
|                                | Males.                          |       | Females. |       | All ages. | Males. |       | Females. |       | All ages. | Males.    |       | Females.  |       |
|                                | 1921.                           | 1911. | 1921.    | 1911. |           | 1921.  | 1911. | 1921.    | 1911. |           | 1921.     | 1911. | 1921.     | 1911. |
| 1                              | 2                               | 3     | 4        | 5     | 6         | 7      | 8     | 9        | 10    | 11        | 12        | 13    | 14        | 15    |
| MADRAS                         | 170                             | 20    | 12       | 6     | 144       | 31     | 334   | 48       | 225   | 21        | 121       | 13    | 90        | 11    |
| Agency                         | 24                              | 1     | 19       | 0.2   | 10        | 0.6    | 25    | 3        | 30    | 1         | 13        | 0.6   | 7         | 0.3   |
| East Coast North               | 160                             | 10    | 7        | 3     | 125       | 14     | 316   | 22       | 175   | 10        | 92        | 5     | 62        | 4     |
| Ganjām                         | 123                             | 2     | 5        | 0.5   | 127       | 1      | 274   | 2        | 165   | 3         | 71        | 2     | 45        | 2     |
| Vizagapatam                    | 140                             | 12    | 9        | 3     | 111       | 19     | 272   | 29       | 189   | 14        | 87        | 7     | 65        | 6     |
| Godāvari                       | 201                             | 14    | 12       | 5     | 169       | 21     | 500   | 30       | 260   | 14        | 137       | 9     | 94        | 8     |
| Kistna                         | 151                             | 10    | 8        | 3     | 139       | 15     | 310   | 23       | 192   | 10        | 114       | 6     | 89        | 4     |
| Guntūr                         | 111                             | 9     | 6        | 2     | 117       | 18     | 320   | 20       | 126   | 9         | 71        | 2     | 47        | 2     |
| Nellore                        | 98                              | 12    | 5        | 3     | 79        | 18     | 237   | 36       | 124   | 12        | 72        | 7     | 53        | 3     |
| Deccan                         | 92                              | 7     | 5        | 3     | 74        | 8      | 175   | 19       | 123   | 7         | 59        | 4     | 44        | 4     |
| Cuddapah                       | 75                              | 5     | 3        | 1     | 52        | 3      | 130   | 26       | 102   | 4         | 47        | 1     | 31        | 1     |
| Kurnool                        | 86                              | 4     | 3        | 1     | 69        | 4      | 193   | 9        | 112   | 5         | 53        | 2     | 36        | 1     |
| Bangampalle                    | 76                              | 1     | 10       | 0.0   | 30        | ...    | 178   | ...      | 101   | 2         | 69        | 0.5   | 16        | 2     |
| Bellary                        | 110                             | 12    | 7        | 6     | 91        | 15     | 185   | 26       | 148   | 12        | 78        | 9     | 11        | 9     |
| Sandūr                         | 117                             | 15    | ...      | 13    | 53        | ...    | 210   | 25       | 168   | 19        | 89        | 9     | 49        | ...   |
| Anantapur                      | 99                              | 8     | 7        | 3     | 85        | 9      | 170   | 14       | 130   | 9         | 54        | 5     | 36        | 5     |
| East Coast Central             | 211                             | 32    | 18       | 8     | 166       | 47     | 357   | 75       | 292   | 34        | 165       | 22    | 131       | 20    |
| Madras                         | 2,131                           | 498   | 260      | 171   | 1,914     | 885    | 3,205 | 911      | 2,615 | 487       | 1,803     | 343   | 1,404     | 303   |
| Chingleput                     | 219                             | 27    | 21       | 13    | 197       | 28     | 382   | 62       | 291   | 29        | 165       | 21    | 118       | 16    |
| Chittoor                       | 107                             | 8     | 7        | 2     | 106       | 16     | 243   | 23       | 135   | 8         | 72        | 4     | 50        | 4     |
| North Arcot                    | 109                             | 10    | 5        | 2     | 77        | 11     | 195   | 23       | 180   | 12        | 79        | 7     | 67        | 7     |
| Salem                          | 71                              | 6     | 3        | 2     | 49        | 7      | 118   | 9        | 102   | 7         | 64        | 4     | 46        | 4     |
| Coimbatore                     | 130                             | 16    | 13       | 6     | 108       | 20     | 225   | 37       | 177   | 17        | 86        | 7     | 62        | 5     |
| South Arcot                    | 98                              | 7     | 6        | 2     | 75        | 11     | 167   | 15       | 136   | 8         | 67        | 4     | 56        | 3     |
| East Coast South               | 193                             | 15    | 11       | 4     | 183       | 24     | 389   | 36       | 250   | 15        | 134       | 9     | 98        | 6     |
| Tanjore                        | 293                             | 14    | 16       | 3     | 267       | 20     | 558   | 29       | 379   | 14        | 193       | 7     | 160       | 5     |
| Trichinopoly                   | 194                             | 16    | 12       | 6     | 180       | 34     | 391   | 40       | 249   | 14        | 142       | 10    | 101       | 5     |
| Pudukkottai                    | 152                             | 6     | 12       | 1     | 166       | 11     | 314   | 8        | 190   | 5         | 87        | 1     | 82        | 1     |
| Madura                         | 153                             | 16    | 9        | 4     | 140       | 29     | 314   | 43       | 201   | 17        | 106       | 9     | 70        | 6     |
| Rāmañāḍ                        | 111                             | 6     | 3        | 2     | 97        | 6      | 231   | 13       | 151   | 6         | 66        | 4     | 42        | 2     |
| Tinnevely                      | 194                             | 25    | 11       | 4     | 203       | 34     | 395   | 60       | 246   | 27        | 150       | 16    | 97        | 14    |
| West Coast                     | 199                             | 46    | 13       | 12    | 167       | 78     | 407   | 94       | 268   | 46        | 142       | 28    | 102       | 21    |
| Nilgiris                       | 835                             | 432   | 150      | 152   | 691       | 642    | 1,087 | 534      | 1,104 | 510       | 719       | 349   | 635       | 277   |
| Malabar                        | 175                             | 30    | 8        | 7     | 141       | 57     | 357   | 68       | 238   | 29        | 125       | 17    | 86        | 15    |
| Anjengo                        | 1,141                           | 1,079 | 158      | 283   | 1,376     | 1,138  | 2,462 | 1,821    | 1,437 | 1,351     | 892       | 718   | 86        | 15    |
| South Kanara                   | 183                             | 43    | 10       | 10    | 178       | 76     | 454   | 112      | 230   | 40        | 121       | 22    | 83        | 14    |

## 5.—Progress of literacy since 1891.

| District and natural division. |     | Number literate per 10,000. |       |       |       |          |       |       |       |        |       |       |          |       |       |              |       |       |          |       |       |
|--------------------------------|-----|-----------------------------|-------|-------|-------|----------|-------|-------|-------|--------|-------|-------|----------|-------|-------|--------------|-------|-------|----------|-------|-------|
|                                |     | All ages (10 and over).     |       |       |       |          |       |       |       | 15-20. |       |       |          |       |       | 20 and over. |       |       |          |       |       |
|                                |     |                             |       |       |       |          |       |       |       |        |       |       |          |       |       |              |       |       |          |       |       |
|                                |     | Males.                      |       |       |       | Females. |       |       |       | Males. |       |       | Females. |       |       | Males.       |       |       | Females. |       |       |
|                                |     | 1921.                       | 1911. | 1901. | 1891. | 1921.    | 1911. | 1901. | 1891. | 1921.  | 1911. | 1901. | 1921.    | 1911. | 1901. | 1921.        | 1911. | 1901. | 1921.    | 1911. | 1901. |
| 1                              | 2   | 3                           | 4     | 5     | 6     | 7        | 8     | 9     | 10    | 11     | 12    | 13    | 14       | 15    | 16    | 17           | 18    | 19    | 20       | 21    |       |
| MADRAS                         | ... | 1,986                       | 1,833 | 1,601 | 1,646 | 262      | 171   | 120   | 92    | 2,043  | 1,844 | 1,656 | 437      | 288   | 217   | 2,139        | 1,984 | 1,753 | 223      | 142   | 97    |
| Agency                         | ... | 330                         | 311   | 244   | 254   | 40       | 20    | 13    | 8     | 349    | 319   | 237   | 56       | 34    | 17    | 364          | 339   | 267   | 40       | 15    | 11    |
| East Coast North               | ... | 1,444                       | 1,305 | 1,112 | 1,118 | 216      | 127   | 74    | 49    | 1,617  | 1,439 | 1,255 | 392      | 235   | 136   | 1,520        | 1,379 | 1,207 | 171      | 98    | 55    |
| Ganjām                         | ... | 1,786                       | 1,554 | 1,218 | 1,190 | 84       | 65    | 64    | 32    | 1,631  | 1,568 | 1,187 | 110      | 105   | 70    | 2,038        | 1,711 | 1,386 | 76       | 56    | 38    |
| Vizagapatam                    | ... | 1,086                       | 858   | 820   | 799   | 158      | 76    | 52    | 34    | 1,192  | 917   | 908   | 268      | 124   | 103   | 1,186        | 916   | 867   | 133      | 62    | 42    |
| Godāvari                       | ... | 1,660                       | 1,412 | 1,137 | 1,059 | 322      | 191   | 96    | 67    | 2,054  | 1,840 | 1,341 | 595      | 354   | 189   | 1,713        | 1,482 | 1,215 | 252      | 146   | 70    |
| Kistna                         | ... | 1,503                       | 1,455 | 1,232 | 1,244 | 328      | 207   | 101   | 73    | 1,637  | 1,700 | 1,435 | 597      | 371   | 189   | 1,559        | 1,547 | 1,345 | 252      | 154   | 79    |
| Guntūr                         | ... | 1,510                       | 1,421 | 1,243 | 1,329 | 242      | 129   | 71    | 52    | 1,883  | 1,624 | 1,508 | 496      | 245   | 148   | 1,537        | 1,473 | 1,317 | 179      | 98    | 54    |
| Nellore                        | ... | 1,215                       | 1,171 | 1,103 | 1,178 | 189      | 114   | 70    | 42    | 1,450  | 1,282 | 1,306 | 370      | 235   | 157   | 1,273        | 1,233 | 1,180 | 152      | 90    | 53    |
| Deccan                         | ... | 1,417                       | 1,235 | 1,077 | 1,220 | 127      | 71    | 51    | 35    | 1,573  | 1,294 | 1,346 | 218      | 124   | 102   | 1,494        | 1,315 | 1,141 | 109      | 60    | 42    |
| Cuddapah                       | ... | 1,364                       | 1,260 | 1,124 | 1,165 | 119      | 76    | 57    | 25    | 1,619  | 1,358 | 1,412 | 213      | 136   | 118   | 1,418        | 1,308 | 1,152 | 100      | 63    | 38    |
| Kurnool                        | ... | 1,415                       | 1,251 | 1,045 | 1,158 | 127      | 77    | 52    | 39    | 1,590  | 1,403 | 1,244 | 235      | 145   | 130   | 1,499        | 1,325 | 1,130 | 108      | 64    | 42    |
| Banganapalle                   | ... | 1,346                       | 1,132 | 1,042 | 1,271 | 126      | 72    | 43    | 31    | 1,570  | 957   | 1,043 | 273      | 109   | 45    | 1,445        | 1,250 | 1,179 | 97       | 64    | 38    |
| Bellary                        | ... | 1,551                       | 1,317 | 1,157 | 1,504 | 185      | 66    | 45    | 52    | 1,548  | 1,274 | 1,428 | 214      | 166   | 85    | 1,683        | 1,412 | 1,245 | 122      | 56    | 38    |
| Sandūr                         | ... | 1,508                       | 1,312 | 1,436 | 1,391 | 150      | 97    | 57    | 51    | 1,614  | 1,241 | 1,395 | 321      | 258   | 55    | 1,611        | 1,457 | 1,559 | 115      | 53    | 37    |
| Anantapur                      | ... | 1,350                       | 1,121 | 980   | 1,041 | 126      | 67    | 52    | 28    | 1,539  | 1,175 | 1,293 | 205      | 115   | 85    | 1,394        | 1,192 | 1,036 | 106      | 58    | 50    |
| East Coast Central             | ... | 2,008                       | 1,872 | 1,673 | 1,734 | 258      | 174   | 125   | 97    | 1,975  | 1,812 | 1,674 | 432      | 291   | 247   | 2,179        | 2,045 | 1,851 | 224      | 147   | 104   |
| Madras                         | ... | 5,436                       | 5,194 | 4,510 | 4,350 | 2,956    | 1,566 | 1,105 | 844   | 5,724  | 5,515 | 4,995 | 2,894    | 2,316 | 1,945 | 5,583        | 5,383 | 4,690 | 1,805    | 1,334 | 906   |
| Chingleput                     | ... | 2,278                       | 2,148 | 2,082 | 2,166 | 283      | 192   | 132   | 110   | 2,177  | 1,882 | 1,779 | 449      | 300   | 216   | 2,503        | 2,392 | 2,213 | 251      | 170   | 115   |
| Chittoor                       | ... | 1,504                       | 1,283 | 1,167 | 1,288 | 148      | 80    | 58    | 41    | 1,689  | 1,318 | 1,365 | 258      | 156   | 116   | 1,563        | 1,363 | 1,248 | 124      | 64    | 48    |
| North Arcot                    | ... | 1,939                       | 1,834 | 1,731 | 1,801 | 173      | 103   | 84    | 75    | 1,836  | 1,916 | 1,647 | 277      | 173   | 155   | 2,158        | 2,015 | 1,962 | 152      | 85    | 65    |
| Salem                          | ... | 1,175                       | 1,078 | 981   | 1,070 | 100      | 58    | 48    | 42    | 1,102  | 976   | 917   | 172      | 91    | 98    | 1,278        | 1,194 | 1,029 | 84       | 48    | 38    |
| Coimbatore                     | ... | 1,762                       | 1,550 | 1,312 | 1,343 | 202      | 109   | 70    | 46    | 1,799  | 1,592 | 1,337 | 364      | 195   | 148   | 1,870        | 1,686 | 1,431 | 170      | 88    | 52    |
| South Arcot                    | ... | 2,278                       | 2,139 | 1,903 | 1,939 | 162      | 103   | 69    | 45    | 2,125  | 1,974 | 1,799 | 240      | 165   | 113   | 2,523        | 2,343 | 2,115 | 140      | 84    | 56    |
| East Coast South               | ... | 2,728                       | 2,579 | 2,250 | 2,306 | 261      | 174   | 110   | 78    | 2,702  | 2,561 | 2,192 | 435      | 306   | 206   | 2,940        | 2,764 | 2,415 | 222      | 142   | 85    |
| Tanjore                        | ... | 3,208                       | 2,911 | 2,738 | 2,644 | 290      | 195   | 112   | 66    | 3,067  | 2,887 | 2,650 | 462      | 340   | 201   | 3,510        | 3,156 | 2,998 | 245      | 158   | 86    |
| Trichinopoly                   | ... | 2,216                       | 1,991 | 1,698 | 1,827 | 239      | 149   | 93    | 71    | 2,268  | 1,953 | 1,655 | 405      | 273   | 174   | 2,363        | 2,141 | 1,769 | 199      | 117   | 63    |
| Pudukkottai                    | ... | 2,555                       | 2,260 | 2,125 | 2,053 | 155      | 80    | 55    | 40    | 2,406  | 363   | 208   | 287      | 165   | 99    | 2,801        | 2,540 | 2,332 | 129      | 65    | 44    |
| Madura                         | ... | 2,320                       | 2,257 | 1,769 | 1,870 | 175      | 114   | 77    | 55    | 2,354  | 2,217 | 1,777 | 312      | 182   | 156   | 2,482        | 2,411 | 1,932 | 149      | 96    | 62    |
| Rāmañāḍ                        | ... | 2,812                       | 2,810 | 2,305 | 2,481 | 173      | 104   | 59    | 40    | 2,825  | 2,838 | 2,307 | 268      | 159   | 101   | 3,013        | 2,979 | 2,512 | 151      | 89    | 52    |
| Tinnevely                      | ... | 3,064                       | 3,062 | 2,631 | 2,664 | 440      | 328   | 218   | 169   | 2,993  | 3,122 | 2,527 | 698      | 577   | 390   | 3,296        | 3,244 | 2,838 | 383      | 267   | 174   |
| West Coast                     | ... | 2,620                       | 2,392 | 2,093 | 2,120 | 562      | 394   | 319   | 295   | 2,575  | 2,175 | 1,975 | 782      | 527   | 452   | 2,881        | 2,703 | 2,390 | 502      | 360   | 293   |
| Nilgiris                       | ... | 2,915                       | 2,559 | 2,179 | 1,704 | 1,003    | 795   | 633   | 222   | 2,870  | 2,308 | 2,065 | 1,272    | 1,099 | 878   | 3,089        | 2,755 | 2,332 | 927      | 728   | 560   |
| Malabar                        | ... | 2,789                       | 2,560 | 2,312 | 2,391 | 524      | 447   | 389   | 379   | 2,642  | 2,251 | 2,098 | 826      | 567   | 516   | 3,118        | 2,924 | 2,666 | 568      | 421   | 366   |
| Anjengo                        | ... | 4,686                       | 4,192 | ...   | ...   | 3,146    | 2,407 | ...   | ...   | 5,462  | ...   | ...   | 4,074    | ...   | ...   | 4,614        | ...   | ...   | 2,894    | ...   | ...   |
| South Kanara                   | ... | 2,154                       | 1,939 | 1,524 | 1,473 | 355      | 219   | 123   | 97    | 2,348  | 1,962 | 1,231 | 588      | 354   | 242   | 2,265        | 2,133 | 1,706 | 289      | 180   | 98    |



## 6.—Literacy by caste.

| Caste.                                                        | Number per 1,000 who are literate. |        |          |          |        |          | Number per 10,000 who are literate in English. |        |          |          |        |          |
|---------------------------------------------------------------|------------------------------------|--------|----------|----------|--------|----------|------------------------------------------------|--------|----------|----------|--------|----------|
|                                                               | 1921.                              |        |          | 1911.    |        |          | 1901.                                          |        |          | 1911.    |        |          |
|                                                               | Persons.                           | Males. | Females. | Persons. | Males. | Females. | Persons.                                       | Males. | Females. | Persons. | Males. | Females. |
| 1. Hindu and Animistic—                                       |                                    |        |          |          |        |          |                                                |        |          |          |        |          |
| 1. Agamudaiyan ...                                            | 103                                | 208    | 8        | 102      | 203    | 3        | 73                                             | 149    | 3        | 36       | 72     | 1        |
| 2. Ambakāran ...                                              | 39                                 | 75     | 5        | 25       | 49     | 2        | 27                                             | 55     | 0.7      | 5        | 9      | 0.2      |
| 3. Ambattan ...                                               | 78                                 | 150    | 8        | 71       | 141    | 4        | 55                                             | 110    | 2        | 12       | 22     | 0.3      |
| 4. Balija, Kavara ...                                         | 139                                | 223    | 33       | 114      | 209    | 20       | 76                                             | 143    | 8        | 173      | 343    | 12       |
| 5. Billava ...                                                | 37                                 | 70     | 6        | 22       | 42     | 3        | 14                                             | 23     | 4        | 23       | 49     | 2        |
| 6. Raja ...                                                   | 14                                 | 25     | 3        | 11       | 19     | 2        | 4                                              | 8      | 0.5      | 8        | 16     | 0.4      |
| 7. Brāhman—all languages ...                                  | 369                                | 590    | 142      | 371      | 654    | 93       | 308                                            | 578    | 44       | 937      | 1,872  | 79       |
| 8. Do. Telugu ...                                             | 466                                | 715    | 210      | 418      | 719    | 120      | 391                                            | 736    | 53       | 1,510    | 2,821  | 133      |
| 9. Do. Malayalam ...                                          | 375                                | 597    | 150      | 389      | 632    | 99       | 355                                            | 673    | 46       | 901      | 1,737  | 53       |
| 10. Do. Kanarese ...                                          | 299                                | 525    | 87       | 447      | 634    | 182      | 447                                            | 613    | 18       | 731      | 1,431  | 41       |
| 11. Do. Oriya ...                                             | 210                                | 440    | 10       | 233      | 468    | 12       | 151                                            | 309    | 4        | 144      | 304    | 5        |
| 12. Do. Others ...                                            | 238                                | 331    | 104      | 317      | 500    | 77       | 272                                            | 498    | 45       | 1,038    | 1,715  | 129      |
| 13. Chakkiliyan ...                                           | 15                                 | 28     | 2        | 5        | 9      | 0.7      | 0.6                                            | 1      | 0.2      | 3        | 5      | 0.2      |
| 14. Cheruman ...                                              | 4                                  | 8      | 0.6      | 2        | 3      | 0.4      | 1                                              | 2      | 0.2      | 1        | 2      | 0.1      |
| 15. Chetti ...                                                | 204                                | 395    | 22       | 197      | 391    | 12       | 154                                            | 320    | 4        | 117      | 234    | 5        |
| 16. Davāga ...                                                | 132                                | 248    | 16       | 101      | 187    | 6        | 32                                             | 63     | 2        | 55       | 103    | 7        |
| 17. Gamala ...                                                | 28                                 | 41     | 4        | 19       | 35     | 2        | 10                                             | 19     | 0.7      | 11       | 22     | 0.4      |
| 18. Golla ...                                                 | 16                                 | 29     | 3        | 14       | 28     | 1        | 5                                              | 10     | 0.8      | 14       | 26     | 1        |
| 19. Holey ...                                                 | 6                                  | 13     | 0.2      | 2        | 3      | 0.7      | 0.1                                            | 63     | 0.1      | 0.7      | 1      | ...      |
| 20. Idaiyan, Yādava ...                                       | 69                                 | 112    | 8        | 55       | 108    | 5        | 31                                             | 63     | ...      | 46       | 89     | 3        |
| 21. Idiga, Arya Hihida, Setti Balija ...                      | 35                                 | 67     | 4        | 18       | 36     | 0.9      | 5                                              | 11     | 0.3      | 11       | 21     | ...      |
| 22. Itavan ...                                                | 74                                 | 146    | 10       | 53       | 107    | 5        | 41                                             | 82     | 3        | 18       | 36     | ...      |
| 23. Kaikolan, Sengundar, Sengunda Kshatriya ...               | 141                                | 262    | 19       | 119      | 223    | 14       | 70                                             | 129    | 15       | 40       | 78     | 2        |
| 24. Kālingi ...                                               | 47                                 | 99     | 2        | 36       | 74     | 5        | 25                                             | 50     | 0.8      | 8        | 17     | ...      |
| 25. Kallan ...                                                | 82                                 | 163    | 5        | 78       | 157    | 4        | 53                                             | 109    | 2        | 19       | 38     | ...      |
| 26. Kamma ...                                                 | 76                                 | 136    | 15       | 65       | 122    | 7        | 25                                             | 43     | 2        | 24       | 45     | 2        |
| 27. Kammlan, Kamsala, Panchāla, Viava Brāhman, Visvakarma ... | 139                                | 268    | 13       | 133      | 262    | 8        | 104                                            | 207    | 3        | 84       | 165    | 4        |
| 28. Kammlan, Kamsala, Panchāla, Viava Brāhman, Visvakarma ... | 150                                | 276    | 25       | 131      | 251    | 13       | 83                                             | 165    | 5        | 51       | 100    | ...      |
| 29. Kāpa ...                                                  | 54                                 | 102    | 8        | 47       | 90     | 4        | 19                                             | 38     | 0.6      | 21       | 41     | ...      |
| 30. Khond ...                                                 | 4                                  | 8      | 0.4      | 5        | 9      | 0.2      | 2                                              | 3      | 0.0      | 0.3      | 1      | ...      |
| 31. Kōnati, Arya Vakiya ...                                   | 291                                | 521    | 54       | 262      | 521    | 25       | 252                                            | 495    | 8        | 160      | 288    | ...      |

Note.—Kālingi includes Kālingji also.

## 6.—Literacy by caste—concluded.

| Caste.                                                                             | Number per 1,000 who are literate. |        |          |          |        |          | Number per 10,000 who are literate in English. |        |          |          |        |          |
|------------------------------------------------------------------------------------|------------------------------------|--------|----------|----------|--------|----------|------------------------------------------------|--------|----------|----------|--------|----------|
|                                                                                    | 1921.                              |        |          | 1911.    |        |          | 1901.                                          |        |          | 1911.    |        |          |
|                                                                                    | Persons.                           | Males. | Females. | Persons. | Males. | Females. | Persons.                                       | Males. | Females. | Persons. | Males. | Females. |
| 1. Hindu and Animistic—cont.                                                       |                                    |        |          |          |        |          |                                                |        |          |          |        |          |
| 32. Kuravan ...                                                                    | 30                                 | 55     | 3        | 32       | 64     | 2        | 3                                              | 6      | 0.1      | 11       | 21     | ...      |
| 33. Kurumban ...                                                                   | 23                                 | 45     | 2        | 15       | 32     | 0.8      | 8                                              | 15     | 0.4      | 7        | 15     | ...      |
| 34. Kuruvan ...                                                                    | 61                                 | 118    | 4        | 51       | 101    | 3        | 36                                             | 73     | 0.7      | 13       | 25     | ...      |
| 35. Madiga ...                                                                     | 5                                  | 9      | 1        | 4        | 8      | 0.7      | 1                                              | 2      | 0.1      | 3        | 5      | ...      |
| 36. Māla ...                                                                       | 9                                  | 16     | 1        | 7        | 14     | 0.8      | 3                                              | 6      | 0.4      | 3        | 7      | ...      |
| 37. Mangala ...                                                                    | 46                                 | 86     | 5        | 35       | 68     | 3        | 18                                             | 35     | 1        | 13       | 21     | ...      |
| 38. Maravan ...                                                                    | 70                                 | 137    | 3        | 63       | 133    | 8        | 54                                             | 108    | 2        | 12       | 23     | ...      |
| 39. Mutricha ...                                                                   | 32                                 | 59     | 4        | 20       | 39     | 2        | 10                                             | 19     | 0.4      | 10       | 19     | ...      |
| 40. Nūdar ...                                                                      | 103                                | 200    | 15       | 92       | 181    | 7        | 79                                             | 154    | 6        | 39       | 75     | ...      |
| 41. Nayar ...                                                                      | 280                                | 429    | 143      | 261      | 419    | 114      | 244                                            | 395    | 103      | 240      | 457    | ...      |
| 42. Odde ...                                                                       | 14                                 | 28     | 2        | 6        | 12     | 0.5      | 2                                              | 4      | 0.2      | 7        | 14     | ...      |
| 43. Pallan ...                                                                     | 22                                 | 45     | 1        | 19       | 40     | 0.8      | 12                                             | 25     | 0.4      | 3        | 7      | ...      |
| 44. Pelli, Vanniya, Vanniya Kshatriya, Vannikula Kshatriya, Agnikula Kshatriya ... | 57                                 | 111    | 4        | 48       | 97     | 2        | 33                                             | 66     | 0.9      | 18       | 38     | ...      |
| 45. Paraiyan, Panchama ...                                                         | 18                                 | 35     | 2        | 14       | 28     | 1        | 5                                              | 10     | 0.3      | 9        | 16     | ...      |
| 46. Sāle ...                                                                       | 87                                 | 152    | 22       | 62       | 118    | 6        | 25                                             | 49     | 1        | 43       | 94     | ...      |
| 47. Savara ...                                                                     | 4                                  | 8      | 0.2      | 1        | 2      | 0.2      | 1                                              | 2      | 0.1      | ...      | ...    | ...      |
| 48. Telaga ...                                                                     | 67                                 | 119    | 17       | 58       | 109    | 10       | 38                                             | 72     | 5        | 93       | 182    | ...      |
| 49. Tiyan ...                                                                      | 123                                | 210    | 40       | 99       | 176    | 23       | 81                                             | 147    | 16       | 87       | 147    | ...      |
| 50. Totiyan ...                                                                    | 62                                 | 123    | 4        | 33       | 63     | 4        | 23                                             | 46     | 1        | 16       | 32     | ...      |
| 51. Teakala ...                                                                    | 10                                 | 18     | 2        | 6        | 11     | 1        | 3                                              | 6      | 0.3      | 5        | 8      | ...      |
| 52. Uppara ...                                                                     | 14                                 | 26     | 3        | 10       | 20     | 1        | 3                                              | 5      | 0.4      | 8        | 15     | ...      |
| 53. Vaniyan ...                                                                    | 26                                 | 51     | 1        | 21       | 43     | 1        | 13                                             | 26     | 0.2      | 1        | 2      | ...      |
| 54. Vaniyan, Vaniya Vaisya ...                                                     | 159                                | 298    | 20       | 163      | 317    | 16       | 74                                             | 148    | 2        | 59       | 112    | ...      |
| 55. Vannan ...                                                                     | 42                                 | 78     | 5        | 32       | 63     | 2        | 13                                             | 27     | 0.3      | 6        | 11     | ...      |
| 56. Velama ...                                                                     | 40                                 | 70     | 10       | 20       | 36     | 6        | 13                                             | 25     | 0.6      | 34       | 63     | ...      |
| 57. Vellala ...                                                                    | 133                                | 242    | 25       | 130      | 246    | 18       | 35                                             | 69     | 2        | 122      | 237    | ...      |
| Musalman—                                                                          |                                    |        |          |          |        |          |                                                |        |          |          |        |          |
| 58. Labhai ...                                                                     | 145                                | 300    | 15       | 132      | 278    | 8        | 93                                             | 211    | 3        | 44       | 92     | ...      |
| 59. Nāppilla ...                                                                   | 62                                 | 117    | 8        | 56       | 108    | 6        | 45                                             | 87     | 4        | 10       | 19     | ...      |
| Christian—                                                                         |                                    |        |          |          |        |          |                                                |        |          |          |        |          |
| 60. Indian Christian ...                                                           | 162                                | 219    | 107      | 143      | 204    | 85       | 109                                            | 162    | 59       | 395      | 547    | ...      |

## 7.—Number of institutions and pupils according to the returns of the Education Department.

|                                                               | 1921.         |           | 1911.         |           | 1901.         |           | 1891.         |           |
|---------------------------------------------------------------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
|                                                               | Number of     |           | Number of     |           | Number of     |           | Number of     |           |
|                                                               | Institutions. | Scholars. | Institutions. | Scholars. | Institutions. | Scholars. | Institutions. | Scholars. |
| 1                                                             | 2             | 3         | 4             | 5         | 6             | 7         | 8             | 9         |
| All kinds ...                                                 | 39,731        | 1,799,850 | 30,635        | 1,215,725 | 26,926        | 850,224   | 22,028        | 644,164   |
| Public institutions ...                                       | 35,804        | 1,688,673 | 25,344        | 1,087,562 | 21,215        | 731,207   | 18,839        | 583,137   |
| Arts colleges ...                                             | 30            | 7,840     | 31            | 3,741     | 41            | 3,279     | 35            | 3,205     |
| Professional colleges.                                        | 9             | 1,784     | 5             | 890       | 6             | 636       | 5             | 518       |
| Secondary schools ...                                         | 585           | 189,634   | 446           | 105,945   | 732           | 100,126   | 815           | 70,515    |
| Primary schools ...                                           | 34,906        | 1,494,121 | 24,686        | 969,379   | 20,305        | 621,627   | 17,885        | 505,280   |
| Training schools ...                                          | 160           | 9,500     | 83            | 2,989     | 74            | 1,612     | 70            | 1,427     |
| Other special schools.                                        | 94            | 5,794     | 93            | 4,618     | 57            | 3,927     | 29            | 2,192     |
| Private institutions.                                         | 3,927         | 111,177   | 5,291         | 128,163   | 5,711         | 119,017   | 3,189         | 61,027    |
| Advanced ...                                                  | 368           | 11,261    | 368           | 10,141    | 241           | 5,415     | 130           | 4,060     |
| Elementary ...                                                | 2,002         | 47,718    | 2,820         | 60,875    | 4,460         | 84,467    | 2,843         | 52,109    |
| Teaching the Koran only ...                                   | 842           | 36,228    | 984           | 35,161    | 1,005         | 29,073    | 197           | 4,464     |
| Other schools not conforming to the departmental standard ... | 715           | 15,970    | 1,119         | 21,886    | 5             | 62        | 19            | 894       |

## 8.—Main results of University examinations.

| Examinations.                                        | 1921.            |           | 1911.            |         | 1901.                        |         | 1891.            |         |
|------------------------------------------------------|------------------|-----------|------------------|---------|------------------------------|---------|------------------|---------|
|                                                      | Candi-<br>dates. | Passed.   | Candi-<br>dates. | Passed. | Candi-<br>dates.             | Passed. | Candi-<br>dates. | Passed. |
| 1                                                    | 2                | 3         | 4                | 5       | 6                            | 7       | 8                | 9       |
| Matriculation (Entrance) ...                         | 38               | 7         | 822              | 164     | 7,798                        | 2,427   | 8,029            | 2,381   |
| Secondary School Leaving Certificate Examination ... | (a) 11,429       | 3,721     | 7,290            | ...     | ...                          | ...     | ...              | ...     |
| F.A. or Intermediate ...                             | 4,878            | 1,373     | 1,453            | 592     | 1,924                        | 730     | 2,048            | 740     |
| Whole examination ...                                | 3,294            | (b) 1,055 | ...              | ...     | ...                          | ...     | ...              | ...     |
| Part I only ...                                      | 1,175            | 134       | ...              | ...     | ...                          | ...     | ...              | ...     |
| Part II only ...                                     | 409              | 184       | ...              | ...     | ...                          | ...     | ...              | ...     |
| Degree in Arts—                                      |                  |           |                  |         |                              |         |                  |         |
| B.A. English Language divi-<br>sion ...              | 2,532            | 982       | 1,523            | 626     | 964                          | 488     | 458              | 230     |
| Second Language divi-<br>sion ...                    | ...              | ...       | 1,044            | 881     | 656                          | 516     | ...              | ...     |
| Science division ...                                 | 2,132            | 934       | 1,374            | 810     | 859                          | 449     | 540              | 316     |
| M.A. ...                                             | 89               | 20        | 61               | 27      | 41                           | 19      | 13               | 6       |
| Degree in Teaching—                                  |                  |           |                  |         |                              |         |                  |         |
| L.T. ...                                             | 242              | 150       | 116              | 80      | Written 108<br>Practical 147 | 70      | 19               | 7       |
| Degree in Medicine—                                  |                  |           |                  |         |                              |         |                  |         |
| L.M. & S. ...                                        | 5                | 2         | 23               | 13      | 2                            | ...     | 96               | 17      |
| Part I only ...                                      | 26               | 25        | ...              | ...     | ...                          | ...     | ...              | ...     |
| Part II only ...                                     | 14               | 4         | ...              | ...     | ...                          | ...     | ...              | ...     |
| M.B. & C.M. ...                                      | 2                | ...       | ...              | ...     | ...                          | ...     | ...              | ...     |
| or ...                                               | 27               | (c) 22    | (d) 23           | 8       | 6                            | ...     | 2                | 1       |
| M.B. & B.S. ...                                      | 51               | 14        | ...              | ...     | ...                          | ...     | ...              | ...     |
| M.D. ...                                             | 1                | ...       | 2                | 1       | ...                          | ...     | ...              | ...     |
| Degree in Law—                                       |                  |           |                  |         |                              |         |                  |         |
| B.L. ...                                             | 429              | 299       | 354              | 81      | 353                          | 141     | 137              | 39      |
| M.L. ...                                             | 45               | 12        | 14               | 1       | 3                            | 1       | 2                | 1       |
| Degree in Civil Engineering—                         |                  |           |                  |         |                              |         |                  |         |
| B.C.E. or B.E.—                                      |                  |           |                  |         |                              |         |                  |         |
| Civil ...                                            | 24               | 16        | 10               | 5       | 4                            | 3       | 11               | 1       |
| Mechanical ..                                        | 18               | 13        | 10               | 3       | 5                            | 3       | ...              | ...     |

(a) The Secondary School Leaving Certificate Examination was instituted in 1911. Up to 1916, no list of candidates eligible for a University course was issued. A register of marks obtained in the class and in the public examination was given to each candidate and those who were admitted into a college for the University course were registered by the University as matriculates. From the year 1916, a list of candidates eligible for a University course is published annually and the number entered in column 3 for 1921 is based on this list.

(b) In addition to these 222 passed in Part I only, and 633 in Part II only.

(c) In addition, 25 candidates qualified for the L.M. & S. only, 4 in Part I and 21 in Part II.

(d) Of these, 6 candidates qualified for the L.M. & S. only.

## 9.—Number and circulation of newspapers, etc.

| Language.                              | Year. | Daily.  |              | Tri-weekly or bi-weekly. |              | Weekly. |              | Tri-monthly, bi-monthly or fortnightly. |              | Monthly. |              | Six to ten times a year. |              | Quarterly. |              | At other intervals. |              |
|----------------------------------------|-------|---------|--------------|--------------------------|--------------|---------|--------------|-----------------------------------------|--------------|----------|--------------|--------------------------|--------------|------------|--------------|---------------------|--------------|
|                                        |       | Number. | Circulation. | Number.                  | Circulation. | Number. | Circulation. | Number.                                 | Circulation. | Number.  | Circulation. | Number.                  | Circulation. | Number.    | Circulation. | Number.             | Circulation. |
| All languages                          | 1921  | 16      | 32,893       | 11                       | 18,207       | 113     | 99,281       | 38                                      | 24,670       | 243      | 208,988      | 1                        | 300          | 28         | 23,420       | 13                  | 4,745        |
|                                        | 1911  | 9       | 19,840       | 14                       | 10,225       | 69      | 50,463       | 22                                      | 14,869       | 184      | 158,492      | 6                        | 4,200        | 12         | 5,350        | ...                 | ...          |
|                                        | 1901  | 9       | 12,893       | 17                       | 7,120        | 92      | 46,784       | 22                                      | 8,693        | 98       | 67,196       | 2                        | 1,075        | 3          | 900          | ...                 | ...          |
|                                        | 1921  | 5       | 15,300       | 4                        | 3,850        | 26      | 18,375       | 13                                      | 8,025        | 59       | 54,863       | 1                        | (a) 300      | 17         | 15,660       | 10                  | (d) 3,545    |
| English                                | 1921  | 7       | 16,189       | 5                        | 2,910        | 17      | 8,839        | 4                                       | 3,268        | 36       | 30,462       | 2                        | (b) 1,575    | 7          | 3,250        | ...                 | ...          |
|                                        | 1911  | 5       | 10,493       | 7                        | 2,840        | 20      | 9,114        | 1                                       | 500          | 31       | 24,980       | 1                        | (b) 825      | 3          | 900          | ...                 | ...          |
| English, Tamil and Telugu              | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 1        | 1,000        | ...                      | ...          | ...        | ...          | ...                 | ...          |
| English, Tamil and Malayalam           | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | 1                                       | 500          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| English and Latin                      | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 2        | 1,500        | ...                      | ...          | ...        | ...          | ...                 | ...          |
| English, Latin and Malayalam           | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | 1                   | (e) 100      |
|                                        | 1921  | ...     | ...          | ...                      | ...          | 3       | 1,355        | 1                                       | 500          | ...      | ...          | ...                      | ...          | 1          | 400          | 2                   | (f) 1,100    |
| Anglo-Tamil                            | 1911  | ...     | ...          | ...                      | ...          | 1       | 400          | 2                                       | 1,500        | 2        | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | 2       | 2,280        | 2                                       | 900          | 4        | 2,050        | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1921  | 1       | 2,500        | ...                      | ...          | 7       | 8,200        | 1                                       | 1,200        | 3        | 950          | ...                      | ...          | 2          | 500          | ...                 | ...          |
| Anglo-Telugu                           | 1911  | ...     | ...          | ...                      | ...          | ...     | ...          | 1                                       | 1,500        | 1        | 500          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | 1       | 100          | ...                                     | ...          | 2        | 550          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Anglo-Telugu and Tamil                 | 1911  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 1        | 125          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 1        | 500          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Anglo-Malayalam                        | 1921  | ...     | ...          | 3                        | 8,300        | 20      | 19,500       | 1                                       | 300          | 4        | 2,800        | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1911  | ...     | ...          | 2                        | 3,540        | ...     | ...          | ...                                     | ...          | ...      | ...          | 1                        | (c) 300      | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | 1                        | 1,600        | 1       | 1,135        | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Anglo-Kanarese                         | 1921  | 1       | 600          | ...                      | ...          | 2       | 2,550        | ...                                     | ...          | 4        | 4,350        | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1911  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 1        | 1,000        | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Anglo-Urdu                             | 1921  | ...     | ...          | 1                        | 757          | ...     | ...          | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Anglo-Sanskrit                         | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 1        | 500          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1911  | ...     | ...          | ...                      | ...          | ...     | ...          | 2                                       | 1,028        | 1        | 1,000        | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Tamil                                  | 1921  | 4       | 8,500        | 2                        | 4,000        | 17      | 13,376       | 3                                       | 2,750        | 50       | 63,595       | ...                      | ...          | 1          | 600          | ...                 | ...          |
|                                        | 1911  | 1       | 2,680        | 2                        | 1,350        | 15      | 8,955        | 4                                       | 2,150        | 37       | 55,896       | ...                      | ...          | 1          | 200          | ...                 | ...          |
|                                        | 1901  | 2       | 1,400        | 3                        | 700          | 28      | 14,210       | 5                                       | 1,934        | 16       | 13,630       | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Tamil and Anglo-Tamil                  | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 1        | 1,800        | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 2        | 550          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Tamil and Telugu                       | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 1        | 1,500        | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 1        | 550          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Tamil and Malayalam                    | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 1        | 500          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Tamil and Sanskrit                     | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | ...     | ...          | 1                                       | 400          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Tamil and French                       | 1921  | ...     | ...          | ...                      | ...          | 1       | 500          | 1                                       | 150          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Telugu                                 | 1921  | 1       | 1,229        | ...                      | ...          | 11      | 6,775        | 8                                       | 4,845        | 35       | 19,722       | ...                      | ...          | 3          | 2,510        | ...                 | ...          |
|                                        | 1911  | ...     | ...          | 2                        | 1,000        | 6       | 4,525        | 4                                       | 3,400        | 34       | 25,975       | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | 1       | 200          | 3                        | 1,305        | 8       | 3,025        | 3                                       | 950          | 17       | 9,545        | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1921  | ...     | ...          | 1                        | 1,300        | 9       | 6,350        | 2                                       | 1,250        | 40       | 32,898       | ...                      | ...          | 2          | 2,925        | ...                 | ...          |
| Malayalam                              | 1911  | ...     | ...          | 1                        | 750          | 12      | 10,950       | 3                                       | 1,223        | 32       | 24,146       | 3                        | (b) 2,325    | 1          | 500          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | 6       | 3,870        | 4                                       | 1,570        | 13       | 7,595        | 1                        | (b) 250      | ...        | ...          | ...                 | ...          |
|                                        | 1921  | ...     | ...          | ...                      | ...          | 11      | 18,600       | 2                                       | 2,200        | 24       | 14,120       | ...                      | ...          | 2          | 825          | ...                 | ...          |
| Kanarese                               | 1911  | ...     | ...          | ...                      | ...          | 5       | 10,762       | ...                                     | ...          | 16       | 8,583        | ...                      | ...          | 1          | 200          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | 5       | 7,300        | 3                                       | 1,919        | 5        | 5,368        | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Konkani                                | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | 1                                       | 850          | 1        | 1,000        | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 3        | 1,470        | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Oriya                                  | 1921  | ...     | ...          | ...                      | ...          | 1       | 1,000        | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | 1       | 1,800        | ...                                     | ...          | 1        | 1,000        | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Oriya and English                      | 1901  | ...     | ...          | ...                      | ...          | ...     | ...          | 1                                       | 100          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1921  | 4       | 3,764        | ...                      | ...          | 3       | 2,050        | 1                                       | 400          | 10       | 4,990        | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Urdu                                   | 1911  | 1       | 1,000        | 1                        | 100          | 7       | 2,882        | 2                                       | 300          | 10       | 5,450        | ...                      | ...          | 1          | 400          | ...                 | ...          |
|                                        | 1901  | 1       | 800          | 1                        | 50           | 15      | 4,930        | 1                                       | 250          | 6        | 2,300        | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Urdu and Anglo-Tamil                   | 1911  | ...     | ...          | 1                        | 575          | ...     | ...          | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | 1                        | 575          | ...     | ...          | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Urdu and Kanarese                      | 1901  | ...     | ...          | ...                      | ...          | 1       | 150          | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Urdu and Marathi                       | 1901  | ...     | ...          | ...                      | ...          | 2       | 570          | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Marathi                                | 1921  | ...     | ...          | ...                      | ...          | 1       | 350          | ...                                     | ...          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1911  | ...     | ...          | ...                      | ...          | 3       | 1,000        | ...                                     | ...          | 2        | 390          | ...                      | ...          | 1          | 800          | ...                 | ...          |
| French, Italian, Portuguese and German | 1901  | ...     | ...          | 1                        | 50           | 3       | 100          | ...                                     | ...          | 1        | 130          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1921  | ...     | ...          | ...                      | ...          | 1       | 300          | 1                                       | 700          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Sanskrit                               | 1911  | ...     | ...          | ...                      | ...          | 2       | 300          | ...                                     | ...          | 3        | 700          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Sanskrit and Telugu                    | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | 1                                       | 500          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | ...     | ...          | 1                                       | 500          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Sanskrit and Malayalam                 | 1911  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 1        | 540          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1901  | ...     | ...          | ...                      | ...          | ...     | ...          | 1                                       | 200          | ...      | ...          | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Sanskrit and Kanarese                  | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 2        | 600          | ...                      | ...          | ...        | ...          | ...                 | ...          |
|                                        | 1911  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 5        | 1,575        | ...                      | ...          | ...        | ...          | ...                 | ...          |
| Latin                                  | 1921  | ...     | ...          | ...                      | ...          | ...     | ...          | ...                                     | ...          | 1        | 900          | ...                      | ...          | ...        | ...          | ...                 | ...          |

(a) Ten times a year.

(b) Once in two months.

(c) Eight times a year.

(d) Made up of 1 once in four months (circulation 600); 2 three times a year (circulation 900); 4 half-yearly (circulation 1,475); 3 yearly (circulation 570).

(e) At irregular intervals.

(f) Made up of 1 three times a year (circulation 350); 1 half-yearly (circulation 750).

## 10.—Number of books published in each language during the last four decades.

| Language.                                      | 1911-1920. | 1901-1910. | 1891-1900. | 1861-1890. |
|------------------------------------------------|------------|------------|------------|------------|
| Total                                          | 34,684     | 17,412     | 9,766      | 9,590      |
| A.—Vernaculars of India.                       |            |            |            |            |
| (i) Vernaculars of the Presidency              | 22,139     | 9,697      | 5,437      | 6,449      |
| 1. Badaga                                      | 1          | 1          | ...        | 2          |
| 2. Hindostani                                  | 399        | 223        | 56         | 275        |
| 3. Kanarese                                    | 873        | 420        | 337        | 530        |
| 4. Konkani                                     | 120        | 22         | 6          | 12         |
| 5. Kui (Khond)                                 | 2          | ...        | ...        | ...        |
| 6. Malayalam                                   | 1,278      | 719        | 371        | 790        |
| 7. Marathi                                     | 14         | 5          | 5          | 5          |
| 8. Oriya                                       | 298        | 196        | 13         | 6          |
| 9. Patuli, Kshatri or Saurashtra               | 6          | 9          | 1          | ...        |
| 10. Savara                                     | 3          | ...        | ...        | ...        |
| 11. Tamil                                      | 11,663     | 4,820      | 2,297      | 3,232      |
| 12. Telugu                                     | 7,465      | 3,255      | 2,347      | 1,575      |
| 13. Toda                                       | 1          | 3          | ...        | ...        |
| 14. Tulu                                       | 16         | 24         | 4          | 15         |
| (ii) Vernaculars foreign to the Presidency     | 2,400      | 1,773      | 1,071      | 956        |
| 15. Guro                                       | 2          | ...        | ...        | ...        |
| 16. Gujarati                                   | 20         | ...        | ...        | ...        |
| 17. Hindi                                      | 11         | ...        | ...        | ...        |
| 18. Kodagu or Coorgi                           | 1          | 2          | ...        | 2          |
| 19. Lushai                                     | 10         | 19         | ...        | ...        |
| 20. Pali (in English)                          | 1          | ...        | ...        | ...        |
| 21. Prakrit                                    | 1          | ...        | ...        | ...        |
| 22. Sanskrit                                   | 2,364      | 1,762      | 1,071      | 964        |
| B.—Vernaculars of Non-Indian Asiatic Countries |            |            |            |            |
| 23. Arabic                                     | 441        | 254        | 17         | 119        |
| 24. Persian                                    | 430        | 240        | 13         | 80         |
|                                                | 11         | 14         | 4          | 39         |
| C.—European Languages                          |            |            |            |            |
| 25. Dutch                                      | 9,657      | 5,663      | 3,131      | 2,045      |
| 26. English                                    | 6          | 10         | ...        | ...        |
| 27. French                                     | 9,569      | 5,613      | 3,124      | 2,026      |
| 28. German                                     | 32         | 12         | ...        | 1          |
| 29. Italian                                    | 1          | ...        | 2          | ...        |
| 30. Latin                                      | 14         | 20         | ...        | ...        |
| 31. Portuguese                                 | 23         | 8          | 5          | 18         |
|                                                | 12         | ...        | ...        | ...        |
| D.—Other Languages                             |            |            |            |            |
| 32. Others                                     | 37         | 25         | 110        | 11         |
|                                                | 37         | 25         | 110        | 11         |

## CHAPTER IX.—LANGUAGE.

Reference to statistics

ON the enumeration schedule a column is provided for the language habitually used by each person. The enumerators were instructed to record in this column the language which each person ordinarily speaks in his house. The instructions were simple and easy to grasp and it is probable that the statistics of language are about the most accurate of any collected at the census. The result is presented in Imperial Table X; and at the end of this chapter are three subsidiary tables of which (1) shows the languages arranged according to the Linguistic Survey and the number of persons speaking each language, (2) gives the distribution by language of 10,000 of the population of each district and natural division, and (3) compares for some of the aboriginal and jungle tribes the strength of the tribe with the number returned as speaking the tribal languages.

Dravidian languages mainly spoken

2. Madras is pre-eminently the Presidency of the Dravidian languages. Of every 1,000 inhabitants of Madras, 924 speak a Dravidian language, 70 speak an Aryan language, 5 a Munda language and 1 an European language. Again of 62,718,961 persons in India who in 1911 spoke Dravidian languages, 42,824,049 or 68 per cent were enumerated in Madras and in the States attached to the Madras Government.

Distribution of population by language

| Persons per 1,000 of the population speaking |     | 1921. | 1911. |
|----------------------------------------------|-----|-------|-------|
| Tamil ...                                    | ... | 410   | 407   |
| Telugu ...                                   | ... | 377   | 377   |
| Malayālam ...                                | ... | 75    | 74    |
| Oriyā ...                                    | ... | 37    | 38    |
| Kanarese ...                                 | ... | 35    | 37    |
| Hindōstānī ...                               | ... | 23    | 23    |
| Total ...                                    | ... | 957   | 956   |
|                                              |     | 1921. | 1911. |
| Tulu ...                                     | ... | 13    | 12    |
| Khond ...                                    | ... | 8     | 9     |
| Savara ...                                   | ... | 4     | 4     |
| Kōnkanī ...                                  | ... | 4     | 4     |
| Marāṭhī ...                                  | ... | 3     | 3     |
| Saurāshtrā ...                               | ... | 2     | 2     |
| English ...                                  | ... | 1     | 1     |
| Others ...                                   | ... | 8     | 9     |
| Total ...                                    | ... | 43    | 44    |

Variation in languages returned

4. Of the smaller languages, Bellara and Koraga which were returned in 1911 do not now appear; both are now treated as dialects of Tulu, following the Linguistic Survey. Similarly of the Indian vernaculars foreign to the Presidency we now miss Chitrālī, Goanese, and Korku; Chitrālī and Korku or Kurukh have not been returned at this census, and Goanese is now included with Kōnkanī. Of the vernaculars of non-Indian Asiatic countries we lose Syriac and gain Malay; and among European languages we gain Russian, and lose Flemish, Hungarian, and (despite the presence of the Leinster Regiment) Irish.

5. Subsidiary table 2 shows that there are 9 districts in which 90 per cent

Distribution of languages by districts

| District.             | Language.  |
|-----------------------|------------|
| Vizagapatam...        | Telugu.    |
| Gōdāvari ...          | "          |
| Kistna ...            | "          |
| Guntūr ...            | "          |
| Nellore ...           | "          |
| Tanjore ...           | Tamil.     |
| Tinnevely ...         | "          |
| Malabar ...           | Malayālam. |
| Pudukkōttai State ... | Tamil.     |

of the population speaks one language; and it is remarkable that there is far less mixture of languages in the Telugu districts of the East Coast North division than in any other part of the Presidency except Malabar. There are a considerable number of Telugu-speakers in every Tamil district and even on the West Coast; but the number of Tamil-speakers in the Telugu districts is insignificant. A few districts are notoriously bi-lingual or multi-lingual and it is interesting to watch in these districts for any tendency of one language to obliterate another. The principal districts to which these remarks apply are Ganjām with a long-standing feud between Telugu and Oriyā, Bellary divided in allegiance between Kanarese and Telugu with a strong element of Hindōstānī, Chittoor on the borderland between Telugu and Tamil, Coimbatore with Telugu and Kanarese competing with Tamil, the Nilgiris where practically all the main languages meet and where the tribal dialects of Badaga and Kurumba claim a wide acceptance, and South Kanara where Kanarese—the official language of the district—is spoken by only 18 per cent of the population, both Tulu and Malayālam being spoken by larger numbers. Above all there is of course the Agency—a linguistic "No man's land"—where Munda, Dravidian and Aryan languages meet, and where primitive tribal tongues are found side by side with the more cultured languages of the country.

Number per 10,000 of the population who speak

|                     | 1921. | 1911. |
|---------------------|-------|-------|
| Oriyā ...           | 5,076 | 5,124 |
| Telugu ...          | 4,548 | 4,487 |
| Savara ...          | 232   | 234   |
| Khond ...           | 105   | 107   |
| Other languages ... | 39    | 48    |

The figures for Ganjām compare as shown in the margin. There are 48 fewer people in 10,000 speaking Oriyā, and 61 more who speak Telugu. The tendency of Telugu to replace Oriyā was remarked in 1911.

Ganjām

In Bellary we find rather more variation; but it must be remembered that

Bellary

Number per 10,000 of the population who speak

|                     | 1921. | 1911. |
|---------------------|-------|-------|
| Kanarese ...        | 5,598 | 5,513 |
| Telugu ...          | 3,151 | 3,308 |
| Hindōstānī ...      | 904   | 820   |
| Marāṭhī ...         | 142   | 119   |
| Lambādī ...         | 71    | 110   |
| Tamil ...           | 68    | 71    |
| Other languages ... | 66    | 59    |

the population of Bellary has received a very great shock during the decade and that variations in its composition are only to be expected. Telugu-speakers have decreased by 157 in 10,000, the increase being shared between Kanarese, Hindōstānī and Marāṭhī. There are also 39 fewer Lambādī-speakers in 10,000 of the population than in 1911.

Number per 10,000 of the population who speak

|                     | 1921. | 1911. |
|---------------------|-------|-------|
| Telugu ...          | 7,224 | 7,186 |
| Tamil ...           | 2,132 | 2,165 |
| Hindōstānī ...      | 455   | 423   |
| Kanarese ...        | 110   | 137   |
| Marāṭhī ...         | 31    | 33    |
| Other languages ... | 48    | 56    |

Chittoor displays very little change in the decade; the proportion of Telugu and Hindōstānī speakers is a little higher now, while Tamil, Kanarese and Marāṭhī have lost a little ground.

Chittoor

Number per 10,000 of the population who speak

|                     | 1921. | 1911. |
|---------------------|-------|-------|
| Tamil ...           | 6,426 | 6,439 |
| Telugu ...          | 2,227 | 2,202 |
| Kanarese ...        | 1,180 | 1,218 |
| Hindōstānī ...      | 113   | 100   |
| Other languages ... | 54    | 41    |

In Coimbatore again the proportion remains much as it was in 1911, a very slight gain in Telugu and Hindōstānī, being balanced by a slight decline in Tamil and Kanarese.

Coimbatore



## Nilgiris

| Number per 10,000 of the population who speak |             | Number per 10,000 of the population who speak |         |
|-----------------------------------------------|-------------|-----------------------------------------------|---------|
| 1921.                                         | 1911.       | 1921.                                         | 1911.   |
| Badaga ...                                    | 3,138 3,261 | Hindostāni ...                                | 311 323 |
| Tamil ...                                     | 3,085 3,085 | Kurumba ...                                   | 233 246 |
| Kanarese ...                                  | 1,166 1,098 | Irula ...                                     | 92 189  |
| Malayālam ...                                 | 917 709     | Kōta ...                                      | 94 107  |
| English ...                                   | 391 385     | Tōda ...                                      | 52 61   |
| Telugu ...                                    | 355 381     | Marāthi ...                                   | 72 84   |
|                                               |             | Other languages.                              | 94 61   |

Number per 10,000 of the population who speak

## South Kanara

| Number per 10,000 of the population who speak |             | Number per 10,000 of the population who speak |       |
|-----------------------------------------------|-------------|-----------------------------------------------|-------|
| 1921.                                         | 1911.       | 1921.                                         | 1911. |
| Tulu ...                                      | 4,312 4,281 |                                               |       |
| Malayālam ...                                 | 2,038 1,983 |                                               |       |
| Kanarese ...                                  | 1,778 1,871 |                                               |       |
| Kōnkanī ...                                   | 1,407 1,367 |                                               |       |
| Marāthi ...                                   | 298 303     |                                               |       |
| Hindostāni ...                                | 139 154     |                                               |       |
| Other languages                               | 28 41       |                                               |       |

## Agency

The figures for the Agency show that a large number of languages are spoken each by considerable numbers of people. The proportion of Telugu and Khond speakers has gone down, and to balance this fall, there is an increase under Savara and Oriyā. So far as the Agency is concerned there is very little evidence of the aboriginal languages being ousted by the more civilized tongues; if there is a fall in the proportion of those who speak Khond,

Number per 10,000 of the population who speak

| Number per 10,000 of the population who speak |             | Number per 10,000 of the population who speak |       |
|-----------------------------------------------|-------------|-----------------------------------------------|-------|
| 1921.                                         | 1911.       | 1921.                                         | 1911. |
| Oriyā ...                                     | 4,026 3,842 |                                               |       |
| Khond ...                                     | 2,094 2,133 |                                               |       |
| Telugu ...                                    | 1,987 2,164 |                                               |       |
| Savara ...                                    | 827 771     |                                               |       |
| Porojā ...                                    | 346 373     |                                               |       |
| Kōyā ...                                      | 298 306     |                                               |       |
| Gadabā ...                                    | 131 169     |                                               |       |
| Konda ...                                     | 102 95      |                                               |       |
| Gōndī ...                                     | 73 58       |                                               |       |
| Others ...                                    | 116 99      |                                               |       |

Gadabā, Kōyā and Porojā, there is an increase in the proportion of those who speak Savara, Konda and Gōndī.

## Porojā and Gadabā

6. The terms Porojā and Gadabā no more represent a language than they represent a race; just as there are several tribes grouped under the comprehensive term Porojā or Gadabā, so each of these tribes—amongst other characteristics which distinguish it from its neighbours—has a language of its own. An attempt to get enumerators to distinguish between the various tribes and languages was only partially successful, as is shown by the figures in the margin which show the languages actually returned with the number of persons speaking each.

| Persons.                |        | Persons. |       |
|-------------------------|--------|----------|-------|
| 1921.                   | 1911.  | 1921.    | 1911. |
| Gadabā ...              | 22,857 |          |       |
| Parenga Gadabā ...      | 4,163  |          |       |
| Olaru Gadabā ...        | 3,151  |          |       |
| Bodo Gadabā (Gutob) ... | 2,725  |          |       |
| Total ...               | 32,896 |          |       |
| Porojā ...              | 24,502 |          |       |
| Bonda Porojā ...        | 22,921 |          |       |
| Pengu Porojā ...        | 3,584  |          |       |
| Daruva Porojā ...       | 929    |          |       |
| Total ...               | 51,936 |          |       |

A. C. Duff, I.C.S., and others who have made a study of the question, may serve as a starting point for the scholar who is to investigate the primitive languages of the Agency. The Bodo Gadabā or Gutob and Parenga Gadabā languages are Munda; Olaru Gadabā is Dravidian; and each language is unintelligible to persons of another tribe. And of the Porojā tongues Bonda Porojā is Munda, while Daruva and Pengu Porojā are Dravidian. The figures shown against each language do not of course represent the full strength of the tribe or the full number of those who speak the particular language; those returned simply as Gadabā or Porojā should be distributed among the several tribes and languages; and a considerable number of persons whose tribe is returned either as Gadabā or Porojā have returned their language as Oriyā, Telugu or Khond.

## Tribal languages losing ground

7. Subsidiary table 3 shows that in the Presidency as a whole the tribal languages are not holding their own; they are spoken only by 792,321 persons as compared with 1,410,483 persons in 1911 and it is only in the case of Konda Doras and Tōdas that a larger proportion of the tribe than in 1911 are now

In the Nilgiris there has been more change; all tribal languages show a decline, and there is a corresponding increase in the proportion of persons who speak Kanarese and Malayālam—the increase in the last being particularly marked.

In South Kanara, Kanarese has lost ground to Tulu, Kōnkanī and Malayālam.

that a large number of languages are spoken each by considerable numbers of people. The proportion of Telugu and Khond speakers has gone down, and to balance this fall, there is an increase under Savara and Oriyā. So far as the Agency is concerned there is very little evidence of the aboriginal languages being ousted by the more civilized tongues; if there is a fall in the proportion of those who speak Khond,

Without an intimate knowledge of these shy people and their languages it is presumptuous to dogmatize. The following conclusions, however, reached from information kindly supplied by Messrs. C. A. Henderson, I.C.S.,

returned as speaking the tribal language. We have just seen that in the Agency there has been an increase in the number of persons who speak Savara; but from subsidiary table 3 we learn that if the whole Savara tribe is taken into consideration the number per mille who speak Savara has fallen from 891 to 793. In the case of Khonds and Tōdas the language is spoken by more persons than are shown against the tribal strength; in the case of Tōdas this is due to the fact that some Tōdas have become Christians and so are shown as Indian Christians, though they continue to speak their own language; and similarly in the case of Khonds there are several tribes of which some members have been returned as speaking Khond, e.g., Jātāpu, Gond, etc. The figures in column 3 of subsidiary table 3 are taken from Imperial Table X and represent the total number of persons returned as speaking the particular language. But in Part I of Imperial Table XIII are shown the exact number of persons in each caste or tribe who have been returned as speaking a particular language. Thus in Table XIII we find that of 329,569 Khonds only 307,670 speak Khond; of the 341,726 persons who are recorded in Table X as speakers of Khond, we see from Table XIII that nearly 20,000 are Jātāpus, a few are Gonds, while the rest are small bodies of various tribes—so scanty in numbers that they find no mention in Table XIII. Similarly we find that of 65,466 Konda Doras only 11,768 speak Konda; the other 14,000 Konda-speakers being mostly Khonds and Jātāpus. Subsidiary table 3 is kept in its present form in order to present a true comparison with the figures of previous censuses when castes were not tabulated by language; but a truer view of the proportion of the members of a tribe who speak the tribal language is to be obtained from Table XIII.

8. A record has for the first time been made at this census of the languages returned by the Muhammadans of the Presidency. The figures in the margin give the results. The Malayālam-speakers are of course almost all Mapillas of Malabar and South Kanara districts. Hindostānī is returned by Musalmans of every district in the Presidency; but it is in most common use in the Deccan districts, Guntūr, Kistna, Nellore and North Arcot. Tamil is of

Languages returned by Musalmans

| Number of Muhammadans who speak |           | Actual. |       | Per 1,000 |       |
|---------------------------------|-----------|---------|-------|-----------|-------|
| 1921.                           | 1911.     | 1921.   | 1911. | 1921.     | 1911. |
| Malayālam ...                   | 1,108,865 | 387     |       |           |       |
| Hindostānī ...                  | 959,870   | 335     |       |           |       |
| Tamil ...                       | 598,845   | 209     |       |           |       |
| Telugu ...                      | 169,052   | 59      |       |           |       |
| Kanarese ...                    | 11,461    | 4       |       |           |       |
| Hindī ...                       | 3,835     | 1       |       |           |       |
| Mahl ...                        | 3,148     | 1       |       |           |       |
| Kōnkanī ...                     | 2,923     | 1       |       |           |       |
| Marāthī ...                     | 2,025     | 1       |       |           |       |
| Other languages ...             | 5,256     | 2       |       |           |       |

course spoken in all districts south and west of Madras, and Telugu to the north; but there are a considerable number of Telugu-speaking Musalmans returned in the districts of South Arcot and Trichinopoly. Hindī has been returned all over the Presidency, Kanarese is spoken almost entirely in Bellary, Mahl is the language of the Maldive Islands which are attached to the Ceylon Government and of Minicoy which is treated as one of the Laccadive group attached to the Malabar district, Kōnkanī is peculiar to South Kanara, and Marāthī to Bellary and South Kanara.

9. An examination of the languages returned by certain Musalman tribes in certain districts of the Presidency gives the following results:—

| Tribe.       | Population dealt with. | Percentage of population in column 2 who speak |             |        |         |           |          |
|--------------|------------------------|------------------------------------------------|-------------|--------|---------|-----------|----------|
|              |                        | Malayālam.                                     | Hindostānī. | Tamil. | Telugu. | Kanarese. | Kōnkanī. |
| Total ...    | 2,452,144              | 44.8                                           | 28.7        | 17.4   | 8.6     | 0.4       | 0.1      |
| Māppilla ... | 1,092,975              | 99.5                                           | 0.4         | 0.1    | ...     | ...       | ...      |
| Sheik ...    | 798,998                | ...                                            | 65.5        | 17.1   | 16.4    | 0.7       | 0.3      |
| Labbai ...   | 283,695                | 3.5                                            | 3.1         | 91.0   | 2.1     | 0.3       | ...      |
| Saiyad ...   | 134,829                | 0.7                                            | 59.2        | 21.1   | 18.5    | 0.2       | 0.3      |
| Pathān ...   | 71,316                 | 1.2                                            | 84.7        | 2.2    | 11.6    | 0.3       | ...      |
| Dadēkula ... | 70,381                 | ...                                            | 39.5        | 0.2    | 57.0    | 3.3       | ...      |

Māppillas speak practically no language except Malayālam, and over 90 per cent of the Labbais speak Tamil. More than half the Pathāns, Sheiks and Saiyads return Hindōstānī as their language, and a majority of the Dūdekulas speak Telugu. A considerable proportion of the Sheiks and Saiyads speak Tamil and Telugu, while those Pathāns who do not speak Hindōstānī as a rule return Telugu. A few Dūdekulas in Bellary district speak Kanarese; but elsewhere neither Kanarese nor Kōnkani is returned by any appreciable number of any tribe.

1.—Distribution of total population by language according to Linguistic Survey.

(Languages spoken by less than 500 persons have been omitted.)

| Family, sub-family branch and sub-branch. | Group.              | Language.                       | Dialect.                | Total number of speakers (000s omitted). |            |            | Number per 10,000 of population of province in 1921. | Where chiefly spoken (district or natural division).        |
|-------------------------------------------|---------------------|---------------------------------|-------------------------|------------------------------------------|------------|------------|------------------------------------------------------|-------------------------------------------------------------|
|                                           |                     |                                 |                         | 1921.                                    | 1911.      | 1901.      |                                                      |                                                             |
| 1                                         | 2                   | 3                               | 4                       | 5                                        | 6          | 7          | 8                                                    | 9                                                           |
| I.—LANGUAGES OF INDIA.                    |                     |                                 |                         |                                          |            |            |                                                      |                                                             |
| AUSTRIC FAMILY.                           | ...                 | ...                             | ...                     | ...                                      | ...        | ...        | ...                                                  |                                                             |
| AUSTRO-ASIATIC SUB-FAMILY.                | ...                 | ...                             | ...                     | ...                                      | ...        | ...        | ...                                                  |                                                             |
| MUNDA BRANCH                              | ...                 | ...                             | Total ...               | 200                                      | 209        | 193        | 47                                                   | Agency and Ganjām.                                          |
|                                           |                     | Savara                          | ...                     | 167                                      | 166        | 157        | 39                                                   |                                                             |
|                                           |                     | Gadaba                          | ...                     | 33                                       | 43         | 36         | 8                                                    | Agency and Vizagapatam.                                     |
|                                           |                     | Total ...                       | ...                     | 39,529                                   | 38,591 (a) | 35,282 (b) | 9,236                                                |                                                             |
|                                           |                     | Tamil                           | ...                     | 17,557                                   | 17,038     | 15,544     | 4,103                                                | East Coast Central and South divisions.                     |
|                                           |                     | Korava or Yerukala.             | ...                     | 35                                       | 43         | 41         | 8                                                    | Deccan, East Coast North and Central divisions.             |
|                                           |                     | Irula                           | ...                     | 1                                        | 2          | 1          | ...                                                  | Nilgiris.                                                   |
|                                           | Dravida group.      | Malayālam                       | ...                     | 3,226                                    | 3,099      | 2,861      | 754                                                  | West Coast.                                                 |
|                                           |                     | Kanarese                        | ...                     | 1,504                                    | 1,562      | 1,531      | 351                                                  | Deccan, West Coast, East Coast Central and South divisions. |
|                                           |                     | Badagā                          | ...                     | 40                                       | 39         | 34         | 9                                                    | Nilgiris.                                                   |
|                                           |                     | Kurumba                         | ...                     | 3                                        | 3          | 5          | 1                                                    | Nilgiris.                                                   |
|                                           |                     | Tulu                            | ...                     | 541                                      | 513        | 496        | 126                                                  | South Kanara.                                               |
|                                           |                     | Tōda                            | ...                     | 1                                        | 1          | 1          | ...                                                  | Nilgiris.                                                   |
|                                           |                     | Kōta                            | ...                     | 1                                        | 1          | 1          | ...                                                  | Nilgiris.                                                   |
|                                           |                     | Kui, Kandhi, or Khond.          | ...                     | 342                                      | 371        | 357        | 80                                                   | Agency, Ganjām and Vizagapatam.                             |
|                                           |                     | Gōndi                           | ...                     | 11                                       | 8          | 4          | 3                                                    |                                                             |
|                                           |                     | Kōi or Kōyā.                    | ...                     | 46                                       | 49         | 47         | 11                                                   |                                                             |
|                                           |                     | Kōnda                           | ...                     | 25                                       | 19         | 15         | 6                                                    | Agency.                                                     |
|                                           |                     | Parji or Porojā.                | ...                     | 52                                       | 59         | 26         | 12                                                   |                                                             |
|                                           | Intermediate Group. | Andhra Language—Telugu          | ...                     | 16,114                                   | 15,782     | 14,315     | 3,772                                                | East Coast North and all over the Presidency.               |
|                                           |                     | Total ...                       | ...                     | 3,025                                    | 3,027      | 3,118 (c)  | 708                                                  |                                                             |
| INDO-EUROPEAN FAMILY.                     | ...                 | ...                             | Total ...               | 125                                      | 127        | 121        | 29                                                   | All over the Presidency.                                    |
| ARYAN SUB-FAMILY.                         | Southern Group.     | Marāthi                         | ...                     | 179                                      | 170        | 157        | 42                                                   | South Kanara and Malabar.                                   |
|                                           |                     | Kōnkani                         | ...                     | 1,574                                    | 1,604      | 1,809      | 368                                                  | Minicoy.                                                    |
| INDO-ARYAN BRANCH, OUTER SUB-BRANCH.      | Eastern Group.      | Singhalese                      | ...                     | 3                                        | 4          | 3          | 1                                                    | Ganjām and Vizagapatam.                                     |
|                                           |                     | Oriyā                           | ...                     | 1                                        | 1          | 1          | ...                                                  |                                                             |
|                                           |                     | Bengali                         | ...                     | 3                                        | 3          | 2          | 1                                                    | Agency.                                                     |
| MEDIATE SUB-BRANCH.                       | Mediate Group.      | Eastern Hindi.                  | Chhattisgarhi or Lariā. | 8                                        | 1          | 3          | 2                                                    |                                                             |
|                                           |                     | Western Hindi.                  | Hindi                   | 1,000                                    | 975        | 889        | 234                                                  | Whole province.                                             |
|                                           |                     | Hindōstāni                      | ...                     | 7                                        | 7          | 7          | 2                                                    | Madras and Malabar.                                         |
|                                           |                     | Gujarātī                        | ...                     | 35                                       | 93         | 89         | 20                                                   | East Coast South and Central divisions.                     |
|                                           |                     | Patnālī, Khatri or Saurāsh-trī. | ...                     | 4                                        | 2          | 1          | 1                                                    |                                                             |
|                                           |                     | Mārwarī                         | ...                     | 36                                       | 40         | 34         | 8                                                    |                                                             |
| INNER SUB-BRANCH.                         | Central Group.      | Lambādī or Labhānī.             | ...                     |                                          |            |            |                                                      |                                                             |
| II.—LANGUAGES FOREIGN TO INDIA.           |                     |                                 |                         |                                          |            |            |                                                      |                                                             |
| INDO-EUROPEAN FAMILY.                     | ...                 | ...                             | Total ...               | 38                                       | 41         | 40         | 9                                                    |                                                             |
|                                           | Romance.            | Portuguese                      | ...                     | 1                                        | 2          | 2          | ...                                                  | Malabar.                                                    |
|                                           | Teutonic.           | English                         | ...                     | 37                                       | 39         | 38         | 9                                                    | Madras, Nilgiris, Malabar and Chingleput.                   |

(a) Includes Koraga (2).

(b) Includes Koraga (3).

(c) Includes Sanskrit (1), Parsi (1).

## 2.—Distribution by languages of 10,000 of the population of each district.

| District and natural division. | Tamil. | Telugu. | Malayalam. | Oriya. | Kanarese. | Hindustani. | Marathi. | Patnoli, Khatri or Saurashtra. | English. | Other languages. | Remarks.<br>(Chief languages included in column 11.)                                          |
|--------------------------------|--------|---------|------------|--------|-----------|-------------|----------|--------------------------------|----------|------------------|-----------------------------------------------------------------------------------------------|
| 1                              | 2      | 3       | 4          | 5      | 6         | 7           | 8        | 9                              | 10       | 11               | 12                                                                                            |
| <b>MADRAS</b> ...              | 4,103  | 3,772   | 754        | 362    | 351       | 234         | 29       | 20                             | 9        | 366              |                                                                                               |
| Agency ...                     | 2      | 1,987   | ...        | 4,026  | ...       | 25          | 54       | ...                            | ...      | 3,906            | Gadabā (131), Gondi (73), Khond (2,094), Konda (102), Kōyā (298), Porojā (346), Savara (827). |
| East Coast North ...           | 33     | 8,695   | ...        | 892    | 2         | 251         | 3        | ...                            | 3        | 121              |                                                                                               |
| Ganjām ...                     | 2      | 4,548   | 1          | 5,076  | 1         | 26          | 1        | ...                            | 1        | 344              | Khond (105), Savara (232).                                                                    |
| Vizagapatam ...                | 8      | 9,634   | ...        | 147    | 1         | 43          | 2        | ...                            | 6        | 169              | Gadabā (60), Konda (46), Khond (41), Korava (7).                                              |
| Godāvari ...                   | 10     | 9,846   | ...        | 16     | 2         | 111         | 5        | ...                            | 5        | 5                |                                                                                               |
| Kistna ...                     | 14     | 9,644   | ...        | 10     | 1         | 281         | 4        | ...                            | 1        | 45               |                                                                                               |
| Guntūr ...                     | 17     | 9,263   | ...        | 2      | 3         | 603         | 4        | ...                            | 1        | 102              |                                                                                               |
| Nellore ...                    | 189    | 9,250   | 1          | ...    | 4         | 523         | 6        | ...                            | 5        | 22               |                                                                                               |
| <b>Deccan</b> ...              | 38     | 7,255   | 2          | 3      | 1,609     | 916         | 72       | ...                            | 3        | 102              |                                                                                               |
| Cuddapah ...                   | 23     | 8,940   | ...        | 2      | 20        | 938         | 26       | ...                            | 1        | 50               |                                                                                               |
| Kurnool ...                    | 20     | 8,668   | ...        | 3      | 78        | 1,086       | 60       | ...                            | 1        | 84               |                                                                                               |
| Banganapalle ...               | 9      | 7,922   | ...        | ...    | 10        | 1,821       | 81       | ...                            | ...      | 157              | Lambādi (64), Korava (90).                                                                    |
| Bellary ...                    | 68     | 3,151   | 7          | 5      | 5,598     | 904         | 142      | ...                            | 5        | 120              | Lambādi (71), Korava (28).                                                                    |
| Sandūr ...                     | 19     | 1,236   | 8          | ...    | 6,366     | 1,613       | 490      | ...                            | 5        | 263              | Lambādi (147).                                                                                |
| Anantapur ...                  | 45     | 8,086   | 1          | 4      | 955       | 700         | 58       | ...                            | 5        | 146              | Lambādi (114), Korava (26).                                                                   |
| <b>East Coast Central</b> ...  | 7,027  | 2,259   | 11         | ...    | 382       | 251         | 25       | 13                             | 18       | 14               |                                                                                               |
| Madras ...                     | 6,387  | 1,976   | 78         | 7      | 62        | 883         | 127      | 62                             | 270      | 148              |                                                                                               |
| Chingleput ...                 | 7,585  | 2,168   | 3          | ...    | 34        | 152         | 15       | 17                             | 22       | 4                |                                                                                               |
| Chittoor ...                   | 2,132  | 7,224   | 1          | 2      | 110       | 455         | 31       | 8                              | 2        | 35               |                                                                                               |
| North Arcot ...                | 7,955  | 1,520   | 2          | ...    | 118       | 340         | 40       | 12                             | 4        | 9                |                                                                                               |
| Salem ...                      | 7,348  | 1,727   | 2          | ...    | 674       | 191         | 22       | 31                             | 1        | 4                |                                                                                               |
| Coimbatore ...                 | 6,426  | 2,227   | 31         | ...    | 1,180     | 113         | 10       | ...                            | 7        | 6                |                                                                                               |
| South Arcot ...                | 8,951  | 834     | 2          | ...    | 166       | 32          | 8        | 2                              | 3        | 2                |                                                                                               |
| <b>East Coast South</b> ...    | 8,677  | 975     | 6          | ...    | 198       | 58          | 15       | 66                             | 3        | 2                |                                                                                               |
| Tanjore ...                    | 9,519  | 279     | 7          | ...    | 23        | 48          | 44       | 73                             | 4        | 3                |                                                                                               |
| Trichinopoly ...               | 8,460  | 1,147   | 7          | ...    | 231       | 109         | 13       | 26                             | 4        | 3                |                                                                                               |
| Padukkottai ...                | 9,493  | 271     | 4          | ...    | 145       | 45          | 16       | 24                             | 1        | 1                |                                                                                               |
| Madura ...                     | 7,409  | 1,753   | 7          | ...    | 573       | 72          | 5        | 175                            | 5        | 1                |                                                                                               |
| Rāmnād ...                     | 8,644  | 1,123   | 5          | ...    | 145       | 27          | 3        | 47                             | ...      | 1                |                                                                                               |
| Tinnevely ...                  | 9,046  | 853     | 5          | ...    | 43        | 38          | 2        | 11                             | 1        | 1                |                                                                                               |
| <b>West Coast</b> ...          | 337    | 52      | 7,159      | 1      | 558       | 58          | 94       | ...                            | 19       | 1,722            |                                                                                               |
| Nilgiri ...                    | 3,085  | 355     | 917        | 21     | 1,166     | 311         | 72       | 1                              | 391      | 3,681            | Badagū (3,138), Kurumba (233).                                                                |
| Malabar ...                    | 358    | 58      | 9,472      | ...    | 44        | 15          | 12       | ...                            | 8        | 33               |                                                                                               |
| Anjengo ...                    | 197    | 5       | 8,890      | ...    | ...       | ...         | ...      | ...                            | 911      | 3                |                                                                                               |
| South Kanara ...               | 9      | 6       | 2,038      | ...    | 1,778     | 139         | 298      | ...                            | 3        | 5,729            | Tulu (4,312), Konkani (1,407).                                                                |

## 3.—Comparison of caste and language tables.

| Tribe.         | Strength of tribe<br>(Table XIII). | Number speaking tribal language<br>(Table X). | Number per 1,000 of the tribe speaking the tribal language. |       |                              |
|----------------|------------------------------------|-----------------------------------------------|-------------------------------------------------------------|-------|------------------------------|
|                |                                    |                                               | 1921.                                                       | 1911. | 1901.                        |
| 1              | 2                                  | 3                                             | 4                                                           | 5     | 6                            |
| Badaga ...     | 40,329                             | 39,751                                        | 986                                                         | 1,013 | 1,001                        |
| Bellara ...    | 29                                 | ...                                           | ...                                                         | 984   | 328                          |
| Gadabā ...     | 53,770                             | 33,003                                        | 614                                                         | 953   | 901                          |
| Gond ...       | 40,823                             | 10,866                                        | 266                                                         | 316   | 205                          |
| Irula ...      | 99,874                             | 1,284                                         | 13                                                          | 23    | 14 includes Kasuva or Kasuba |
| Khond ...      | 329,569                            | 341,726                                       | 1,037                                                       | 1,044 | 1,128                        |
| Konda Dora ... | 65,468                             | 25,505                                        | 390                                                         | 213   | 173                          |
| Koraga ...     | 5,287                              | ...                                           | ...                                                         | 372   | 615                          |
| Kuravan ...    | 132,365                            | 34,598                                        | 157                                                         | 217   | 245                          |
| Yerukala ...   | 88,631                             | ...                                           | ...                                                         | ...   | ...                          |
| Kōta ...       | 1,204                              | 1,192                                         | 990                                                         | 1,093 | 1,026                        |
| Kōyi ...       | 74,084                             | 45,942                                        | 620                                                         | 621   | 742                          |
| Kurumban ...   | 150,827                            | 2,946                                         | 20                                                          | 21    | 14                           |
| Lambādi ...    | 53,980                             | 36,236                                        | 671                                                         | 816   | 775                          |
| Porojā ...     | 87,019                             | 51,727                                        | 594                                                         | 636   | 284                          |
| Savara ...     | 210,511                            | 166,882                                       | 793                                                         | 891   | 858                          |
| Tōda ...       | 640                                | 663                                           | 1,036                                                       | 976   | 998                          |

## CHAPTER X.—INFIRMITIES.

THE instructions given to enumerators were to record in the last column of the schedule whether any person were either insane, blind, deaf and dumb, or a leper. In one respect the instructions varied from those of 1911. In 1911 only those who were deaf and dumb from birth were brought on to the census record. On this occasion enumerators were required to make the record for all sufferers from deaf-mutism whether congenital or acquired. The statistics are tabulated in Imperial Tables XII, Parts I and II, and XII-A, and in three subsidiary tables at the end of this chapter; and at the beginning of the report are four maps illustrating the distribution of the infirm by districts.

Value of the results

2. At the outset it must be admitted that the unskilled inquiries made by census officers in order to ascertain the number of people afflicted with certain infirmities can only give unsatisfactory results. It is difficult, if not impossible, so to frame the instructions as to define the degree of infirmity which it is intended to include in the tabulation; and the enumerators, for whose guidance the instructions are drawn up, are for the most part entirely devoid of any technical knowledge; in all probability they fail to understand the instructions properly, and interpret them in a variety of different ways. Apart altogether from intentional errors of commission or omission, the very nature of the questions and of the agency employed to make the inquiries precludes any hope of complete or reliable statistics. It has long been recognized in European countries that "the census is not an agency suitable for the ascertainment and classification of facts, the accuracy of which in very many instances can only be learnt by the personal observation of men and women whose judgment has been trained and well practised in a special branch of medical work." To a man who has not been through any special course of training it is impossible to define the stage at which the feeble minded come into the category of the insane, or to distinguish leprosy from the diseases which have a superficial resemblance to it.

3. Then there is the possibility of intentional mistakes. It has been suggested that an enumerator sometimes uses this column of the schedule as a lever to work upon the fears of the unsophisticated inhabitants of the more remote villages, threatening to enter one or more of the infirmities against persons who for any reason may have incurred his displeasure. And it is always possible that the enumerators will be intentionally misled; a man is naturally unwilling to admit that he has a child who is deaf and dumb until all hopes of cure are finally abandoned. Similarly it is only natural for a man to hesitate before admitting to the presence in his house of a leper or a lunatic. In spite of all this, it is claimed that there is no reason to suspect the figures now compiled of greater inaccuracy than those of previous censuses and that some useful results may accrue from a comparison.

Comparison with previous censuses

4. The table in the margin shows the number of persons suffering from each infirmity at each of the last four censuses. The chief point which stands out is the great fall in the number of deaf-mutes at this census. The instructions having been altered so as to bring on to the record not only congenital deaf-mutes but all persons suffering from this infirmity, it was expected that there would be an increase in the number of such persons. The fact that

| Infirmity.     | Number of afflicted in |        |        |        |
|----------------|------------------------|--------|--------|--------|
|                | 1921.                  | 1911.  | 1901.  | 1891.  |
| Insane ...     | 8,689                  | 8,407  | 7,276  | 7,757  |
| Deaf-mutes ... | 21,687                 | 32,490 | 24,881 | 27,398 |
| Blind ...      | 37,182                 | 33,982 | 34,409 | 36,753 |
| Lepers ...     | 15,753                 | 16,858 | 13,563 | 12,738 |

there is a very large decrease is difficult of explanation. From subsidiary table 1 it is clear that the decrease pervades the whole Presidency, though it is most marked in the Agency division, the Deccan and the East Coast North. In the

twelve districts noted in the margin the decrease exceeds 50 per cent. Of these

| District.       | Percentage decrease. | District.        | Percentage decrease. |
|-----------------|----------------------|------------------|----------------------|
| Cuddapah ...    | 82                   | Agency ...       | 72                   |
| Kurnool ...     | 79                   | South Kanara ... | 72                   |
| Anantapur ...   | 77                   | Ganjām ...       | 69                   |
| Vizagapatam ... | 73                   | Bellary ...      | 67                   |
| Godāvari ...    | 73                   | Tanjore ...      | 55                   |
| Chittoor ...    | 73                   | North Arcot ...  | 54                   |

districts we have seen in Chapter I that all except Godāvari, Chittoor and Ganjām were amongst those where the influenza epidemic was most severely felt. In other districts, however, where influenza took a very heavy toll of the population, e.g., North Arcot, Madura, Chingleput, and the Nilgiris, there has been no marked fall in the number of deaf-mutes. indeed in North Arcot they have actually increased in numbers. The Director of Public Health and his District officers have not been able to suggest any explanation for the large fall. It may, however, be worth mention that the figures of 1911 show an abnormal increase over those of 1901, and that between the 1901 and 1921 figures there is a difference of only 3,194 which may be attributed to the havoc which the fatal epidemic of 1918 would naturally play among deaf-mutes, who have less power of resistance than persons in normal health.

5. The prevalence of blindness, deaf-mutism, and insanity in England at the

|                       | Infirm per million |            |         |
|-----------------------|--------------------|------------|---------|
|                       | Blind.             | Deaf-mute. | Insane. |
| England and Wales ... | 730                | 419        | 4,491   |
| Madras Presidency ... | 868                | 507        | 203     |

census of 1911 compares as shown in the margin with the returns for Madras in 1921. The enormous preponderance of insanity in England is no doubt in part due to more careful diagnosis, but it must also to some extent represent the greater stress of life in the countries of the West.

6. The map shows the proportion of the insane enumerated in each district and State. It will be seen that the proportion is greatest in the City of Madras; owing of course to the existence in Madras of a Lunatic Asylum. After Madras come Malabar and Anjengo. In Malabar also there is an asylum and the comparatively high proportion of the insane in that district is probably due to this cause. Next comes the district of Godāvari which contains a slightly larger proportion of insane persons than the neighbouring district of Vizagapatam. The number of insane persons in Ganjām has increased by over 50 per cent during the decade. Other districts in which there has been a large increase are Chingleput (30 per cent), Vizagapatam (26 per cent) and Malabar (22 per cent). On the other hand there has been a fall in Tinnevely (26 per cent), Kistna (24 per cent) and the Nilgiris (20 per cent). The increase in Vizagapatam and Malabar may be due to a greater number of admissions to the asylums in those districts. The Public Health Department suggest that the increase in Ganjām is due to increased consumption of drugs such as opium and *cannabis indica*. No particular reason suggests itself for the increase or decrease in other districts.

Number of insane in asylums.

|                 |          |     |
|-----------------|----------|-----|
| Madras ...      | 1911 ... | 539 |
|                 | 1920 ... | 622 |
| Vizagapatam ... | 1911 ... | 69  |
|                 | 1920 ... | 84  |
| Calicut ...     | 1911 ... | 116 |
|                 | 1920 ... | 169 |

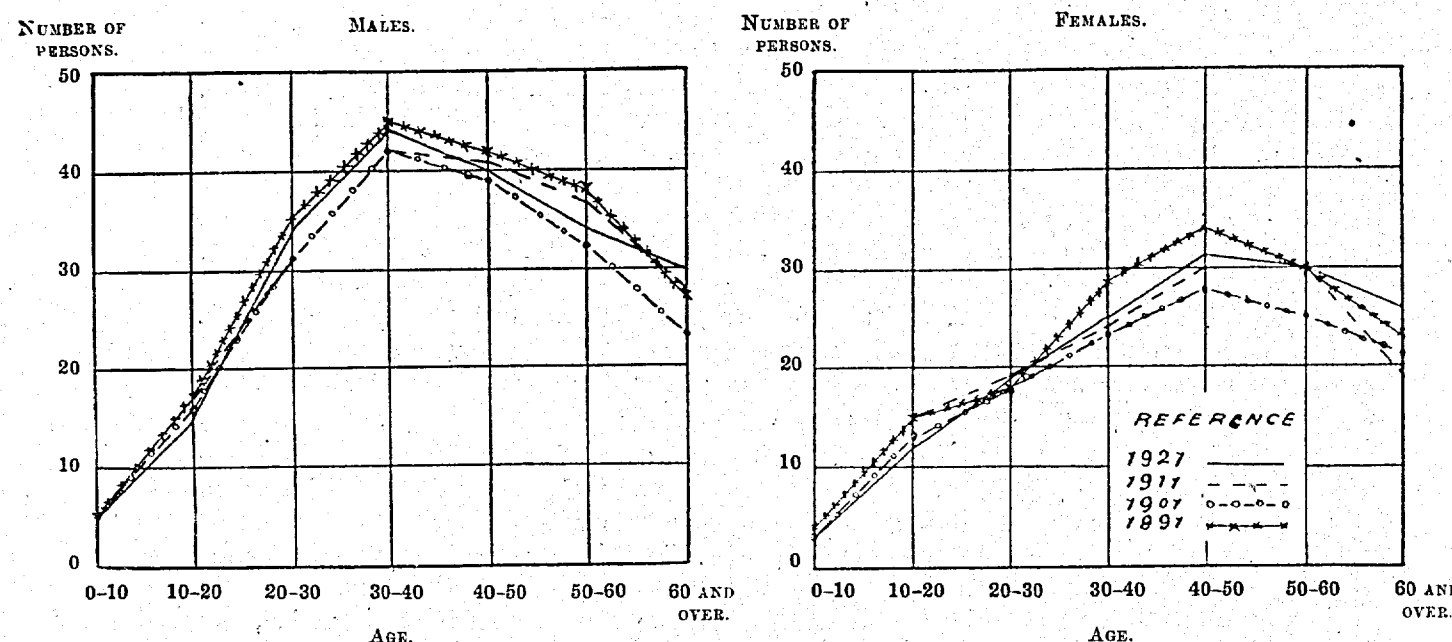
7. The following diagram shows the distribution at this census and at previous censuses of the insane by age-periods. It is difficult to feel much confidence in deductions drawn from these diagrams and from subsidiary table 2 which gives the distribution of the insane by age-periods considering how very uncertain are the statistics both of infirmity and of age. Still it may be useful just to call attention to the principal features of the statistics for what they are worth. We find that the slight increase in the number of the insane noted at this census occurs mainly at age-periods 25-30 in the case of males and 30-35 in the case of females. There is also a marked increase amongst the extremely old of both sexes. It is suggested that this is due to the fact that

Insane by age-periods



latent (inherited) insanity tends to manifest itself at the critical periods of life, e.g., puberty and old age in the case of males, and at child-birth and the climacteric in the case of females.

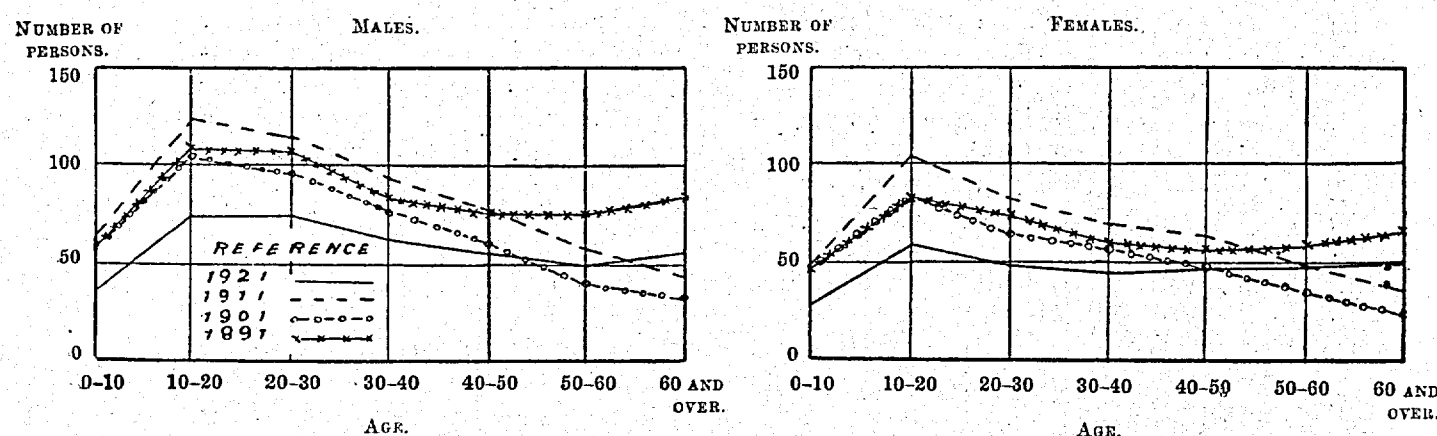
Diagram showing the number of INSANE per 100,000 persons of each age-period.



#### Deaf-mutes

8. The remarkable decrease in the number of deaf-mutes has been discussed at the beginning of this chapter. The diagram below gives the distribution by age-periods of the deaf-mutes enumerated at this and at the four previous censuses. It shows that both for males and females the number at all age-periods except those over 40 is much smaller now than at previous censuses.

Diagram showing the number of DEAF-MUTES per 100,000 persons of each age-period.



9. The map shows that the largest number of deaf-mutes are returned from North Arcot district, where 4,060 persons or 112 in every 100,000 of the population are shown as suffering from this affliction. The neighbouring districts of Salem, Coimbatore, Madura, Trichinopoly and Chingleput with Pudukkottai State are next most seriously affected. The number is fewest in the Agency, and remains below 20 per 100,000 in the districts of Gōdāvari, South Kanara and all the Ceded districts with the one exception of Bellary.

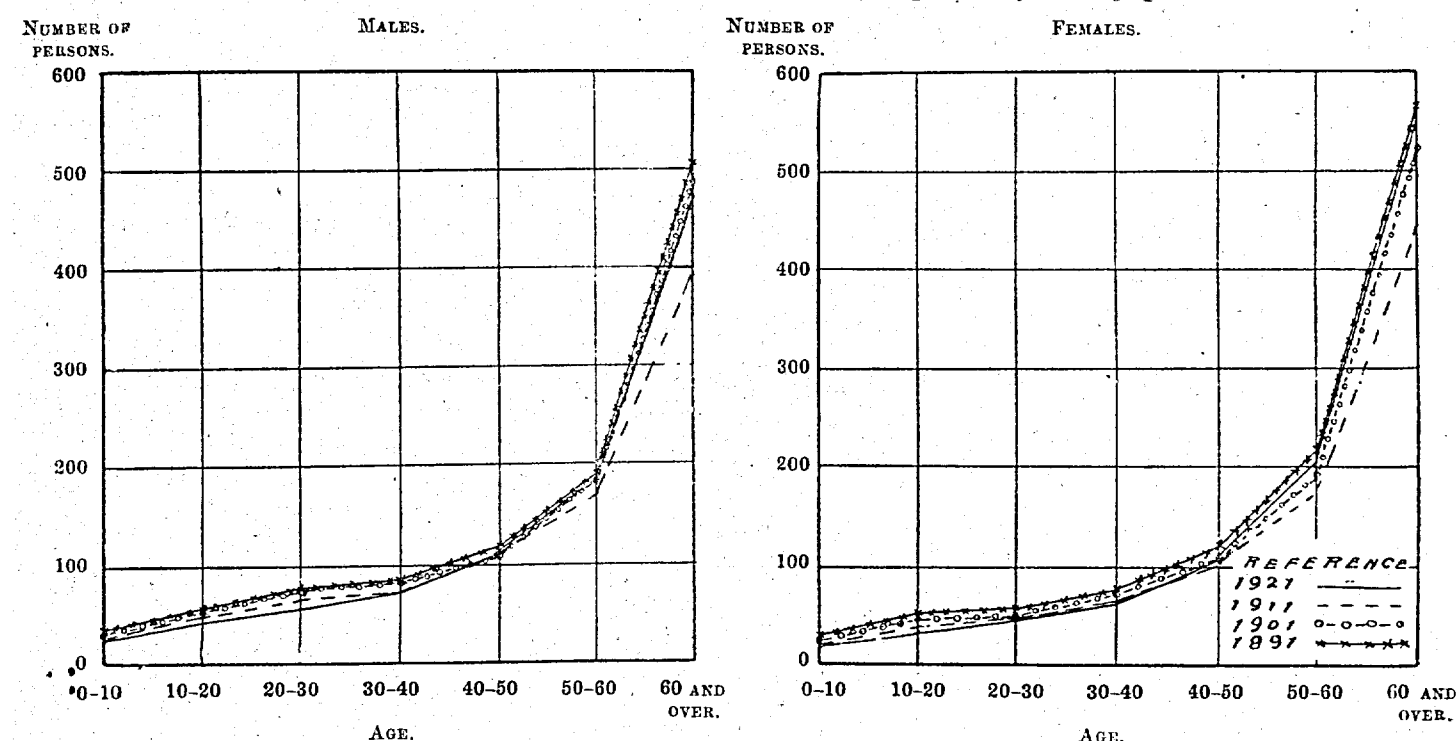
#### Blindness

10. The next map shows the distribution of the blind. It will be seen that there are seven districts and one State in which more than one per mille of the population is blind. Blindness appears to be most prevalent in Ganjām and next come North Arcot, Malabar and Tinnevely, where it is probable that the numbers are unduly swollen by the inmates of the Blind School at Palamcottah.

Of these districts, however, it is only in North Arcot that there has been any considerable increase in the number of blind in the last decade. The biggest increase has been in Madras (39 per cent); next come Chingleput and the Nilgiris with 35 per cent each; and then North Arcot and Salem with 33 per cent each; Kurnool has an increase of 31 per cent. The only district which shows any considerable loss is Bellary where there has been a fall of 15 per cent.

11. The following diagram shows the distribution of the blind by age and compares it with the returns of former censuses. The chief feature of this diagram is the gratifying decrease in the number of blind children. In fact it is only among males over 55 years of age and among females over 45 that there has been any increase in blindness. The Superintendent of the Government Ophthalmic Hospital in Madras says that the decrease in the number of children is not borne out by his experience at the hospital. It may be, however, that, while the actual number of blind children has decreased, a larger proportion of them and even greater actual numbers may be brought to the hospital. The statistics may not be accurate, but they are not necessarily inconsistent with Major Wright's experience.

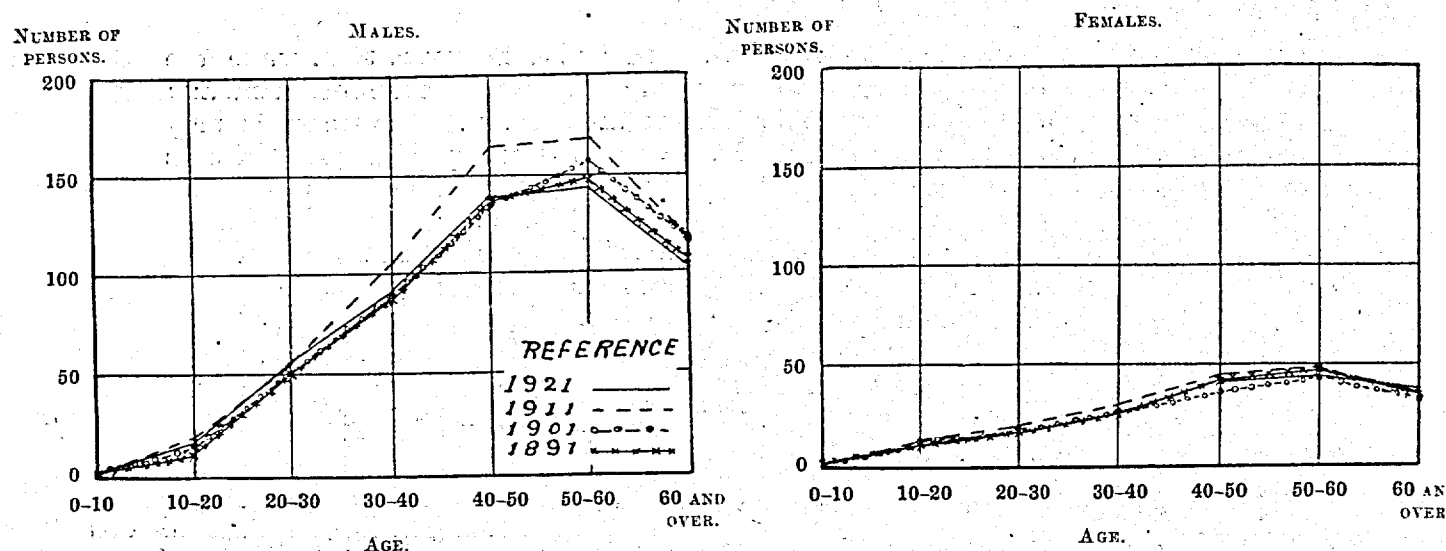
Diagram showing the number of BLIND per 100,000 persons of each age-period.



12. The distribution of the lepers is shown on the map which indicates Leprosy that Ganjām, North Arcot and South Arcot are the places where leprosy is most prevalent. There are two groups of districts which supply the majority of the lepers returned; the first group consists of the Agency division and the districts of Ganjām, Vizagapatam and Gōdāvari; and the second consists of Madras and Chingleput with North and South Arcot. In all these districts the number of lepers exceeds 40 per 100,000—a proportion which is not reached in any other district in the Presidency. The Deccan division has fewer lepers than any other part of the Presidency. There are only three districts in which the number of lepers returned at this census is considerably in excess of those returned in 1911—these are Vizagapatam, Salem and Madura. On the other hand there is a considerable decrease in the number returned from Nellore, Bellary, Tanjore, Tinnevely and South Kanara. But it is generally accepted that the returns of leprosy are less accurate even than those of the other infirmities; so detailed.

comment on these statistics is not likely to lead to any useful result. The accompanying diagram, which gives the distribution of lepers by age-periods, illustrates first the very marked disproportion of the sexes. The obvious conclusion is that a very large number of female lepers escape the census returns. In the case of females the age distribution hardly varies from one census to another; but in the case of males there was a marked increase in 1911 at ages 30 and upwards; at this census at ages 30 to 50 there is still a slight increase over the returns of 1891 and 1901, but a considerable decrease as compared with 1911; while at ages 50 and over the returns of 1921 are lower than at any previous census.

Diagram showing the number of LEPERS per 100,000 persons of each age-period.



Literacy  
of the  
infirm

13. The proportion per mille of the infirm of each sex returned as literate or literate in English is given in the margin. In each infirmity the proportion of literate males is below the proportion in the population as a whole; but there is a great difference in this respect between the insane and lepers on the one hand, and the deaf-mute and the blind on the other; while the insane and lepers contain nearly as large a proportion of literates as does the population (and the proportion of literate women who are insane actually exceeds by 66 per cent the proportion in the total population), deaf-mutes and the blind contain only

|            | Number per mille who are |                      |           |                      |
|------------|--------------------------|----------------------|-----------|----------------------|
|            | Males.                   |                      | Females.  |                      |
|            | Literate.                | Literate in English. | Literate. | Literate in English. |
| Population | 152                      | 17                   | 21        | 2                    |
| Insane     | 140                      | 40                   | 35        | 19                   |
| Deaf-mute  | 32                       | 2                    | 11        | 4                    |
| Blind      | 35                       | 2                    | 6         | 1                    |
| Lepers     | 128                      | 7                    | 5         | 2                    |

about one-fifth the number. The probable reason is that the returns of insanity and leprosy are more complete among the educated classes than among those who do not put forward claims to literacy. Similarly the large proportion of literates in English, both male and female, among the insane suggests either that the return of insanity by the illiterate is incomplete or that the strain and stress of modern life among those who have acquired literacy in English leads to a greater frequency of insanity. The second alternative is to some degree supported by the contrast in the prevalence of insanity between England, where 4,491 persons in every million are insane, and India where the proportion is only 203 in every million. The only other point worth notice in these figures is that among deaf-mutes the proportion of females literate in English exceeds that of males. Most of the literates are in the Tinnevely district where there is a famous Deaf and

Dumb School—whose students in all probability swell the number of female literates.

14. The number of the infirm who returned themselves as born outside the district in which they were enumerated or an adjoining district is very small.

Number of infirm who were returned as born outside the district in which enumerated or an adjoining district.

|               | Actual number. | Number per mille. |
|---------------|----------------|-------------------|
| Insane ...    | 564            | 65                |
| Deaf-mute ... | 280            | 13                |
| Blind ...     | 393            | 11                |
| Lepers ...    | 293            | 19                |

The number is greatest in the case of the insane; but as many as 68 per cent of them are in Madras mostly, no doubt, attracted by the hope of treatment in the Asylum. In the case of deaf-mutes again more than one-third of the immigrants are found in Madras or Tinnevely in both which places there are institu-

tions for the care and treatment of the deaf and dumb.

15. Of those who are returned as workers the great majority in every case return an agricultural occupation; the next most popular occupation among all classes of the infirm, except the blind, is begging. Among the insane there are nearly 50 tailors, washermen and barbers; 21 live by preparing food-stuffs; 25 are in domestic service; and 25 follow a priestly or religious calling. There is only one insane lawyer; but 9 doctors, 17 schoolmasters, 13 policemen, and 7 Post office employees admit insanity. The deaf and dumb find employment in all sorts of industrial and commercial careers and so do the blind. No less than 245 lepers are returned as living by trade in foodstuffs; and another 179 are sundry shopkeepers who must handle a quantity of grain and other articles used for food; 223 are tailors, washermen and barbers; while there are 44 priests and temple servants, 29 domestic servants, 16 medical men, and 11 policemen—all returned as lepers.

16. The marginal figures distribute 1,000 persons of each sex afflicted with

| Civil condition. |         | Number per mille of each sex of the |         |            |        |         |
|------------------|---------|-------------------------------------|---------|------------|--------|---------|
|                  |         | Population.                         | Insane. | Deaf-mute. | Blind. | Lepers. |
| Unmarried...     | Males   | 531                                 | 520     | 604        | 431    | 322     |
|                  | Females | 373                                 | 366     | 473        | 299    | 261     |
| Married          | Males   | 425                                 | 350     | 296        | 405    | 532     |
|                  | Females | 438                                 | 368     | 360        | 265    | 378     |
| Widowed          | Males   | 44                                  | 130     | 100        | 164    | 146     |
|                  | Females | 189                                 | 266     | 227        | 436    | 361     |

each of the above four infirmities according to their civil condition and compares this distribution with that of the population as a whole. In the case of all infirmities we find that the proportion of widowed greatly exceeds the proportion of widowed in the general population. In the case of the insane the proportion of the unmarried is almost the same as in the total population; and the excess of widowed is almost entirely made up of a deficiency of married. In the case of deaf-mutes the proportion of unmarried is abnormally large, probably due to the fact that deaf-mutism is in the main a congenital disease, and that parents will naturally hesitate to marry a son or a daughter to a deaf-mute. The number of widowed deaf-mutes is also large, and consequently the proportion of married is far below the proportion in the community as a whole. Blindness is an affliction which is apt to manifest itself in old age. It is not therefore surprising to find such a large proportion of the blind, both male and female, returned as widowed, and a corresponding reduction in the proportion of those who are unmarried and widowed. Among lepers the proportion returned as unmarried is considerably below the proportion of unmarried in the total population; this indicates that leprosy is a disease which does not manifest itself or which is not contracted in childhood. The proportion of the married reveals a curious difference between the sexes, the proportion of married males being considerably greater, while the proportion of married females is considerably less than the proportion in the total population; this lends further strength to the opinion that there is a considerable concealment of leprosy among women, and indicates that it is married women especially who tend to conceal the disease.

Migration  
of the  
infirm

Occupations  
of the  
infirm

Civil  
condition  
of the  
infirm

Infirmitie  
by caste

17. In table XII-A which gives particulars of the infirm by caste, the first noticeable feature is the great increase in the infirm (except deaf-mutes) among Oriyā Brāhmans. A comparison of the figures of the last three censuses suggests that there must have been something radically wrong with the returns of 1911.

*Number of Oriyā Brāhmans afflicted.*

|           | 1921. | 1911. | 1901. |
|-----------|-------|-------|-------|
| Insane    | 90    | 5     | 32    |
| Deaf-mute | 13    | 29    | 60    |
| Blind     | 188   | 26    | 118   |
| Leper     | 123   | 30    | 106   |

18. In the case of Musalmans the 1911 figures represent the infirm in the community as a whole. At this census the statistics of four tribes only have been tabulated, and these figures are considerably below the infirm found in those tribes in 1901.

*Number of Musalmans afflicted.*

|           | 1921. | 1901. |
|-----------|-------|-------|
| Insane    | 654   | 729   |
| Deaf-mute | 1,325 | 1,499 |
| Blind     | 1,581 | 2,053 |
| Leper     | 669   | 803   |

*Number of Idaiyans afflicted.*

| Census. | Insane. | Deaf-mute. | Blind. | Leper. |
|---------|---------|------------|--------|--------|
| 1921    | 129     | 586        | 835    | 433    |
| 1911    | 225     | 998        | 934    | 507    |
| 1901    | 81      | 509        | 656    | 308    |
| 1891    | 103     | 663        | 812    | 307    |

19. Attention was drawn in the Report of 1911 to the great increase in the number of infirm Idaiyans at that census. In 1921 there is a fall in this caste under each infirmity. This confirms the conclusion drawn in 1911 that the figures of that year include also the infirm Gollas.

20. Other castes in which the proportion of the infirm has increased are Chettis and Kammālans. Of the "Depressed classes," insanity is more prevalent now than in 1911 among Cherumans, Mālas, and Paraiyans, and less common among Mādigas and Pallans. Deaf-mutism is more prevalent among Cherumans, and less common among the others; there is less blindness among Cherumans and more in the other castes. Leprosy on the other hand is more prevalent among Pallans and Paraiyans, and less so among Cherumans, Mādigas and Mālas.

21. Among Anglo-Indians there is less leprosy and blindness, more insanity and deaf-mutism than in 1911; while among Indian Christians all four infirmities are now less prevalent than formerly.

22. The number suffering from double infirmities has fallen from 379 to 155. The order of frequency of the different combinations is the same as in 1911. Insane and deaf-mute is still the commonest combination, then deaf-mute and blind, blind and leper, and insane and blind; the least common are deaf-mute and leper and insane and leper. There are now no persons returned as afflicted with more than two infirmities.

Double  
infirmities

## 1.—Number afflicted per 100,000 of the population at each of the last four censuses.

| Natural division.  | Insane. |       |       |       |          |       |       |       | Deaf-mute. |       |       |       |          |       |       |       |
|--------------------|---------|-------|-------|-------|----------|-------|-------|-------|------------|-------|-------|-------|----------|-------|-------|-------|
|                    | Males.  |       |       |       | Females. |       |       |       | Males.     |       |       |       | Females. |       |       |       |
|                    | 1921.   | 1911. | 1901. | 1891. | 1921.    | 1911. | 1901. | 1891. | 1921.      | 1911. | 1901. | 1891. | 1921.    | 1911. | 1901. | 1891. |
| 1 Province         | 24      | 24    | 23    | 25    | 17       | 17    | 15    | 18    | 58         | 87    | 74    | 87    | 44       | 68    | 55    | 65    |
| Agency             | 15      | 14    | 19    | 17    | 10       | 10    | 11    | 11    | 15         | 51    | 50    | 53    | 13       | 42    | 39    | 37    |
| East Coast North   | 24      | 24    | 26    | 29    | 17       | 17    | 19    | 22    | 41         | 89    | 74    | 100   | 30       | 66    | 53    | 77    |
| Deccan             | 22      | 22    | 24    | 23    | 15       | 14    | 15    | 17    | 20         | 86    | 80    | 94    | 17       | 69    | 60    | 67    |
| East Coast Central | 24      | 23    | 21    | 23    | 16       | 16    | 13    | 15    | 77         | 93    | 80    | 93    | 60       | 73    | 59    | 68    |
| East Coast South   | 20      | 22    | 18    | 20    | 13       | 15    | 13    | 14    | 74         | 96    | 72    | 92    | 56       | 74    | 58    | 71    |
| West Coast         | 39      | 35    | 28    | 40    | 29       | 25    | 20    | 29    | 54         | 65    | 61    | 33    | 40       | 52    | 45    | 25    |

| Natural division.  | Blind. |       |       |       |          |       |       |       | Lepers. |       |       |       |          |       |       |       |
|--------------------|--------|-------|-------|-------|----------|-------|-------|-------|---------|-------|-------|-------|----------|-------|-------|-------|
|                    | Males. |       |       |       | Females. |       |       |       | Males.  |       |       |       | Females. |       |       |       |
|                    | 1921.  | 1911. | 1901. | 1891. | 1921.    | 1911. | 1901. | 1891. | 1921.   | 1911. | 1901. | 1891. | 1921.    | 1911. | 1901. | 1891. |
| Province           | 87     | 83    | 91    | 101   | 86       | 79    | 88    | 104   | 56      | 62    | 54    | 53    | 19       | 20    | 17    | 18    |
| Agency             | 59     | 63    | 95    | 75    | 66       | 65    | 94    | 71    | 53      | 57    | 79    | 71    | 29       | 25    | 34    | 29    |
| East Coast North   | 73     | 71    | 88    | 106   | 78       | 67    | 91    | 102   | 64      | 69    | 60    | 62    | 22       | 22    | 20    | 20    |
| Deccan             | 90     | 88    | 107   | 117   | 83       | 69    | 96    | 113   | 15      | 19    | 29    | 29    | 7        | 8     | 8     | 9     |
| East Coast Central | 87     | 75    | 78    | 88    | 89       | 75    | 75    | 96    | 66      | 72    | 60    | 56    | 21       | 22    | 17    | 16    |
| East Coast South   | 98     | 93    | 88    | 97    | 86       | 88    | 86    | 108   | 51      | 59    | 42    | 37    | 14       | 17    | 13    | 13    |
| West Coast         | 109    | 117   | 121   | 133   | 109      | 113   | 108   | 123   | 49      | 61    | 63    | 82    | 18       | 23    | 25    | 31    |

2.—Distribution of the infirm by age per 10,000 of each sex.

| Age.        |        | Insane. |        |        |        |          |        |        |        | Deaf-mute. |        |        |        |          |        |        |       |
|-------------|--------|---------|--------|--------|--------|----------|--------|--------|--------|------------|--------|--------|--------|----------|--------|--------|-------|
|             |        | Males.  |        |        |        | Females. |        |        |        | Males.     |        |        |        | Females. |        |        |       |
|             |        | 1921.   | 1911.  | 1901.  | 1891.  | 1921.    | 1911.  | 1901.  | 1891.  | 1921.      | 1911.  | 1901.  | 1891.  | 1921.    | 1911.  | 1901.  | 1891. |
| 1           | 2      | 3       | 4      | 5      | 6      | 7        | 8      | 9      | 10     | 11         | 12     | 13     | 14     | 15       | 16     | 17     |       |
| Total       | 10,000 | 10,000  | 10,000 | 10,000 | 10,000 | 10,000   | 10,000 | 10,000 | 10,000 | 10,000     | 10,000 | 10,000 | 10,000 | 10,000   | 10,000 | 10,000 |       |
| 0-5         | 92     | 79      | 95     | 109    | 100    | 103      | 91     | 175    | 300    | 407        | 494    | 447    | 363    | 426      | 521    | 492    |       |
| 5-10        | 393    | 428     | 501    | 427    | 420    | 476      | 461    | 457    | 1,243  | 1,461      | 1,740  | 1,562  | 1,226  | 1,398    | 1,725  | 1,596  |       |
| 10-15       | 600    | 721     | 772    | 602    | 690    | 846      | 802    | 663    | 1,502  | 1,632      | 1,776  | 1,335  | 1,423  | 1,613    | 1,652  | 1,150  |       |
| 15-20       | 704    | 769     | 707    | 751    | 718    | 883      | 846    | 832    | 1,159  | 1,309      | 1,222  | 1,151  | 1,106  | 1,279    | 1,182  | 1,162  |       |
| 20-25       | 917    | 1,031   | 940    | 1,033  | 1,022  | 1,048    | 983    | 961    | 1,011  | 1,174      | 987    | 1,186  | 1,109  | 1,219    | 1,011  | 1,272  |       |
| 25-30       | 1,309  | 1,074   | 1,091  | 1,211  | 949    | 989      | 1,026  | 930    | 1,052  | 940        | 919    | 910    | 919    | 922      | 929    | 897    |       |
| 30-35       | 1,433  | 1,332   | 1,462  | 1,518  | 1,227  | 1,057    | 1,347  | 1,344  | 943    | 838        | 926    | 885    | 838    | 877      | 986    | 881    |       |
| 35-40       | 1,175  | 1,051   | 1,161  | 1,067  | 877    | 830      | 745    | 908    | 634    | 564        | 526    | 515    | 599    | 515      | 461    | 433    |       |
| 40-45       | 1,019  | 1,070   | 1,171  | 1,131  | 1,161  | 1,200    | 1,208  | 1,225  | 607    | 614        | 583    | 630    | 638    | 664      | 603    | 589    |       |
| 45-50       | 677    | 725     | 630    | 558    | 687    | 624      | 606    | 602    | 386    | 339        | 261    | 281    | 385    | 293      | 274    | 263    |       |
| 50-55       | 610    | 706     | 700    | 636    | 891    | 823      | 766    | 795    | 375    | 318        | 283    | 367    | 510    | 327      | 310    | 439    |       |
| 55-60       | 339    | 342     | 240    | 260    | 306    | 362      | 303    | 236    | 212    | 126        | 84     | 162    | 203    | 145      | 86     | 129    |       |
| 60 and over | 732    | 672     | 530    | 647    | 952    | 709      | 816    | 872    | 576    | 278        | 219    | 569    | 681    | 322      | 260    | 697    |       |

| Age.        |        | Blind. |        |        |        |          |        |        |        | Lepers. |        |        |        |          |        |       |       |
|-------------|--------|--------|--------|--------|--------|----------|--------|--------|--------|---------|--------|--------|--------|----------|--------|-------|-------|
|             |        | Males. |        |        |        | Females. |        |        |        | Males.  |        |        |        | Females. |        |       |       |
|             |        | 1921.  | 1911.  | 1901.  | 1891.  | 1921.    | 1911.  | 1901.  | 1891.  | 1921.   | 1911.  | 1901.  | 1891.  | 1921.    | 1911.  | 1901. | 1891. |
| 18          | 19     | 20     | 21     | 22     | 23     | 24       | 25     | 26     | 27     | 28      | 29     | 30     | 31     | 32       | 33     |       |       |
| Total       | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000   | 10,000 | 10,000 | 10,000 | 10,000  | 10,000 | 10,000 | 10,000 | 10,000   | 10,000 |       |       |
| 0-5         | 216    | 301    | 307    | 407    | 198    | 251      | 239    | 314    | 34     | 19      | 13     | 49     | 77     | 21       | 57     | 67    |       |
| 5-10        | 541    | 551    | 611    | 641    | 370    | 407      | 440    | 458    | 67     | 79      | 40     | 89     | 159    | 119      | 83     | 153   |       |
| 10-15       | 587    | 688    | 729    | 582    | 377    | 465      | 517    | 390    | 201    | 207     | 226    | 232    | 434    | 332      | 431    | 390   |       |
| 15-20       | 458    | 596    | 531    | 561    | 357    | 497      | 431    | 447    | 418    | 393     | 392    | 420    | 615    | 746      | 642    | 564   |       |
| 20-25       | 493    | 619    | 596    | 666    | 463    | 602      | 521    | 532    | 720    | 580     | 583    | 640    | 865    | 950      | 788    | 810   |       |
| 25-30       | 579    | 640    | 599    | 567    | 460    | 514      | 498    | 461    | 860    | 807     | 781    | 885    | 882    | 822      | 869    | 888   |       |
| 30-35       | 675    | 638    | 721    | 673    | 591    | 640      | 681    | 635    | 1,188  | 1,147   | 1,217  | 1,140  | 1,147  | 1,099    | 1,282  | 1,165 |       |
| 35-40       | 544    | 551    | 551    | 508    | 406    | 465      | 474    | 438    | 1,127  | 1,105   | 1,088  | 1,078  | 786    | 926      | 907    | 835   |       |
| 40-45       | 726    | 807    | 762    | 756    | 720    | 788      | 784    | 725    | 1,499  | 1,625   | 1,617  | 1,629  | 1,371  | 1,307    | 1,436  | 1,374 |       |
| 45-50       | 576    | 591    | 493    | 469    | 526    | 509      | 452    | 438    | 1,028  | 1,142   | 1,042  | 1,009  | 855    | 887      | 738    | 707   |       |
| 50-55       | 848    | 867    | 910    | 730    | 989    | 946      | 966    | 876    | 1,179  | 1,214   | 1,326  | 1,192  | 1,115  | 1,126    | 1,199  | 1,169 |       |
| 55-60       | 587    | 509    | 414    | 421    | 585    | 513      | 443    | 464    | 573    | 600     | 561    | 498    | 416    | 485      | 372    | 499   |       |
| 60 and over | 3,170  | 2,662  | 2,776  | 3,019  | 3,953  | 3,403    | 3,554  | 3,822  | 1,106  | 1,082   | 1,114  | 1,139  | 1,278  | 1,150    | 1,196  | 1,349 |       |

3.—Number afflicted per 100,000 persons of each age-period and number of females afflicted per 1,000 males.

|                    |    |    |    | Number afflicted per 100,000. |          |            |          |        |          |         |          | Number of females afflicted per 1,000 males. |            |        |         |
|--------------------|----|----|----|-------------------------------|----------|------------|----------|--------|----------|---------|----------|----------------------------------------------|------------|--------|---------|
|                    |    |    |    | Insane.                       |          | Deaf-mute. |          | Blind. |          | Lepers. |          |                                              |            |        |         |
|                    |    |    |    | Males.                        | Females. | Males.     | Females. | Males. | Females. | Males.  | Females. | Insane.                                      | Deaf-mute. | Blind. | Lepers. |
| 1                  | 2  | 3  | 4  | 5                             | 6        | 7          | 8        | 9      | 10       | 11      | 12       | 13                                           |            |        |         |
| Total ...          | 24 | 17 | 58 | 44                            | 87       | 86         | 56       | 19     | 705      | 785     | 1,013    | 344                                          |            |        |         |
| 0-5 ... ..         | 2  | 1  | 14 | 13                            | 15       | 14         | 2        | 1      | 766      | 948     | 930      | 775                                          |            |        |         |
| 5-10 ... ..        | 7  | 5  | 53 | 40                            | 35       | 24         | 3        | 2      | 755      | 774     | 694      | 821                                          |            |        |         |
| 10-15 ... ..       | 12 | 10 | 69 | 55                            | 41       | 29         | 9        | 7      | 810      | 744     | 651      | 745                                          |            |        |         |
| 15-20 ... ..       | 20 | 15 | 78 | 61                            | 47       | 39         | 27       | 14     | 719      | 749     | 788      | 506                                          |            |        |         |
| 20-25 ... ..       | 28 | 18 | 74 | 52                            | 55       | 43         | 51       | 17     | 786      | 860     | 952      | 414                                          |            |        |         |
| 25-30 ... ..       | 39 | 18 | 74 | 46                            | 62       | 45         | 59       | 18     | 511      | 686     | 805      | 353                                          |            |        |         |
| 30-35 ... ..       | 42 | 23 | 67 | 42                            | 72       | 59         | 81       | 25     | 604      | 696     | 888      | 333                                          |            |        |         |
| 35-40 ... ..       | 46 | 28 | 59 | 50                            | 77       | 66         | 102      | 28     | 526      | 742     | 756      | 240                                          |            |        |         |
| 40-45 ... ..       | 39 | 30 | 56 | 43                            | 102      | 96         | 133      | 39     | 803      | 825     | 1,004    | 315                                          |            |        |         |
| 45-50 ... ..       | 42 | 33 | 57 | 49                            | 130      | 132        | 147      | 46     | 716      | 783     | 924      | 286                                          |            |        |         |
| 50-55 ... ..       | 32 | 31 | 46 | 46                            | 159      | 177        | 141      | 43     | 1,029    | 1,066   | 1,182    | 326                                          |            |        |         |
| 55-60 ... ..       | 38 | 28 | 56 | 49                            | 237      | 277        | 146      | 43     | 636      | 752     | 1,009    | 250                                          |            |        |         |
| 60 and over ... .. | 30 | 26 | 56 | 49                            | 467      | 556        | 104      | 39     | 917      | 927     | 1,265    | 398                                          |            |        |         |



## CHAPTER XI.—CASTE, TRIBE, RACE OR NATIONALITY.

Reference to statistics

THE statistics of caste, tribe and race are contained in Imperial Table XIII of which Part I gives the numbers of each caste and Part II the distribution of the principal castes by districts. Imperial Table XVI shows the distribution of Europeans and Anglo-Indians by age in each district, State and city. The subsidiary table at the end of the chapter shows the variation in the strength of each caste since 1891.

Value of the returns

2. It has been seriously suggested that the question regarding caste should be omitted from the enumeration schedule, that in the census returns the classification of the population into castes, etc., should be suppressed, and that all discussion of the subject in the report should be omitted. The arguments used to support the suggestion are (1) that it is an anomaly that a Christian government should indirectly help to prolong the existence of the caste system; (2) that the statistics serve no reasonable purpose as they are inaccurate; and (3) that the perpetuation of caste distinctions which a census record implies encourages feuds between rival caste groups. In former census reports it has been the practice to deal with the subject of caste from the ethnographic point of view, to discuss the origin of the institution, and to treat its present state rather from the scientific than from the practical point of view. On this occasion it has been decided to treat the subject "from the sociological and demographical aspect and not from the point of view of ethnography or origins."

Caste the foundation of Hindu society

3. In answer to the first argument of those who would abolish the return of caste from the census records, it may be observed that the existence of caste is an undoubted fact; "caste is still the foundation of the Indian social fabric" and the record of caste is still "the best guide to the changes in the various social strata of Hindu society." Questions of marriage customs, education and occupations are inseparably connected with caste; and any census record of the population would be most imperfect without a record of caste. The mere record of the strength of each caste made at each successive census does nothing to assist to perpetuate the caste system; it is a statement of the conditions existing at the time, and it is possible by comparing the record of one census with another to see how far the conditions are changing. In the Presidency of Madras the caste column is the one part of the census schedule which arouses general interest; the Hindu public which cares not at all whether its age or occupation be correctly returned, makes a great point of having its caste recorded exactly as it wishes; so much so that throughout the period of the preliminary enumeration the Superintendent is bombarded with telegrams from various quarters complaining that enumerators are not making the record of caste properly. The record of caste is useful as a reflection of the social organization of the people; and that caste is still a living force is proved by the interest taken by members of many castes to have their names correctly recorded.

Accuracy of the returns

4. The next charge to meet is that of inaccuracy. It is not claimed for a moment that the census record is free from all imperfections. There are many chances of error; an unintelligent enumerator may make a mistake in writing a name which is strange to him; a slip-writer may make a mistake in copying the enumerator's entry; sorters may make a mistake in throwing together the slips of castes with similar names; they have even been detected arrogating to themselves the duty of classifying caste names, and putting in one heap slips with various names which they regarded as identical. Every possible check was exercised;

and at this census the language distinction was maintained throughout the sorting by castes; this provided an additional and most valuable check which brought to light many mistakes. Special attention was paid to the final classification, and there is every ground for confidence that the final record contains a minimum of errors due to mistakes in tabulation. There is, however, bound to be a certain amount of error due to intentional misrepresentation by members of certain castes, who cherish claims repeated at every census, when they come forward with petitions asking that they should be described in a certain way in the census tables. All petitioners were informed that enumerators had orders to record the caste name exactly as it was given to them, but they were warned that if they returned themselves merely as Kshatriyas or Vaisyas they ran the risk of finding the numbers of their caste shown in the census tables lower than they ought to be. The Saurāshtras who want to be shown as Brāhmans, the Nādārs\* and Vanni-yas or Pallis who want to be shown as Kshatriyas, the Kōmatis who want to be shown as Vaisyas, and the Kamsalas who wish to be recorded as Visva Brāhmans, have on this occasion been joined by Sātānis who prefer the name Sattāda Sri-vaishnavas, and by Idigas and Indras who wish to be called Arya Hihida or Setti Balijas. Then there are Lingāyats who wish to be returned as Vira Saivas, and Badagas who claim to be Lingāyats; and finally the Paraiyans or Panchamas who wish to be shown as Adi-Dravidas. An attempt was made to tabulate the statistics for these castes strictly according to the names returned, but this was for various reasons abandoned and for most of these castes one figure is given for the caste strength, while the more important of the names returned are entered against it. Nādārs returned as Kshatriyas and Kōmatis returned as Vaisyas are, however, lost—the Kshatriya and Vaisya figures being swollen by their numbers. Errors of this nature cannot be avoided, and to this extent the statistics are misleading. But after all this affects only a few castes; in the great majority of cases there is no reason to doubt the accuracy of the figures.

5. It is impossible to publish every name recorded on the enumeration schedules. With the caste title "Andi," for example, have been clubbed 26 caste names, some descriptive, some occupational, and others merely particularizing the special branch of the Andi caste to which the person belongs. Under Chetti again, no less than 70 different varieties have been clubbed. An attempt was made to isolate the more important groups such as Bēri Chetti, Nattukkōttai Chetti, etc., but the attempt was frustrated by the imperfection of the returns, the enumerators having entered a large number of persons merely as Chetti without any further indication to which branch they belonged. It must be admitted that in this respect the table is unsatisfactory; many of these groups of Chettis have absolutely nothing to do with one another, and constitute entirely distinct castes. These two instances, however, suffice to show what a mass of work the classification of caste names involves, and why it is utterly impossible, from considerations of space alone, to publish the returns exactly as they are made.

6. The third argument against the caste record is that it has encouraged feuds between rival castes. Of recent years the only important rivalry between castes has been that between Maravas and Nādārs in the district of Rāmnād. But it has never been suggested nor is there any evidence that these unhappy strifes are in any way affected by the census caste tables.

7. Before proceeding further we must define what is meant by the word "caste" as used in Table XIII and in this report. In the India Census Report of 1911 caste was defined as an "endogamous group or collection of groups bearing a common name and having a common traditional occupation, who are so linked together by these and other ties, such as the tradition of a common origin and the possession of the same tutelary deity, and the same social status,"

\* One change may perhaps be noted between this Table XIII and that of 1911: the Shūnār of 1911 now appears as a Nādār; this is done under the orders of the Government of Madras, that the word Shūnār should cease to be used in official records.

ceremonial observances and family priests, that they regard themselves, and are regarded by others, as forming a single homogeneous community." As a rule a caste contains several endogamous groups or sub-castes, and it is held by some authorities that each of these groups ought to be regarded as a caste, and that the larger body commonly called a caste is merely a collection of true castes who follow the same profession. Be that as it may, the "man in the street" applies the term caste to the larger group, and this report adopts the same practice. The characteristics of a caste will then be endogamy, commensality, and a common name and common traditions; though intermarriage and commensality seldom extend to the whole caste and are generally restricted to sub-castes or endogamous groups within the caste. The common name is not always a safe guide; nor is the common traditional occupation. In deference to the wishes of the representatives of the Nāḍār community the Madras Government have decided on this occasion not to show traditional occupations in the census tables; the traditional occupation of the Nāḍārs has hitherto been shown as toddy-drawing; but they now claim that they are by tradition and inheritance lords of the soil and that toddy-drawing was the occupation only of comparatively few degenerate members of the caste.

Caste feeling  
still vigorous

8. From what has already been said it will be clear that caste feeling shows no sign of weakening. The political victory of the non-Brāhman party in 1920 led to their dominance alike in the executive and in the legislature, and this roused jealousy in Brāhman quarters, which serves to keep alive a steady flame of caste consciousness. The attempts which have been made to improve the lot of the "depressed classes" have aroused feelings of resentment in some who would prefer to keep them depressed, and this resentment finds expression in an intensified caste hatred. The multiplication of caste "sangams" or associations to further the interests of the community has developed a feeling for the caste as a corporate body and what may almost be called a caste patriotism. On the other hand there is little evidence of any weakening of caste feeling in the face of modern economic or intellectual influences, while religious reformers such as the Buddhists, who would do away with caste, command little attention except from the fisherman and the "untouchable." The coolie who works in the mills thinks just as much or as little of his caste as the village weaver.

Castes  
tabulated  
by language

9. Before passing on to consider the figures contained in Table XIII we note a new feature in the table, which now gives under each caste the language spoken by its members or if in one caste there are a considerable number of people speaking more than one language, the number which favours each language. There is little practical intercourse between persons who speak different languages even though they do belong to the same caste; and for administrative purposes it is desirable to know what numbers in a certain caste speak a given language. For all practical purposes the linguistic barrier is unsurmountable; of the two forces—identity of caste urging unity, and difference of language making for division—the latter is certainly the stronger; with the result that difference of language has virtually the effect of splitting a caste into as many separate castes as there are languages spoken. The matter is of special importance in the district of Ganjām where members of what were originally Oriyā castes have adopted Telugu, and many who were originally Telugu have adopted Oriyā; so that many Oriyā castes return a substantial proportion speaking Telugu, e.g., Bāvuri, Dombō, Paidi, Telli, etc. The same circumstances obtain in South Kanara where, of the castes described as Kanarese in the census report of 1911, Bants, Billavas, Gaudas and Holeyas actually return a majority speaking Tulu.

Record of  
locality where  
small castes  
are found

10. In Part I of Table XIII there is also a column which contains information as to the locality in which the smaller castes are to be found. It is these smaller and less familiar castes which attract most attention from the ethnologist, and it should be of assistance to him or to any one interested in the subject to know the locality in which the caste is found.

11. There are 28 castes and communities which contain each 500,000 persons and upwards. These communities make up about 27½ millions of the population of the Presidency. They represent all classes and creeds except Animists and may be taken as representative of all parts of the Presidency except the Agency. It will be observed that there have been abnormal increases among Telagas, Indian Christians, Brāhmans, Kammālans and Māppillas, and that Mādigas alone have lost to any appreciable extent.

The bigger  
castes

| Caste.                  | Strength<br>(000s<br>omitted). | Percentage<br>of variation,<br>1911-1921. | Caste.             | Strength<br>(000s<br>omitted). | Percentage<br>of variation,<br>1911-1921. |
|-------------------------|--------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------------------|
| Palli ... ..            | 2,810                          | - 0.4                                     | Golla ... ..       | 907                            | + 0.3                                     |
| Vellāla ... ..          | 2,654                          | + 4.7                                     | Pallan ... ..      | 863                            | - 0.4                                     |
| Kāpu ... ..             | 2,631                          | - 1.8                                     | Idaiyan ... ..     | 744                            | + 1.2                                     |
| Paraiyan ... ..         | 2,387                          | + 1.0                                     | Māḍiga ... ..      | 737                            | - 8.7                                     |
| Māla ... ..             | 1,493                          | - 1.2                                     | Tiyan ... ..       | 675                            | + 5.7                                     |
| Brāhman ... ..          | 1,463                          | + 11.7                                    | Nāḍār ... ..       | 665                            | + 2.1                                     |
| Indian Christian ... .. | 1,346                          | + 15.3                                    | Telaga ... ..      | 604                            | + 21.1                                    |
| Kamma ... ..            | 1,161                          | + 3.1                                     | Chakkiliyan ... .. | 550                            | + 4.4                                     |
| Kammālan ... ..         | 1,088                          | + 7.0                                     | Odde ... ..        | 537                            | - 2.3                                     |
| Māppilla ... ..         | 1,099                          | + 6.5                                     | Kallan ... ..      | 534                            | - 0.2                                     |
| Baliya ... ..           | 1,041                          | ...                                       | Velama ... ..      | 516                            | + 6.0                                     |
| Sheik ... ..            | 933                            | + 4.5                                     |                    |                                |                                           |

12. The increase among Telagas occurs chiefly in Gōḍāvari district, where there is a corresponding decrease under Kāpus and Telugu-speaking Pallis.

Telagas

13. Among Indian Christians, as we have seen in Chapter IV, the chief increase has been in the districts of Kistna, Guntūr and Kurnool; the decrease in Mālas and Mādigas in those districts indicates the class from which the Christian converts were drawn.

Indian  
Christians

14. Among Brāhmans, the main increase is among Telugu Brāhmans whose numbers have risen by more than 70,000 or 15 per cent; this increase has occurred chiefly in the districts of Guntūr, Kistna and Vizagapatam. But for the increase in the artisan community in those districts there would have been reason to suspect that part at least of the increase was due to Kamsalas returned as Visva Brāhmans and confused with Brāhmans in the abstraction offices. With this possibility ruled out, it is difficult to offer any plausible explanation why Brāhmans in these districts should have increased faster than other communities and faster than Brāhmans who speak the other languages of the Presidency except Malayālam and Kanarese. It is among these small communities that the proportional increase is greatest.

Brāhmans

The increase of artisans occurs mainly in the Tamil districts; the rise in the number of Māppillas has been mentioned in Chapter IV.

15. The most violent fluctuations have occurred not so much in these more important castes as in some of the smaller ones. There are 21 castes besides those mentioned already of which the population has increased by 10 per cent and upwards, and 14 castes which have lost more than 10 per cent of their strength. The greatest increase is in Vaisyas who have risen from 6,042 in 1911 to 145,968 in 1921; this increase is mostly accounted for by a fall of 94,523 or 21 per cent in the number of Kōmatis; and the greater part of this loss is in the district of Guntūr. The next most marked increase is in Kshatriyas and for the same reason as in the case of Vaisyas. A desire for social advancement or some more subtle reason induces various bodies such as the Rāzus of the Circars, the Pallis (of both the Tamil and Telugu branches), or the Nāḍārs to return their caste as Kshatriya. An increase of 97.4 per cent in 1901-1911 has now been followed by an increase of 100.8 per cent in 1911-1921. Their numbers have doubled in Gōḍāvari, Kistna and Cuddapah; they have multiplied ten-fold in Chittoor; and in all the Tamil districts they have greatly increased. In Gōḍāvari and Cuddapah they have gained at the expense of Rāzus and in the other Telugu

Vaisyas

districts the principal gain is from Pallis; while in the Tamil districts they have gained from the Vanniyans or Pallis and from Nādars.

Gamalla,  
Indra, Idiga

16. The next largest increase is in the Gamalla caste which is shown as about 100,000 or 65 per cent stronger than in 1911. There is at this census, as there has been since 1901, some interchange between the Idiga, Indra and Gamalla castes. The traditional occupation of all these castes is the drawing of toddy, and the three castes have recently formed a common organization under

| Caste.      | Number returned in |         |         |
|-------------|--------------------|---------|---------|
|             | 1921.              | 1911.   | 1901.   |
| Gamalla ... | 253,847            | 153,653 | 150,977 |
| Idiga ...   | 153,237            | 261,235 | 231,340 |
| Indra ...   | 68,675             | 56,774  | 39,049  |
| Total ...   | 475,759            | 471,667 | 421,366 |

the title of Arya Hihida or Setti Balija Sangam. From the figures in the margin we see that in the last decade the Idigas have lost more than 100,000 of their numbers to Gamallas and Indras. This has happened chiefly in the districts of Gōdāvari and Kistna: in Gōdāvari in 1911 there were 32,699

Gamallas, and 111,186 Idigas; now there are 103,935 Gamallas and 55,361 Idigas; and in Kistna, against 59,508 Gamallas and 78,292 Idigas of 1911 we now have 98,002 Gamallas and 35,762 Idigas. In Ganjām, Gamallas have become Indras; in Vizagapatam, Idigas have become Indras; Guntūr in 1911 had only Gamallas and Chittoor had only Idigas; now Guntūr returns 9,450 Indras in addition to 27,645 Gamallas and Chittoor has 2,448 Indras besides 9,279 Idigas. In the Agency, where in 1911 there were 3,480 Gamallas and 1,285 Idigas, there are now none of any of the three castes.

Kummara,  
Kumbāra  
and  
Kumbhāro

17. The next castes to engage attention are the Kummara, Kumbāra and Kumbhāro, or Telugu, Tulu and Kanarese, and Oriyā potters; while the Telugu folk have lost 0.3 per cent of their numbers, the Kanarese and Tulu have gained 29.8 per cent and the Oriyā 60.8 per cent. The actual figures are given

|              | 1921.   | 1911.   | Difference. |
|--------------|---------|---------|-------------|
| Kummara ...  | 133,696 | 134,075 | - 379       |
| Kumbāra ...  | 49,751  | 38,307  | + 11,444    |
| Kumbhāro ... | 29,142  | 18,123  | + 11,019    |
| Total ...    | 212,589 | 190,505 | + 22,084    |

in the margin. Evidently either at this census or in former years there has been confusion between the different languages. Inasmuch as the caste sorting was at this census done by language, there is at least a probability

that the 1921 figures may be the more accurate.

Ambalakāran,  
Muttiriyān  
and  
Muttrācha

18. There is another series of castes between which there is a risk of confusion—Ambalakāran, Muttrācha, and Muttiriyān. Ambalakārāns rose in 1911,

|                 | Number enumerated in |         |         |
|-----------------|----------------------|---------|---------|
|                 | 1921.                | 1911.   | 1901.   |
| Ambalakārān ... | 164,748              | 185,177 | 162,471 |
| Mutrācha ...    | 227,536              | 153,422 | 176,060 |
| Muttiriyān ...  | 100,324              | 86,856  | 65,717  |
| Total ...       | 492,608              | 425,455 | 404,248 |

but in 1921 fell to the level at which they were in 1901; Muttrāchas fell in 1911, but in 1921 have risen by 48 per cent; while Muttiriyāns have increased steadily at each census. A "Muthurāja Sangam" has recently been started in Trichinopoly, and the preference for the title Muttrācha may be ascribed to the

activities of this sangam. The figures for the districts are even more remarkable: Ambalakārāns, for example, have quadrupled in Salem, they have nearly doubled in Tanjore, while in Trichinopoly they have decreased by nearly 50 per cent. The chief increase of Muttrāchas is in Trichinopoly, whence none were returned in 1911 and now over 50,000; there has also been a large increase in Anantapur and in Chittoor, but have lost ground in North Arcot. Muttiriyāns show a loss in Chingleput, and a gain in North Arcot and Trichinopoly.

Lingayats

19. Next in point of increase come the Lingayats who now number 171,000 against 134,500 in 1911—an increase of 27.1 per cent. More than half these people are in Bellary district, where, in spite of the fact that the population of the district has fallen by 11 per cent, the number of Lingayats has risen by 23,000 or nearly 30 per cent; there are also 3,000 of them in the State of Sandūr where in 1911 there were only 200. They have lost a little ground in Coimbatore;

but in Salem they have more than doubled. The Lingayats on the Nilgiris are a section of the Badagās who follow the Lingayat doctrines.

20. The Maravans of Madura and Tinnevely have increased by 50 and 30 per cent, while in Rāmnād their numbers have risen by 9.2 per cent. In Madura there is a corresponding decrease of Baliyas; and in Tinnevely there is a marked fall in the number of Vellālas and of Paraiyans; but it is unnecessary if not impossible to regard this increase and these decreases as cause and effect.

21. It is only the Iluvan (Malayālam) who should be compared with the Iluvan of 1911. The folk shown as Iluvan (Tamil) in 1921 are the same as those entered as Panikkans in 1911; in adopting the name Iluvan the *Tinnevely District Gazetteer* published in 1917 was followed, which is the latest authority on the subject.

22. The tribe which shows the next largest increase is the congeries of aboriginal folk who are grouped under the name of Gadabā. With them it will be convenient to consider all the aboriginal, forest, and gipsy tribes together.

Aboriginal,  
forest and  
gipsy tribes

| Tribe.         | Number enumerated in |         |         |
|----------------|----------------------|---------|---------|
|                | 1921.                | 1911.   | 1901.   |
| Khond ...      | 329,569              | 354,946 | 316,568 |
| Savara ...     | 210,511              | 186,128 | 183,159 |
| Yānādi ...     | 138,426              | 121,549 | 103,906 |
| Irula ...      | 99,874               | 100,659 | 86,087  |
| Yerukala ...   | 88,631               | 88,241  | 65,513  |
| Porojā ...     | 87,019               | 92,737  | 91,886  |
| Jātāpu ...     | 81,844               | 92,520  | 75,719  |
| Kōyi ...       | 74,084               | 79,422  | 63,062  |
| Konda Dora ... | 65,466               | 89,775  | 88,715  |
| Lambādi ...    | 53,980               | 49,418  | 44,439  |
| Gadabā ...     | 53,770               | 45,115  | 40,395  |
| Gond ...       | 40,823               | 25,596  | 20,734  |
| Badaga ...     | 40,329               | 38,180  | 34,178  |
| Kudubi ...     | 7,285                | 10,366  | 10,350  |
| Chenchu ...    | 6,281                | 6,954   | 7,164   |
| Kōta ...       | 1,204                | 1,163   | 1,267   |
| Paliyan ...    | 731                  | 1,452   | 705     |
| Kādan ...      | 722                  | 791     | 789     |
| Toda ...       | 640                  | 748     | 807     |

The marginal statement shows how these tribes have fared during the last twenty years. And before starting the discussion it is necessary to repeat the warning given in Chapter IX when dealing with languages that the expressions Porojā and Gadabā do not represent each one tribe; but that each word is used to designate three or four distinct tribes—each such tribe having a distinctive language of its own, as well as its own peculiar habits and customs. With this warning we proceed to note that there are seven tribes whose numbers in 1921 are lower than they were in 1901. The Kudubis, a jungle tribe living in the

hills of South Kanara, have lost nearly a third of their numbers since 1911. Probably either in 1921 or at the early

| Tribe.         | Decrease, 1901-1921. |           |
|----------------|----------------------|-----------|
|                | Actual.              | Per cent. |
| Kudubi ...     | 3,065                | 29.6      |
| Konda Dora ... | 23,249               | 26.2      |
| Porojā ...     | 4,867                | 5.3       |
| Chenchu ...    | 883                  | 12.3      |
| Kōta ...       | 63                   | 5.0       |
| Kādan ...      | 67                   | 8.5       |
| Toda ...       | 167                  | 20.7      |

censuses there was confusion between Kudubi and Kuruba. In 1901 only 227 Kurubas were returned in South Kanara; in 1911 the number was less than one per mille of the district population, so the district was not shown in Part II of Imperial Table XIII; but in 1921 we have 27,022 Kurubas returned in South Kanara. There has been a great fall in the Agency—partly due to the transfer to Vizagapatam district of certain Agency tracts which they inhabit; but the tribe as a whole has lost over 25 per cent of its numbers in the last ten years; it is uncertain whether this is due to heavy mortality or to emigration. The Chenchus at the time of the census of 1921 were, many of them, hiding in the heart of the Nallamalai hills from the police who were conducting an extensive campaign against them. The wonder is not so much that fewer of them should have been counted than in 1911, but that so many as 6,000 of them should have been found. The Kōtas who lost 8 per cent of their numbers between 1901 and 1911 have made a slight recovery in the last decade. The Tōdas, on the other hand, have suffered much heavier losses in the last decade than in 1901-1911; they now number only 640—360 men and 280 women. The proportion of women in 1901 was 781 to 1,000 males; in 1911 the proportion fell to 751; in 1921 it was 778 having nearly got back to the state of things obtaining in 1901. Kādans are jungle folk in the hills of Malabar; the fall in their numbers may possibly be due to their migration to Cochin or Travancore.



Seven of the tribes have risen in numbers at the two censuses of 1911 and 1921. The large increase in the number of Gonds occurred mostly at the census of 1921; it may be due to migration across the borders from the Central Provinces, or it may be due to confusion with Khond or Konda Dora, both which tribes have lost population in the last decade. Yerukalas, Yānādis, and Lambādis all show a substantial increase—though in the case of Yerukalas the increase all occurred before 1911. The abnormal increase in these gipsy tribes is probably due to people of other castes with a taste for the wandering life joining their gangs, adopting their customs, and eventually claiming membership of the tribe. It is difficult to account for the increase of the Gadabās and Savaras considering the loss of population in the Agency generally and especially in the other aboriginal tribes; nor are the causes apparent which have led to the increase among Badagas. The other aboriginal and forest tribes, though they showed an increase of population in 1901–1911, have lost ground in 1911–1921, but are still well above the population of 1901. From these five tribes Paliyans ought to be excluded: 705 strong in 1901, they more than doubled their numbers in 1911, but in 1921 their numbers have fallen again to 731. Either the 1911 figures were wrong, or there must have been an invasion at the time of that census of Paliyans from Travancore. The fall in the strength of Khonds, Jātāpus, Kōyis, and Irulas is sufficiently explained by the bad conditions of the closing years of the decade.

#### The Depressed classes

23. We pass next to a consideration of the castes commonly known as the "Depressed classes." They have come into prominence recently partly by reason of their assertion of equal rights of humanity and citizenship with members of superior castes, partly owing to industrial disputes with members of superior castes which led to serious riots and disturbances in Madras, and partly owing to measures taken by the Government in recent years to improve their conditions. Following the established practice their first move in the direction of social advancement has been an agitation for a change of name; but they are not all of one opinion as to the most desirable name, some favour *Adi-Drāvida* for the Tamils and *Adi-Andhra* for the Telugus, others favour *Drāvida*. As a matter of fact none of these names is yet established outside Madras and its suburbs in Chingleput. About 50,000 persons in these two districts returned themselves as *Adi-Drāvidas*; the rest of the community continued to describe themselves either as *Panchamas* or by the traditional caste name. These caste names with the numbers returned under each at the census of 1921 and the

| Caste.      | Strength, 1921. | Variation, 1911–1921. |
|-------------|-----------------|-----------------------|
| Adi-Drāvida | 50,015          | ...                   |
| Chakkiliyan | 549,807         | + 4.4                 |
| Cheruman    | 248,397         | - 2.7                 |
| Holeyā      | 91,558          | - 32.7                |
| Mādigā      | 737,427         | - 8.7                 |
| Māla        | 1,493,129       | - 1.2                 |
| Pallān      | 862,685         | - 0.4                 |
| Paraiyan    | 2,337,036       | + 1.0                 |
| Semman      | 2,023           | + 21.7                |

variation between 1911 and 1921 are given in the margin. The fall under *Holeyas* occurs in Bellary, Coimbatore, and chiefly in South Kanara. The fall in Bellary and Coimbatore reflects the general decrease of population in the district of Bellary and in the taluk of Kollegāl where the Coimbatore *Holeyas* are found; the fall in South Kanara is partly made up by the presence of 20,000 *Mālas* in that district. The greatest decrease among *Mādigas* occurs in Bellary where it is no doubt a result of the famine conditions which obtained at the close of the decade, and next in Kistna and Guntūr where we have seen a great addition to the Christian population. The fall in *Cherumans* has, we have seen, been accompanied by an abnormal rise in the number of *Māppillas*; and similarly there has been a marked fall in the number of *Mālas* in Guntūr and Kurnool where there have been additions to the Christian community. The *Pallāns* are fewer in the districts of Trichinopoly, Coimbatore and Tanjore from which districts they must have emigrated in greater numbers. The number of *Paraiyans* has increased everywhere except

in Tinnevely and on the Nilgiris; in the Nilgiris the reason is less recruiting for the tea estates; the shortage in Tinnevely is probably due to increased emigration to Ceylon. Chakkiliyans have increased very largely in the Tamil districts of the East Coast Central division, but have decreased in South Arcot and the districts south of it (except Madura). This decrease again is probably the effect of increased emigration; the increase in Chingleput, North Arcot and Salem is due to the decline of *Malas* and *Mādigas* in those districts.

24. The number returned as Europeans or of allied races has fallen since 1911 from 14,905 to 10,836; the number of British subjects having fallen from 12,741 to 9,950 and that of others from 2,130 to 886. The district with the largest number of Europeans is now the Nilgiris, with Madras second; in 1911 the position was reversed; these two districts contain 6,469 out of the 10,836 Europeans, and the rest are scattered in small numbers throughout the Presidency as is shown by the following table which groups districts according to the number of Europeans in each:—

European and allied races

Distribution of Europeans by districts.

| Less than 30.                                                                  | 30 to 50.                                       | 50 to 100.                                                                      | 100 to 300.                                                                                          | Over 300.                                                                 |
|--------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Agency.<br>Cuddapah.<br>Anjengo.<br>Pudukkōttai.<br>Bangalanapalle.<br>Sandūr. | Kistna.<br>Kurnool.<br>Rāmnād.<br>South Kanara. | Ganjām.<br>Guntūr.<br>Nellore.<br>Bellary.<br>Anantapur.<br>Chittoor.<br>Salem. | Vizagapatam.<br>Godāvari.<br>North Arcot.<br>South Arcot.<br>Tanjore.<br>Trichinopoly.<br>Tinnevely. | Madras.<br>Chingleput.<br>Coimbatore.<br>Madura.<br>Nilgiris.<br>Malabar. |

Of the 9,950 British subjects, 6,721 are English, 725 Scotch, 1,101 Irish, 41 Welsh, 78 Australian and 34 Canadian. In 1911 there were 8,738 English, 668 Scotch, 657 Irish, 27 Welsh, 28 Australian, and 74 Canadian. The increase in the number of Irishmen in 1921 was due to presence of the Leinster Regiment in the Presidency at the time of the census. It is remarkable that there should be 2,000 less Englishmen in the Presidency than in 1911; many left India at the time of the war and evidently the places which they vacated have not all been filled. Of the Europeans who are not British subjects, the majority in 1921 were French and Americans who numbered 516 out of 886. In 1911 the most numerous community were Germans of whom 545 were enumerated in Madras that year. In 1921 Germany and her allies are represented by 11 Germans and 13 Austrians. Of the 10,836 Europeans, 2,944 were enumerated in Madras, just below 1,000 in the other 16 cities, and the rest in the smaller towns and in villages.

25. There has also been a fall in the number returned as Anglo-Indians from 26,023 in 1911 to 23,492 in 1921.

Anglo-Indians

Distribution of 1,000 Anglo-Indians by age.

|      | 0–15. | 15–30. | 30–50. | 50 and over. |
|------|-------|--------|--------|--------------|
| 1921 | 377   | 292    | 217    | 114          |
| 1911 | 371   | 298    | 219    | 112          |

As will be seen from the margin there is little difference in the age distribution between the two censuses, 1921 showing a slightly lower proportion at ages 15 to 50 and with a corresponding increase in childhood and old age. 9,002 of the 23,492 Anglo-Indians were enumerated in Madras; Malabar has 2,501, Chingleput 2,175, the Nilgiris 1,285 and Vizagapatam, 1,136. They are distributed over the other districts as follows:—

Distribution of Anglo-Indians by districts.

| Under 30.                                                                   | 30 to 100.                       | 100 to 200.                                                   | 200 to 600.                                          | 600 to 700.                                                                 | 943.        |
|-----------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------|-------------|
| Agency.<br>Guntūr.<br>Rāmnād.<br>Pudukkōttai.<br>Bangalanapalle.<br>Sandūr. | Ganjām.<br>Cuddapah.<br>Kurnool. | Kistna.<br>Chittoor.<br>Salem.<br>Tinnevely.<br>South Kanara. | Godāvari.<br>Bellary.<br>Anantapur.<br>Trichinopoly. | Nellore.<br>North Arcot.<br>South Arcot.<br>Tanjore.<br>Madura.<br>Anjengo. | Coimbatore. |



The districts which attract them are naturally those where there are railway workshops or settlements. Part II of Table XVI shows that Anglo-Indians are much more addicted to city life than Europeans: whereas only 36 per cent of the Europeans were enumerated in cities, no less than 53 per cent of the Anglo-Indian community were returned from the 17 cities.

### Musalman tribes

26. The strength of the principal Musalman tribes shows little variation from 1911. The apparent fall in the number of Labbais is accounted for by the common tendency of a Labbai as he rises in the social scale, to claim membership of the Sheik, Saiyad, Pathān, etc., tribes. The loss occurs mostly in the Rāmnād district and to a lesser degree in North Arcot, Tanjore, Trichinopoly and Pudukkōttai. The greatest gain of population is by Pathāns in North Arcot, Rāmnād and Tinnevely. Dūdēkulas have disappeared from the Agency and from Kistna, but are recorded in Vizagapatam; they have increased considerably in the districts of Guntūr, Bellary and Anantapur. The Māppilla who since the census has made himself notorious by his great rebellion is at home only on the West Coast. His numbers have risen by  $6\frac{1}{2}$  per cent since 1911 and we have seen in Chapter IV that this increase is at least in part due to conversions from among the Cherumans. Originally descended from Arab sailors who married women of the country, the majority of the Māppillas to-day have next to no admixture of foreign blood; except in few cases they are simply out-caste Cherumans who have turned to Islam in the hope of improving their social status, or the descendants of such converts. Their zeal for Muhammadanism is notorious, and their fanatical outbreaks have for years been the only source of disturbance to the peace and quiet of the West Coast. The recent outbreak, for the numbers involved, the area affected, the damage done to person and property, public and private, and for its duration, has far surpassed all previous risings. Māppillas are found in every taluk of the district as will be seen from the figures in the margin. After the Laccadives, the three taluks of Ernād, Ponnāni and Walluvanād, in which they are most numerous, form with Calicut taluk the area worst affected by the rebellion. Palghat, it will be observed, is practically outside the Māppilla area; and their numbers are comparatively few in the Wynaad and in Cochin.

| Tribe.      | Strength, 1921. | Variation, 1911-1921. |           |
|-------------|-----------------|-----------------------|-----------|
|             |                 | Actual.               | Per cent. |
| Māppilla .. | 1,099,453       | + 66,696              | + 6.5     |
| Sheik ..    | 932,902         | + 40,029              | + 4.5     |
| Labbai ..   | (a) 385,914     | - 15,789              | - 3.9     |
| Saiyad ..   | 175,588         | + 5,263               | + 3.2     |
| Pathān ..   | 119,981         | + 13,041              | + 12.2    |
| Dūdēkula .. | (b) 76,509      | + 4,897               | + 6.8     |

(a) Includes Ravuthars. (b) Includes Hindus.

| Taluk.         | Māppilla population. | Percentage of Māppilla to taluk population. |
|----------------|----------------------|---------------------------------------------|
| Calicut ..     | 86,952               | 29.9                                        |
| Chirakkal ..   | 86,207               | 24.9                                        |
| Cochin ..      | 4,225                | 18.8                                        |
| Ernād ..       | 236,873              | 59.1                                        |
| Kottayam ..    | 54,790               | 23.6                                        |
| Kurumbranād .. | 95,939               | 26.9                                        |
| Laccadives ..  | 9,453                | 99.6                                        |
| Palghat ..     | 18,060               | 4.2                                         |
| Ponnāni ..     | 228,522              | 42.9                                        |
| Walluvanād ..  | 131,497              | 33.3                                        |
| Wynaad ..      | 12,833               | 15.1                                        |

vanād, in which they are most numerous, form with Calicut taluk the area worst affected by the rebellion. Palghat, it will be observed, is practically outside the Māppilla area; and their numbers are comparatively few in the Wynaad and in Cochin.

### Variation in caste, tribe, etc., since 1891.

| Caste, tribe or race.                                    | Persons (000s omitted). |       |       |       | Percentage of variation Increase (+), Decrease (-). |               |               |
|----------------------------------------------------------|-------------------------|-------|-------|-------|-----------------------------------------------------|---------------|---------------|
|                                                          | 1921.                   | 1911. | 1901. | 1891. | 1911 to 1921.                                       | 1901 to 1911. | 1891 to 1901. |
| 1                                                        | 2                       | 3     | 4     | 5     | 6                                                   | 7             | 8             |
| Agamudaiyan ..                                           | 369                     | 350   | 318   | 296   | + 5.4                                               | + 10.0        | + 7.3         |
| Ambalakāran ..                                           | 165                     | 165   | 162   | 167   | - 11.0                                              | + 14.0        | - 3.0         |
| Ambattan ..                                              | 227                     | 213   | 200   | 184   | + 6.7                                               | + 6.5         | + 8.4         |
| Andi ..                                                  | 70                      | 82    | 88    | 90    | - 14.4                                              | - 6.2         | - 2.4         |
| Baliya ..                                                | 1,041                   | 1,041 | 1,008 | 884   | ...                                                 | + 3.3         | + 14.0        |
| Bant ..                                                  | 131                     | 126   | 119   | 110   | + 4.0                                               | + 6.6         | + 7.8         |
| Bavuri ..                                                | 57                      | 67    | 67    | 48    | - 14.7                                              | + 0.8         | + 39.6        |
| Bestha ..                                                | 49                      | 48    | 41    | 35    | + 2.4                                               | + 16.1        | + 18.2        |
| Billava ..                                               | 167                     | 157   | 143   | 126   | + 6.2                                               | + 9.9         | + 13.4        |
| Bottada ..                                               | 66                      | 62    | 50    | 53    | + 5.8                                               | + 24.0        | - 5.8         |
| Boya ..                                                  | 440                     | 426   | 397   | 357   | + 3.4                                               | + 7.2         | + 11.3        |
| Brāhman—                                                 |                         |       |       |       |                                                     |               |               |
| Kanarese ..                                              | 125                     | 94    | 94    | ...   | + 33.6                                              | + 0.0         | ...           |
| Malayālam ..                                             | 26                      | 19    | 19    | ...   | + 33.4                                              | + 0.4         | ...           |
| Oriyā ..                                                 | 142                     | 143   | ...   | ...   | - 1.5                                               | + 12.3        | ...           |
| Tamil ..                                                 | 505                     | 480   | 416   | 1,133 | + 5.1                                               | + 15.4        | + 4.9         |
| Telugu ..                                                | 532                     | 461   | 436   | ...   | + 15.4                                              | + 5.7         | ...           |
| Others ..                                                | 133                     | 113   | 106   | ...   | + 18.5                                              | + 6.4         | ...           |
| Chakkiliyan ..                                           | 550                     | 526   | 487   | 444   | + 4.4                                               | + 8.1         | + 9.7         |
| Cheruman ..                                              | 248                     | 255   | 253   | 260   | - 2.7                                               | + 0.8         | - 2.7         |
| Chetti ..                                                | 354                     | 350   | 289   | 656   | + 1.1                                               | + 21.0        | - 55.9        |
| Devānga ..                                               | 289                     | 287   | 276   | 226   | + 0.8                                               | + 4.0         | + 22.2        |
| Dombō ..                                                 | 70                      | 63    | 58    | 74    | + 11.7                                              | + 8.4         | - 21.7        |
| Dūdēkula ..                                              | 77                      | 72    | 75    | 51    | + 6.8                                               | - 3.9         | + 45.0        |
| Gadabā ..                                                | 54                      | 45    | 40    | 33    | + 19.2                                              | + 11.7        | + 20.9        |
| Gamalla ..                                               | 254                     | 154   | 151   | 136   | + 65.2                                              | + 1.8         | + 11.3        |
| Gauda ..                                                 | 50                      | 46    | 46    | 152   | + 9.8                                               | - 1.9         | ...           |
| Gauda ..                                                 | 96                      | 122   | 103   | ...   | - 22.8                                              | + 18.8        | - 1.7         |
| Gavara ..                                                | 64                      | 61    | 56    | 41    | + 6.4                                               | + 9.0         | + 34.5        |
| Golla ..                                                 | 907                     | 904   | 855   | 790   | + 0.3                                               | + 5.7         | + 8.3         |
| Holeya ..                                                | 92                      | 136   | 148   | 155   | - 32.7                                              | - 8.0         | - 4.8         |
| Idaiyan, Yādava ..                                       | 744                     | 735   | 695   | 664   | + 1.2                                               | + 5.7         | + 4.7         |
| Idiga, Arya Hihida, Setti Baliya ..                      | 153                     | 261   | 231   | 155   | - 41.3                                              | + 12.9        | + 49.7        |
| Ilavan ..                                                | 150                     | 121   | 111   | 121   | - 0.8                                               | + 7.0         | + 6.3         |
| Parikkān ..                                              | ...                     | 30    | 30    | 12    | ...                                                 | ...           | ...           |
| Indian Christian ..                                      | 1,846                   | 1,168 | 999   | 839   | + 15.3                                              | + 16.9        | + 19.0        |
| Indra, Arya Hihida, Setti Baliya ..                      | 69                      | 67    | 39    | 85    | + 21.0                                              | + 45.4        | - 54.3        |
| Irula ..                                                 | 100                     | 101   | 86    | 72    | - 1.8                                               | + 16.9        | + 19.8        |
| Jangam ..                                                | 117                     | 110   | 102   | 88    | + 6.3                                               | + 7.8         | + 16.3        |
| Jātāpu ..                                                | 82                      | 93    | 76    | 82    | - 11.5                                              | + 22.2        | - 7.3         |
| Kaikōlan, Sengundar, Sengunda ..                         | 407                     | 368   | 347   | 313   | + 10.4                                              | + 6.2         | + 11.0        |
| Kshatriya ..                                             | 87                      | 83    | ...   | ...   | + 4.8                                               | ...           | ...           |
| Kālingi ..                                               | 54                      | 52    | 127   | 115   | + 5.6                                               | + 6.7         | + 10.0        |
| Kālinji ..                                               | 534                     | 535   | 488   | 410   | - 0.2                                               | + 10.2        | + 18.4        |
| Kallan ..                                                | 1,161                   | 1,126 | 974   | 850   | + 3.1                                               | + 15.6        | + 14.5        |
| Kamma ..                                                 | ...                     | ...   | ...   | ...   | ...                                                 | ...           | ...           |
| Kammālan, Kamsala, Pānchāla, Visva Brāhman, Visva Karma— |                         |       |       |       |                                                     |               |               |
| Malayālam ..                                             | 117                     | 108   | 104   | 590   | + 11.6                                              | + 3.8         | + 1.8         |
| Tamil ..                                                 | 549                     | 559   | 497   | ...   | - 1.8                                               | + 12.6        | ...           |
| Telugu ..                                                | 364                     | 295   | 272   | 268   | + 13.4                                              | + 8.8         | + 1.5         |
| Kāpu ..                                                  | 2,631                   | 2,679 | 2,576 | 2,466 | - 1.8                                               | + 4.0         | + 4.5         |
| Karnam ..                                                | 120                     | 110   | 92    | 94    | + 8.9                                               | + 19.2        | - 2.3         |
| Khond ..                                                 | 330                     | 355   | 317   | 327   | - 7.1                                               | + 12.1        | - 3.2         |
| Kōmati, Arya Vaisya ..                                   | 394                     | 498   | 428   | 288   | - 21.0                                              | + 16.4        | + 49.0        |
| Konda Dora ..                                            | 65                      | 90    | 83    | 85    | - 27.1                                              | + 1.2         | + 4.2         |
| Kōyi ..                                                  | 74                      | 79    | 63    | 51    | - 6.7                                               | + 25.9        | + 24.2        |
| Kshatriya ..                                             | 318                     | 158   | 80    | 152   | + 100.8                                             | + 97.4        | - 47.3        |
| Kumbāra ..                                               | 50                      | 38    | 35    | ...   | + 29.8                                              | + 8.1         | ...           |
| Kumbhāro ..                                              | 29                      | 18    | 13    | 149   | + 60.8                                              | + 43.8        | + 13.0        |
| Kumbara ..                                               | 134                     | 134   | 120   | ...   | - 0.3                                               | + 11.5        | ...           |
| Kuravan ..                                               | 132                     | 110   | 100   | 135   | - 14.7                                              | + 9.3         | + 22.7        |
| Yerukala ..                                              | 89                      | 88    | 66    | ...   | + 0.4                                               | + 34.7        | ...           |
| Kuruba ..                                                | 140                     | 232   | 206   | 337   | - 39.7                                              | + 12.4        | + 7.2         |
| Kurumban ..                                              | 151                     | 144   | 155   | ...   | + 4.7                                               | - 7.0         | ...           |
| Kusavan ..                                               | 158                     | 153   | 139   | 129   | + 3.2                                               | + 9.9         | + 7.9         |
| Labbai ..                                                | 369                     | 402   | 407   | 353   | - 8.2                                               | - 1.3         | + 15.2        |
| Lambādi ..                                               | 54                      | 49    | 44    | 38    | + 9.2                                               | + 11.2        | + 16.8        |
| Lingāyat ..                                              | 171                     | 135   | 139   | 108   | + 27.1                                              | - 2.8         | + 27.9        |
| Lingayat ..                                              | 737                     | 808   | 755   | 681   | - 8.7                                               | + 7.0         | + 10.8        |
| ...                                                      | 1,493                   | 1,511 | 1,405 | 1,371 | - 1.2                                               | + 7.6         | + 2.5         |

## Variation in caste, tribe, etc., since 1891—concluded.

| Caste, tribe or race.                                                                     | Persons (000s omitted). |       |       |       | Percentage of variation<br>Increase (+),<br>Decrease (-). |                     |                     |
|-------------------------------------------------------------------------------------------|-------------------------|-------|-------|-------|-----------------------------------------------------------|---------------------|---------------------|
|                                                                                           | 1921.                   | 1911. | 1901. | 1891. | 1911<br>to<br>1921.                                       | 1901<br>to<br>1911. | 1891<br>to<br>1901. |
| Malaimān ... ..                                                                           | 63                      | 57    | 58    | 35    | +11.1                                                     | + 2.5               | +59.4               |
| Malayāli ... ..                                                                           | 62                      | 63    | 48    | 47    | - 2.3                                                     | +38.2               | - 2.4               |
| Mangala ... ..                                                                            | 183                     | 181   | 164   | 154   | - 0.4                                                     | +11.9               | + 7.1               |
| Māppilla ... ..                                                                           | 1,099                   | 1,033 | 913   | 823   | + 6.5                                                     | +13.1               | +10.9               |
| Marātha ... ..                                                                            | 91                      | 79    | 82    | 67    | +14.8                                                     | - 2.8               | +22.2               |
| Maravan ... ..                                                                            | 450                     | 365   | 330   | 307   | +23.4                                                     | + 7.7               | +10.3               |
| Mutrācha ... ..                                                                           | 228                     | 153   | 176   | 159   | +48.3                                                     | -12.9               | +10.6               |
| Mutiriyān ... ..                                                                          | 100                     | 87    | 66    | 34    | +15.5                                                     | +32.2               | +91.0               |
| Nādār ... ..                                                                              | 865                     | 642   | 603   | 532   | + 2.1                                                     | + 6.4               | +13.4               |
| Nattamān ... ..                                                                           | 161                     | 163   | 151   | 95    | - 1.0                                                     | + 7.6               | +58.9               |
| Nāyar ... ..                                                                              | 490                     | 412   | 410   | 304   | +18.8                                                     | + 0.4               | + 4.2               |
| Odde ... ..                                                                               | 537                     | 550   | 498   | 461   | - 2.3                                                     | +10.4               | + 8.1               |
| Odiya ... ..                                                                              | 84                      | 101   | 96    | 92    | -17.3                                                     | + 5.2               | + 4.4               |
| Pallan ... ..                                                                             | 863                     | 866   | 825   | 802   | - 0.4                                                     | + 4.9               | + 2.9               |
| Palli, Vanniya, Vanniya Ksha-<br>triya, Vannikula Kshatriya,<br>Agnikula Kshatriya ... .. | 2,810                   | 2,820 | 2,554 | 2,395 | - 0.4                                                     | +10.4               | + 6.6               |
| Pandāram ... ..                                                                           | 64                      | 67    | 53    | 42    | - 3.5                                                     | +26.2               | +26.9               |
| Pāno ... ..                                                                               | 81                      | 71    | 61    | 46    | +13.3                                                     | +16.5               | +32.9               |
| Paraiyan, Panchama, Adi-Drāvida.<br>Puthān ... ..                                         | 2,387                   | 2,364 | 2,153 | 2,035 | + 1.0                                                     | + 9.8               | +15.8               |
| Porojā ... ..                                                                             | 120                     | 107   | 95    | 109   | +12.2                                                     | +12.3               | -12.8               |
| Rāzu ... ..                                                                               | 87                      | 93    | 92    | 82    | - 6.2                                                     | + 0.9               | +12.0               |
| Sāiṣad ... ..                                                                             | 52                      | 103   | 107   | 68    | -49.1                                                     | - 3.8               | +56.3               |
| Sāle ... ..                                                                               | 176                     | 170   | 152   | 110   | + 3.2                                                     | +11.9               | +37.6               |
| Sātāni, Sātāda Sri Vaishnava ... ..                                                       | 340                     | 353   | 326   | 310   | - 5.2                                                     | +10.0               | + 5.1               |
| Saurāshtra, Saurāshtra Brāhman ... ..                                                     | 44                      | 48    | 39    | 33    | - 7.3                                                     | +21.4               | +21.0               |
| Savara ... ..                                                                             | 91                      | 93    | 87    | 73    | - 2.2                                                     | + 6.5               | +19.9               |
| Segidi ... ..                                                                             | 211                     | 186   | 183   | 182   | +13.1                                                     | + 1.6               | + 0.5               |
| Sembadavan ... ..                                                                         | 58                      | 56    | 54    | 60    | + 3.4                                                     | + 5.1               | -10.4               |
| Sheik ... ..                                                                              | 63                      | 64    | 54    | 110   | - 2.1                                                     | +19.9               | -51.2               |
| Sudarmān ... ..                                                                           | 933                     | 893   | 787   | 619   | + 4.5                                                     | +13.5               | +27.1               |
| Telaga ... ..                                                                             | 44                      | 47    | 41    | 15    | - 5.4                                                     | +15.1               | +174.4              |
| Tiyan ... ..                                                                              | 604                     | 499   | 383   | 302   | +21.1                                                     | +30.3               | +26.5               |
| Togata ... ..                                                                             | 676                     | 640   | 578   | 548   | + 5.7                                                     | +10.6               | + 5.6               |
| Tortiyān ... ..                                                                           | 70                      | 67    | 68    | 59    | + 4.0                                                     | - 2.1               | +16.0               |
| Tsākala ... ..                                                                            | 154                     | 156   | 150   | 146   | - 1.3                                                     | + 3.5               | + 3.3               |
| Uppara ... ..                                                                             | 388                     | 387   | 360   | 327   | ...                                                       | + 7.5               | +10.1               |
| Urāli ... ..                                                                              | 112                     | 115   | 110   | 101   | - 3.0                                                     | + 4.7               | + 9.4               |
| Vadugan ... ..                                                                            | 50                      | 62    | 63    | 43    | -19.2                                                     | - 1.7               | +46.5               |
| Vaiaya ... ..                                                                             | 69                      | 58    | 96    | 181   | +18.5                                                     | -39.4               | -47.1               |
| Vakkaliga ... ..                                                                          | 146                     | 6     | 19    | 9     | +2315.9                                                   | +68.4               | +90.0               |
| Vallaiyan ... ..                                                                          | 80                      | 81    | 69    | 62    | - 0.6                                                     | +17.1               | +11.6               |
| Vanniyan, Vaniga Vaiya ... ..                                                             | 346                     | 359   | 360   | 286   | - 3.7                                                     | - 0.4               | +25.8               |
| Vannān ... ..                                                                             | 59                      | 63    | 55    | 41    | - 6.8                                                     | +15.9               | +32.7               |
| Velama ... ..                                                                             | 201                     | 195   | 171   | 153   | + 2.9                                                     | +13.8               | +11.7               |
| Vellāla ... ..                                                                            | 251                     | 242   | 209   | 229   | + 3.5                                                     | +16.0               | - 8.7               |
| Vettuvan ... ..                                                                           | 516                     | 487   | 436   | 382   | + 6.0                                                     | +11.7               | +14.3               |
| Yānādi ... ..                                                                             | 2,654                   | 2,536 | 2,379 | 2,221 | + 4.7                                                     | + 6.6               | + 7.1               |
| Yāta ... ..                                                                               | 83                      | 79    | 91    | 81    | + 4.6                                                     | -12.4               | +11.5               |
|                                                                                           | 138                     | 122   | 104   | 85    | +13.9                                                     | +17.0               | +22.2               |
|                                                                                           | 46                      | 50    | 53    | 49    | - 9.1                                                     | - 4.3               | + 7.1               |

## CHAPTER XII.—OCCUPATION.

## PART I.

THE most difficult and complicated subject dealt with at a census, and to many

The informa-  
tion collected

| Occupation or means of<br>subsistence of actual workers. |             | Means of subsistence of<br>dependants on actual<br>workers. |
|----------------------------------------------------------|-------------|-------------------------------------------------------------|
| Principal.                                               | Subsidiary. |                                                             |
| 9                                                        | 10          | 11                                                          |

people the most interesting and useful, is that of the occupations by which the people live. The information is recorded in three columns of the enumeration schedule, which are headed as shown in the margin. Enumerators were instructed to enter in column 9 the principal means of livelihood of

all persons who actually do work or carry on business either personally or through servants, or the actual means of subsistence of persons who live, for example, on pension, rents, or the interest on investments. They were instructed to make the entries as definite and precise as possible, and to avoid vague terms, such as "merchant," "shopkeeper," "writer," "coolie." They were further told to enter in column 9 the occupation of women and children who do any work which helps to augment the family income. Column 10 is provided for a record of any occupation which an actual worker follows at any time in addition to his principal occupation; when a man has two occupations the principal one is that from which he derives the greater part of his income or upon which he relies mainly for his support. Column 11 is for children, women and old or infirm persons who do no work either personally or through servants; for such person the principal occupation of the "actual worker" who supports him or her is to be entered in column 11. Thus the main distinction drawn is that between workers and dependants; and in making this distinction there is little risk of confusion; it may be open to question exactly when a boy who works with his father begins to augment the family income; but as a general rule it was suggested that the work of boys and girls over the age of 10 was of sufficient value to bring them within the category of workers.

2. The correct sorting and classification of occupations is by far the most difficult part of the work in the abstraction offices. The same occupation can be described in so many different ways that the tickets and registers must become bewilderingly voluminous. A new system of classifying occupations, based on that invented by Dr. Jacques Bertillon, a French statistician, was introduced to India in 1911, and has with slight modification been adopted again at this census. Dr. Bertillon divides all occupations into four classes and twelve sub-classes, below which there are three series of minor subdivisions which vary according to local requirements.

Sorting and  
classifying  
the returns

3. In the scheme adopted for the Indian census of 1911 there were 55 orders and 169 groups; on this occasion there are 56 orders and 191 groups. The variation in the number of orders is due (1) to the provision of three new orders (a) 19 Transport by Air, (b) 43 Air Force and (c) 56 "Other unclassified non-productive industries"; (2) to the amalgamation (a) of order 18 (industries of luxury) with order 19 (industries connected with refuse matter) under the head "Other miscellaneous and undefined industries" and (b) of order 40 (trade in refuse matter) with order 41 (trade of other sorts) under the head "Trade of other sorts." The variation in the number of the groups is in the main due to the splitting up of certain groups of 1911 with a view to more precise classification; thus the 1911 group 4 (farm servants and field labourers) is now split into group 4 (farm servants) and group 5 (field labourers), and group 13 of 1911 (raising of small animals) now appears as group 15 (birds, bees, etc.) and group 16 (silk-worms). In other cases this has been done specially for Madras,

The classifi-  
cation scheme

in order to determine the number of persons supported by some occupation, such as coconut-fibre work [group 30 (a)], dyeing of yarn [group 37 (a)], workers in aluminium [group 50 (a)], which is of special interest or importance in Madras. In a few cases occupations have been transferred from one order to another in order to arrive at a more exact classification, e.g., bristles work, brush makers and persons occupied with feathers have been transferred from order 6 (textile industries) to order 7 (hides, skins and hard materials from the animal kingdom); thatchers have been transferred from order 15 (building industries) to order 8 (wood industries); plough and agricultural implement makers have been removed from order 9 (metal industries) and are now included under wood or metal according to the material of which the implements are made; makers of glass bangles and beads have been transferred from order 18 (industries of luxury) to order 10 (ceramics); saddlers and harness makers have been transferred from order 16 (construction of means of transport) to order 7 (hides, skins and hard materials from the animal kingdom); manufacturers of ice have been transferred from order 17 (production and transmission of physical forces) to order 11 (chemical products and analogous); newspaper managers and editors and journalists have been transferred from order 18 (industries of luxury) to order 50 (letters and arts and sciences); trade in thatch has been transferred from order 36 (trade in building materials) to order 28 (trade in wood); conjurors, acrobats, etc., have been transferred from order 41 (trade of other sorts) to order 50 (letters and arts and sciences).

New heads of  
classification

4. Mention has already been made of the introduction of two new orders to cover (1) persons employed in aerodromes, etc., and (2) members of the Air Force. The census of 1921 is the first at which it has been considered necessary to provide separate groups (1) for persons engaged in making, assembling or repairing motor-vehicles or cycles—group 90; (2) for owners, managers and employees connected with mechanically driven vehicles (including trams)—group 113; (3) for dealers and hirers in mechanical transport—group 144; and (4) for private motor-drivers and cleaners—group 183. The growing interest taken in the condition and movement of labour is reflected in the provision of three new groups in which are entered labourers employed in harbours and docks (group 106), labourers employed on the maintenance and construction of harbours, docks, canals, etc. (group 109), and labourers employed on the construction and maintenance of roads and bridges (group 112), all other persons employed on these works being placed in separate groups.

The statistics

5. The results obtained by the methods just described are published in Imperial Tables XVII to XXI. Table XVII shows for each district, state and city the number of persons supported by each occupation recognized in the classification scheme, and under each occupation the number of persons partially supported by agriculture. Table XVIII shows the subsidiary occupations returned by those whose main occupation is agriculture and contains separate divisions for rent-receivers (landlords and tenants\*), cultivators (owners and tenants), and labourers in temporary or permanent employment. Table XIX shows the subsidiary occupations returned by those whose principal occupation is other than agricultural. Table XX showing the distribution of occupations among the population by religions was not compiled for Madras in 1911, and is not compiled on this occasion. Table XXI shows both for the principal castes the occupations which they follow, and for the principal occupational orders the castes supported by them. At the end of this chapter are seventeen subsidiary tables the first nine of which present the salient features of Imperial Tables XVII to XXI.

Table 1 shows the general distribution of the population by occupation.

Table 2 shows the distribution by occupation in natural divisions.

Table 3 gives the distribution of the main classes of occupations in natural divisions and districts.

\* A tenant "rent receiver" is one who takes land on lease, and in turn sub-lets it, making his income out of the difference between the rent he receives and the rent he has to pay.

Tables 4 and 5 show the occupations combined with agriculture where agriculture is the subsidiary (table 4) or the principal (table 5) occupation.

Table 6 shows for certain occupation groups the number of female workers.

Table 7 gives a comparison for the years 1901, 1911 and 1921 of the numbers returned as supported by the main occupations.

Table 8 shows the occupations returned by certain selected castes and for each occupation the proportion of female workers to male.

Table 9 compares for 1911 and 1921 the number of persons employed on railways, and in the irrigation, postal and telegraph departments, as reported by those departments.

6. As in 1911 the occupation returns obtained on the ordinary census schedules have been supplemented by a special industrial return obtained from the manager of each industrial establishment. The scope of this inquiry has, however, on this occasion, been extended; in 1911 an industrial establishment was defined as an establishment in which 20 persons were employed; in 1921 the definition was altered so as to cover establishments employing 10 persons and over. The managers of all these establishments were required to send in returns giving full particulars about the ownership and management of the business, the articles produced, the power employed, and the number, sex, age, caste, and birth-place of each employee, skilled and unskilled. These schedules were handled quite separately from the enumeration schedules used for the population census; they were distributed to the managers of the industrial establishments who were told to fill them up and have them ready by a certain date on which they would be collected. District Magistrates, and, in Madras, the Commissioner of the Corporation, were responsible for the service and collection of these schedules. The information obtained from them is tabulated in the seven parts of Imperial Table XXII, of which Part I is a provincial summary giving the number of establishments of each kind, with the number and nationality of the managing, supervising and clerical staff, and the number and sex of skilled and unskilled employees. Part II shows the distribution of the establishments by districts, giving the same information as Part I. Part III classifies the industries according to the nature of ownership, and the race or caste of the owners and managers. Part IV gives the caste or race and birth-place of skilled workmen; and Part V gives similar information for the unskilled. Part VI gives particulars of the power employed in industrial establishments. Part VII gives the number of looms in use in textile establishments. The material contained in these tables is presented in summary form in the last eight subsidiary tables.

The special  
industrial  
census

7. Mr. C. W. E. Cotton, C.I.E., I.C.S., the Director of Industries, has very kindly contributed a review of the industrial occupations of the Presidency, based on the statistics obtained by this special census, which will be found at the end of this chapter; in view of this exposition by an officer possessed of such intimate knowledge of the industrial affairs of the Presidency, I have refrained from any detailed discussion of the industrial occupations.

8. The accompanying diagram illustrates the general distribution of the population by occupation, and contrasts with it the distribution of the city population. Of every 100 persons in Madras, 71 are engaged in agriculture, 13 in industry (including mines and transport), 6 in trade, and 10 in all other occupations; for all India in 1911 the proportion was 71 per cent engaged in pasture and agriculture to 29 per cent engaged otherwise. Of the "other" occupations which support 10 per cent of the population the most important are pasture, fishing and hunting, public administration, professions and the liberal arts, each of which supports one per cent. A comparison of this distribution with that of 1911 shows that there has

General  
distribution of  
the population  
by occupation

| Number per cent of population supported by certain occupations. |     |     |     | 1921. | 1911. |
|-----------------------------------------------------------------|-----|-----|-----|-------|-------|
| Agriculture                                                     | ... | ... | ... | 71    | 70    |
| Industry (including mines and transport)                        | ... | ... | ... | 13    | 15    |
| Trade                                                           | ... | ... | ... | 6     | 6     |
| Professions                                                     | ... | ... | ... | 3     | 3     |
| Others                                                          | ... | ... | ... | 7     | 6     |



Diagram showing the general distribution of the population by occupation.



### Proportion of workers and dependants

**Class A.**  
**Production**  
**of raw**  
**materials.**  
**Sub-class I.**  
**Exploitation**  
**of animals**  
**and vege-**  
**tation.**  
**Order 1.**  
**Pasture and**  
**agriculture—**  
**(a) Ordinary**  
**cultivation**

### 9 Increase in agriculturists

**Proportion of  
landowners,  
tenants and  
labourers**

| Description.                | 1921. | 1911. | 1901. |
|-----------------------------|-------|-------|-------|
| Non-cultivating landowners. | 49    | 23    | 19    |
| Cultivating landowners ...  | 381   | 426   | 484   |
| Non-cultivating tenant ...  | 28    | 4     | 1     |
| Cultivating tenant ...      | 225   | 207   | 151   |
| Farm servant ...            | 109   | 340   | 345   |
| Field labourer ...          | 208   |       |       |

2 are cultivating tenants, and 1 is a non-cultivating rent-receiver or rent-payer. At the same time there is a tendency throughout the twenty years for cultivating landowners and labourers to lose ground to the cultivating tenant and the non-cultivating rent-receiver or rent-payer. Does this imply that the man who farms his own land is being forced to relinquish it to the non-cultivating money-lender for whom he will cultivate as a tenant? The indication is slight, but it deserves attention. The figures of 1921 bear a sufficiently close resemblance to those of 1901 and 1911 to warrant the conclusion that the returns have been accurately made, and that the classification has been correctly done. Special trouble was taken to ensure this end. Collectors were asked to prescribe for their districts the use of the current vernacular terms for each of the agricultural occupations; and these terms were communicated to the abstraction offices so that they might know for each district the exact significance of the vernacular expressions used in the schedules. If we consider the classification of all persons supported by



agriculture, dependants as well as workers, we find that the main distribution is the

*Distribution of 1,000 persons supported by agriculture.*

| Description.                  | 1921. | 1911. | 1901. |
|-------------------------------|-------|-------|-------|
| Non-cultivating landowner ... | 56    | 34    | 30    |
| Cultivating landowner ...     | 398   | 461   | 512   |
| Non cultivating tenant ...    | 32    | 6     | 2     |
| Cultivating tenant ...        | 240   | 225   | 167   |
| Farm servant ...              | 97    | 274   | 289   |
| Field labourer ...            | 177   |       |       |

*Actual workers per 1,000 supported by agricultural labour.*

|          |     |
|----------|-----|
| 1921 ... | 560 |
| 1911 ... | 649 |
| 1901 ... | 661 |

Adequacy of the supply of agricultural labour

13. A question of the first importance to Madras which is mainly dependent on agriculture is the sufficiency of the supply of agricultural labour. The census statistics by themselves do not throw much light on the subject; but by comparing the present proportion of labourers to landowners with that which obtained in 1911, we may get some notion how conditions are moving. In 1901 there were 270 working labourers for every 1,000 persons (workers and dependants) supported by the other agricultural occupations; in 1911 this proportion had fallen to 245; in 1921 it was only 212. There is no doubt that these figures reflect the great increase in emigration which we have seen occurring in the closing years of the decade. The figures will afford but cold comfort to those who see in emigration nothing beyond the fact that it denudes the district of its agricultural labour.

Conditions of agricultural labour

14. Casual agricultural labour is generally paid in grain, at the rate of 5 to 8 annas a day for a man or 3 to 4 annas for a woman. The farm servant is paid in a variety of ways; his condition varies from practical slavery to comparative independence; but such is the custom of the country that the master nearly always contrives to get his servant into his debt, and thus obtains a powerful hold over him in case he thinks of leaving his service. Sometimes these servants are paid a fixed annual quantity of grain; sometimes all they can claim is a specified share of the yield of their master's land; in other localities these methods are combined. Of late years labourers generally have begun to bestir themselves to secure better conditions; and this spirit has spread in some places even to that most conservative of men, the agricultural labourer. The labour of the East Coast has for a generation or more been in the habit of emigrating to Burma, Ceylon or the Straits whenever times were bad, or the master was more than usually troublesome; and in Tanjore district at any rate the labourers know well how to use the threat of emigration to extort better conditions from the master. Of late too the Government have started an organization to make a special study of labour and so far as may be possible to improve the conditions under which it works. Labour has learnt to assert itself and nothing that the master can do will ever succeed in driving it back to the squalid stupor from which it has just been roused.

Order 1 (b). Growers of special products and market gardening

15. Passing on from the "ordinary cultivator" we come to order 1 (b) which covers tea, coffee, etc., planters and their labour, and market gardeners. The number dependent on estates has risen from 37,379 in 1911 to 71,905 in 1921. The increase has occurred in Coimbatore and the Nilgiris; while there has been a loss of population in Salem and Malabar. New country has been opened up on the Anamalai Hills in Coimbatore and on the Nilgiris, which accounts for the increase in those districts. There has been a remarkable increase of market gardeners in Guntūr and Nellore, as also in South Arcot and Trichinopoly; while the number in Malabar and South Kanara as well as other districts has fallen. It is always difficult to get correct returns under these occupations; a man will call himself a cultivator and even if pressed by the enumerator will not admit that he

same as that of actual workers. The only noteworthy difference, as in 1911, is in the case of agricultural labour; though the proportion of workers has decreased since 1911, the proportion of persons supported remains unchanged. Among those supported by agricultural labour there has been a very large fall in the proportion of actual workers; and among the actual workers the number of women to every 1,000 men has fallen from 1,187 to 996. All these facts indicate an improvement in the conditions of the labouring class.

makes the greater part of his income by the cultivation of vegetables, fruit or flowers.

16. There is a slight decrease in forest officers, and wood-cutters; and a considerable decrease in the number whose occupation is the "raising of farm stock," the chief fall being in group 14 "Herdsman, etc." There are several groups which deal with persons concerned with cattle, namely, group 11 cattle breeding, 14 cattle tending, 70 making butter or ghee, 114 driving a cart, 133 selling butter, milk or ghee, and 146 cattle dealing or hiring. There is inevitably a certain confusion in these groups, for the various occupations are not clearly defined; the person who breeds cattle may himself make ghee and sell it, or he may put his cattle into a cart and drive or hire them out. The 1921 figures show an increase over those of 1911 in three of these groups, cattle breeding and the making and selling of butter; in the other groups there is a loss; and on the whole the loss is 73,000 or 10 per cent. There is, of course, a close alliance between these occupations and agriculture and it is more than likely that the deficiency under cattle has gone to one of the agricultural occupations. A decrease of about 12 per cent occurs in group 12—Sheep, goat and pig breeders, which may be ascribed to the same cause.

Order 1 (c). Forestry.  
Order 1 (d). Raising of farm stock

17. The raising of small animals is now shown as supporting 2,102 persons as against 327 in 1911; the principal occupation being the breeding and tending of silkworms in the districts of Salem and Coimbatore; birds and bees occupy a few people in Chingleput and Madura.

Order 1 (e). Raising of small animals

18. Order 2 contains those who live by fishing and hunting. Fishermen are liable to be confused with fish-curers (group 69) and fish dealers (group 131); more often than not it is the fisherman himself who both cures and sells the fish. Group 17—Fishermen—shows slightly more persons so employed in 1921 than in 1911; but in each of the other groups there is a great deficiency in 1921. The greatest variation in the district figures is in Tinnevely which now claims more than twice as many fishermen as it had in 1911.

Order 2. Fishing and hunting

19. Order 3—Mines—shows persons employed in the gold mines in Anantapur. The persons shown against Malabar are the dependants of persons working on the Kolar Gold Fields. There is a considerable fall in the number of persons employed in the gold mines in Anantapur, a matter which will be mentioned in the industrial part of the chapter.

Sub-class II. Exploitation of minerals.  
Order 3. Mines

20. Order 4—group 22—shows persons employed on mica in Nellore, on magnesite in Salem, etc. The persons shown against Chingleput and South Kanara are engaged in stone quarries, of which as a matter of fact there are some in every district, which give employment to far more persons than are shown in the table.

Order 4. Quarries of hard rocks

21. The principal occupation included under order 5 is the manufacture of salt carried on under the auspices of the Salt department of the Local Government. Here again the table is far from complete. In the margin are given figures obtained from the Salt department, from which it will be seen that salt is manufactured in every district on the East Coast.

Order 5. Salt, etc.

| District.       | Number of factories. | Number of persons employed. |
|-----------------|----------------------|-----------------------------|
| Ganjām ...      | 7                    | 775                         |
| Vizagapatam ... | 6                    | 1,444                       |
| Godāvari ...    | 2                    | 311                         |
| Kistna ...      | 5                    | 2,231                       |
| Guntūr ...      | 4                    | 1,749                       |
| Nellore ...     | 7                    | 1,628                       |
| Chingleput ...  | 8                    | 4,539                       |
| South Arcot ... | 5                    | 1,499                       |
| Tanjore ...     | 10                   | 5,118                       |
| Rāmnād ...      | 5                    | 174                         |
| Tinnevely ...   | 12                   | 1,560                       |
| Total ...       | 71                   | 21,023                      |

Table XVII shows no person at all against the districts of Godāvari, Kistna, Guntūr, Nellore and Rāmnād, and against the other districts a number far smaller than that given by the department. The reason apparently is that practically all these men are unskilled labourers, who must have been returned at the census as labourers unspecified.

**Class B.**  
**Preparation**  
**and supply**  
**of material**  
**substances.**  
**Sub-class III.**  
**Industry**

22. Sub-class III deals with industries; it is divided into thirteen orders and 87 groups. The number of persons supported by industrial occupations has fallen from 5,591,058 in 1911 to 4,812,771 in 1921; of the industrial population in 1921 the actual workers number 2,219,497. The population supported and the actual workers are distributed among the various industries as shown in the margin.

| Number per mille of industrial population dependent on | Persons supported. | Actual workers. |
|--------------------------------------------------------|--------------------|-----------------|
| Textiles ... ..                                        | 234                | 240             |
| Hides, skins, etc. ... ..                              | 15                 | 14              |
| Wood ... ..                                            | 105                | 94              |
| Metal ... ..                                           | 38                 | 29              |
| Ceramics ... ..                                        | 47                 | 49              |
| Chemical products ... ..                               | 10                 | 9               |
| Food industries ... ..                                 | 113                | 104             |
| Industries of dress, etc. ... ..                       | 223                | 257             |
| Furniture industries ... ..                            | 1                  | 4               |
| Building do. ... ..                                    | 119                | 126             |
| Construction of means of transport ... ..              | 1                  | 1               |
| Production and transmission of physical forces ... ..  | 1                  | 1               |
| Other miscellaneous industries.                        | 90                 | 75              |

In these groups are included alike the persons engaged in organized industries such as cotton mills, ammunition works and tile factories, and the village artisan following his traditional calling in the manner handed down from former generations.

23. From Imperial Table XXII we find that the number of persons engaged in industrial establishment employing ten persons and over is only 177,539 or 8 per cent of the population returned as actual workers on industrial occupations. We have seen that only 13 in every 100 of the population are supported by industry generally; and when it is shown that even of this 13 per cent the workers in organized industries form an insignificant minority it is clear that the Presidency of Madras can make no claim to any prominence in matters industrial. On this point Mr. Cotton has more to say in his part of the chapter.

**Sub-class IV.**  
**Transport**

24. Sub-class IV includes persons employed on transport; it contains five orders dealing with transport by air, water, road and rail, and with post office, telegraph and telephone services. No persons were employed on transport by air. Under transport by water are included persons employed in the Madras Harbour, sailors enumerated in ships round the coast, persons engaged on canal transport, and boatmen. Transport by road covers persons employed on the construction and maintenance of roads and bridges, persons employed on mechanically driven vehicles, including trams and motors, cartmen, palki-bearers and rickshaw-pullers, persons connected with pack animals, and finally porters and messengers. All railway employees are included in order 22—labour in group 119 and all others in group 118.

25. Railway employees have increased by 25 per cent; and there has also been an increase in the number of persons employed on streams, canals, etc., and in the number of palki-bearers and rickshaw-pullers; there has been a slight increase in the quantity of labour employed on roads and bridges; but on transport by water and transport by road generally there is a distinct fall.

**Sub-class V.**  
**Trade**

26. Trade supports about  $2\frac{3}{4}$  millions of the population of the Presidency. Of these nearly half are supported by trade in foodstuffs, and about another quarter fall under the head of general store and sundry bazaar-keepers or shop-keepers otherwise unspecified. The order is divided into 34 groups according to the article in which trade is carried on. But in each group there is a great variety of occupation; for example, group 121 includes as bankers persons employed in the big European banks, Indian financiers like the Mārwaris or the Nāttukkōttai Chettis, and the village money-lender. The classification is made entirely according to the article in which a person trades, and the methods and extent of his business are entirely ignored.

**Internal**  
**trade**

27. Of the business done by the big commercial houses in Madras nothing need be said; it is the business familiar all the world over. An attempt has, however, been made to collect information regarding the nature of the trade done in the smaller towns and villages of the Presidency. The residents of villages and the smaller country towns have two alternative methods of supplying their modest requirements. They may either attend the nearest weekly market or they may purchase what they need from the village shop. I am indebted to Collectors of several districts for full and interesting descriptions of the town and village shop, the stock held, the methods of doing business, the accounts kept,

and the normal profits earned. Conditions are apparently the same in all parts of the Presidency. It is only in towns that the shops specialize in particular articles; in the smaller villages there is as a rule only one shop which sells everything that the villager is likely to want, from grain to kerosene-oil, and from salt to cheroots. Prices generally are regulated by custom and so are profits. In the more backward parts of the Presidency barter is not unknown.

28. Except in the districts of Guntūr, Nellore and Malabar periodical markets play a very important part in the collection and distribution of local produce and in bringing within the reach of the rural consumer necessities or luxuries otherwise procurable only in towns. The market, in fact, serves the same purpose for the rural area as a number of specialized shops do in towns. These markets are held at convenient distances to serve a group of villages and the days are so arranged that the same men may, as they often do, go on from the one market to another, purchasing and selling. The attendance varies with the importance of the market, and may range from 300 to 30,000.

29. Markets are held once a week but the number of hours varies in different places. Almost every important market lasts for a whole day, from 6 or 7 a.m. to 6 or 7 p.m.; but the smaller ones last from 3 to 5 hours, mostly in the afternoon. Prices are higher in the earlier hours of the market than in the later, and when the produce first comes to the market than at the time when in a favourable season the new year's fresh stocks are expected. Subject to these limitations prices are still to a large extent regulated by custom and this is almost always the case with articles like pots, coarse cloth, etc., which are brought to the market direct by the producer.

30. Profits are variously estimated in various places, but about 1 to 2 annas in the rupee seems to be the normal; profit on cattle rises sometimes to 25 per cent. In the smaller markets profits appear to be a little higher than in the larger, and retail sale usually brings in a larger return to the vendor than wholesale.

31. Retail sale is the rule, but in the larger collecting centres merchants purchase articles wholesale. Retail sale is, save in exceptional cases, for cash; in wholesale transactions, credit is allowed. Barter is reported to prevail in a few areas in Ganjām, Bellary, Coimbatore, Rāmnād and the Nilgiris; and bulls are reported to be exchanged in Chingleput and South Arcot districts.

32. The commodities brought to the markets include everything necessary for daily life and also luxuries. A large part of it is local produce, but produce of other districts, especially cattle, are sent long distances when they command a large sale.

33. Grain is brought in by the poorer ryot, the agent of the bigger ryot, or a mere trader. Vegetables, fruit and leaves are almost always brought by the grower; so also pots, coarse cloth, etc., by the maker; groceries and such things are usually brought in by the merchant; cattle, more often than not, by an agent; fresh fish, etc., by the fisherman, but dried fish by the merchant. Trade agents or brokers are employed in a few markets; but they are invariably employed for the sale of cattle. Cattle brokers are paid either by a commission on the sale value or at a fixed rate per head of cattle sold through them.

34. The average area served by a market and the income derived by local boards from them in certain districts are shown below:—

| District.           | Area in square miles. | Number of markets. | Amount of income derived by the local board. | Average area served by a market. | Average income derived from a market. |
|---------------------|-----------------------|--------------------|----------------------------------------------|----------------------------------|---------------------------------------|
|                     |                       |                    | RS.                                          | SQ. MILES.                       | RS.                                   |
| Gōdāvari ... ..     | 2,545                 | 49                 | 37,821                                       | 52                               | 772                                   |
| Kistna ... ..       | 5,907                 | 63                 | 23,116                                       | 94                               | 367                                   |
| Bellary ... ..      | 5,713                 | 50                 | 10,984                                       | 114                              | 220                                   |
| North Arcot ... ..  | 4,954                 | 58                 | 18,732                                       | 85                               | 323                                   |
| Coimbatore ... ..   | 7,225                 | 78                 | 61,054                                       | 93                               | 783                                   |
| Rāmnād ... ..       | 4,838                 | 55                 | 12,745                                       | 88                               | 232                                   |
| South Kanara ... .. | 4,021                 | 30                 | 5,376                                        | 134                              | 179                                   |

35. In addition to these markets held once a week, annual fairs and especially cattle fairs are held in various places of pilgrimage of local or general repute. The Madura and Tiruppūr fairs are the most important instances; but there are many others. A report has been received of a special market for the employees in the railway workshops at Perambūr near Madras. This market is held once a month on the day when the men get their pay. Provisions, etc., are taken out to the market from Madras and are sold for cash at rates which bring the sellers a profit of 12 per cent. Report says that the market is patronized by no one except the employees in the workshops, because of the high prices which are obtained.

36. During the decade the number of persons engaged in the pursuit of commerce has fallen by 0.6 per cent. There is a large increase in group 152, general store-keepers and shop-keepers otherwise unspecified, which has of course to be distributed over the other groups which deal with specific trades, so that it is impossible to account for the slight fall in the total commercial population. From subsidiary table 3, we see the proportion of the population of each district engaged in trade. The figures for the districts with the largest commercial population are shown in the margin. The great fall in Madras is due to the increase of persons returned in group

Number per 1,000 supported by commerce.

|                     | 1921. | 1911. |
|---------------------|-------|-------|
| Madras ... ..       | 196   | 294   |
| Malabar ... ..      | 102   | 122   |
| South Kanara ... .. | 85    | 78    |
| Nellore ... ..      | 84    | 84    |
| Rāmnād ... ..       | 81    | 105   |

184—business men unspecified. In Rāmnād the fall under commerce is made up by a gain under agriculture.

37. Sub-class VI—Public Force—has four orders for the Army, the Navy, the Air Force and the Police. Madras has no person shown under the Air Force; the Imperial Army has fallen by 25 per cent, the Police by 10 per cent, and village watchmen by 31 per cent. The fall in the strength of the Army is due to the abolition or reduction of the gar-

| District.           | Police—Actual workers. |
|---------------------|------------------------|
|                     | 1921. 1911.            |
| Agency ... ..       | 461 1,675              |
| Vizagapatam ... ..  | 1,502 2,015            |
| Chittoor ... ..     | 1,133 1,773            |
| Trichinopoly ... .. | 1,871 1,182            |
| Ganjām ... ..       | 1,759 1,265            |
| Malabar ... ..      | 2,681 1,746            |

districts in which they rose by more than 500 during the decade. In the case of

| District.           | Village watchmen—Actual workers. |
|---------------------|----------------------------------|
|                     | 1921. 1911.                      |
| Agency ... ..       | 532 1,274                        |
| Ganjām ... ..       | 1,002 3,952                      |
| Vizagapatam ... ..  | 245 1,241                        |
| Gōdāvari ... ..     | 689 1,291                        |
| Chittoor ... ..     | 614 1,215                        |
| North Arcot ... ..  | 1,324 1,813                      |
| Tanjore ... ..      | 1,983 2,488                      |
| Trichinopoly ... .. | 1,058 2,344                      |
| Coimbatore ... ..   | 1,549 993                        |
| South Arcot ... ..  | 1,620 1,030                      |
| South Kanara ... .. | 798 4                            |

lessness in classification, be due to the increase in group 164—"Village officials and servants other than watchmen"; but in the other districts this explanation is of no avail.

38. Sub-class VII contains four groups 161—Service of the State: 162—Service of Indian and Foreign States: 163—Municipal and other Local service: 164—Village service. In this order there has been a fall of 9 per cent, shared by all groups except the last whose numbers have risen by 4 per cent. Government service has lost 11½ per cent; Municipal and Local service 21 per cent; and the service of Indian and Foreign States (whose number is of course very small) has lost no less than 83 per cent of its 1911 population.

Class C.  
Public Administration and  
Liberal Arts.  
Sub-class VI.  
Public Force

Sub-class VII.  
Public Administration

39. From Sub-class VIII—Professions and Liberal Arts—we learn that there has been a fall of 25 per cent in Order 46—Religion, a fall of 6 per cent in Order 47—Law, an increase of 2 per cent in Medicine, a fall of 12 per cent in persons supported by Instruction and a fall of 6½ per cent in Letters and Arts and Sciences. Under Religion, there are 13,000 fewer priests, 43,000 less engaged on temple service, 5,000 fewer catechists and mission servants, and 3,000 fewer religious mendicants. The decrease occurs in several districts, and is perhaps most striking in Ganjām, Guntūr, Anantapur, Chittoor and Trichinopoly. The number of lawyers has increased, while their clerks are fewer by 15½ per cent. It is perhaps worth remark that the actual workers among lawyers have risen by no less than 34 per cent, while dependants remain practically the same.

40. In Medicine—Order 48—we find a decrease of 4 per cent under medical men, and an increase of as much as 35½ per cent under their assistants. It must be remembered that in group 171 are included not only qualified graduates of a Medical College but also the ignorant and superstitious quack. And similarly there is no means of knowing how far the increase in group 172 represents an increase of trained nurses, compounders and so forth, or whether it means that a larger number of barbers' wives have returned themselves as midwives. The districts in which there is the greatest fall in the number of doctors are Anantapur and Trichinopoly, while the increase in nurses, etc., is greatest in Coimbatore, Tanjore, Madura and Tinnevely.

41. Next come the groups in Order 49—Instruction; the number of persons supported by these occupations has fallen by 12 per cent though in actual workers the fall is only 5 per cent. The fall is most noticeable in South Arcot, Tanjore, Tinnevely and Malabar, which are the last districts in which a fall in the number of schoolmasters would naturally be expected. It must, however, be remembered that as in the case of the medical profession, so in these groups the modern product of a university rubs shoulders with the master in a pial school.

42. The remaining professions and arts are included in Order 50 which contains seven groups. Architects, surveyors and engineers have lost nearly 4,000 out of 27,200; music has lost 5,800 out of 81,800; in fact all groups in the order have lost, and the order as a whole supports 6½ per cent fewer persons than in 1911.

43. There has been a fall of 21 per cent in the number of persons with independent means, chiefly in the districts of Trichinopoly and North Arcot.

44. Domestic service maintains 14,000 or 7 per cent fewer people than in 1911; the number of grooms and coachmen has fallen by 37½ per cent and the 6,000 private motor drivers do not quite make up the loss. The loss is distributed over most districts and in all probability represents a preference on the part of domestic servants to return an occupation, such as agriculture, other than their real one rather than an actual shortage of servants or a change in the habits of the people.

45. The 1911 census saw an increase of 125 per cent in the number of those supported by "insufficiently described occupations." At the 1921 census there is a still further increase of 38 per cent. The number classified in this order is now over 2,100,000. The increase is abnormally high in Vizagapatam, Kistna, Anantapur, North Arcot and Salem. There is, however, a satisfactory decrease in Trichinopoly and South Kanara districts. It cannot be necessary for so many as 2,000,000 persons to be described as owing their livelihood to one of these vague terms, and special efforts should be made at the next census to get other districts to follow the good example set this time by Trichinopoly and South Kanara, and to reduce, if not to eliminate altogether, the entries under these groups.

Sub-class VIII.  
Professions  
and Liberal  
Arts

Class D. Miscellaneous.  
Sub-class IX.  
Persons living on their income

Sub-class X.  
Domestic service

Sub-class XI.  
Insufficiently described occupations



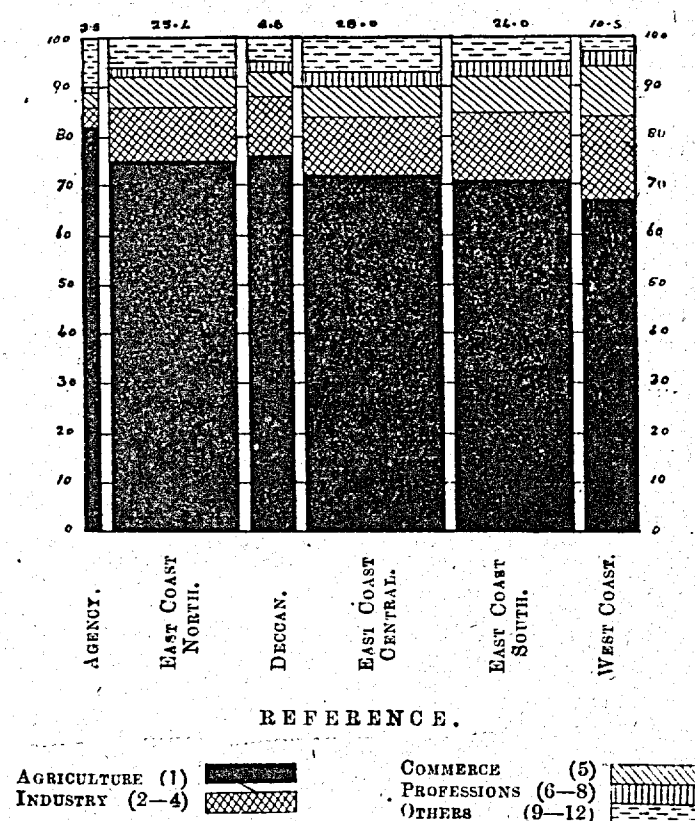
Sub-class XII.  
Unproductive

46. Finally, we have the "unproductive" who are fewer now by 25 per cent than in 1911. Inmates of jails, asylums and almshouses have fallen by 1 per cent, while beggars and prostitutes have fallen by 26½ per cent.

Occupation  
by natural  
division

47. The accompanying diagram based on subsidiary table 3 shows for each natural division the proportion of the population dependent on agriculture, industry, commerce, professions and other occupations. The figures for the province as a whole are given in the margin. The variation under agriculture has been discussed above; the "other" occupations in which there has been an increase are the insufficiently described occupations.

Diagram showing the distribution of the population by occupation (classes) in natural divisions.



Note.—The base of each rectangle is proportional to the total population of the province. The height shows the percentage of the population which is employed on each class of occupation.

## The Agency

48. In the Agency division the proportion of persons supported by agriculture is considerably higher than in any other division or in the province as a whole; and there is a corresponding shortage in the proportion of those living by industry, commerce and the professions. It will be observed from the figures in the margin that there has been a fall in the past decade in the proportion of the population supported by agriculture, industry and commerce, while there has been a considerable increase in the number who live by the professions or by "other" occupations. The increase under "other" occupations is almost entirely in the insufficiently described occupations under which head the numbers

Number per 1,000 supported by

|                                              | 1921. | 1911. |
|----------------------------------------------|-------|-------|
| Agriculture ...                              | 804   | 815   |
| Industry (including mines and transport) ... | 37    | 53    |
| Commerce ...                                 | 30    | 40    |
| Professions ...                              | 9     | 4     |
| Others ...                                   | 120   | 88    |

have increased from 82,000 to 148,000. Practically the whole of this increase is in the group "labourers and workmen, otherwise unspecified."

49. Passing on to the East Coast North division the proportions are as shown in the margin. It will be observed that these figures approximate much more closely to those of the Presidency. It will also be noticed that the districts of Vizagapatam and Kistna are exceptions to the rule that agriculture supports now a larger proportion of the population than in 1911. In

Number per 1,000 supported by

|                 | 1921. | 1911. |
|-----------------|-------|-------|
| Agriculture ... | 725   | 696   |
| Industry ...    | 114   | 138   |
| Commerce ...    | 81    | 78    |
| Professions ... | 20    | 13    |
| Others ...      | 80    | 75    |

1911, 724 out of every 1,000 persons in Vizagapatam and 721 in Kistna were supported by agriculture. The figures of this census are 691 and 673, whereas in Ganjam, Gōdāvari and Guntūr the proportion of those supported by agriculture has risen from 687, 665 and 696 to 781, 767 and 777. In Nellore there has been hardly any change in the proportion of the population supported by agriculture. Kistna again proves an exception to the rule that the proportion supported by industry has fallen. In 1911, 135 persons in every 1,000 in the Kistna district were supported by industry. The proportion in 1921 is 145. The greatest fall has been in Ganjam, but Guntūr, Gōdāvari and Vizagapatam all return a considerably smaller proportion of their population supported by industry than was the case in 1911. Kistna again is the only district in the division which now has a larger proportion of the population supported by commerce than in 1911. The proportion in Nellore is exactly the same at the two censuses; but in the other four districts of the division there has been a distinct falling off on the part of the commercial population. With regard to professions the districts differ from each other very much. Gōdāvari, Kistna and Guntūr more or less follow the fortunes of the division as a whole. In Ganjam the proportion of professional men is exactly the same in 1921 as it was in 1911. Vizagapatam returns show a fall from 67 per mille in 1911 to 13 in 1921, while Nellore shows an increase from 10 per mille in 1911 to 25 in 1921.

50. The cities of Rajahmundry and Cocanada are situated in this division. As is natural, the distribution of the population by occupations in these cities is very different from the distribution in the districts. Agriculture supports only 286 people per mille in Rajahmundry and 319 in Cocanada. Rajahmundry returns 198 and Cocanada 182 per mille as maintained by industries. Commerce supports 169 in Rajahmundry and 212 in Cocanada; and the professions support in Rajahmundry 87, and in Cocanada 116 out of every 1,000 persons. Rajahmundry shows 260 under other occupations as against 171 in Cocanada.

51. In the Deccan considerably more people are supported by agriculture than the Presidency average, and the proportion has increased considerably in the past

Number per 1,000 supported by

|                 | 1921. | 1911. |
|-----------------|-------|-------|
| Agriculture ... | 746   | 719   |
| Industry ...    | 116   | 136   |
| Commerce ...    | 54    | 63    |
| Professions ... | 23    | 9     |
| Others ...      | 61    | 73    |

decade. There has been a corresponding decrease in those supported by industry, by commerce, and by other occupations. Professional men on the other hand show an increase, the proportion having risen from 9 per mille in 1911 to 23 in 1921. There is no great variation in the four districts, though Bellary has a considerably higher proportion of agriculturists than the other districts and a corresponding shortage in those supported by industry; but the figures for the State of Banganapalle are quite different from those of the rest of the Deccan. Only 549 per mille are shown as supported by agriculture, 122 by industries, 88 by commerce, 8 by professions, and 233 by other occupations. These other occupations are in almost every case "labourers and workmen, otherwise unspecified," of whom there are now no less than 7,463 against 351 in 1911. Kurnool district is an exception to the rule that the proportion of the population supported by industry has declined since



1911 when 113 people in a thousand were supported by industry; the proportion in 1921 is 120. In all other districts and States there has been a decrease. In commerce there has been a fall in Bellary, Anantapur and Sandūr; while in Cuddapah the proportion has risen from 58 to 62 per mille; the most considerable fall is in Anantapur district where the proportion has dropped from 75 to 43. The proportion shown under professions in 1911 was remarkably low, being less than 10 per mille in each district. In 1921 the proportion in three of the districts is just below the Presidency average, while in Bellary the proportion has risen from 9 per mille in 1911 to 28 in 1921.

Bellary city

52. The only city in this division is Bellary where the returns show that of every 1,000 persons 263 are supported by agriculture, 265 by industry, 165 by trade, 141 by professions, and 166 by other occupations. The proportion of professional men is higher than in any city of the Presidency except Tanjore, Mangalore and Kumbakōnam, all professions being well represented in the city of Bellary.

East Coast Central

53. In the East Coast Central division the principal variation in the decade is

| Number per 1,000 supported by |     |     | 1921. | 1911. |
|-------------------------------|-----|-----|-------|-------|
| Agriculture                   | ... | ... | 70½   | 698   |
| Industry                      | ... | ... | 120   | 132   |
| Commerce                      | ... | ... | 60    | 76    |
| Professions                   | ... | ... | 28    | 16    |
| Others                        | ... | ... | 90    | 78    |

a fall in the proportion of those supported by commerce and industry and an increase in the proportion supported by other occupations. The increase in the number of those supported by agriculture is small and the proportion of agriculturists is still below the Presidency average. This is not surprising; for the East Coast Central division contains the city of Madras in which only 39 per mille of the inhabitants are supported by agriculture. This division also contains the district of South Arcot which is the most purely agricultural district of the Presidency, as many as 821 of every 1,000 inhabitants deriving their livelihood from the land. The proportion of agriculture is lowest, after Madras, in Coimbatore where again there is a very large increase in the number returned as labourers unspecified. The proportion supported by industry in the city of Madras has risen from 271 to 370. There is also a slight increase in Chittoor and South Arcot but in the other districts the proportion has fallen, the principal fall being in Coimbatore where it has gone down from 176 to 123 per mille. The loss is considerable in Salem and North Arcot and trifling in Chingleput. Of those supported by commerce the proportion in Madras has fallen from 294 to 196 per mille, the reason apparently being a large increase in the number of those returned as business men unspecified. The proportion of the population supported by professional occupations has practically doubled in Madras, Chingleput and Salem; and there is no district in which there has not been a considerable increase.

Cities

54. The cities included in this division are Madras, Coimbatore, Conjeeveram, Salem, Cuddalore and Vellore, for which the statistics are as shown below:—

| Number per 1,000 supported by | Madras. | Coimbatore. | Conjeeveram. | Salem. | Cuddalore. | Vellore. |
|-------------------------------|---------|-------------|--------------|--------|------------|----------|
| Agriculture                   | 39      | 398         | 178          | 655    | 453        | 229      |
| Industry                      | 370     | 198         | 512          | 134    | 125        | 226      |
| Commerce                      | 196     | 139         | 156          | 178    | 152        | 263      |
| Professions                   | 124     | 75          | 86           | 24     | 44         | 97       |
| Others                        | 271     | 190         | 68           | 49     | 226        | 185      |

55. Salem and Cuddalore were mentioned in the 1911 census report as typical of the "overgrown village" type of city and the reference is justified to some extent by the fact that these two cities both contain a large proportion of agriculturists. In Salem as many as 655 per mille depend on agriculture and for Cuddalore the proportion is 453. More than half the population of Conjeeveram is maintained by industry—chiefly weaving—a proportion which is not approached in any other city except Madras where 499 persons out of 1,000 are supported by industries.

56. The proportions in this division differ considerably from those in any other natural division, and the variations between 1911 and 1921 are more considerable in this division than in any other.

| Number per 1,000 supported by |     |     | 1921. | 1911. |
|-------------------------------|-----|-----|-------|-------|
| Agriculture                   | ... | ... | 695   | 658   |
| Industry                      | ... | ... | 139   | 135   |
| Commerce                      | ... | ... | 67    | 86    |
| Professions                   | ... | ... | 28    | 21    |
| Others                        | ... | ... | 71    | 100   |

The proportion of those engaged in agriculture has increased and there has been a considerable decrease in the proportion supported both by commerce and by "other" occupations. Going to the figures for the districts we find that the increase in the proportion of agriculturists has occurred in every district except Madura. The increase is most considerable in Tanjore and least in Tinnevely which has a remarkably low agricultural population only 587 per mille of the inhabitants deriving their support from agriculture. In every district except Rāmnād and Tinnevely the industrial population has increased. The increase is most considerable in Trichinopoly. Under commerce there is a striking variation in the population of Tanjore district; in 1911, 106 in every 1,000 persons depended upon commerce; the proportion has now fallen to 64. In Rāmnād also there has been a considerable falling off from 105 persons per mille in 1911 to 81 in 1921. Professions occupy a particularly large number of persons in the district of Tanjore.

57. There are 6 cities in this natural division, Madura, Trichinopoly, Kumbakōnam, Tanjore, Negapatam and Tinnevely in none of which is there anything unusual in the distribution of the population by occupations.

| Number per 1,000 supported by | Madura. | Trichinopoly. | Kumbakōnam. | Tanjore. | Negapatam. | Tinnevely. |
|-------------------------------|---------|---------------|-------------|----------|------------|------------|
| Agriculture                   | 138     | 148           | 220         | 194      | 174        | 256        |
| Industry                      | 499     | 392           | 258         | 283      | 381        | 308        |
| Commerce                      | 138     | 215           | 244         | 155      | 166        | 125        |
| Professions                   | 93      | 113           | 146         | 163      | 76         | 37         |
| Others                        | 132     | 132           | 132         | 205      | 203        | 276        |

58. In the West Coast division the proportion supported by agriculture, industry and professions has increased while the number supported by other occupations has gone down. The proportion of agriculturists is lower in this division than in any other part of the Presidency.

| Number per 1,000 supported by |     |     | 1921. | 1911. |
|-------------------------------|-----|-----|-------|-------|
| Agriculture                   | ... | ... | 644   | 633   |
| Industry                      | ... | ... | 173   | 156   |
| Commerce                      | ... | ... | 96    | 109   |
| Professions                   | ... | ... | 36    | 28    |
| Others                        | ... | ... | 51    | 74    |

The increase in agriculturists occurs in every district and is most noticeable in Malabar. The increase under industry occurs in every district and is practically uniform. The fall under commerce occurs in every district except South Kanara where there is a small increase. The proportion of professional men in the Nilgiris has nearly trebled while there is a slight increase in Malabar and South Kanara.

59. The cities in this division are Calicut and Mangalore; both are considerable industrial centres, 346 per mille in Calicut and 319 in Mangalore being supported by industrial occupations. The other figures call for no special comment.

| Number per mille supported by |     |     | Calicut. | Mangalore. |
|-------------------------------|-----|-----|----------|------------|
| Agriculture                   | ... | ... | 97       | 171        |
| Industry                      | ... | ... | 346      | 319        |
| Commerce                      | ... | ... | 231      | 213        |
| Professions                   | ... | ... | 113      | 161        |
| Others                        | ... | ... | 213      | 136        |

60. Imperial Table XVIII gives the subsidiary occupations of agriculturists and Imperial Table XIX the subsidiary occupations returned by those whose principal occupation is not agriculture. The gist of Table XVIII is contained in subsidiary table 5, while subsidiary table 4 shows the principal occupations of persons who returned agriculture as

Number per 10,000 who returned a subsidiary occupation.

|                           | 1921. | 1911. |
|---------------------------|-------|-------|
| Rent receivers—landowners | 653   | 2,788 |
| tenants                   | 719   | 1,993 |
| Cultivators—landowners    | 437   | 1,229 |
| tenants                   | 463   | 1,212 |
| Labourers                 | 227   | 318   |

East Coast South

Cities

West Coast

Cities

Subsidiary occupations

their subsidiary occupation. The first point which arrests attention is the striking fall in the number of those who have returned a subsidiary occupation. Taking first those who have returned agriculture as the principal occupation, we see from subsidiary table 5 that there has been a very great reduction among all sorts of agriculturists except labourers, and even among them the fall is considerable. There is no doubt that a large number of people who in 1911 returned their traditional occupation as the principal occupation and agriculture as subsidiary, have at this census returned agriculture as the main occupation and suppressed the traditional occupation altogether. The same condition is to be seen from a study of subsidiary table 4 and a comparison of it with the corresponding table of 1911. In 1921, 75 in 10,000 of the actual workers whose principal occupation was not agriculture returned an agricultural subsidiary occupation. In 1911 the proportion was 279 in 10,000; the figures for the

*Number per 10,000 who are partially agriculturists.*

|                           | 1921. | 1911. | Percentage of variation. |
|---------------------------|-------|-------|--------------------------|
| Agency ... ..             | 6     | 133   | -95.5                    |
| East Coast North ... ..   | 88    | 415   | -78.8                    |
| Deccan ... ..             | 106   | 359   | -70.5                    |
| East Coast Central ... .. | 32    | 233   | -86.3                    |
| East Coast South ... ..   | 116   | 220   | -47.3                    |
| West Coast ... ..         | 57    | 172   | -68.0                    |

natural divisions are compared in the margin. The fall is less than 50 per cent only in one division—the East Coast South. It is between 50 and 75 per cent in the West Coast and Deccan divisions, and between 75 and 100 per cent in the East Coast North, East Coast Central and Agency divisions.

**Agriculture as a subsidiary occupation**

61. From the statement below it will be seen that agriculture is returned as a subsidiary occupation in the East Coast South and in the Deccan divisions more than in other parts of the Presidency, and that taking the Presidency as a whole it is commonest among those whose principal occupation is public administration or a profession. Each natural division, however, has its own peculiarity. In the Agency there are very few persons who return agriculture as a subsidiary occupation and of those who do most return an industry as the main occupation. In the East Coast North the largest number return a profession as the main occupation, but industry, public administration, and independent means are not far behind. In the Deccan, as in the East Coast South, a large number of those who supplement their principal occupation with agriculture are domestic servants; in the Deccan persons of independent means come next, closely followed by professional persons, industrial workers, persons engaged in public administration and transport workers; in the East Coast South persons engaged in public administration are the most numerous after domestic servants, and then come persons of independent means, members of the public forces, professions and traders. In the East Coast Central division the number of persons who return agriculture as a secondary occupation is very low, and of them the majority belong to the professions or to the public forces. On the West Coast the majority are principally engaged in public administration or a profession.

*Number per 10,000 actual workers who are partially agriculturists.*

| Principal occupation,        | Madras. | Agency. | East Coast North. | Deccan. | East Coast Central. | East Coast South. | West Coast. |
|------------------------------|---------|---------|-------------------|---------|---------------------|-------------------|-------------|
| All occupations ... ..       | 75      | 6       | 88                | 108     | 32                  | 116               | 57          |
| Market-gardening ... ..      | 51      | ...     | 324               | 56      | 22                  | 64                | 51          |
| Tending of animals ... ..    | 168     | 30      | 171               | 298     | 62                  | 301               | 22          |
| Industry ... ..              | 312     | 106     | 453               | 554     | 147                 | 350               | 169         |
| Transport ... ..             | 168     | ...     | 148               | 532     | 57                  | 250               | 105         |
| Trade ... ..                 | 313     | 19      | 354               | 320     | 111                 | 569               | 198         |
| Public force ... ..          | 289     | 58      | 232               | 179     | 215                 | 587               | 60          |
| Public administration ... .. | 477     | 12      | 412               | 534     | 199                 | 855               | 572         |
| Professions ... ..           | 417     | 27      | 493               | 565     | 235                 | 570               | 307         |
| Independent means ... ..     | 302     | ...     | 404               | 569     | 132                 | 705               | 81          |
| Domestic service ... ..      | 362     | 6       | 148               | 1,071   | 26                  | 1,242             | 44          |

62. Turning now to occupations combined with agriculture where agriculture is the principal occupation, we find that in every case the majority have returned as their subsidiary occupation some other form of agricultural occupation, next come traders, and then, as is natural, a difference manifests itself between the various classes of agriculturists. Among landowners, the most common subsidiary occupations after trade are religion, money-lending and dealing in grain, wood or metal industry; the washing of clothes and miscellaneous labour; among tenants, we find general labour, religion, wood or metal industry, money-lending and grain dealing, public service, and textile industry; among cultivators and labourers alike, we find miscellaneous labour, wood and metal industry, cattle breeding and textile industries.

**Subsidiary occupations of agriculturists**

63. From subsidiary table 6 we see that 7,565,555 women out of the female population of 21,693,997 are engaged in some occupation. Of every 1,000 women workers 750 are employed in cultivation, 90 in industry, 52 in trade, 72 in occupations insufficiently described, and 36 in other occupations. Of the agriculturists 313 in every 1,000 are cultivating landowners, 295 are field labourers, 209 are cultivating tenants, 111 are farm servants, 45 are non-cultivating landowners, and 27 are non-cultivating tenants. In 1911, 746 women in every 1,000 workers in British territory were employed on agriculture, and of this number, 447 were labourers or farm servants, 532 were cultivating landlords or tenants. There is little difference between the figures of 1911 and those of the present census.

**Occupations of women**

64. The general feature of the 1921 census is an almost universal reduction in the proportion of women who work. In three only of the 12 sub-classes has there been an increase in the proportion of women workers and these three are mining, transport and professions. The women who work in mines are practically all employed in the mica industry in Nellore. The women who work at transport are (1) labour employed on roads and bridges; (2) owners of carts; (3) porters and messengers; and (4) railway labour. Those who depend on professions are supported by religion, medicine, teaching and music. But the actual numbers employed on all these professions are very small. The actual number of women employed has fallen by 813,823 or 9.7 per cent and in 1921 only 585 women were working for every 1,000 males as against 648 in 1911.

**Fewer women workers**

65. After cultivation the principal occupations which afford women a livelihood are trade in food, industries of dress and the toilet, textile industries and building industries. These occupations absorb 6½ millions of the 7½ million women workers and of the remaining million more than half come under the head of insufficiently defined occupations. An examination of each of these occupations in detail may indicate the direction in which women's work tends to develop.

**Chief occupations at which women work**

*Number of female actual workers.*

| Occupation.                         | 1921.     | 1911.     | Variation per cent. |
|-------------------------------------|-----------|-----------|---------------------|
| Rent receivers—landowners.          | 254,463   | 112,973   | + 125.2             |
| "    tenants ... ..                 | 150,604   | 17,617    | + 754.9             |
| Cultivators—landowners ... ..       | 1,774,466 | 2,264,228 | - 21.6              |
| "    tenants ... ..                 | 1,188,219 | 1,104,904 | - 7.5               |
| Labourers ... ..                    | 2,306,394 | 2,760,380 | - 16.4              |
| Tea, etc., estates ... ..           | 17,347    | 9,723     | + 78.4              |
| Fruit, flower, etc., growers ... .. | 11,692    | 8,874     | + 31.8              |

66. The figures for the agricultural occupations are given in the margin. There has been a very considerable increase in the number of landlords and tenants, who lease their land for cultivation to others, and a considerable decrease both in cultivators and in labourers. The number of women employed on planters' estates has nearly doubled.

**Agriculture**

Number of female actual workers.

## Textile industries

| Occupation.                          | 1921.   | 1911.   | Variation per cent. |
|--------------------------------------|---------|---------|---------------------|
| All textile industries.              | 195,954 | 292,076 | - 32.9              |
| Cotton spinning, sizing and weaving. | 102,595 | 194,350 | - 47.2              |
| Rope, twine and string ...           | 5,548   | 54,518  | - 32.1              |
| Coconut fibre work ...               | 30,938  |         |                     |
| Other fibres ...                     | 545     | 12,548  | - 54.6              |
| Cotton spinning ...                  | 5,700   |         |                     |
| Silk spinning and weaving ...        | 8,958   | 15,452  | - 42.0              |
| Weavers unspecified.                 | 31,833  | ...     | ...                 |

## Industries of dress and the toilet

68. In industries of dress and the toilet, the variation between the number of women employed in 1911 and the number employed in 1921 is much less than in the occupations hitherto examined. In fact there has been an increase during the decade in the number of female shoe-makers and also in the number of female barbers. The great majority of women who work at these industries are employed on washing and cleaning of clothes and here the number of women workers has fallen by 9 per cent.

Number of female actual workers.

## Building industries

| Occupation.                   | 1921.   | 1911.   | Variation per cent. |
|-------------------------------|---------|---------|---------------------|
| All industries of dress, etc. | 192,576 | 211,414 | - 8.9               |
| Tailors, etc.                 | 7,368   | 12,018  | - 38.7              |
| Shoe-makers                   | 19,252  | 15,888  | + 21.2              |
| Washing, etc.                 | 160,125 | 175,996 | - 9.0               |
| Barbers, etc.                 | 4,189   | 4,074   | + 2.8               |

## Trade in food

Number of female actual workers.

| Occupation.             | 1921.   | 1911.   | Variation per cent. |
|-------------------------|---------|---------|---------------------|
| All food trades         | 217,826 | 351,570 | - 38.0              |
| Sellers of wine         | 7,308   | 15,045  | - 51.4              |
| Hotel-keepers           | 10,163  | 3,397   | + 199.2             |
| Fish-dealers            | 39,089  | 63,160  | - 38.1              |
| Grocers, etc.           | 41,792  | 106,973 | - 60.9              |
| Sellers of milk, etc.   | 25,446  | 28,318  | - 10.1              |
| " sweetmeats            | 27,527  | 42,025  | - 34.5              |
| " vegetables            | 30,995  | 45,865  | - 32.4              |
| " grain                 | 19,824  | 28,607  | - 30.7              |
| " tobacco               | 4,335   | 4,661   | - 7.0               |
| " sheep, goats and pigs | 1,227   | 2,629   | - 53.3              |
| " hay and grass         | 10,140  | 10,890  | - 6.9               |

## Occupation by caste

71. Material for the study of the relation between occupation and caste is contained in Imperial Table XXI and subsidiary table 8. We notice that except in the case of Ambattan, Chenchu, Dēvānga, Kaikōlan, Kamsala (Telugu), Kōmati, Kusavan, Mangala, Odde, Pattanavan, Sāle, Saurāshtra, Sembadavan, Tsākala, Vāniyan, Vannān, and Yerukala, cultivation in some form or other is the favourite occupation of each caste. Of the castes specified as exceptions to this rule, practically all are castes with distinct occupational characteristics, e.g., the Ambattan and Mangala castes are by hereditary tradition barbers; the Dēvānga, Kaikōlan, Sāle and Saurāshtra are all by tradition weavers or dyers; the

67. Of the textile industries those which employ most women are shown in the margin. There has been an enormous fall in the number of women employed in each kind of work. These figures do not tell us whether the fall is in the number of women employed in mills, or in the number of women who work at cottage industries.

69. In the building industries there has been a considerable increase in the number of women employed. From the figures in the margin we see that, while there has been a fall in the number of women working as lime-burners and excavators, the number of women employed as stone-cutters, bricklayers, etc., has more than doubled.

70. Trade in food is the next group of occupations which employs a large number of women. The figures in the margin show that there has been a large fall in the number of women workers except in the group "hotel-keepers" where the number of women has increased from 3,400 to 10,000. All the other occupations employ fewer women than they did in 1911. The fall is especially striking in the case of sellers of wine, grocers and dealers in sheep, goats and pigs, each of which occupations now gives employment to less than half the number of women employed in 1911.

Sembadavan and Pattanavan are fishing castes; the Tsākala and Vannān are washermen; Vāniyans are concerned with the extraction and selling of vegetable oils; the principal occupation of Kōmatis is the keeping of sundry bazaars and miscellaneous shops; Kusavans are potters; Telugu Kamsalas are artisans whose main occupations are working in gold and carpentry; but even with these artisans and other castes with special hereditary occupations, we find that in practically every case a considerable proportion of the members of the castes are returned as agriculturists.

Number per 1,000 workers who returned a religious occupation.

|                     | 1921. | 1911. |
|---------------------|-------|-------|
| Brāhman, Telugu ... | 40    | 108   |
| " Tamil ...         | 71    | 122   |
| " Kanarese ...      | 34    | 60    |
| " Oriya ...         | 51    | 86    |
| " Malayālam ...     | 125   | 269   |

Number per 1,000 workers returned as non-cultivating landowners and tenants.

|                     | 1921. | 1911. |
|---------------------|-------|-------|
| Brāhman, Telugu ... | 295   | 386   |
| " Tamil ...         | 213   | 332   |
| " Kanarese ...      | 114   | 141   |
| " Oriya ...         | 196   | 184   |
| " Malayālam ...     | 412   | 483   |

Number per 1,000 workers returned as cultivating landowners and tenants.

|                     | 1921. | 1911. |
|---------------------|-------|-------|
| Brāhman, Telugu ... | 494   | 329   |
| " Tamil ...         | 368   | 196   |
| " Kanarese ...      | 643   | 713   |
| " Oriya ...         | 524   | 420   |
| " Malayālam ...     | 90    | 71    |

Number per 1,000 workers returned as agricultural labourers.

|                 | 1921. | 1911. |
|-----------------|-------|-------|
| Chakkiliyan ... | 408   | 468   |
| Cheruman ...    | 912   | 956   |
| Holeya ...      | 442   | 797   |
| Mādiga ...      | 473   | 661   |
| Māla ...        | 609   | 791   |

The greatest variation occurs in the Holeya caste, among whom in 1911 only 28 per mille were returned as cultivating landowners and tenants. In 1921 this proportion has risen to 480 and there are also in every 1,000 actual workers 8 non-cultivating landowners and tenants. Among Chakkiliyans and Mādigas the

Number per 1,000 workers returned as general labourers.

|                 | 1921. | 1911. |
|-----------------|-------|-------|
| Chakkiliyan ... | 152   | 259   |
| Cheruman ...    | ...   | 16    |
| Holeya ...      | ...   | 86    |
| Mādiga ...      | 80    | ...   |
| Māla ...        | 84    | 23    |

74. Imperial Table XXI gives particulars of occupations for a certain number of hill and jungle tribes. It is unfortunate that occupation statistics were not tabulated in 1911 for any of these tribes; hence figures for comparison are not available. The occupations that are most frequently returned are cultivation, general labour, forest work and, in the case of Badagas, work on tea and

|                | Ordinary cultivation. | General labour. | Forest work. | Estates. |
|----------------|-----------------------|-----------------|--------------|----------|
| Badaga ...     | 688                   | 113             | ...          | 120      |
| Chenchu ...    | 218                   | 239             | 315          | ...      |
| Dombō ...      | 516                   | 150             | ...          | ...      |
| Gadabā ...     | 880                   | ...             | 41           | ...      |
| Khond ...      | 876                   | 106             | 9            | ...      |
| Konda Dōra ... | 777                   | 168             | 11           | ...      |
| Savara ...     | 929                   | 47              | 13           | ...      |

72. Among Brāhmans in all parts of the Presidency, there has been a great fall in the number who returned as their principal occupation some form of religious calling or service in a temple. The comparative figures are as shown in the margin.

Again among all Brāhmans except Oriyā Brāhmans there has been a decline in the number of non-cultivating landowners and tenants as shown in the margin.

Brāhmans on this occasion have preferred to return their occupation as that of cultivators. Hence we find for each of the Brāhman castes except Kanarese an increase in the proportion returned as cultivating landowners and tenants.

73. We may next consider the occupations returned by those castes which constitute what are generally termed the depressed classes, among whom the statistics for only the castes shown in the margin are available both for 1921 and 1911.

The proportion of leather workers is approximately the same in 1921 as in 1911. The only other important occupation returned by these castes is general labour and the variation between the proportions in 1921 and 1911 under this head is as shown in the margin.

74. Imperial Table XXI gives particulars of occupations for a certain number of hill and jungle tribes. It is unfortunate that occupation statistics were not tabulated in 1911 for any of these tribes; hence figures for comparison are not available. The occupations that are most frequently returned are cultivation, general labour, forest work and, in the case of Badagas, work on tea and coffee estates. The statement in the margin shows the number per thousand workers of each tribe engaged in each of these occupations. The only other occupations returned by any considerable number of these tribes are trade, returned by 4 Khonds per mille, weaving (120 Dombōs), begging (95 Chenchus), cattle-breeding (115 Dombōs), and village watchmen (12 Konda Doras).



## Weavers

Number per mille engaged in spinning, weaving and dyeing.

|                   | 1921. | 1911. |
|-------------------|-------|-------|
| Dēvānga ... ..    | 540   | 736   |
| Kaikōlan ... ..   | 480   | 538   |
| Sāle ... ..       | 471   | 636   |
| Saurāshtra ... .. | 702   | ...   |

Number per mille engaged in cultivation.

|                   | 1921. | 1911. |
|-------------------|-------|-------|
| Dēvānga ... ..    | 293   | ...   |
| Kaikōlan... ..    | 363   | ...   |
| Sāle ... ..       | 365   | ...   |
| Saurāshtra ... .. | 68    | ...   |

Number per mille engaged in trade in textiles, etc.

|                   | 1921. | 1911. |
|-------------------|-------|-------|
| Dēvānga ... ..    | 61    | ...   |
| Kaikōlan ... ..   | 27    | ...   |
| Sāle ... ..       | 28    | ...   |
| Saurāshtra ... .. | 58    | ...   |

In the case of Dēvāngas, Kaikōlans and Sāles there is a marked decline in the numbers who live by their traditional occupations of spinning and weaving, and a large increase in the proportion who return agriculture as their principal means of livelihood. Saurāshtras during the decade have made a notable advance socially, economically, and educationally, and instead of one of the more backward communities, are now regarded as one of the most progressive.

## Kallans

|                                               | 1921. | 1911. |
|-----------------------------------------------|-------|-------|
| Cultivators ... ..                            | 607   | ...   |
| Non-cultivating landowners and tenants ... .. | 197   | 932   |
| Agricultural labour ... ..                    | 98    | ...   |
| Miscellaneous labour ... ..                   | 23    | 24    |
| Artisans and other industries ... ..          | 12    | 22    |
| Trade ... ..                                  | ...   | 18    |
| Others ... ..                                 | 63    | 34    |

The proportion of the caste engaged in ordinary cultivation remains unchanged, and the numbers engaged in the other occupations are so small that the slight variation is not worthy of notice.

## Women workers by caste

77. The last column of subsidiary table 8 shows for each of the castes and each of the occupations the proportion of female workers for every thousand male workers. In 1921 there are only two castes, Holeyas and Konda Doras, in which the number of female workers exceeds the number of males. In 1911 female workers were in a majority among Cherumans as well, but in 1921 there are only 995 female workers among Cherumans for every 1,000 males. The proportion of female workers among Brāhmans of all languages except Oriyā has increased as shown in the margin.

Number of female workers per 1,000 male workers.

|                       | 1921. | 1911. |
|-----------------------|-------|-------|
| Brāhman—Telugu ... .. | 386   | 257   |
| " Tamil ... ..        | 276   | 135   |
| " Kanarese ... ..     | 570   | 281   |
| " Oriyā ... ..        | 137   | 209   |
| " Malayālam ... ..    | 79    | 78    |
| Holeya ... ..         | 1,018 | 847   |
| Konda Dora ... ..     | 1,011 | 833   |
| Cheruman ... ..       | 995   | 788   |
| Khond ... ..          | 932   | 776   |
| Idiga ... ..          | 926   | 755   |
| Iluvan ... ..         | 895   | 752   |
| Māla ... ..           | 887   | 745   |
| Billava ... ..        | 883   | 719   |

Most of the Holeya women work as agricultural labourers. Konda Dora women mostly do general coolie work, but they also sell firewood and attend to cultivation. Cheruman women are generally employed as agricultural labourers and they also work at basket making. Khond women are largely employed on cultivation, on general labour, in the sale of firewood, and in basket work. Idiga women mostly work as agricultural labourers.

75. In 1911 occupation statistics were tabulated for the three weaving castes, Dēvānga, Kaikōlan and Sāle. In 1921 we have in addition statistics for Saurāshtras.

The number per mille of the workers of these castes who are engaged in cultivation is shown in the margin.

And the proportion who returned trade in piece-goods and ready-made clothing is shown in the margin.

76. Apart from the castes already mentioned the only pre-eminently agricultural caste for which statistics were tabulated in 1911 are the Kallans. The 1921 statistics for this caste compare with those of 1911 as shown in the margin.

The increase occurs mainly among those who follow agricultural occupations. The castes which have the greatest proportion of women workers are shown in the margin.

## PART II.—INDUSTRIAL OCCUPATIONS.

(Contributed by Mr. C. W. E. Cotton, C.I.E., I.C.S.)

## PART I.—General.

78. Many reasons have been given at different times by different authorities for the industrial backwardness of the Madras Presidency. Some have pointed out that the intelligentsia have no natural inclination for industrial pursuits and prefer the less exacting routine of academic study to the strenuous apprenticeship which commerce demands of its acolytes. The professional classes, others say, consider the acquisition of land the best investment for their savings and the hereditary trading castes have a much greater aptitude for trafficking in raw materials than in promoting manufactures, while the history of joint-stock company promotion in Madras indicates a singular lack of that co-operative confidence which is necessary if capital is to flow into industrial ventures. These factors have no doubt a good deal to do with the present unsatisfactory position, but if they represented the whole truth the commercial achievement of Bengal would have been no better. The jute mills which have contributed so greatly to the prosperity of that Presidency owed everything in the early stages of their development to British enterprise and British capital and the frenzy of company promoting which reached its height in the year following the armistice was made possible by the gambling propensities of the Marwari colony in Calcutta rather than by any industrial awakening on the part of the natives of the province. The basic causes which operate to delay the industrial development of the Presidency are undoubtedly the absence of cheap fuel and the comparative lack of mineral wealth. I have seen it stated that fuel costs calory for calory, about three times as much in Madras as it does in English industrial centres. No supplies of coal have yet been proved within the borders of the Presidency, though prospecting in the Gōdāvari valley has lately been resumed with some prospect of success. A licence has been even more recently applied for to put down some borings for petroleum further south, but the geological prognosis is not exactly favourable. Attention is again being drawn to the extensive lignite deposits which are believed to exist in Travancore and elsewhere on the West Coast and also in the neighbourhood of Pondicherry and samples which have been obtained suggest that here is a possible source of cheap fuel if (but this is a very important qualification) a process of inexpensive briquetting can be devised. Meanwhile the price of wood fuel has risen by 50 per cent in the last ten years, and continues to rise while the price of oil fuel chiefly obtained from Burma is three times what it was in 1914. The mineral resources of the Presidency do not compare with those of certain other provinces and with the additional handicap of costly fuel, neither the magnetic iron ores of Salem for example nor the bauxites of Vizagapatam and the Malabar Coast can profitably be exploited. In these circumstances I can only echo Sir Alfred Chatterton's regret that very little use is made of hydraulic power; in fact, in the last ten years there has been no addition to the installations then existing, one at Sivasamudram and the other at Aruvankadu. However, thanks chiefly to the interest provoked by the hydro-electric survey of India which was initiated some three years ago, prospects for the future are decidedly brighter. There are several projects now under examination, among which may be mentioned the Sirumalai, the Kollimalai, the Kunda and the Pykara schemes which, if they materialize, will supply power to Madura, Trichinopoly, Coimbatore and Calicut, respectively. The Periyar scheme, on the other hand, has not advanced much, if at all, since 1911 chiefly, it would seem, owing to the difficulty of reconciling the claims of the promoters with those of the Irrigation Department. Apart from the electricity generated by water power, there are a few public power installations supplying current for electric lighting, driving fans and in some cases for industrial purposes. The Madura municipality is understood to be negotiating for a generating station which will supply the town with light and also furnish the power for a service of trams. For the development of chemical industries, scarcely less important than cheap supplies of sulphuric and hydrochloric acids and alkalis, such as caustic soda

General remarks



and ammonia is the availability of electricity at sufficiently low rates. Madras is no better and no worse off than the rest of India in the matter of the essential chemicals, the great bulk of which are of necessity imported, but of the several promising hydro-electric schemes which are now being investigated in Southern India, it is doubtful if any will yield electric energy at a figure which will make it profitable to employ it either for electro-metallurgical or electrolytic purposes owing to the fact that the water-supplies from which the power is generated postulate in most cases very heavy expenditure on the construction of storage reservoirs in order to guard against a shortage in the rainless interval between the north-east and south-west monsoons.

**Minerals** 79. The only two minerals worked in the Madras Presidency on any considerable scale are manganese and mica, but magnesite, barytes and the precious metals, gold and silver also figure in the returns.

**Manganese** The total exports of manganese ore during the ten years ending 31st March 1921 amounted to 191,865 tons (chiefly from the Vizagapatam district) as compared with 952,025 tons in the ten years ending 31st March 1909. The average production in the quinquennium ending in 1913 amounted to about 120,000 tons. From 1914-18 the average fell to 14,000. This was partly attributable to two of the principal mines being flooded, and all work in them being suspended for about a year after war broke out. In 1914 some 33,000 tons were mined in Sandūr State chiefly for shipment to Belgium and Germany, but nothing was taken out of this area from 1915 onwards. High ocean freights, shortage of tonnage and export restrictions greatly affected the industry in Vizagapatam apart from the competition of other deposits in India with a higher commercial value. A reflection of this decline will be found in the census returns which show that the population supported by mineral production in the Presidency fell from 18,336 to 9,288 or practically 50 per cent between 1911 and 1921.

**Mica** The mining of mica in large open quarries in the Nellore district continued. The outbreak of hostilities suspended the activities of a German firm which had just started the mining and shipping of mica from this field on a large scale. For a time thereafter trade conditions discouraged output and diminished the volume of exports, but later on a considerable demand grew up for Nellore as well as Bihar mica for munition purposes. In September 1915 exports except to the United Kingdom were prohibited and in June 1916 a scheme to purchase on Government account was introduced. The output from Nellore during the ten years ending 31st December 1920 amounted to 4,123 tons valued at Rs. 43,68,478 as compared with 4,234 tons valued at Rs. 49,64,193 for the previous decade. The above figures are generally regarded as conservative.

**Magnesite** The exploitation of the magnesite deposits in the Chalk Hills near Salem has been steadily proceeded with in spite of various handicaps during the past decade. In 1916 and the following year over 17,000 tons were mined, but in 1918 there was a set-back to less than 6,000 tons. The exports are chiefly in the form of caustic magnesia obtained by calcining at a temperature of 800° C. In 1913-14 only 6 per cent of the shipments went to the United Kingdom, while 55 per cent went to Germany and 39 per cent to Belgium. The present prospects of the industry are decidedly hopeful.

**Gold and silver** The gold fields of Anantapur have yielded the following quantities of gold and silver during the last ten years :—

|        | OZ. TROY. |
|--------|-----------|
| Gold   | 152,845   |
| Silver | 5,945     |

• Only one mine was systematically worked.

**Barytes** The considerable deposits of barytes occurring near Betamcherla in the Kurnool district were for the first time exploited during the decennium. Two hundred and ninety-four tons were mined in 1913, but after that nothing was done until 1918 when 1,200 tons were extracted. The figures for 1919 and 1920 were 232 and 213 tons, respectively, only.

80. As regards other raw materials, it is only perhaps in respect of cotton, oil-seeds and hides and skins that Madras is at all favourably situated, and in these fields there is much yet to be done in the way of developing manufactures in the country. There are those who would regard the extent by which her present exports of oil-seeds can be superseded by exports of oil and so much of the oil-cake as is not absorbed in the country for manurial purposes, the barometer of the industrial advance of the Madras Presidency. The problem is not one of finding the necessary capital to erect mills and machinery so much as of overcoming the difficulties which face the exporters of oil and oil-cake owing to tariff differentiation against them in the chief continental markets, while the raw material is admitted free, and the much higher freights which are demanded for oil and cake, particularly the former which cannot be carried in bulk as can the raw materials. The prejudice against oil expressed in India on account of impurities or deliberate adulteration has also to be lived down. The bulk of the skins exported are tanned, but not dressed, while hides are usually shipped in the form of "kips," i.e., half or crust tanned which means that they have to be subjected to further treatment known as "currying" after they reach foreign markets, before they can be regarded as finished leather. There is no cotton spinning and weaving mill north of Madras though there are large areas under cotton in the Northern Circars and Ceded districts. A company called the Bezwada Spinning and Weaving Mills, Limited, was registered in 1920, but the promoters have hitherto found it impossible to obtain sufficient capital to proceed to allotment. Another potential source of industrial wealth is the forests, the systematic exploitation of which has in the teeth of a good deal of criticism only just begun, while as regards bamboos and other material suitable for conversion into wood pulp, the Carnatic Paper Mills, Limited, has commenced the erection of a mill at Rajahmundry, but the extent of the Presidency resources in this regard has scarcely yet been fully ascertained. The industrial developments which have taken place in Madras during the past ten years, as in the previous decade, have taken the form usually of expansion in the field that lies midway between manufacturing and cottage industries, typical examples of which are rice hulling and cotton ginning. Unlike the bulk of cottage industries, as for example, handloom weaving, they do not produce manufactured articles but stop short at the conversion of raw products into a form more suitable for further handling.

81. The following tabular statement extracted from the season and crop report for 1910-11 and 1920-21 shows in detail the area devoted to each of the crops grown in the Presidency which are subjected to preparatory processes of an industrial or quasi-industrial character before they are put on the market :—

| Classification of areas—                                                         | Area.      |            | Difference<br>(plus or minus). |
|----------------------------------------------------------------------------------|------------|------------|--------------------------------|
|                                                                                  | 1920-21.   | 1910-11.   |                                |
|                                                                                  | ACS.       | ACS.       |                                |
| (1) Forests                                                                      | 12,985,852 | 13,606,994 | — 621,142                      |
| (2) Net area under cultivation                                                   | 33,073,385 | 33,751,813 | — 678,428                      |
| (3) Net area cropped                                                             | 37,553,000 | 38,085,000 | — 532,000                      |
| (4) Irrigated from Government and private canals, tanks, wells and other sources | 9,368,816  | 9,922,954  | — 554,138                      |
| Acreage under crop—                                                              |            |            |                                |
| Cereals—                                                                         |            |            |                                |
| Rice                                                                             | 11,096,365 | 10,754,010 | + 342,355                      |
| Oil-seeds—                                                                       |            |            |                                |
| Linseed                                                                          | 8,792      | 14,131     | — 5,339                        |
| Gingelly                                                                         | 752,622    | 815,100    | — 62,478                       |
| Groundnut                                                                        | 1,599,738  | 934,135    | + 665,603                      |
| Castor                                                                           | 390,668    | 497,823    | — 107,155                      |
| Coconut                                                                          | 544,747    | 543,112    | + 1,635                        |
| Sugar—                                                                           |            |            |                                |
| Sugarcane                                                                        | 103,308    | 94,879     | + 8,429                        |
| Palmyra                                                                          | 83,616     | 88,740     | — 5,124                        |

Other raw materials

Acreage under forest and industrial crops

|                      |     |     |     | Area.     |           | Difference<br>(plus or minus). |
|----------------------|-----|-----|-----|-----------|-----------|--------------------------------|
|                      |     |     |     | 1920-21.  | 1910-11.  |                                |
|                      |     |     |     | ACS.      | ACS.      |                                |
| Fibres—              |     |     |     |           |           |                                |
| Cotton               | ... | ... | ... | 2,121,628 | 2,317,045 | - 195,417                      |
| Jute                 | ... | ... | ... | 678       | Nil.      | + 678                          |
| Rubber               | ... | ... | ... | 13,004    | 4,420     | + 8,584                        |
| Dyes—                |     |     |     |           |           |                                |
| Indigo               | ... | ... | ... | 112,138   | 81,464    | + 30,674                       |
| Drugs and narcotics— |     |     |     |           |           |                                |
| Coffee               | ... | ... | ... | 54,108    | 49,097    | + 5,011                        |
| Tea                  | ... | ... | ... | 46,250    | 16,737    | + 29,513                       |
| Tobacco              | ... | ... | ... | 201,062   | 218,315   | - 17,253                       |

82. The fall in the area under forests is no doubt attributable to the policy of converting reserves into unreserves in the neighbourhood of villages for the benefit of the agricultural community, but the decline in the net area under cultivation is only temporary and attributable to the failure of both monsoons in parts of Ganjām, Vizagapatam, Kurnool, Gōdāvari and Anantapur in 1920-21. The acreage under groundnut shows a very marked increase due to the high prices and profitable trade in this oil-seed which prevailed during the greater part of the decade. The area under cotton has remained fairly stationary in the neighbourhood of 2,300,000 acres and the shortage in 1920-21 is attributable to seasonal failure. It will be noticed that during the last ten years the area under rubber has increased threefold while the indigo acreage has increased from 81,000 to 112,000. The temporary encouragement given by the war to natural indigo led at one time to as much as 300,000 acres being placed under this crop. Under drugs and narcotics, coffee under the stimulus of better prices has slightly increased while the area under tea has nearly trebled. The normal area sown with tobacco is 214,000 acres which is slightly below the total for 1910-11, but there is good reason to anticipate a considerable extension, particularly in the Guntūr district, in the course of the next few years. The low prices which prevailed in 1920-21 sufficiently account for the 10 per cent fall in the area in that year.

Trade  
statistics

83. The statistics which follow indicate the expansion of the external trade of the Presidency in value, if not in volume, during the past ten years (in lakhs of rupees):—

| Year.   | Sea-borne trade. |               | Coasting trade. |               | Rail-borne trade. |               | Total.        |               |
|---------|------------------|---------------|-----------------|---------------|-------------------|---------------|---------------|---------------|
|         | Imports.         | Exports.      | Imports.        | Exports.      | Imports.          | Exports.      | Imports.      | Exports.      |
|         | LAKHS.<br>RS.    | LAKHS.<br>RS. | LAKHS.<br>RS.   | LAKHS.<br>RS. | LAKHS.<br>RS.     | LAKHS.<br>RS. | LAKHS.<br>RS. | LAKHS.<br>RS. |
| 1910-11 | 1,064            | 2,108         | 914             | 517           | 1,025             | 921           | 3,003         | 3,546         |
| 1911-12 | 1,169            | 2,310         | 811             | 633           | 1,161             | 938           | 3,141         | 3,881         |
| 1912-13 | 1,304            | 2,494         | 904             | 679           | 1,289             | 1,124         | 3,497         | 4,297         |
| 1913-14 | 1,835            | 2,591         | 853             | 549           | 1,265             | 1,105         | 3,753         | 4,245         |
| 1914-15 | 1,252            | 2,161         | 749             | 554           | 1,276             | 1,270         | 3,277         | 3,985         |
| 1915-16 | 1,153            | 2,458         | 660             | 490           | 1,657             | 1,564         | 3,470         | 4,512         |
| 1916-17 | 1,286            | 2,591         | 613             | 558           | 2,301             | 1,847         | 4,200         | 4,996         |
| 1917-18 | 1,220            | 1,694         | 614             | 707           | 2,629             | 2,594         | 4,463         | 4,995         |
| 1918-19 | 1,177            | 2,424         | 952             | 858           | 2,857             | 3,306         | 4,986         | 6,588         |
| 1919-20 | 1,338            | 3,565         | 1,451           | 752           | 2,783             | 2,894         | 5,572         | 7,211         |
| 1920-21 | 2,497            | 2,237         | 1,470           | 826           | 2,492             | 2,627         | 6,459         | 5,690         |

84. The history of the past ten years falls into three distinct epochs, the pre-war and post-war periods, and the four years and three months of actual hostilities. The first of these was marked by considerable trade activity and in the sphere of industrial progress by steady developments along the lines which had proved most successful in the past, viz., in an increasing number of small installations for irrigation purposes, cotton ginning and rice hulling. The closing of the central European markets to the raw materials which form the bulk of Madras exports caused at the outset of the second period considerable trade depression, but as the war proceeded, this was largely made good by the increasing demands of the mother country and the Allies and the reaction would have been even more favourable had not the losses due to submarines seriously affected, as time went on, the freight available at the majority of the ports in the Presidency. In values, if not in volume, however, the export trade continued to expand, and there was at the same time developed a remarkable if largely temporary activity in manufactures, principally of military requirements which the Indian Munitions Board working through a Provincial Controller, did much to stimulate. The manufacture of finished leather was encouraged by the war needs of the Allies, but several mushroom concerns which participated in this trade collapsed in the depression which followed close on the heels of the armistice. The weaving mills in Madras did splendid service in the supply of cloth required for the troops, the Buckingham and Carnatic Mills supplying monthly for a considerable period as much as one and a half million yards of khaki drill besides pugris, doosooties, tape webbing, etc. The chief engineering workshops at the Presidency undertook the manufacture of machinery and parts of machinery which hitherto had invariably been imported. The Indian Aluminium Company which found its supplies of aluminium sheets cut off employed its plant upon making articles of galvanized iron and brass and Messrs. George Brunton & Sons, Cochin, started manufacturing internal combustion motor and marine engines. The Madras Electric Supply Corporation and Madras Electric Tramways, Limited, concentrated on the production of meter boxes cut-outs, section insulators, transmission parts, etc., while Messrs. Best & Co. embarked upon the manufacture of looms and loom parts. The output of sulphuric acid and hydrochloric acid at Rānipēttai by Messrs. Parry & Co. was nearly trebled. There was a temporary revival in the shipbuilding trade, a steamer for the coasting trade being built at Cochin and orders placed for several wooden sailing vessels on the West Coast as well as at Masulipatam. At the same time industrialists had many difficulties to contend with. Much indispensable machinery became practically unprocurable and the shortage of coal and oil fuel became intensified. In fact many of the rural installations which depended upon liquid fuel to run their plant had on this account compulsorily to shut down.

85. The third period opened with high hopes, though the armistice did not at once restore facilities for trading with enemy countries. The monsoon failure involved the continuance of an embargo on the exports of wheat and rice, but anticipations of a general renewal of world trade encouraged shipments in spite of railway and cable congestion, tonnage scarcity and the handicap of a rising exchange. At the same time the high sterling value of the rupee fostered imports and the total volume of the trade of the Presidency (including rail-borne) reached the unprecedented figure of 127 crores of rupees. But early in 1920 a reaction began to set in. With congestion of stocks in the United Kingdom, the United States of America and Japan, which are India's principal customers, the take-off in exports fell off considerably and exchange conditions were such as practically to preclude business with Germany and Russia who were in need of supplies. In Madras the tanning industry was perhaps the most severely affected and at the same time importers of Lancashire piece-goods found the distributing trade unable or unwilling on a falling exchange to take up their commitments when the general level of prices at home was simultaneously declining. The balance of trade turned against India and in March 1921 when the census was taken there was an almost complete stagnation of trade with the prospect of dull times ahead, for exporters in particular, for some time to come.

## Railway development

86. The only important railway development in the Madras Presidency in the ten years under review was the opening by the South Indian Railway of a new route to Ceylon via Adam's Bridge, an extension from Pamban across the island of Rameswaram to Dhanushkodi being connected with the terminus of the Ceylon Railway at Talaimannar on the other side of the 22-mile strait. The Madras Railway disappeared as a separate entity, part of it being merged in the Southern Mahratta which is now known as the Madras and Southern Mahratta, and part of it in the South Indian. There were some additions made to the railway mileage owned by District Boards. The Podanur-Pollachi line was opened for traffic in October 1915 and the Salem-Suramangalam in 1917-18. But no progress was possible with more important schemes such as the Trichinopoly-Ramnád chord line while the alignment of the metre gauge connexion between Dindigul and the Shoranur-Cochin Railway cannot yet be regarded as finally settled. The extension of the Vizianagram-Párvatipuram line depends upon the materialization of the Vizagapatam harbour scheme. To compensate to some extent for these disappointments there has been a remarkable development particularly during the last five years of motor transport to connect important centres in the interior with the nearest railway station. One of the earliest of these was the Cuddalore-Pondicherry service which obviated a roundabout railway journey via Villupuram.

## Ports

87. In the other maritime provinces (other than Bihar), the foreign trade is chiefly concentrated in a single port. Karachi is the only outlet of importance for the trade of Sindh and the Punjab, Bombay for the Bombay Presidency proper, Calcutta with Chittagong, for Bengal, the United Provinces and Bihar, and Rangoon for Burma whereas in Madras there are a number of minor ports whose aggregate trade slightly exceeds that of Madras itself and even the latter is not a terminal. Elaborate schemes for the development of the harbours of Vizagapatam, Tuticorin and Cochin have been under consideration during the period under review. The Bengal-Nagpur Company is interested in the first named, but the Cochin scheme has the greatest potentialities in view of the size of the inner harbour if a permanent entrance can be successfully dredged, and of its geographical situation and the rich hinterland including the States of Travancore and Cochin which it will serve.

## Harbours

## Department of Industries

88. Whatever the objections may be, and they are by no means purely theoretical, to the pioneering of industries by a bureaucracy, there is no doubt that in circumstances which are not peculiar to the Madras Presidency though intensified here, such industrial progress as has been registered during the last fifteen years owes a good deal to the policy which the Local Government followed in this matter at the instance of Mr. (now Sir) Alfred Chatterton. To this policy the famous despatch of Lord Morley in 1910 gave a temporary set-back, but his successor at the India Office restored the *status quo*, and there is little doubt that with the transfer of Provincial Departments of Industries under the Reforms to the charge of Ministers, this line of development is not likely to be definitely abandoned. Though Sir Alfred Chatterton's connexion with the Department of Industries in Madras terminated early in the decennium under review, I am justified in paying a tribute here to the considerable value of his work. Apart from his successful experiments in metal spinning and chrome tanning, the popularization of the fly shuttle slay is chiefly due to his propaganda work, and the success which attended his early efforts with small pumping plants for irrigation has stimulated private enterprise in every part of the Presidency not only in that field but also in small industrial factories for cotton ginning, groundnut decorticating and rice hulling. And the record of the Department of Industries since Sir Alfred Chatterton left is not, as some people imagine, altogether barren of achievement. Sir Frederick Nicholson has conclusively proved the potentialities of soap manufacture and fish canning on a commercial scale. Pencil manufacture has successfully been demonstrated and the manufacture of glue at tropical temperatures has been found practicable, though the commercial value of the discovery still remains to be proved. The department is also gradually systematizing the growth

of industrial education chiefly by co-ordinating the work of the different schools under private management in different parts of the Presidency and there is no doubt that in recent years, owing to the devoted labours of the missionaries in whose charge the majority of the schools are, the bazaar standards of attainment in the minor arts of carpentry and blacksmithy are imperceptibly, but none the less appreciably, being raised. But while the artisan is being taught to do better work, it is unfortunately, seemingly much more difficult to turn out what is an even more urgent need, namely, the man capable of performing the function of works manager in an industrial concern. There have been many instances of so-called experts returning after an all too short apprenticeship in Europe, America or Japan quite unable to erect the machinery which they have persuaded the capitalist to invest in, and attaching so little importance to the lay-out of the factory that a great deal of money has to be spent later on in structural alterations, if not on actual rebuilding. In the case of small installations for irrigation purposes, considerable advantage has been taken of the facilities given under the Agriculturists' Loans Act, which has done much to further the utilization of small plants for this purpose, but the want of a similar measure to help the small industrialist has long been felt, and a measure is now under consideration to deal with the general question of State aid to industries. It is a subject of great complexity and the terms and principles governing such loans and the agency which will decide when they ought to be made will probably provoke a great deal of discussion.

## Industrial education

89. In the light of what has already been stated, it was not to be expected that an examination of the provincial census returns would reveal any marked indications of an industrial awakening, for such development as has taken place has been not in the direction of large industrial concerns attracting as in the jute mills of Calcutta or the cotton mills of Bombay a large number of immigrant labourers from other provinces but in the substitution of machine-driven small plants for primitive bullock mills and mholes, which tends not to increase the number of those who figure in the returns as industrial workers but to reduce them. A rice huller does the work of a good many rice pounders and the same is true of cotton ginning, oil pressing, etc., when machinery displaces manual labour. The figures quoted *infra* indicating substantial declines in the population supported by these industries confirm this view. It is not therefore a matter for surprise that, while the population as a whole has only increased by 2.2 per cent, the increase in the population supported by pasture and agriculture is 4 per cent from 29,586,737 to 30,781,678. At the same time it is difficult to suggest any adequate explanation, if the figures are reliable, for the extent of the fall under the general head "Industries" from 5,591,058 to 4,812,771, equivalent to nearly 14 per cent, though the high price of food-grains in parts of the country when the census was taken and general trade depression may have led to a temporary abandonment of many cottage industries in favour of agriculture or emigration. Under the sub-head textiles, there has been a decline from 1,406,286 to 1,127,114 which is chiefly due to the fall under cotton ginning, cleaning and pressing from 59,253 to 20,844 and under cotton spinning, sizing and weaving from 1,118,628 to 687,083 though the two sets of figures are not strictly comparable because there is a new sub-head "weavers unspecified" amounting to 224,818 and "spinners unspecified" 6,645. Under makers of rope, twine and string, there was a fall from 74,294 to 14,444; under silk spinning and weaving from 74,773 to 34,984 and under wool carding and spinning and weaving of woollen blankets and carpets from 37,415 to 17,497. Tanners of hides and skins and makers of leather articles, feather and bristle makers, brush makers, etc., have fallen from 132,232 to 69,797; basket makers and builders working with bamboos and reeds from 222,301 to 145,319, makers of implements and tools from 158,072 to 133,556; workers in brass, copper and bell metal from 41,871 to 26,381. Under the head "ceramics" the fall is less marked from 249,413 to 226,753. Under the manufacture and refining of vegetable oils the total is 39,979 and for mineral oils 130 making a total of 40,109 as compared with 53,302 for the combined group in 1911. Under "food industries" there has been a fall from 619,298 to 545,517

## Population supported by industries



though some increases are noted under sub-heads in this branch: for example, the population supported by bakers rose from 12,995 to 14,155 and by makers of sugar, molasses and gur from 25,093 to 27,146. On the other hand brewers and distillers have fallen from 4,335 to 520 and rice pounders and huskers and flour grinders from 204,922 to 139,691.

**Factories**

90. On the 31st March 1921 there were 511 factories subject to control under the Indian Factories Act though 14 were out of commission throughout the year. Of these, 332 were perennial and 179 seasonal. 155 of the seasonal factories were connected with the cotton industry. The average daily attendance of operatives was 101,655, 7,177 being employed in Government and Local Fund concerns and the remainder in privately owned factories. In the case of establishments employing 20 or more persons it is possible to institute comparisons between the figures for 1911 and 1921. The total number of such establishments rose from 867 to 1,384, the increase being most marked in the case of textile and connected industries from 109 to 302 and food industries from 149 to 325. The total number of persons employed was 131,644 in 1911 and 166,465 in 1921, the proportionate increase being lower than in the number of establishments which supports the contention that the majority of new establishments were on the small side. The number of skilled workmen rose from 41,141 to 43,412 only, while the additions in the number of women and children employed were not proportionate to the general increase. As in the past immigrant labour from other provinces was practically negligible.

**Power employed**

91. Table XXII gives some interesting information regarding the details of power employed in establishments using steam, oil, gas or water. The total for the Presidency is 1,466 distributed between steam engines 843, oil 497, water 36 and gas 90 while the brake horse power generated is compared below with the figures compiled in 1911:—

|              | 1921.  | 1911.  | Increase. |
|--------------|--------|--------|-----------|
| Steam ... .. | 35,733 | 26,101 | 9,632     |
| Oil ... ..   | 12,430 | 8,989  | 9,088     |
| Gas ... ..   | 5,647  | ...    | ...       |
| Water ... .. | 3,519  | 1,763  | 1,756     |
| Total ...    | 37,329 | 36,853 | 20,476    |

92. The above figures indicate that while the bulk of the power generated is derived from steam engines, the increase is proportionately larger during the last ten years in internal combustion engines, and with liquid fuel at its present height, there is little doubt that when the figures for 1931 are compiled, there will be a marked advance registered in the employment of suction gas plants. It is unfortunate that separate figures are not available for oil and gas plants in 1911 by which to institute comparisons of the increase under each head during the last ten years. And as regards railway workshops the figures for 1911 were, it is to be feared, not very complete or exact. The figures do not include the prime-movers employed in the generation of electric power, aggregating 8,939 H.P. and there are many small concerns which do not come within the scope of the Factory Act where gas or oil engines are installed. The statistics may therefore be appropriately supplemented by more comprehensive figures for which I am indebted to Mr. D. Sadasivam Pillai, Assistant Director, Tanjore division, showing the increases in the five southern districts of the Presidency during the last ten years. The total number of plants were in 1911, 113 and in 1921, 486 while the B.H.P. aggregated 7,249 in 1911 and 19,225 in 1921. The most striking feature of these tables is the enormous addition to the number of rice mills which increased from 21 to 244 in the Tanjore district and from 1 to 61 and nil to 43 in Trichinopoly and Madura respectively.

93. The districts selected are those in which the Department of Industries has, in view of the abundant irrigation facilities already available, done little in the way of small installations for agricultural purposes for which a wider scope exists in districts like Coimbatore where so much garden produce depends upon well irrigation.

*Power census of southern districts.*

| Plants.                                    | 1911.        | 1921.        |
|--------------------------------------------|--------------|--------------|
| <b>TANJORE DISTRICT—</b>                   |              |              |
| Rice mills ... ..                          | 21           | 244          |
| Railway workshops ... ..                   | 1            | 1            |
| Oil mill ... ..                            | 1            | ...          |
| Municipal water works ... ..               | 1            | ...          |
| Pumping plants ... ..                      | 6            | 10           |
| Electric plant and lighting ... ..         | ...          | 6            |
| Saw mills, tannery, etc. ... ..            | ...          | 5            |
| Total plants ...                           | 30           | 266          |
| Total power ...                            | 605 B.H.P.   | 6,933 B.H.P. |
| <b>TRICHINOPOLY DISTRICT—</b>              |              |              |
| Rice mills ... ..                          | 1            | 61           |
| Irrigation ... ..                          | 14           | 11           |
| Ginning ... ..                             | 1            | 4            |
| Electric installation ... ..               | 1            | 2            |
| Cinema ... ..                              | ...          | 1            |
| Workshop ... ..                            | 1            | 1            |
| Railway workshop ... ..                    | 1            | ...          |
| Tile factory ... ..                        | ...          | 1            |
| Soap factory ... ..                        | ...          | 1            |
| Tannery ... ..                             | 1            | 1            |
| Printing press ... ..                      | 1            | ...          |
| Municipal water works ... ..               | 1            | ...          |
| Joinery works ... ..                       | 2            | ...          |
| Total plants ...                           | 24           | 83           |
| Total power ...                            | 530 B.H.P.   | 1,495 B.H.P. |
| <b>RAMNAD DISTRICT—</b>                    |              |              |
| Ginning plants ... ..                      | 5            | 13           |
| Pumping ... ..                             | ...          | 2            |
| Rice mills ... ..                          | ...          | 12           |
| Decorticator ... ..                        | ...          | 1            |
| Marine department plant ... ..             | ...          | 1            |
| Cotton presses ... ..                      | 2            | ...          |
| Cotton ginning and pressing factory ... .. | 3            | ...          |
| Total plants ...                           | 10           | 29           |
| Total power ...                            | 973 B.H.P.   | 2,073 B.H.P. |
| <b>MADURA DISTRICT—</b>                    |              |              |
| Rice mills ... ..                          | ...          | 43           |
| Pumping sets ... ..                        | 5            | 8            |
| Electric installations ... ..              | ...          | 2            |
| Cinema ... ..                              | ...          | 1            |
| Workshops ... ..                           | 1            | 2            |
| Municipal water works ... ..               | 2            | ...          |
| Spinning mills ... ..                      | 2            | 2            |
| Ginning ... ..                             | 1            | 4            |
| Printing press ... ..                      | ...          | 2            |
| Soda factory ... ..                        | ...          | 3            |
| Cigar factory ... ..                       | ...          | 1            |
| Joinery works ... ..                       | 1            | ...          |
| Tobacco factory ... ..                     | 1            | ...          |
| Aerial ropeway ... ..                      | 1            | ...          |
| Railway workshop ... ..                    | 1            | ...          |
| Telegraph workshop ... ..                  | 1            | ...          |
| Total plants ...                           | 16           | 68           |
| Total power ...                            | 1,190 B.H.P. | 4,734 B.H.P. |



| Plants.                                    | 1911.        | 1921.        |
|--------------------------------------------|--------------|--------------|
| Tinnevely District—                        |              |              |
| Cotton ginning factories ... ..            | 4            | 8            |
| Cotton presses ... ..                      | 7            | 7            |
| Cotton ginning and pressing factory ... .. | 2            | 2            |
| Cotton spinning mills ... ..               | 3            | 3            |
| Petroleum storage ... ..                   | 2            | 2            |
| Rice mills ... ..                          | 1            | 1            |
| Sugar mills ... ..                         | 2            | 2            |
| Distillery ... ..                          | 1            | 1            |
| Tile works ... ..                          | 1            | 1            |
| Bone crushing ... ..                       | 1            | 1            |
| Irrigation ... ..                          | 9            | 8            |
| Salt manufacture ... ..                    | ...          | 3            |
| Total plants ... ..                        | 33           | 39           |
| Total power ... ..                         | 3,951 B.H.P. | 3,990 B.H.P. |

**Electric power** The electric power applied to industries according to the table given in the corresponding chapter of the census report for 1911 was only 286 H.P.

The statistics for 1921 (vide Table XXII) show a total of 4,031 kilowatts equivalent to 5,403 H.P. employed in establishments which use electric power generated on the premises while 2,416 H.P. was the corresponding aggregate in respect of electric power generated outside the establishments which utilize it.

## PART II.

*The following notes on the principal industries of the Presidency are intended to supplement the general information given in the first part of this chapter.*

### Coconut industries

94. The principal commercial products of the coconut are four—copra, coir, coconut oil and poonac to name them in order of their importance—in this Presidency, the value of the shipments of each in the year 1913-14 being 181, 103, 94 and 4 lakhs of rupees respectively. But these do not by any means exhaust the products of the tree, every part of which as Mr. Innes has said in an article contributed to the Indian Munitions Board Handbook “has its own definite use or uses. The leaves are used for hutting and roofing and for the manufacture of brooms, baskets and umbrellas or are burnt for manure. The shells are the fuel of the Coast. The juice is drunk either fermented or unfermented and is made into jaggery and distilled into arrack . . . the trunks are employed in building or are used as water pipes.”

#### (i) Copra

95. The exports of copra, the dried kernel of the coconut, from Malabar ports in 1913-14 amounted to 762,000 cwt. at values double those which obtained in 1908-09. Of this quantity Germany took no less than 73 per cent and her elimination when war broke out caused a temporary paralysis in the trade but as April and May are normally the busiest months for shipment, the statistics for 1914-15 show only a comparatively small decline. Thereafter the trade with France considerably developed (her purchases in 1916-17 amounting to over 400,000 cwt. against a pre-war average of 55,823 cwt.) and the United Kingdom which had previously obtained the bulk of the coconut oil required for the manufacture of margarine from the Hamburg mills turned to Malabar for direct supplies of copra. The volume of business would undoubtedly have been even larger had it not been for the shortage of steamers to carry it owing to submarine losses which culminated in the year 1918-19, the despatches being limited in that year to 13 cwt. to the Bahrein Islands while the All-India total was less than 10,000 cwt. Malabar copra has for years commanded and still commands a higher price than any other in the world's markets chiefly because of its higher oil content, but partly also perhaps because it is wholly sundried. The principal port of shipment is Cochin.

#### (ii) Coconut oil

96. The exports of coconut oil in the quinquennium preceding the war were almost stationary. Germany which admitted copra free imposed a duty on the

imports of oil and took only 22 per cent of the total shipments from Malabar, though “Cochin” oil, as it is known in the trade, has always commanded a premium over other varieties.

97. While the war lasted and for some time afterwards, there was a marked development in the demand for edible oils, long popular on the continent, in the United Kingdom and butter substitutes became the rule and not the exception in every household. The governing factors being quite different, exports of coconut oil, unlike those of copra, were greatly stimulated during the war period, the shipments in 1914-15 amounting to 1,784,000 gallons as compared with 1,060,000 gallons in 1913-14. The figures for subsequent years are:—

| Years.  | GALLONS.  |
|---------|-----------|
| 1915-16 | 2,016,000 |
| 1916-17 | 2,019,000 |
| 1917-18 | 2,490,000 |
| 1918-19 | 3,885,000 |
| 1919-20 | 3,012,097 |
| 1920-21 | 1,794,042 |

The figures for 1918-19 were swelled by purchases on behalf of the Director of Oil and Seeds supply amounting to 2,198,000 gallons. The All-India shipments to the United Kingdom in this year totalled 5,760,000 gallons valued at over three-quarters of a million sterling.

98. The despatches of poonac (the resultant cake after expression of the oil) have never attained to any considerable dimensions. What little was shipped during the war period went to the United Kingdom which had not previously appreciated its value as a cattlefeed to anything like the same extent as Germany. (iii) Poonac

99. The manufacture of coir is the principal cottage industry of the Malabar littoral and as Mr. Innes has pointed out coir yarn is to some extent the currency of the Coast, for the workers (chiefly women), when they are not employed in any factory, take their hanks every evening to the bazaar to barter them for rice, chillies and other household necessities. These people were at first badly hit by the fall in values, which followed upon the outbreak of war and notwithstanding the support of the principal exporting firms which accumulated large stocks in excess of their immediate commitments, there was for a time not a little economic distress. The value of exports of coir manufacture in 1913-14 amounted to about Rs. 90 lakhs and of coir rope, fibre and matting to another Rs. 13 lakhs. The United Kingdom and Germany each took about 30 per cent of the trade and the balance went in about equal shares to Holland, France and Belgium, 29,329 tons of manufactured coir representing about 76 per cent of the whole was shipped from Cochin and the remainder entirely from Calicut. The season for shipment runs from September to May. The following table shows the quantities and values of the exports during the war period:— (iv) Coir and coir manufactures

| Years.  | TONS.  | RS.       |
|---------|--------|-----------|
| 1914-15 | 23,550 | 55,95,000 |
| 1915-16 | 26,800 | 63,15,000 |
| 1916-17 | 27,900 | 63,45,000 |
| 1917-18 | 19,000 | 43,50,000 |
| 1918-19 | 13,090 | 34,80,000 |

In 1910-11 the corresponding figures were 31,730 tons valued at Rs. 68,70,000 and in 1920-21, 29,360 tons valued at Rs. 96,53,000. A marked increase in values since 1914 will be noticed.

Mats and matting of every description are woven from coir yarn on hand-loom at Cochin and Alleppey. During the war several new lines were successfully introduced, shipments being chiefly from Cochin. For example, in the last two years of the war about 150,000 square yards of coir screening were supplied

monthly to the military authorities in France for camouflage purposes. The following table shows the exports of coir, rope and cordage from 1918-14 onwards:—

| Years.         | Quantity.<br>TONS. | Value.<br>RS. |
|----------------|--------------------|---------------|
| 1913-14 ... .. | 827                | 1,82,358      |
| 1914-15 ... .. | 459                | 1,03,466      |
| 1915-16 ... .. | 679                | 1,47,583      |
| 1916-17 ... .. | 627                | 1,16,482      |
| 1917-18 ... .. | 411                | 81,477        |
| 1918-19 ... .. | 523                | 1,16,725      |
| 1919-20 ... .. | 788                | 1,97,048      |
| 1920-21 ... .. | 456                | 1,37,043      |

Cotton

100. The various branches of the cotton trade continue to employ more capital and give employment to a larger number of people than any other industry carried on in this Presidency. The following statement shows the area on which cotton was grown during the last ten years with the weight and value of the cotton exported:—

| Year.          | Area under cultivation. | Exports of raw cotton. |             |
|----------------|-------------------------|------------------------|-------------|
|                |                         | Quantity.              | Value.      |
|                | ACS.                    | TONS.                  | RS.         |
| 1911-12 ... .. | 2,675,838               | 43,004                 | 3,90,22,462 |
| 1912-13 ... .. | 2,388,998               | 53,671                 | 4,07,52,691 |
| 1913-14 ... .. | 2,696,604               | 39,304                 | 3,05,96,193 |
| 1914-15 ... .. | 2,087,442               | 30,615                 | 2,26,73,126 |
| 1915-16 ... .. | 2,060,376               | 28,320                 | 1,74,09,658 |
| 1916-17 ... .. | 2,167,376               | 27,607                 | 2,39,33,311 |
| 1917-18 ... .. | 2,700,487               | 16,048                 | 1,97,83,589 |
| 1918-19 ... .. | 3,133,031               | 5,543                  | 1,07,73,187 |
| 1919-20 ... .. | 2,339,296               | 29,651                 | 4,25,39,472 |
| 1920-21 ... .. | 2,121,628               | 17,635                 | 2,26,96,920 |

Cotton  
ginning

101. According to the census returns, there were 59,253 people engaged in cotton ginning, cleaning and pressing in 1911 while the corresponding figure for 1921 is 20,844, and though the extent of the fall is probably exaggerated some part of it must be attributed to the increase in the number of ginning factories and cotton presses throughout the Presidency. Exclusive of a number of small factories employing only two or three gins, the total was 99 in 1911 and in 1921, 205.

Varieties of  
cotton

102. The principal cotton growing tracts in Madras fall into three well-marked divisions—

(1) The Ceded districts in which "Northerns" and "Westerns" are grown.  
(2) The uplands of Guntūr, Kistna, Nellore and Gōdāvari of which the first named is much the most important, where "Cocanadas" are grown.

(3) The Southern districts of Tinnevely, Rāmnād, Madura, Trichinopoly and Coimbatore where (1) "Cambodia" (a variety of American upland) is grown on red soils, (2) "Tinnevellies" of which pure *Karunganni* is much the most important variety, grown on black soils, and (3) *Uppam* cotton grown in Coimbatore and Trichinopoly districts and to a small extent in Salem, sold under the trade name of Salems. In a normal year raw cotton accounts for 16 per cent of the total exports of merchandise from the Madras Presidency and it has been calculated that on an average about 360,000 bales of 400 lb. each are available for export. The war brought into stronger relief the dependence of Japan upon India for unlimited supplies of this raw material and while hostilities lasted the carrying trade of Indian cotton to Japan was at least temporarily largely transferred from British to Japanese bottoms.

Cotton  
spinning

103. Hand spinning had long ceased to be of any commercial importance and, in fact, had practically died out except as a cottage industry in one or two remote

hand-weaving centres when the charka suddenly became a political mascot, but the revival of this industry in the Madras Presidency is strictly localized and the profits to be derived from it are insufficient to postulate any great extension of it as whole-time employment.

The following table shows the progress made by the mill industry since 1891:—

Statement showing progress of the mill industry since 1891.

| Number of                   | 1891.   | 1901.   | 1909-10. | 1917-18. | 1918-19. | 1919-20. |
|-----------------------------|---------|---------|----------|----------|----------|----------|
| Mills ... ..                | 8       | 11      | 12       | 13       | 13       | 15       |
| Looms ... ..                | 555     | 1,735   | 2,023    | 2,676    | 2,716    | 2,727    |
| Spindles ... ..             | 173,000 | 288,000 | 339,500  | 404,928  | 404,612  | 423,232  |
| Hands employed daily ... .. | 5,900   | 12,600  | 18,860   | 22,859   | 23,388   | 24,118   |

Though the cotton mills in existence in this Presidency as elsewhere in India have made very large profits during the last five years, there are still extensive cotton-growing areas where no spinning and weaving mills exist, the chief obstacle to development being the amount of capital required to instal the number of spindles and looms which experience has proved constitute the smallest economic unit likely to ensure commercial success.

104. In the following table an attempt has been made to arrive at the quantity of mill-made and foreign yarn available for handloom weaving industry in this Presidency:—

Quantity in lb. of mill-made and foreign yarn available for handloom weavers.

| Particulars.                                                              | Average of<br>1919-20—<br>1920-21. |
|---------------------------------------------------------------------------|------------------------------------|
| 1. Imports into the Madras Presidency:—                                   | LB.                                |
| Cotton twist and yarn—                                                    |                                    |
| (a) Sea-borne traffic ... ..                                              | 5,056,500                          |
| (b) Coastal traffic—Indian ... ..                                         | 3,083,500                          |
| (c) Do. Foreign ... ..                                                    | 206,000                            |
| (d) Rail-borne traffic—Indian ... ..                                      | 48,657,500                         |
| (e) Do. Foreign ... ..                                                    | 4,826,500                          |
| 2. Yarns produced in mills in the Madras Presidency ... ..                | 42,793,500                         |
| 3. Total quantity of yarns imported and produced in the Presidency ... .. | 104,623,500                        |
| 4. Exports from the Madras Presidency:—                                   |                                    |
| Cotton twist and yarn—                                                    |                                    |
| (a) Sea-borne traffic—Indian ... ..                                       | 4,406,500                          |
| (b) Do. Foreign ... ..                                                    | 8,000                              |
| (c) Coastal traffic—Indian ... ..                                         | 1,202,000                          |
| (d) Do. Foreign ... ..                                                    | 133,500                            |
| (e) Rail-borne traffic—Indian ... ..                                      | 28,973,000                         |
| (f) Do. Foreign ... ..                                                    | 3,499,500                          |
| 5. Weight of goods woven in mills in the Presidency ... ..                | 13,642,000                         |
| 6. Estimated consumption of yarn by cotton mills (x) ... ..               | 12,180,500                         |
| 7. Yarns exported and consumed by cotton mills in the Presidency ... ..   | 50,403,000                         |
| 8. Balance available for consumption outside the mills ... ..             | 54,220,500                         |

(x) Calculated at the rate of 100 lb. yarn = 112 lb. woven goods.

In the three years 1907-08 to 1909-10, the quantity available for the handloom industry was calculated at 179,572,000 lb. equivalent to an annual absorption of 59,857,333 lb. If both sets of figures are reliable, there is a decline of about 10 per cent to be accounted for, but there are so many factors involved in the calculation that any material error in a single item would vitiate comparisons.

Handloom  
Census

105. The census taken of the number of handlooms in the Presidency has given the following totals for each district:—

|                            |        |                           |         |
|----------------------------|--------|---------------------------|---------|
| Guntūr ... ..              | 14,974 | Bellary ... ..            | 5,102   |
| North Arcot ... ..         | 12,743 | Gōdāvari ... ..           | 5,078   |
| Tinnevely ... ..           | 11,394 | Rāmṇād ... ..             | 4,989   |
| Salem ... ..               | 10,841 | Anantapur ... ..          | 4,841   |
| Chingleput ... ..          | 10,600 | South Arcot ... ..        | 4,646   |
| Nellore ... ..             | 10,494 | Kurnool ... ..            | 4,419   |
| Malabar and Anjengo ... .. | 7,886  | Chittoor ... ..           | 3,862   |
| Coimbatore ... ..          | 7,714  | South Kanara ... ..       | 1,528   |
| Vizagapatam ... ..         | 7,438  | Madras City ... ..        | 1,527   |
| Madura ... ..              | 6,493  | Agency Division ... ..    | 1,526   |
| Kistna ... ..              | 6,349  | Banganapalle State ... .. | 929     |
| Tanjore ... ..             | 6,299  | Nilgiris ... ..           | Nil.    |
| Cuddapah ... ..            | 6,251  |                           |         |
| Trichinopoly ... ..        | 5,898  |                           |         |
| Ganjām ... ..              | 5,582  | Total ... ..              | 169,403 |

106. According to the Statistical Atlas of the Madras Presidency, the number of handlooms in 1900 was 167,806. Comparison with the district figures is impossible in most cases owing to changes in territorial distribution, but in those instances where it is possible the larger variations do not lend themselves to obvious explanations. In Malabar there were 6,328 looms as compared with 7,886 now and in South Kanara 1,317 as compared with 1,528. On the other hand, while the total for Ganjām has fallen from 10,320 to 6,030 (including the Balligudā Agency), Vizagapatam (including Jeypore and Koraput) has increased from 1,461 to 7,931. Anantapur records 4,841 as compared with 2,299 twenty years ago, while Bellary has fallen from 9,284 to 5,102 and Tanjore from 9,598 to 6,299.

Census of  
weavers

107. The counter-check made in certain localities by officers of the Department of Industries inclines one to the belief that there should have been disclosed a rather more marked increase in the number of looms. When we turn, however, to the statistics showing the population supported by cotton weaving, we find a very marked fall, the total for the combined head (cotton spinning, sizing and weaving) being 1,118,628 in 1911 as compared with 687,083 in 1921 and even if we add the number of "weavers unspecified" amounting to 224,818, it is obvious there has been a considerable drop which cannot altogether be accounted for by factors such as the existence of famine conditions in certain districts of the Presidency at the time the census was taken. The number of handloom weavers in 1911 was estimated at 368,509 as compared with 365,112 in 1891 and 381,132 in 1901, whereas if we assume that each weaver supports two others, the figure for 1921 deduced from that showing the population supported by the industry is rather less than 304,000. The attempt to organize the handloom industry in small factories has definitely proved a failure chiefly owing to the indolence and indiscipline of the workers, though such factories would greatly reduce the time taken in preliminary processes. With the laborious methods of warping and sizing now employed the average outturn of the handloom weaver does not much exceed 100 lb. of cloth per head per annum. The popularization of the fly shuttle has, however, done something to increase the output and attempts are being made by the weaving branch of the Department of Industries to introduce simple machinery to be worked by groups of weavers without bringing them into factories which should further increase their capacity to earn. But as was observed in 1911 the future of the handloom industry depends almost entirely upon the improvement of the hand weaver himself.

Fly shuttle

108. The development in the use of the fly shuttle has been most marked in the Tamil districts. The converts in the Northern Circars have to some extent backslided and also in the Ceded districts, the reason most commonly suggested being that sowcars who finance the industry find it difficult to market the increased outturn of the looms and to keep the coolie weavers supplied with yarn.

Many silk weavers have also adopted the fly shuttle but it is not suitable for the solid bordered sarees which are made at Salem and in the Tanjore district.

109. As to whether the economic condition of the handloom weavers has deteriorated during the last ten years it would be hazardous to express any decided opinion. There are clear indications in certain urban weaving centres of more material prosperity but the village-weaver for the most part remains as ever incorrigibly lazy and improvident.

110. The population supported by dyeing and the bleaching of yarn amounted to 28,527 in addition to 85 persons returned as supported by printing and preparation and sponging of textiles, making a total of 28,612 as compared with 17,096 in 1911 and 23,061 in 1901. There is reason to believe that figures for 1911 were considerably under the mark; but probably some progress has been made during the last ten years, for the industry is at any rate, on the commercial side, in a very flourishing state in Madura which is the principal centre. About half the total imports of the Presidency go into the Madura market. There are only four dye works employing ten people and upwards, one in Madura, one in Bellary and two in Kistna. Most of the dyeing is done in the dyer's own house by himself and his family, who possess no knowledge of chemistry and work according to rough and ready rule of thumb methods. The statement below shows the quantity in lb. of alizarine and aniline dyes imported during the last ten years. The values are not given because during the war period they touched almost unimaginable heights.

| Year.   | Alizarine.<br>LB. | Aniline.<br>LB. |
|---------|-------------------|-----------------|
| 1911-12 | 1,254,830         | 313,353         |
| 1912-13 | 1,761,709         | 457,292         |
| 1913-14 | 1,479,124         | 486,011         |
| 1914-15 | 771,168           | 141,752         |
| 1915-16 | 31,248            | 11,355          |
| 1916-17 | 50,772            | 49,240          |
| 1917-18 | 20,823            | 40,520          |
| 1918-19 | 405,862           | 11,984          |
| 1919-20 | 761,979           | 98,619          |
| 1920-21 | 887,980           | 139,646         |

The normal development of the industry was very much interfered with by the war. When supplies of synthetic dyes became increasingly difficult to obtain, it was found that little use could be made of indigenous vegetable dyes other than indigo owing to many of the plants from which they were formerly derived having practically gone out of cultivation, and even the supplies obtained gave little satisfaction as the resultant shades did not compare favourably with those to which the dyers had grown accustomed. An interesting feature of the past ten years has been the increasing demand for fast dyes.

111. It is a matter for regret that the ryot continues to display a marked indifference, except perhaps for sugarcane cultivation, to the advantages of employing suitable manures. Quantities of oil-cake and animal bones are annually exported because there is no market for them in Southern India and the bulk of fertilizers manufactured in this Presidency is also exported, the only considerable market for them being among the planting community. The output of Messrs. Parry & Co.'s works at Rānipēttai continues nevertheless to increase, and in 1919 Messrs. Stanes & Co., Coimbatore, were given two blocks in the Trichinopoly district for the extraction of phosphatic nodules for conversion into fertilizer, a maximum price being fixed for the powdered meal in the hope of encouraging orders from the ryots of the Cauvery delta.

112. The declaration of hostilities in 1914 closed the markets of the world to synthetic indigo and in a very short time the shortage of dyestuffs among the Allies except perhaps Japan became acute and when indigo sales were resumed in Calcutta in December 1914, prices were nearly four times as high as those of the previous March. With this encouragement to exporters and with Indian dyers finding supplies of aniline increasingly difficult to obtain and then only at



extravagant rates, the area under cultivation increased by over 100 per cent in 1915-16 and again by another 100 per cent in the following year. This increase was most marked in Madras where unlike Bihar indigo is for the most part cultivated by small holders and the inferior grade of dye produced largely disappears in local consumption though there has always been a definite market for the better grade, particularly in the Levant. But the improvement noted was only temporary. The secret of aniline manufacture was rediscovered by British chemists and the Badische branch works in the United Kingdom were re-opened. In 1917-18 the marked fall in prices was reflected in a fall in the acreage cultivated and in 1918-19 these elements were even more accentuated though a substantial recovery was recorded in the volume of exports. The shipments of indigo from the Madras ports from 1913-14 onwards are shown in the following table:—

| Year.   | CWT.   |
|---------|--------|
| 1913-14 | 1,787  |
| 1914-15 | 5,393  |
| 1915-16 | 26,171 |
| 1916-17 | 12,280 |
| 1917-18 | 3,411  |
| 1918-19 | 10,246 |
| 1919-20 | 12,138 |
| 1920-21 | 4,874  |

The particularly heavy shipments in 1915-16 went chiefly to the United Kingdom but also to Egypt (for orders), Persia and the United States. Even during the war India failed to make much impression on the Far Eastern markets. China and Japan have always been by far the largest buyers of indigo and owing to the very large stocks accumulated, the cutting off of German supplies was less severely felt in those quarters. With natural indigo prices gradually receding and with better returns obtainable from other agricultural products, the area under this crop is likely before long to return to its pre-war level.

113. In addition to the locomotive and carriage building works of the M. & S.M. Railway at Perambur and those of the S.I. Railway at Negapatam and smaller running repair sheds at the more important junctions, and the P.W.D. shops at Madras, Bezvada and Dowlaisweram, there are several private engineering works in the Presidency town itself, and one at Cochin. Besides these there are a number of workshops where motor repairs, castings, etc., are attended to in some of the larger industrial schools. In 1921, there were including Local Fund and Municipal workshops 53 engineering establishments in existence employing 21,525 persons as compared with 12 employing 2,202 persons in 1911, which gives, it is thought, a fairly accurate illustration of the developments in this line during the last ten years.

114. At the time the census was taken there were 8 saw mills in the Presidency employing altogether 725 persons, the only two modern mills fitted with up-to-date machinery being in Malabar where 608 persons were employed.

115. Though there is no true jute (*corchorus*) grown in Madras, Deccan hemp (*hibiscus cannabinus*) which is known locally as Bimlipatam jute is largely grown in Northern Circars and yields a fibre which is very similar and can be put to practically the same uses. The area under *hibiscus cannabinus* in Madras is 70,000 to 80,000 acres and the chief ports of export are Bimlipatam, Vizagapatam and Cocanada. The pre-war destinations were the United Kingdom (67 per cent) and France (8 per cent) but in 1913-14 Germany took 5,000 tons equivalent nearly to 25 per cent of the whole. The table below shows the exports of Bimlipatam raw jute from Madras ports during the last decennium:—

| Year.   | Quantity.<br>TONS. | Value.<br>RS. | Year.   | Quantity.<br>TONS. | Value.<br>RS. |
|---------|--------------------|---------------|---------|--------------------|---------------|
| 1911-12 | 3,010              | 7,49,786      | 1916-17 | 6,090              | 16,84,030     |
| 1912-13 | 3,485              | 9,88,952      | 1917-18 | 32                 | 8,264         |
| 1913-14 | 22,003             | 77,69,884     | 1918-19 | 2,376              | 9,11,256      |
| 1914-15 | 6,822              | 14,22,883     | 1919-20 | 5,911              | 23,46,272     |
| 1915-16 | 5,867              | 12,60,032     | 1920-21 | 749                | 2,62,245      |

Engineering  
works and  
saw mills

Jute

The large increase in 1913-14 was due to the temporary closing of the Chittivalasa mill which released a large quantity of raw jute for export.

The export trade lacking the organization of the Bengal jute industry and dependent upon an uncertain and gradually diminishing steamer service at three non-terminal ports was, it will be seen from the above figures, greatly curtailed during the last two years of the war. There were at the time the census was taken only two factories in the Madras Presidency which deal with this fibre, one being at Chittivalasa near Bimlipatam and the other at Ellore. The local demand for gunnies absorbs practically the whole production of these mills. A third mill was under construction at Nellimarla near Vizagapatam at the close of the period under review.

116. In examining the census returns for industries connected with hides and skins, one must remember that the leather trade throughout the world was suffering from a period of most acute depression at the time the census was taken, which was partly attributable to the sudden cessation of hostilities in November 1918 which left an enormous quantity of finished leather and raw hides in particular to be disposed of for other than military requirements. The importance of the leather trade in the Madras Presidency in pre-war times may be illustrated by the figures of export for 1913-14—

Leather

| Year.   | Tanned skins. |             | Tanned hides. |             |
|---------|---------------|-------------|---------------|-------------|
|         | Quantity.     | Value.      | Quantity.     | Value.      |
|         | CWT.          | RS.         | CWT.          | RS.         |
| 1913-14 | 110,535       | 2,23,71,263 | 142,370       | 1,23,25,371 |

The success of chrome tanning has now been commercially proved and a regular industrial colony has been set up by the original firm which pioneered this form of tanning at Chromepet near Pallavaram which in 1918 employed about 1,000 hands, and at the present time nearly 1,500.

117. The Madras tanners of skins enjoyed great prosperity during the first two and a half years of the war, the United States market being particularly active. High prices encouraged the tanning of skins in preference to hides though the demand for the former for war purposes was very limited, and led to undesirable competition between the tanner of hides and skins, extravagant rates being demanded for bark. Finally an apprehended shortage in the supply of East India "kips" for the War Office compelled the Government of India to prohibit the tanning of sheep and goat skins in the Madras and Bombay Presidencies with effect from the 28th April 1917 and an absolute embargo was placed upon the export of tanned skins from India from the 15th May 1917 though permission was afterwards given to ship the balance of stocks held on the 31st August 1918. The course of trade during the war years and after is well illustrated by the table below:—

Tanned skins

Exports of tanned skins from Madras ports from 1914-15 to 1920-21.

| Year.   | Quantity. | Index number. | Value.      | Index number. |
|---------|-----------|---------------|-------------|---------------|
|         | CWT.      |               | RS.         |               |
| 1914-15 | 97,472    | 100           | 1,89,87,769 | 100           |
| 1915-16 | 105,066   | 108           | 2,11,51,059 | 111           |
| 1916-17 | 132,958   | 136           | 3,97,46,607 | 209           |
| 1917-18 | 10,350    | 11            | 57,77,460   | 30            |
| 1918-19 | 26,572    | 27            | 98,33,534   | 52            |
| 1919-20 | 82,180    | 84            | 4,09,18,411 | 215           |
| 1920-21 | 47,360    | 49            | 1,80,64,472 | 95            |

The improvement in the volume of shipments in 1919-20 is attributable to the removal of the embargo on tanning and export, the record prices realized being due to the heavy demands chiefly from the United States of America to make good the shortage caused by export restrictions during the previous two years.



## Tanned hides

118. No less illuminating are the corresponding figures for tanned hides (East India "kips"). In the first three years of the war, trade as revealed by the statistics followed a more or less normal course. In 1917-18, however, there was a great shortage of freight and very large quantities were awaiting shipment at the end of the year which help to swell the astonishing figures of 1918-19. The total for 1919-20 was in the circumstances no less remarkable, but in 1920-21 came a collapse, not only, it will be noticed, in volume but also in values.

*Exports of tanned hides from Madras ports from 1912-13 to 1920-21.*

| Year.   | Quantity. | Value.      |
|---------|-----------|-------------|
|         | CWT.      | RS.         |
| 1912-13 | 192,206   | 1,60,27,098 |
| 1913-14 | 142,370   | 1,23,25,371 |
| 1914-15 | 170,263   | 1,79,88,887 |
| 1915-16 | 222,418   | 2,36,58,445 |
| 1916-17 | 142,954   | 1,85,07,241 |
| 1917-18 | 3,180     | 3,63,119    |
| 1918-19 | 450,480   | 6,46,62,529 |
| 1919-20 | 375,020   | 5,59,42,838 |
| 1920-21 | 65,160    | 86,32,753   |

## Silk

119. As far as the Madras Presidency is concerned, sericulture is confined to the Kollegal taluk in Coimbatore district. The area under mulberry during the past four years has been as follows:—

| Year.   | ACS.   |
|---------|--------|
| 1917-18 | 11,244 |
| 1918-19 | 12,244 |
| 1919-20 | 11,880 |
| 1920-21 | 11,141 |

## Silk weavers

The figures for the first six years of the decennium are unfortunately not available. Mr. Lefroy estimated the outturn of mulberry silk in this area in 1916 at 400,000 lb. which is quite insufficient for the needs of the Presidency and is supplemented not only by foreign imports but also by considerable rail-borne imports from Mysore, 90 per cent of which are used by silk weavers of the Presidency and the balance exported. According to the census returns the population supported by silk spinning and weaving has fallen from 74,773 to 34,984, but this may in part be due to the exclusion of weavers who only use silk for the border of the cloths which they manufacture and are therefore more correctly classified as cotton weavers. The silk brocades chiefly made in Tanjore continue to engage a considerable number of skilled artisans who dispute with the weavers of fine counts of cotton at Pullampet the claim to be the exponents of the highest developments of the weavers' art in Southern India.

A census was also taken of the numbers of those actually engaged in silk weaving, the Presidency totals (excluding Native States) being 10,481 males and 4,642 females. The two districts where the bulk of silk weaving is done are Tanjore (2,524 males and 631 females) and Trichinopoly (2,413 males and 601 females) followed by Chingleput with 1,248 males and 1,158 females disclosing an unusually high proportion of women and Salem with 1,149 males and 430 females.

## Sugar

120. The area under sugarcane in 1920-21 was 103,308 acres and under palmyra 83,616 as compared with 94,879 acres and 88,740 acres, respectively, ten years earlier. The total population supported by makers of sugar, molasses and gur is 27,146 in 1921 as compared with 25,093 in 1911. Of modern sugar factories there are only seven in the Presidency, the most important being that at Nellikuppam in South Arcot district. In most parts of the country the fragmentation of holdings operates to discourage the cultivation of sugarcane in areas sufficiently large to justify the establishment of central factories as in Java and the prospects of the industry seem to lie, at any rate for some time to come, in the development

of small factories, on the lines of the concern under the control of the Department of Industries at Pallapalayam near Coimbatore which receives cane from the neighbouring ryots and charges so much per *pothi* for the jaggery produced. The very large expenditure necessary to obtain the machinery for the extraction of white sugar and the more favourable prices obtainable for gur make the production of the latter at present decidedly more profitable. The difficulty about the utilization of the palmyra for sugar extraction is chiefly attributable to the sporadic distribution of the trees. A great deal of work has been done during the last ten years in the direction of growing and distributing improved cane to the ryots from the cane breeding station at Coimbatore which is financed by the Imperial Department of Agriculture.

121. The cultivation of oil-seeds is carried on extensively in most of the districts of the Presidency as the following table shows:—

Vegetable oils

*Statement showing the area under cultivation of each kind of oil-seeds for 1920-21.*

| District.    | Gingelly. | Groundnut. | Castor. | Coconut. | Cotton.   |
|--------------|-----------|------------|---------|----------|-----------|
| 1            | 2         | 3          | 4       | 5        | 6         |
|              | ACS.      | ACS.       | ACS.    | ACS.     | ACS.      |
| Total        | 752,622   | 1,599,738  | 390,668 | 544,747  | 2,121,628 |
| Ganjām       | 57,189    | 22,216     | 3,254   | 10,821   | 2,040     |
| Vizagapatam  | 138,917   | 38,155     | 3,568   | 3,036    | 19,000    |
| Godāvari     | 71,954    | 16         | 1,790   | 48,725   | 4,950     |
| Kistna       | 98,315    | 2,091      | 15,019  | 9,465    | 43,636    |
| Guntūr       | 848       | 6,464      | 43,961  | 660      | 133,208   |
| Kurnool      | 2,514     | 66,796     | 37,849  | 68       | 306,645   |
| Bellary      | 12,860    | 19,673     | 36,693  | 2,260    | 446,387   |
| Anantapur    | 20,451    | 118,370    | 67,850  | 961      | 111,097   |
| Uddapah      | 7,072     | 144,298    | 19,343  | 143      | 73,979    |
| Nellore      | 3,137     | 1,254      | 37,138  | 263      | 31,310    |
| Chingleput   | 23,347    | 32,590     | 63      | 6,387    | 1         |
| South Arcot  | 40,898    | 438,793    | 869     | 3,625    | 1,413     |
| Chittoor     | 5,551     | 38,068     | 15,905  | 2,347    | 740       |
| North Arcot  | 22,057    | 221,705    | 6,914   | 12,890   | 1,645     |
| Salem        | 25,629    | 88,945     | 21,489  | 10,362   | 24,653    |
| Coimbatore   | 22,436    | 78,828     | 17,996  | 7,669    | 254,222   |
| Trichinopoly | 43,939    | 88,176     | 13,696  | 6,388    | 38,857    |
| Tanjore      | 16,720    | 87,092     | 589     | 30,666   | 885       |
| Madura       | 26,582    | 68,643     | 11,983  | 5,479    | 129,634   |
| Rāmnaḍ       | 22,339    | 33,663     | 2,940   | 6,572    | 251,811   |
| Tinnevely    | 39,529    | 3,003      | 2,337   | 4,870    | 242,379   |
| Malabar      | 14,464    | 631        | 403     | 323,967  | 322       |
| South Kanara | 2,908     | ...        | 212     | 46,801   | 164       |
| Nilgiris     | 30        | ...        | ...     | ...      | ...       |
| Anjengo      | ...       | ...        | ...     | 339      | ...       |
| Agency       | 34,886    | 268        | 28,907  | 185      | 2,650     |

122. The copra and coconut oil industry have already been dealt with in another part of this chapter. Of the remaining oil-seeds, a large amount enters into local consumption, but the export trade to other parts of India and to foreign countries is, particularly in the case of groundnut, of considerable magnitude. The following table shows the average weight and value of the exports of oil-seeds other than copra in 1913-14 and also the number of gallons and value of the oils derived therefrom exported in that year:—

|             | Oils.     |          | Oil-seeds. |             |
|-------------|-----------|----------|------------|-------------|
|             | Quantity. | Value.   | Quantity.  | Value.      |
| 1           | 2         | 3        | 4          | 5           |
|             | GALLS.    | RS.      | CWT.       | RS.         |
| Gingelly    | 53,102    | 1,12,804 | 65,411     | 6,65,888    |
| Groundnut   | 279,895   | 4,34,063 | 3,945,362  | 3,44,48,448 |
| Castor      | 109,895   | 1,33,993 | 188,567    | 13,40,350   |
| Other sorts | 133,623   | 1,90,329 | 1,900      | 13,553      |
| Cotton      | ...       | ...      | 83,832     | 3,21,743    |

The census returns show that the persons supported by the manufacture and refining of vegetable oils is just under 40,000 in 1920-21 as compared with 53,000 which included an inconsiderable number engaged in the manufacture and refining of mineral oils in 1911. The decline may be attributed to a further increase in the number of small mills worked by power which reduces the number of hands employed in oil extraction. The attempt made by the Eastern Development Corporation to extract dhupa fat from the seeds of the *vateria indica* in South Kanara failed owing to the uncertain cropping of the trees and the difficulty of collection as the fruit ripens and falls just after the south-west monsoon has burst. No recent figures are available as to the number of oil mills in this Presidency. The bulk of them are too small to figure either in factory or census returns.

## THE OCCUPATION SUBSIDIARY TABLES.

## 1.—General distribution by occupation.

| Class, sub-class and order.                                                                           | Number per 10,000 of total population. |                 | Percentage in each class, sub-class and order of |             |
|-------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------|--------------------------------------------------|-------------|
|                                                                                                       | Persons supported.                     | Actual workers. | Actual workers.                                  | Dependents. |
| 1                                                                                                     | 2                                      | 3               | 4                                                | 5           |
| Class A.—Production of raw materials ... ..                                                           | 7,252.4                                | 3,529.7         | 48.7                                             | 51.3        |
| SUB-CLASS I.—Exploitation of animals and vegetation ...                                               | 7,250.2                                | 3,528.7         | 48.7                                             | 51.3        |
| Order 1. Pasture and agriculture—                                                                     |                                        |                 |                                                  |             |
| (a) Ordinary cultivation ... ..                                                                       | 7,230.8                                | 3,411.9         | 48.5                                             | 51.5        |
| (b) Growers of special products and market gardening ... ..                                           | 46.5                                   | 23.2            | 50.0                                             | 50.0        |
| (c) Forestry ... ..                                                                                   | 16.0                                   | 7.54            | 47.1                                             | 52.9        |
| (d) Raising of farm stock ... ..                                                                      | 97.7                                   | 59.2            | 60.6                                             | 39.4        |
| (e) Raising of small animals ... ..                                                                   | 0.4                                    | 0.24            | 50.8                                             | 49.2        |
| Order 2. Fishing and hunting ... ..                                                                   | 57.3                                   | 26.63           | 46.5                                             | 53.5        |
| SUB-CLASS II.—Exploitation of minerals ... ..                                                         | 2.2                                    | 0.98            | 45.3                                             | 54.7        |
| Order 3. Mines ... ..                                                                                 | 0.4                                    | 0.13            | 37.2                                             | 62.8        |
| 4. Quarries of hard rocks ... ..                                                                      | 1.4                                    | 0.66            | 47.3                                             | 52.7        |
| 5. Salt, etc. ... ..                                                                                  | 0.4                                    | 0.19            | 45.5                                             | 54.5        |
| Class B.—Preparation and supply of material substances ... ..                                         | 1,893.6                                | 849.17          | 44.8                                             | 55.2        |
| SUB-CLASS III.—Industry ... ..                                                                        | 1,224.6                                | 518.64          | 46.1                                             | 53.9        |
| Order 6. Textiles ... ..                                                                              | 263.3                                  | 124.21          | 47.2                                             | 52.8        |
| 7. Hides, skins and hard materials from the animal kingdom ... ..                                     | 16.3                                   | 7.1             | 43.6                                             | 56.4        |
| 8. Wood ... ..                                                                                        | 118.5                                  | 48.99           | 41.3                                             | 58.7        |
| 9. Metals ... ..                                                                                      | 40.6                                   | 15.1            | 37.1                                             | 62.9        |
| 10. Ceramics ... ..                                                                                   | 53.0                                   | 25.2            | 47.5                                             | 52.5        |
| 11. Chemical products properly so called and analogous ... ..                                         | 11.1                                   | 4.9             | 44.2                                             | 55.8        |
| 12. Food industries ... ..                                                                            | 127.5                                  | 54.6            | 42.8                                             | 57.2        |
| 13. Industries of dress and the toilet ... ..                                                         | 256.6                                  | 133.4           | 52.0                                             | 48.0        |
| 14. Furniture industries ... ..                                                                       | 0.6                                    | 0.20            | 34.6                                             | 65.4        |
| 15. Building industries ... ..                                                                        | 133.3                                  | 65.4            | 49.1                                             | 50.9        |
| 16. Construction of means of transport ... ..                                                         | 1.4                                    | 0.47            | 34.7                                             | 65.3        |
| 17. Production and transmission of physical forces (heat, light, electricity, motive power, etc.) ... | 0.6                                    | 0.22            | 37.4                                             | 62.6        |
| 18. Other miscellaneous and undefined industries ...                                                  | 101.8                                  | 38.85           | 38.2                                             | 61.8        |
| SUB-CLASS IV.—Transport ... ..                                                                        | 126.4                                  | 45.73           | 38.6                                             | 61.4        |
| Order 19. Transport by air ... ..                                                                     | ...                                    | ...             | ...                                              | ...         |
| 20. Transport by water ... ..                                                                         | 11.3                                   | 4.4             | 39.2                                             | 60.8        |
| 21. Transport by road ... ..                                                                          | 74.1                                   | 29.65           | 40.0                                             | 60.0        |
| 22. Transport by rail ... ..                                                                          | 34.1                                   | 12.38           | 36.4                                             | 63.6        |
| 23. Post office, Telegraph and Telephone services ...                                                 | 6.9                                    | 2.3             | 33.1                                             | 66.9        |
| SUB-CLASS V.—Trade ... ..                                                                             | 642.6                                  | 281.8           | 43.8                                             | 56.2        |
| Order 24. Banks, establishments of credit exchange and insurance ... ..                               | 27.1                                   | 10.1            | 37.4                                             | 62.6        |
| 25. Brokerage, commission and export ... ..                                                           | 4.9                                    | 1.7             | 33.9                                             | 66.1        |
| 26. Trade in textiles ... ..                                                                          | 24.1                                   | 10.7            | 44.3                                             | 55.7        |
| 27. Trade in skins, leather and furs ... ..                                                           | 12.1                                   | 4.2             | 35.0                                             | 65.0        |
| 28. Trade in wood ... ..                                                                              | 9.7                                    | 3.8             | 39.0                                             | 61.0        |
| 29. Trade in metals ... ..                                                                            | 2.5                                    | 0.8             | 35.8                                             | 64.2        |
| 30. Trade in pottery, bricks and tiles ... ..                                                         | 5.1                                    | 2.8             | 54.6                                             | 45.4        |
| 31. Trade in chemical products ... ..                                                                 | 4.9                                    | 2.2             | 44.0                                             | 56.0        |
| 32. Hotels, cafes and restaurants, etc. ... ..                                                        | 33.4                                   | 14.4            | 43.1                                             | 56.9        |
| 33. Other trade in food-stuffs ... ..                                                                 | 271.2                                  | 122.5           | 45.2                                             | 54.8        |
| 34. Trade in clothing and toilet articles ... ..                                                      | 25.4                                   | 10.2            | 40.1                                             | 59.9        |
| 35. Trade in furniture ... ..                                                                         | 6.3                                    | 2.3             | 36.6                                             | 63.4        |
| 36. Trade in building materials ... ..                                                                | 5.0                                    | 2.3             | 45.5                                             | 54.5        |
| 37. Trade in means of transport ... ..                                                                | 5.9                                    | 2.7             | 44.9                                             | 55.1        |
| 38. Trade in fuel ... ..                                                                              | 17.6                                   | 9.6             | 54.5                                             | 45.5        |
| 39. Trade in articles of luxury and those pertaining to letters and the arts and sciences ...         | 20.0                                   | 8.1             | 40.5                                             | 59.5        |
| 40. Trade of other sorts ... ..                                                                       | 167.4                                  | 73.4            | 43.9                                             | 56.1        |

## 1.—General distribution by occupation—concluded.

| Class, sub-class and order.                                             | Number per 10,000 of total population. |                 | Percentage in each class, sub-class and order of |             |
|-------------------------------------------------------------------------|----------------------------------------|-----------------|--------------------------------------------------|-------------|
|                                                                         | Persons supported.                     | Actual workers. | Actual workers.                                  | Dependants. |
| 1                                                                       | 2                                      | 3               | 4                                                | 5           |
| <b>Class C.—Public administration and liberal arts</b> ...              | <b>252.0</b>                           | <b>95.00</b>    | <b>37.7</b>                                      | <b>62.3</b> |
| SUB-CLASS VI.—Public force ...                                          | 38.8                                   | 14.5            | 37.3                                             | 62.7        |
| Order 41. Army ...                                                      | 2.7                                    | 1.2             | 42.2                                             | 57.8        |
| " 42. Navy ...                                                          | ...                                    | ...             | 57.1                                             | 42.9        |
| " 43. Air force ...                                                     | ...                                    | ...             | ...                                              | ...         |
| " 44. Police ...                                                        | 36.1                                   | 13.3            | 36.9                                             | 63.1        |
| SUB-CLASS VII.—Public administration ...                                | 75.3                                   | 28.1            | 37.4                                             | 62.6        |
| Order 45. Public administration ...                                     | 75.3                                   | 28.1            | 37.4                                             | 62.6        |
| SUB-CLASS VIII.—Professions and liberal arts ...                        | 137.9                                  | 52.4            | 38.0                                             | 62.0        |
| Order 46. Religion ...                                                  | 45.2                                   | 16.4            | 36.3                                             | 63.7        |
| " 47. Law ...                                                           | 10.7                                   | 3.4             | 31.8                                             | 68.2        |
| " 48. Medicine ...                                                      | 21.4                                   | 8.1             | 37.9                                             | 62.1        |
| " 49. Instruction ...                                                   | 30.2                                   | 12.0            | 39.8                                             | 60.2        |
| " 50. Letters and arts and sciences ...                                 | 30.4                                   | 12.5            | 41.1                                             | 58.9        |
| <b>Class D.—Miscellaneous</b> ...                                       | <b>602.0</b>                           | <b>314.7</b>    | <b>52.3</b>                                      | <b>47.7</b> |
| SUB-CLASS IX.—Persons living on their income ...                        | 16.2                                   | 6.5             | 40.0                                             | 60.0        |
| Order 51. Persons living principally on their income ...                | 16.2                                   | 6.5             | 40.0                                             | 60.0        |
| SUB-CLASS X.—Domestic service ...                                       | 44.8                                   | 22.3            | 49.8                                             | 50.2        |
| Order 52. Domestic service ...                                          | 44.8                                   | 22.3            | 49.8                                             | 50.2        |
| SUB-CLASS XI.—Insufficiently described occupations ...                  | 493.1                                  | 255.4           | 51.8                                             | 48.2        |
| Order 53. General terms which do not indicate a definite occupation ... | 493.1                                  | 255.4           | 51.8                                             | 48.2        |
| SUB-CLASS XII.—Unproductive ...                                         | 47.9                                   | 30.5            | 63.8                                             | 36.2        |
| Order 54. Inmates of jails, asylums and almshouses ...                  | 3.1                                    | 2.7             | 87.0                                             | 13.0        |
| " 55. Beggars, vagrants, prostitutes ...                                | 44.8                                   | 27.8            | 62.2                                             | 37.8        |
| " 56. Other unclassified non-productive industries...                   | ...                                    | ...             | 42.0                                             | 58.0        |

## 2.—Distribution by occupation in natural divisions.

| Occupation.                                                       | Number per 10,000 of total population supported in |                   |              |                     |                   |              |
|-------------------------------------------------------------------|----------------------------------------------------|-------------------|--------------|---------------------|-------------------|--------------|
|                                                                   | Agency.                                            | East Coast North. | Deccan.      | East Coast Central. | East Coast South. | West Coast.  |
| 1                                                                 | 2                                                  | 3                 | 4            | 5                   | 6                 | 7            |
| <b>Class A.—Production of raw materials</b> ...                   | <b>8,207</b>                                       | <b>7,465</b>      | <b>7,614</b> | <b>7,195</b>        | <b>7,084</b>      | <b>6,662</b> |
| SUB-CLASS I.—Exploitation of animals and vegetation ...           | 8,207                                              | 7,461             | 7,611        | 7,194               | 7,084             | 6,659        |
| 1. (a) Ordinary cultivation ...                                   | 8,042                                              | 7,241             | 7,455        | 6,999               | 6,897             | 6,246        |
| (b) Cultivation of special products and market gardening ...      | 4                                                  | 5                 | 5            | 46                  | 48                | 192          |
| 2. Raising of farm stock and small animals ...                    | 143                                                | 133               | 114          | 97                  | 78                | 32           |
| 3. Others ...                                                     | 15                                                 | 13                | 31           | 15                  | 7                 | 36           |
| 4. Fishing and hunting ...                                        | 3                                                  | 69                | 6            | 37                  | 54                | 153          |
| SUB-CLASS II.—Exploitation of minerals ...                        | ...                                                | 4                 | 3            | 1                   | ...               | 3            |
| <b>Class B.—Preparation and supply of material substances</b> ... | <b>665</b>                                         | <b>1,745</b>      | <b>1,701</b> | <b>1,798</b>        | <b>2,062</b>      | <b>2,691</b> |
| SUB-CLASS III.—Industry ...                                       | 354                                                | 1,051             | 1,074        | 1,064               | 1,248             | 1,478        |
| 1. Textiles ...                                                   | 133                                                | 228               | 290          | 274                 | 263               | 345          |
| 2. Wood industry ...                                              | 26                                                 | 117               | 68           | 87                  | 119               | 279          |
| 3. Metal industry ...                                             | 57                                                 | 16                | 24           | 46                  | 50                | 70           |
| 4. Ceramics ...                                                   | 35                                                 | 38                | 59           | 54                  | 67                | 78           |
| 5. Food industry ...                                              | 17                                                 | 59                | 41           | 104                 | 196               | 305          |
| 6. Industries of dress and the toilet ...                         | 44                                                 | 383               | 355          | 199                 | 216               | 166          |
| 7. Building industries ...                                        | 16                                                 | 93                | 140          | 139                 | 201               | 92           |
| 8. Other industries ...                                           | 26                                                 | 117               | 67           | 161                 | 146               | 143          |
| SUB-CLASS IV.—Transport ...                                       | 14                                                 | 82                | 89           | 135                 | 140               | 249          |
| SUB-CLASS V.—Trade ...                                            | 297                                                | 612               | 538          | 599                 | 674               | 961          |
| 1. Foodstuffs ...                                                 | 61                                                 | 284               | 172          | 276                 | 320               | 586          |
| 2. Textiles ...                                                   | 11                                                 | 27                | 32           | 21                  | 15                | 44           |
| 3. Others ...                                                     | 225                                                | 301               | 334          | 302                 | 339               | 334          |
| <b>Class C.—Public administration and liberal arts</b> ...        | <b>66</b>                                          | <b>202</b>        | <b>226</b>   | <b>258</b>          | <b>284</b>        | <b>359</b>   |
| SUB-CLASS VI.—Public force ...                                    | 19                                                 | 39                | 52           | 44                  | 33                | 34           |
| " VII.—Public administration ...                                  | 40                                                 | 64                | 96           | 77                  | 81                | 79           |
| " VIII.—Professions and liberal arts ...                          | 27                                                 | 99                | 78           | 137                 | 170               | 246          |
| <b>Class D.—Miscellaneous</b> ...                                 | <b>1,042</b>                                       | <b>588</b>        | <b>459</b>   | <b>749</b>          | <b>569</b>        | <b>288</b>   |
| SUB-CLASS IX.—Persons living on their income ...                  | ...                                                | 10                | 9            | 30                  | 11                | 18           |
| " X.—Domestic service ...                                         | 37                                                 | 39                | 29           | 46                  | 42                | 77           |
| " XI.—Insufficiently described occupations ...                    | 988                                                | 467               | 319          | 639                 | 483               | 166          |
| " XII.—Unproductive ...                                           | 17                                                 | 72                | 102          | 34                  | 33                | 27           |

3.—Distribution of the agricultural, industrial, commercial and professional population in natural divisions and districts.

| District and natural division. | Agriculture. |        |                                                                         |                                      | Industry (including mines and transport).                             |                                   |                                                             |             | Commerce.                                                             |                                   |                                                             |             | Professions.                                                            |                                      |                                                               |    |
|--------------------------------|--------------|--------|-------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------|-------------|-----------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------|-------------|-------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------|----|
|                                | Provinces    | Agency | Proportion of agricultural population per 1,000 of district population. | Population supported by agriculture. | Proportion of industrial population per 1,000 of district population. | Population supported by industry. | Percentage on industrial population of district population. |             | Proportion of commercial population per 1,000 of district population. | Population supported by commerce. | Percentage on commercial population of district population. |             | Proportion of professional population per 1,000 of district population. | Population supported by professions. | Percentage on professional population of district population. |    |
|                                |              |        |                                                                         |                                      |                                                                       |                                   | Actual workers.                                             | Dependants. |                                                                       |                                   | Actual workers.                                             | Dependants. |                                                                         |                                      |                                                               |    |
|                                |              |        |                                                                         |                                      |                                                                       |                                   |                                                             |             |                                                                       |                                   |                                                             |             |                                                                         |                                      |                                                               |    |
| Province                       | 30,293,165   | 708    | 49                                                                      | 51                                   | 5,362,967                                                             | 126                               | 45                                                          | 55          | 2,749,890                                                             | 64                                | 44                                                          | 56          | 1,078,255                                                               | 25                                   | 38                                                            | 62 |
| East Coast North               | 7,873,217    | 725    | 49                                                                      | 51                                   | 1,236,224                                                             | 114                               | 49                                                          | 51          | 44,469                                                                | 61                                | 49                                                          | 51          | 219,446                                                                 | 20                                   | 37                                                            | 63 |
| Ganjam                         | 1,434,280    | 781    | 51                                                                      | 49                                   | 39,897                                                                | 54                                | 51                                                          | 49          | 117,283                                                               | 64                                | 50                                                          | 50          | 41,008                                                                  | 22                                   | 40                                                            | 60 |
| Vizagapatnam                   | 1,541,653    | 691    | 57                                                                      | 43                                   | 243,994                                                               | 109                               | 56                                                          | 44          | 117,486                                                               | 53                                | 61                                                          | 39          | 28,203                                                                  | 13                                   | 66                                                            | 64 |
| Godavari                       | 1,127,433    | 707    | 48                                                                      | 52                                   | 104,056                                                               | 112                               | 44                                                          | 56          | 81,277                                                                | 65                                | 42                                                          | 58          | 30,959                                                                  | 21                                   | 34                                                            | 66 |
| Kistna                         | 1,435,053    | 673    | 44                                                                      | 56                                   | 809,365                                                               | 145                               | 48                                                          | 54          | 144,429                                                               | 68                                | 48                                                          | 52          | 53,002                                                                  | 25                                   | 42                                                            | 58 |
| Guntur                         | 1,406,218    | 777    | 46                                                                      | 54                                   | 215,439                                                               | 119                               | 47                                                          | 53          | 89,549                                                                | 49                                | 40                                                          | 60          | 30,681                                                                  | 17                                   | 34                                                            | 66 |
| Nellore                        | 927,980      | 670    | 47                                                                      | 53                                   | 204,473                                                               | 148                               | 49                                                          | 51          | 116,000                                                               | 84                                | 47                                                          | 53          | 35,293                                                                  | 25                                   | 34                                                            | 66 |
| Deccan                         | 2,737,524    | 746    | 52                                                                      | 48                                   | 427,781                                                               | 116                               | 51                                                          | 49          | 197,421                                                               | 54                                | 52                                                          | 48          | 83,002                                                                  | 23                                   | 45                                                            | 55 |
| Cuddapah                       | 657,158      | 740    | 49                                                                      | 51                                   | 122,009                                                               | 137                               | 43                                                          | 57          | 54,971                                                                | 62                                | 45                                                          | 55          | 18,773                                                                  | 21                                   | 40                                                            | 60 |
| Kurnool                        | 670,000      | 732    | 52                                                                      | 48                                   | 109,419                                                               | 120                               | 59                                                          | 41          | 47,699                                                                | 52                                | 58                                                          | 42          | 20,551                                                                  | 23                                   | 50                                                            | 50 |
| Bangalore                      | 20,124       | 549    | 54                                                                      | 46                                   | 4,479                                                                 | 122                               | 67                                                          | 83          | 3,218                                                                 | 88                                | 52                                                          | 18          | 281                                                                     | 8                                    | 75                                                            | 25 |
| Bellary                        | 677,004      | 766    | 54                                                                      | 46                                   | 76,988                                                                | 80                                | 51                                                          | 49          | 49,347                                                                | 57                                | 55                                                          | 45          | 24,261                                                                  | 28                                   | 44                                                            | 56 |
| Sandar                         | 9,054        | 776    | 53                                                                      | 47                                   | 998                                                                   | 86                                | 65                                                          | 46          | 754                                                                   | 65                                | 50                                                          | 50          | 402                                                                     | 34                                   | 40                                                            | 60 |
| Anantapur                      | 703,584      | 736    | 53                                                                      | 47                                   | 113,868                                                               | 119                               | 52                                                          | 48          | 41,434                                                                | 43                                | 50                                                          | 50          | 18,784                                                                  | 20                                   | 46                                                            | 54 |
| East Coast Central             | 8,451,376    | 704    | 47                                                                      | 53                                   | 1,440,319                                                             | 120                               | 45                                                          | 55          | 717,694                                                               | 60                                | 43                                                          | 57          | 310,129                                                                 | 26                                   | 38                                                            | 62 |
| Madras                         | 20,284       | 39     | 39                                                                      | 61                                   | 195,130                                                               | 370                               | 39                                                          | 61          | 103,328                                                               | 190                               | 35                                                          | 61          | 65,346                                                                  | 124                                  | 38                                                            | 67 |
| Chingleput                     | 1,064,335    | 718    | 40                                                                      | 54                                   | 186,781                                                               | 125                               | 44                                                          | 56          | 84,230                                                                | 57                                | 45                                                          | 55          | 45,084                                                                  | 30                                   | 37                                                            | 63 |
| Chittoor                       | 964,883      | 760    | 55                                                                      | 45                                   | 168,726                                                               | 125                               | 52                                                          | 48          | 62,373                                                                | 49                                | 51                                                          | 49          | 18,976                                                                  | 15                                   | 38                                                            | 62 |
| North Arcot                    | 1,512,892    | 736    | 50                                                                      | 50                                   | 206,955                                                               | 101                               | 43                                                          | 57          | 132,926                                                               | 65                                | 40                                                          | 60          | 39,425                                                                  | 19                                   | 39                                                            | 61 |
| Salem                          | 1,431,305    | 701    | 44                                                                      | 56                                   | 227,108                                                               | 107                               | 46                                                          | 55          | 120,066                                                               | 57                                | 44                                                          | 56          | 41,738                                                                  | 20                                   | 40                                                            | 60 |
| Oombatore                      | 1,508,353    | 677    | 47                                                                      | 53                                   | 273,593                                                               | 123                               | 48                                                          | 52          | 136,452                                                               | 62                                | 46                                                          | 54          | 50,344                                                                  | 23                                   | 42                                                            | 58 |
| South Arcot                    | 1,804,514    | 821    | 43                                                                      | 57                                   | 192,046                                                               | 83                                | 40                                                          | 60          | 78,319                                                                | 34                                | 44                                                          | 56          | 49,216                                                                  | 21                                   | 38                                                            | 62 |
| East Coast South               | 7,143,735    | 695    | 50                                                                      | 50                                   | 1,428,501                                                             | 139                               | 44                                                          | 56          | 693,616                                                               | 67                                | 41                                                          | 59          | 292,199                                                                 | 28                                   | 37                                                            | 63 |
| Tanjore                        | 1,624,203    | 698    | 49                                                                      | 51                                   | 283,704                                                               | 132                               | 40                                                          | 50          | 147,864                                                               | 84                                | 42                                                          | 58          | 105,038                                                                 | 25                                   | 34                                                            | 66 |
| Trichinopoly                   | 1,350,351    | 710    | 55                                                                      | 45                                   | 266,501                                                               | 140                               | 44                                                          | 56          | 109,058                                                               | 57                                | 45                                                          | 55          | 47,886                                                                  | 25                                   | 40                                                            | 60 |
| Pudukkottai                    | 321,776      | 761    | 61                                                                      | 39                                   | 32,227                                                                | 78                                | 48                                                          | 52          | 31,577                                                                | 74                                | 37                                                          | 63          | 16,484                                                                  | 36                                   | 38                                                            | 62 |
| Madurai                        | 1,480,388    | 747    | 50                                                                      | 50                                   | 207,034                                                               | 133                               | 45                                                          | 55          | 118,792                                                               | 59                                | 43                                                          | 57          | 41,516                                                                  | 21                                   | 40                                                            | 60 |
| Ramanad                        | 1,228,528    | 714    | 44                                                                      | 56                                   | 182,398                                                               | 106                               | 44                                                          | 53          | 138,724                                                               | 81                                | 36                                                          | 64          | 32,871                                                                  | 19                                   | 31                                                            | 69 |
| Tinnevelly                     | 1,116,539    | 587    | 47                                                                      | 53                                   | 395,637                                                               | 208                               | 46                                                          | 55          | 146,601                                                               | 77                                | 43                                                          | 57          | 49,864                                                                  | 26                                   | 43                                                            | 57 |
| West Coast                     | 2,883,407    | 644    | 45                                                                      | 55                                   | 775,032                                                               | 173                               | 41                                                          | 59          | 431,650                                                               | 96                                | 36                                                          | 64          | 160,635                                                                 | 36                                   | 35                                                            | 65 |
| Nilgiris                       | 75,675       | 597    | 55                                                                      | 45                                   | 14,360                                                                | 114                               | 51                                                          | 46          | 6,816                                                                 | 54                                | 46                                                          | 54          | 7,680                                                                   | 60                                   | 41                                                            | 59 |
| Malabar                        | 1,905,182    | 615    | 39                                                                      | 61                                   | 597,061                                                               | 198                               | 40                                                          | 60          | 317,719                                                               | 102                               | 33                                                          | 67          | 120,018                                                                 | 39                                   | 34                                                            | 66 |
| Anjengo                        | 1,064        | 180    | 83                                                                      | 67                                   | 1,884                                                                 | 234                               | 44                                                          | 56          | 1,072                                                                 | 181                               | 43                                                          | 57          | 819                                                                     | 54                                   | 31                                                            | 69 |
| South Kanara                   | 801,586      | 723    | 58                                                                      | 42                                   | 162,207                                                               | 130                               | 45                                                          | 55          | 106,043                                                               | 85                                | 45                                                          | 55          | 32,723                                                                  | 23                                   | 35                                                            | 65 |
| Cities                         | 271,207      | 172    | 43                                                                      | 57                                   | 527,409                                                               | 334                               | 41                                                          | 59          | 292,570                                                               | 185                               | 39                                                          | 61          | 169,444                                                                 | 107                                  | 34                                                            | 66 |

4.—Occupations combined with agriculture (where agriculture is the subsidiary occupation).

| Occupation.                                                  | Number per mille of actual workers who are partially agriculturists. |         |                   |         |                     |                   |             |
|--------------------------------------------------------------|----------------------------------------------------------------------|---------|-------------------|---------|---------------------|-------------------|-------------|
|                                                              | Province.                                                            | Agency. | East Coast North. | Deccan. | East Coast Central. | East Coast South. | West Coast. |
| Total actual workers ...                                     | 7.5                                                                  | 0.6     | 8.8               | 10.6    | 3.2                 | 11.6              | 5.7         |
| Class A.—Production of raw materials ...                     | 0.4                                                                  | 0.1     | 0.6               | 0.7     | 0.2                 | 0.5               | 0.4         |
| SUB-CLASS I.—Exploitation of animals and vegetation ...      | 0.5                                                                  | 0.1     | 0.6               | 0.7     | 0.2                 | 0.5               | 0.4         |
| 1. (a) Ordinary cultivation ...                              | ...                                                                  | ...     | ...               | ...     | ...                 | ...               | 0.1         |
| (b) Cultivation of special products and market gardening ... | 5.1                                                                  | ...     | 32.4              | 5.6     | 2.2                 | 6.4               | 5.1         |
| 2. Raising of farm stock and small animals ...               | 16.8                                                                 | 3.0     | 17.1              | 29.8    | 6.2                 | 30.1              | 2.2         |
| 3. Fishing and hunting ...                                   | 9.5                                                                  | ...     | 9.9               | 91.7    | 18.6                | 5.0               | 3.9         |
| 4. Others ...                                                | 18.2                                                                 | 47.2    | 39.1              | 13.4    | 4.2                 | 18.7              | 12.2        |
| SUB-CLASS II.—Exploitation of minerals ...                   | 6.9                                                                  | ...     | 2.1               | ...     | 33.7                | ...               | 3.6         |
| Class B.—Preparation and supply of material substances ...   | 30.4                                                                 | 6.2     | 40.7              | 48.0    | 12.9                | 41.3              | 17.3        |
| SUB-CLASS III.—Industry ...                                  | 31.2                                                                 | 10.6    | 45.3              | 55.4    | 14.7                | 35.0              | 16.9        |
| 1. Textiles ...                                              | 26.6                                                                 | 5.8     | 32.0              | 103.1   | 7.7                 | 21.7              | 3.9         |
| 2. Wood industry ...                                         | 23.8                                                                 | 6.0     | 24.4              | 29.2    | 28.5                | 17.5              | 16.5        |
| 3. Metal industry ...                                        | 25.6                                                                 | 8.4     | 38.1              | 38.7    | 23.0                | 24.7              | 27.4        |
| 4. Ceramics ...                                              | 27.9                                                                 | 65.4    | 28.5              | 45.6    | 12.5                | 41.4              | 8.4         |
| 5. Food industry ...                                         | 18.9                                                                 | 1.4     | 28.7              | 52.8    | 7.3                 | 16.8              | 23.7        |
| 6. Industries of dress and the toilet ...                    | 44.4                                                                 | ...     | 67.9              | 36.1    | 28.2                | 24.9              | 25.8        |
| 7. Building industries ...                                   | 37.3                                                                 | 1.6     | 19.2              | 22.7    | 9.2                 | 76.0              | 4.4         |
| 8. Other industries ...                                      | 23.4                                                                 | ...     | 39.8              | 43.6    | 11.1                | 20.1              | 28.3        |
| SUB-CLASS IV.—Transport ...                                  | 16.8                                                                 | ...     | 14.8              | 53.2    | 5.7                 | 25.0              | 10.5        |
| SUB-CLASS V.—Trade ...                                       | 31.3                                                                 | 1.9     | 35.4              | 32.9    | 11.1                | 56.9              | 19.8        |
| 1. Trade in food-stuffs ...                                  | 29.2                                                                 | 4.9     | 33.6              | 37.0    | 9.6                 | 50.9              | 17.8        |
| 2. „ textiles ...                                            | 24.5                                                                 | ...     | 18.7              | 56.5    | 10.9                | 43.3              | 21.2        |
| 3. Other trades ...                                          | 34.0                                                                 | 1.2     | 38.4              | 29.1    | 12.7                | 64.4              | 23.0        |
| Class C.—Public administration and liberal arts ...          | 41.5                                                                 | 2.6     | 42.6              | 46.1    | 22.0                | 65.0              | 33.8        |
| SUB-CLASS VI.—Public Force ...                               | 28.9                                                                 | 5.8     | 23.2              | 17.9    | 21.5                | 58.7              | 6.0         |
| SUB-CLASS VII.—Public administration ...                     | 47.7                                                                 | 1.2     | 41.2              | 53.4    | 19.9                | 85.5              | 57.2        |
| SUB-CLASS VIII.—Professions and liberal arts ...             | 41.7                                                                 | 2.7     | 49.3              | 56.5    | 23.5                | 57.0              | 30.7        |
| Class D.—Miscellaneous ...                                   | 14.7                                                                 | 0.1     | 10.2              | 20.8    | 4.3                 | 39.3              | 6.9         |
| SUB-CLASS IX.—Persons living on their income.                | 30.2                                                                 | ...     | 40.4              | 56.2    | 13.2                | 70.5              | 8.1         |
| X.—Domestic service ...                                      | 36.2                                                                 | 0.6     | 14.8              | 107.1   | 2.6                 | 124.2             | 4.4         |
| XI.—Insufficiently described occupations ...                 | 12.8                                                                 | 0.1     | 7.8               | 13.5    | 4.3                 | 35.2              | 9.8         |
| XII.—Unproductive ...                                        | 11.4                                                                 | 1.3     | 19.4              | 16.8    | 1.2                 | 2.0               | 2.6         |



## 5.—Occupations combined with agriculture (where agriculture is the principal occupation).

| Rent receivers—Landowners.                                     |                                  | Rent receivers—Tenants.                                        |                                  | Cultivators (landowners and tenants).                           |                                                    |                                                | Farm servants and field labourers. |                                  |
|----------------------------------------------------------------|----------------------------------|----------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------|----------------------------------------------------|------------------------------------------------|------------------------------------|----------------------------------|
| Subsidiary occupation.                                         | Number per 10,000 who follow it. | Subsidiary occupation.                                         | Number per 10,000 who follow it. | Subsidiary occupation.                                          | Number per 10,000 who follow it among land-owners. | Number per 10,000 who follow it among tenants. | Subsidiary occupation.             | Number per 10,000 who follow it. |
| 1                                                              | 2                                | 3                                                              | 4                                | 5                                                               | 6                                                  | 7                                              | 8                                  | 9                                |
| Total ...                                                      | 652.8                            | Total ...                                                      | 719.0                            | Total ...                                                       | 486.5                                              | 462.8                                          | Total ...                          | 226.9                            |
| Agriculture ... ..                                             | 173.3                            | Agriculture ... ..                                             | 191.7                            | Agriculture ... ..                                              | 166.3                                              | 152.0                                          | Agriculture ... ..                 | 69.6                             |
| Traders (other than money-lenders) grain and pulse dealers ... | 158.7                            | Traders (other than money-lenders) grain and pulse dealers ... | 158.3                            | Traders (other than money-lenders), grain and pulse dealers ... | 74.1                                               | 79.0                                           | Traders of all kinds ...           | 40.8                             |
| Religion ... ..                                                | 40.3                             | General labourers ...                                          | 118.1                            | General labourers ...                                           | 41.9                                               | 39.5                                           | General labourers ...              | 28.6                             |
| Money-lenders, grain and pulse dealers ...                     | 36.6                             | Artisans ... ..                                                | 34.5                             | Artisans ... ..                                                 | 38.1                                               | 24.3                                           | Artisans ... ..                    | 11.8                             |
| Artisans ... ..                                                | 34.6                             | Money-lenders, grain and pulse dealers ...                     | 27.7                             | Cattle-breeders ...                                             | 16.8                                               | 11.5                                           | Cattle-breeders ...                | 9.9                              |
| Washermen ... ..                                               | 31.9                             | Public service ... ..                                          | 25.2                             | Textile industries ...                                          | 16.2                                               | 9.1                                            | Textile industries ...             | 8.6                              |
| Miscellaneous labourers.                                       | 31.1                             | Textile industries ...                                         | 22.0                             | Barbers ... ..                                                  | 13.9                                               | 5.1                                            | Beggars ... ..                     | 5.4                              |
| Public service ... ..                                          | 28.3                             | Collection of forest produce ... ..                            | 19.8                             | Cart-owners and drivers, etc. ...                               | 13.0                                               | ...                                            | Domestic service ...               | 8.0                              |
| Textile industries ...                                         | 18.3                             | Building industries ...                                        | 13.7                             | Public service excluding village watchmen ...                   | 12.0                                               | 7.2                                            | Cart-owners and drivers, etc. ...  | 5.7                              |
| School-masters ... ..                                          | 15.6                             | Cart-owners, drivers, etc. ... ..                              | 13.1                             | Money-lenders, grain and pulse dealers ...                      | 9.5                                                | 9.1                                            | Collection of forest produce ...   | 3.0                              |
| Cart-owners, drivers, etc. ... ..                              | 14.3                             | Business unspecified ...                                       | 11.6                             | Religion ... ..                                                 | 8.2                                                | 9.6                                            | Barbers ... ..                     | 1.3                              |
| Barbers ... ..                                                 | 12.6                             | Medical practitioners ...                                      | 9.2                              | Washermen ... ..                                                | 7.8                                                | 10.5                                           | Workers in woody materials ...     | 5.9                              |
| Business, unspecified ...                                      | 7.3                              | School-masters ... ..                                          | 7.8                              | Milkmen ... ..                                                  | 6.5                                                | 4.5                                            | Toddy-drawers ... ..               | 4.1                              |
| Medical practitioners ...                                      | 6.1                              | Other occupations ... ..                                       | 17.7                             | Domestic service ...                                            | 6.5                                                | 8.8                                            | Milkmen ... ..                     | 2.0                              |
| Lawyers ... ..                                                 | 5.0                              |                                                                |                                  | Business unspecified ...                                        | 5.5                                                | 3.0                                            | Building industries ...            | 1.7                              |
| Cattle-breeders ... ..                                         | 3.7                              |                                                                |                                  | School-masters ... ..                                           | 4.1                                                | 4.4                                            | Rice pounders ... ..               | 1.5                              |
| Growers of fruit, flowers, etc. ... ..                         | 3.4                              |                                                                |                                  | Toddy-drawers ... ..                                            | 3.8                                                | 19.4                                           | Washermen ... ..                   | 1.2                              |
| Other occupations ... ..                                       | 31.7                             |                                                                |                                  | Village watchmen ...                                            | 3.3                                                | 1.8                                            | Fishermen and boatmen ... ..       | 1.1                              |
|                                                                |                                  |                                                                |                                  | Fishermen and boatmen ... ..                                    | 2.8                                                | 3.6                                            | Other occupations ...              | 16.7                             |
|                                                                |                                  |                                                                |                                  | Other occupations ... ..                                        | 38.4                                               | 60.4                                           |                                    |                                  |

## 6.—Occupation of females by sub-classes and selected orders and groups.

| Number of |        | Occupation.                                                                                                                                      | Number of actual workers in 1921. |                  | Number of females per 1,000 males. |            |
|-----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------|------------------------------------|------------|
| Order.    | Group. |                                                                                                                                                  | Males.                            | Females.         | 1921.                              | 1911.      |
|           |        | <b>Grand Total</b>                                                                                                                               | <b>12,926,818</b>                 | <b>7,565,555</b> | <b>585</b>                         | <b>648</b> |
|           |        | <b>Sub-Class I.—Exploitation of animals and vegetation</b>                                                                                       | <b>9,305,729</b>                  | <b>5,795,153</b> | <b>623</b>                         | <b>692</b> |
| 1         | (a)    | Pasture and agriculture                                                                                                                          | 9,216,500                         | 5,770,410        | 626                                | 697        |
| 1         | (a)    | Pasture and agriculture—ordinary cultivation                                                                                                     | 8,925,780                         | 5,675,255        | 636                                | 718        |
| 2         | (a)    | Income from rent of agricultural land (owned)                                                                                                    | 463,778                           | 254,463          | 549                                | 504        |
| 2         | (a)    | Do. do. (leased)                                                                                                                                 | 257,192                           | 150,604          | 586                                | 424        |
| 3         | (b)    | Ordinary cultivators: owners                                                                                                                     | 3,786,308                         | 1,774,466        | 469                                | 551        |
| 3         | (b)    | Do. tenants                                                                                                                                      | 2,092,048                         | 1,188,219        | 568                                | 554        |
| 4         |        | Agents, managers of landed estates (not planters) clerks, rent collectors, etc.                                                                  | 10,283                            | 1,109            | 108                                | 69         |
| 5         |        | Farm servants                                                                                                                                    | 961,911                           | 630,055          | 655                                | 1,187      |
| 5         |        | Field labourers                                                                                                                                  | 1,354,260                         | 1,676,339        | 1,238                              |            |
| 1 (b)     |        | Pasture and agriculture—growers of special products and market gardening                                                                         | 70,344                            | 29,039           | 413                                | 346        |
| 6         |        | Tea, coffee, cinchona, rubber and indigo plantations                                                                                             | 27,140                            | 17,347           | 639                                | 580        |
| 7         |        | Fruit, flower, vegetable, betel-vine, arecanut, etc., growers                                                                                    | 43,204                            | 11,692           | 271                                | 240        |
| 1 (c)     |        | Pasture and agriculture—forestry                                                                                                                 | 24,632                            | 7,652            | 311                                | 433        |
| 9         |        | Wood-cutters, firewood, catechu, rubber, etc., collectors and charcoal burners                                                                   | 19,612                            | 7,652            | 390                                | 617        |
| 1 (d)     |        | Pasture and agriculture—raising of farm stock                                                                                                    | 195,098                           | 58,043           | 298                                | 165        |
| 11        |        | Cattle and buffalo breeders and keepers                                                                                                          | 40,423                            | 10,165           | 251                                | 183        |
| 12        |        | Sheep, goat and pig breeders                                                                                                                     | 37,632                            | 12,639           | 336                                | 221        |
| 14        |        | Herdsmen, shepherds, goat-herds                                                                                                                  | 116,562                           | 34,894           | 299                                | 146        |
| 1 (e)     |        | Pasture and agriculture—raising of small animals                                                                                                 | 646                               | 421              | 652                                | ...        |
| 17        |        | Fishing and hunting                                                                                                                              | 89,229                            | 24,743           | 277                                | 193        |
| 18        |        | Fishing                                                                                                                                          | 87,650                            | 24,363           | 278                                | 192        |
| 18        |        | Hunting                                                                                                                                          | 1,599                             | 380              | 238                                | ...        |
|           |        | <b>Sub-Class II.—Exploitation of minerals</b>                                                                                                    | <b>2,111</b>                      | <b>2,097</b>     | <b>993</b>                         | <b>370</b> |
| 3         |        | Mines                                                                                                                                            | 481                               | 93               | 193                                | ...        |
| 4         |        | Quarries of hard rocks                                                                                                                           | 1,115                             | 1,738            | 1,559                              | ...        |
| 5         |        | Salt                                                                                                                                             | 515                               | 266              | 517                                | ...        |
|           |        | <b>Sub-Class III.—Industry</b>                                                                                                                   | <b>1,541,056</b>                  | <b>678,441</b>   | <b>440</b>                         | <b>500</b> |
| 25        |        | Textiles                                                                                                                                         | 335,604                           | 195,954          | 584                                | 639        |
| 26        |        | Cotton ginning, cleaning and pressing                                                                                                            | 5,773                             | 5,700            | 987                                | 624        |
| 27 (a)    |        | Cotton spinning                                                                                                                                  | 23,128                            | 18,028           | 779                                | ...        |
| 27 (b)    |        | Cotton sizing                                                                                                                                    | 1,231                             | 658              | 535                                | 503        |
| 28        |        | Cotton weaving                                                                                                                                   | 192,105                           | 83,907           | 437                                | ...        |
| 29        |        | Jute spinning, pressing and weaving                                                                                                              | 1,074                             | 489              | 455                                | ...        |
| 30 (a)    |        | Rope, twine and string                                                                                                                           | 2,541                             | 5,548            | 2,183                              | 6,536      |
| 30 (b)    |        | Coconut fibre work                                                                                                                               | 4,329                             | 30,938           | 7,147                              | ...        |
| 31        |        | Other fibres (aloes, flax, hemp, straw, etc.)                                                                                                    | 1,493                             | 545              | 385                                | 5,258      |
| 32        |        | Weaving of woollen blankets                                                                                                                      | 3,381                             | 3,145            | 930                                | ...        |
| 33        |        | Weaving of woollen carpets                                                                                                                       | 1,947                             | 753              | 387                                | 997        |
| 34        |        | Silk spinners                                                                                                                                    | 1,016                             | 1,385            | 1,363                              | ...        |
| 35        |        | Silk weavers                                                                                                                                     | 10,495                            | 4,937            | 475                                | 722        |
| 37 (a)    |        | Dyeing and bleaching of yarn                                                                                                                     | 8,741                             | 3,971            | 454                                | ...        |
| 38 (b)    |        | Lace and embroidery works                                                                                                                        | 1,035                             | 1,944            | 1,878                              | ...        |
| 38 (c)    |        | Spinners unspecified                                                                                                                             | 1,660                             | 1,609            | 969                                | ...        |
| 38 (d)    |        | Weavers unspecified                                                                                                                              | 75,606                            | 31,833           | 421                                | ...        |
| 39        |        | Hides, skins and hard materials from the animal kingdom                                                                                          | 27,380                            | 3,017            | 110                                | 95         |
| 40        |        | Tanners, curriers, leather dressers and leather dyers                                                                                            | 6,409                             | 766              | 120                                | ...        |
| 41        |        | Makers of leather articles, such as trunk, water bags, saddlery or harness, etc., excluding articles of dress                                    | 20,838                            | 2,232            | 107                                | 104        |
| 42        |        | Wood                                                                                                                                             | 161,953                           | 47,633           | 294                                | 415        |
| 43        |        | Carpenters, turners and joiners, etc.                                                                                                            | 109,323                           | 4,324            | 40                                 | 54         |
| 44        |        | Basket makers and other industries of woody material including leaves and thatchers and builders, working with bamboo reeds or similar materials | 38,732                            | 42,327           | 1,106                              | 1,271      |
| 45        |        | Metals                                                                                                                                           | 59,901                            | 4,656            | 78                                 | 95         |
| 46        |        | Other workers in iron and makers of implements and tools principally or exclusively of iron                                                      | 44,460                            | 3,808            | 86                                 | 104        |
| 47        |        | Ceramics                                                                                                                                         | 77,346                            | 30,424           | 393                                | 566        |
| 48        |        | Potters and earthen pipe and bowl makers                                                                                                         | 65,680                            | 26,079           | 397                                | 593        |
| 49        |        | Brick and tile makers                                                                                                                            | 11,366                            | 4,230            | 372                                | ...        |
| 50        |        | Chemical products properly so called and analogous                                                                                               | 15,492                            | 5,486            | 354                                | 398        |
| 51        |        | Manufacture of dyes, paint, ink and pencils                                                                                                      | 1,209                             | 244              | 202                                | ...        |
| 52        |        | Manufacture and refining of vegetable oils                                                                                                       | 12,712                            | 5,100            | 401                                | 404        |

## 6.—Occupation of females by sub-classes and selected orders and groups—continued.

| Order. | Group. | Occupation.                                                                                                                            | Number of actual workers in 1921. |          | Number of females per 1,000 males. |       |
|--------|--------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|------------------------------------|-------|
|        |        |                                                                                                                                        | Males.                            | Females. | 1921.                              | 1911. |
|        |        | <b>Sub-Class III.—Industry—concluded.</b>                                                                                              |                                   |          |                                    |       |
| 12     | 65     | Food industries ...                                                                                                                    | 157,273                           | 76,348   | 485                                | 894   |
|        | 66     | Rice pounders, huskers and flour grinders ...                                                                                          | 18,964                            | 56,622   | 2,986                              | 6,023 |
|        | 67     | Bakers and biscuit makers ...                                                                                                          | 2,491                             | 3,043    | 1,222                              | ...   |
|        | 68     | Grain parchers, etc. ...                                                                                                               | 1,191                             | 596      | 500                                | ...   |
|        | 69     | Butchers ...                                                                                                                           | 8,891                             | 843      | 95                                 | ...   |
|        | 71     | Makers of sugar, molasses and gur ...                                                                                                  | 7,129                             | 6,424    | 901                                | 3,701 |
|        | 72     | Sweetmeat makers, preparers of jam and condiments, etc.                                                                                | 1,575                             | 2,550    | 1,619                              | ...   |
|        | 74     | Toddy-drawers ...                                                                                                                      | 106,191                           | 1,930    | 18                                 | 29    |
|        | 75     | Manufacture of tobacco, opium and ganja ...                                                                                            | 10,368                            | 3,526    | 340                                | ...   |
| 13     |        | Industries of dress and the toilet ...                                                                                                 | 378,329                           | 192,576  | 509                                | 509   |
|        | 77     | Tailors, milliners, dress-makers, darners and embroiders of linen ...                                                                  | 22,477                            | 7,368    | 328                                | 468   |
|        | 78     | Shoe, boot and saddle makers ...                                                                                                       | 101,068                           | 19,252   | 190                                | 148   |
|        | 80     | Washing, cleaning and dyeing ...                                                                                                       | 171,528                           | 160,125  | 934                                | 943   |
|        | 81     | Barbers, hair-dressers and wig makers ...                                                                                              | 82,302                            | 4,189    | 51                                 | 43    |
| 15     |        | Building industries ...                                                                                                                | 178,811                           | 101,141  | 566                                | 422   |
|        | 85     | Lime burners and cement workers ...                                                                                                    | 5,494                             | 2,730    | 497                                | ...   |
|        | 86     | Excavators and well sinkers ...                                                                                                        | 59,193                            | 49,994   | 845                                | 732   |
|        | 87     | Stone cutters and dressers ...                                                                                                         | 28,430                            | 7,803    | 274                                | ...   |
|        | 88     | Bricklayers and masons ...                                                                                                             | 72,109                            | 37,321   | 518                                | 184   |
|        | 89     | Builders (other than buildings made of bamboo or similar material), painters, decorators of houses, tilers, plumbers, etc. ...         | 13,585                            | 3,293    | 242                                | 501   |
| 18     |        | Other miscellaneous and undefined industries ...                                                                                       | 145,210                           | 21,073   | 145                                | 70    |
|        | 98     | Workers in precious stones and metals, enamellers, imitation jewellery makers, gilders, etc. ...                                       | 113,558                           | 6,954    | 618                                | 63    |
|        | 99     | Makers of bangles or beads or necklaces of other material than glass and makers of spangles, rosaries, lingams and sacred threads ...  | 2,727                             | 1,132    | 415                                | 444   |
|        | 103    | Sweepers, scavengers, etc. ...                                                                                                         | 14,263                            | 12,194   | 855                                | ...   |
|        |        | <b>Sub-Class IV.—Transport</b> ...                                                                                                     | 190,977                           | 17,566   | 92                                 | 90    |
| 20     |        | Transport by water ...                                                                                                                 | 17,966                            | 933      | 52                                 | 27    |
|        | 108    | Persons (other than labourers) employed on the maintenance of harbours, docks, streams, rivers and canals (including construction) ... | 1,237                             | 313      | 253                                | 25    |
| 21     |        | Transport by road ...                                                                                                                  | 113,503                           | 13,322   | 117                                | 127   |
|        | 111    | Persons (other than labourers) employed on the construction and maintenance of roads and bridges ...                                   | 1,208                             | 310      | 257                                | 506   |
|        | 112    | Labourers employed on roads and bridges ...                                                                                            | 10,282                            | 3,119    | 303                                | ...   |
|        | 114    | Owners, managers and employers (excluding personal servants) connected with other vehicles ...                                         | 75,152                            | 3,701    | 49                                 | 45    |
|        | 117    | Porters and messengers ...                                                                                                             | 23,347                            | 5,993    | 257                                | 221   |
| 22     |        | Transport by rail ...                                                                                                                  | 49,856                            | 3,165    | 63                                 | 41    |
|        | 119    | Labourers employed on railway construction and maintenance and coolies and porters employed on railway premises ...                    | 18,692                            | 3,044    | 163                                | 13    |
|        |        | <b>Sub-Class V.—Trade</b> ...                                                                                                          | 813,247                           | 392,562  | 483                                | 591   |
| 24     | 121    | Bank managers, money-lenders, exchange and insurance agents, money changers and brokers and their employees ...                        | 32,632                            | 10,657   | 327                                | 502   |
| 26     | 123    | Trade in piece-goods, wool, cotton, silk, hair and other textiles ...                                                                  | 33,335                            | 12,402   | 372                                | 185   |
| 27     | 124    | Trade in skins, leathers, furs, feathers, horn, etc., and articles made from these ...                                                 | 15,080                            | 3,096    | 205                                | 123   |
| 28     | 125    | Trade in wood (not firewood), cork, bark, bamboo thatch, etc. ...                                                                      | 10,458                            | 5,784    | 553                                | 648   |
| 29     | 126    | Trade in metals, machinery, knives, tools, etc. ...                                                                                    | 3,144                             | 645      | 205                                | ...   |
| 30     | 127    | Trade in pottery, bricks and tiles ...                                                                                                 | 5,706                             | 6,178    | 1,083                              | 807   |
| 31     | 128    | Trade in chemical products (drugs, dyes, paints, petroleum, explosives, etc.) ...                                                      | 6,759                             | 2,478    | 367                                | 490   |
| 32     |        | Hotels, cafes, restaurants ...                                                                                                         | 44,193                            | 17,471   | 395                                | 485   |
|        | 129    | Vendors of wine, liquors, aerated waters and ice ...                                                                                   | 22,184                            | 7,908    | 329                                | 502   |
|        | 130    | Owners and managers of hotels, cookshope, sarais, etc., and their employees ...                                                        | 22,009                            | 10,163   | 462                                | ...   |
| 33     |        | Other trade in food-stuffs ...                                                                                                         | 323,752                           | 200,355  | 619                                | 685   |
|        | 131    | Fish dealers ...                                                                                                                       | 38,971                            | 39,069   | 1,003                              | 1,278 |
|        | 132    | Grocers and sellers of vegetable oil, salt and other condiments ...                                                                    | 107,273                           | 41,792   | 390                                | 436   |
|        | 133    | Sellers of milk, butter, ghi, poultry, eggs, etc. ...                                                                                  | 22,370                            | 25,446   | 1,138                              | 1,842 |

## 6.—Occupation of females by sub-classes and selected orders and groups—concluded.

| Order. | Group. | Occupation.                                                                                                                      | Number of actual workers in 1921. |          | Number of females per 1,000 males. |       |
|--------|--------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|------------------------------------|-------|
|        |        |                                                                                                                                  | Males.                            | Females. | 1921.                              | 1911. |
|        |        | <b>Sub-Class V.—Trade—concluded.</b>                                                                                             |                                   |          |                                    |       |
| 33     |        | Other trade in food-stuffs—concluded.                                                                                            |                                   |          |                                    |       |
|        | 134    | Sellers of sweetmeats, sugar, gur and molasses ...                                                                               | 24,364                            | 27,527   | 1,130                              | 1,693 |
|        | 135    | Cardamom, betel-leaf, vegetable, fruits and arecanut sellers ...                                                                 | 52,341                            | 30,995   | 592                                | 760   |
|        | 136    | Grain and pulse dealers ...                                                                                                      | 42,991                            | 19,824   | 461                                | 522   |
|        | 137    | Tobacco, opium, ganja, etc., sellers ...                                                                                         | 19,781                            | 4,335    | 219                                | 217   |
|        | 138    | Dealers in sheep, goats and pigs ...                                                                                             | 7,583                             | 1,227    | 162                                | 261   |
|        | 139    | Dealers in hay, grass and fodder ...                                                                                             | 8,078                             | 10,140   | 1,255                              | 2,471 |
| 34     | 140    | Trade in ready-made clothing and other articles of dress and the toilet (hats, umbrellas, socks, ready-made shoes, perfumes) ... | 37,726                            | 5,907    | 157                                | 221   |
|        |        |                                                                                                                                  | 3,355                             | 691      | 206                                | ...   |
| 35     | 141    | Trade in furniture, carpets, curtains and bedding ...                                                                            | 6,680                             | 3,105    | 465                                | ...   |
| 36     | 143    | Trade in building materials other than bricks, tiles, woody materials (stones, plasters, cement, sand, thatch, etc.) ...         | 10,022                            | 1,364    | 136                                | ...   |
| 37     |        | Trade in means of transport ...                                                                                                  | 8,558                             | 1,167    | 136                                | ...   |
|        | 146    | Dealers and hirers of elephants, camels, horses, cattle, asses, mules, etc. ...                                                  | 20,211                            | 20,771   | 1,028                              | 1,351 |
| 38     | 147    | Dealers in firewood, charcoal, coal, cowdung, etc. ...                                                                           | 26,033                            | 8,622    | 331                                | 360   |
| 39     |        | Trade in articles of luxury and those pertaining to letters and arts and sciences ...                                            | 6,665                             | 822      | 123                                | ...   |
|        | 148    | Dealers in precious stones, jewellery (real and imitation), clocks, optical instruments, etc. ...                                | 17,263                            | 7,701    | 446                                | 476   |
|        | 149    | Dealers in common bangles and necklaces, fans, small articles, toys, hunting and fishing tackle, flowers, etc. ...               | 222,105                           | 92,113   | 415                                | 270   |
| 40     |        | Trade of other sorts ...                                                                                                         | 139,708                           | 59,799   | 428                                | ...   |
|        | 152(a) | General store and sundry bazaar-keepers ...                                                                                      | 79,134                            | 31,667   | 400                                | 282   |
|        | (b)    | Shop-keepers otherwise unspecified ...                                                                                           |                                   |          |                                    |       |
|        |        | <b>Sub-Class VII.—Public administration and liberal arts</b> ...                                                                 | 186,786                           | 37,532   | 201                                | 178   |
| 46     |        | Religion ...                                                                                                                     | 64,595                            | 5,418    | 84                                 | 136   |
|        | 165    | Priests, ministers, etc. ...                                                                                                     | 22,759                            | 1,086    | 48                                 | 74    |
|        | 167    | Catechists, readers, church and mission service ...                                                                              | 2,398                             | 614      | 256                                | 871   |
|        | 168    | Temple, burial or burning ground service, pilgrim conductors, circumcisers ...                                                   | 38,063                            | 3,512    | 92                                 | 144   |
| 48     |        | Medicine ...                                                                                                                     | 25,405                            | 9,409    | 370                                | 294   |
|        | 171    | Medical practitioners of all kinds including dentists, oculists and veterinary surgeons ...                                      | 21,627                            | 4,188    | 194                                | 140   |
|        | 172    | Midwives, vaccinators, compounders, nurses, masseurs, etc. ...                                                                   | 3,778                             | 5,221    | 1,382                              | 1,691 |
| 49     |        | Instruction ...                                                                                                                  | 43,587                            | 7,896    | 181                                | 142   |
|        | 173    | Professors and teachers of all kinds ...                                                                                         | 40,701                            | 7,554    | 186                                | 142   |
| 50     |        | Letters and arts and sciences ...                                                                                                | 38,613                            | 14,809   | 384                                | 289   |
|        | 178    | Music composers and masters, players of all kinds of musical instruments (not military), singers, actors and dancers ...         | 20,979                            | 13,062   | 923                                | 453   |
|        | 179    | Conjurors, acrobats, fortune-tellers, reciters, exhibitors of curiosities and wild animals ...                                   | 2,874                             | 895      | 311                                | ...   |
|        |        | <b>Sub-Class IX.—Persons living on their income</b> ...                                                                          | 19,478                            | 8,161    | 419                                | 449   |
| 51     | 180    | Proprietors (other than agricultural land) fund and scholarship-holders and pensioners ...                                       |                                   |          |                                    |       |
|        |        | <b>Sub-Class X.—Domestic service</b> ...                                                                                         | 54,660                            | 40,741   | 745                                | 750   |
| 52     |        | Domestic service ...                                                                                                             |                                   |          |                                    |       |
|        | 181    | Cooks, water-carriers, door-keepers, watchmen and other in-door servants ...                                                     | 47,900                            | 40,330   | 842                                | 843   |
|        |        | <b>Sub-Class XI.—Insufficiently described occupations...</b>                                                                     | 550,474                           | 542,499  | 986                                | 1,231 |
| 53     |        | General terms which do not indicate a definite occupation...                                                                     |                                   |          |                                    |       |
|        | 185    | Cashiers, accountants, book-keepers, clerks and other employees in the unspecified offices, ware-houses and shops ...            | 58,108                            | 2,164    | 373                                | 61    |
|        | 187    | Labourers and workmen otherwise unspecified ...                                                                                  | 476,581                           | 539,813  | 1,133                              | 1,453 |
|        |        | <b>Sub-Class XII.—Unproductive</b> ...                                                                                           | 80,444                            | 50,287   | 625                                | 707   |
| 54     | 188    | Inmates of jails, asylums and almshouses ...                                                                                     | 10,703                            | 872      | 81                                 | ...   |
| 55     |        | Beggars, vagrants, prostitutes ...                                                                                               | 69,724                            | 49,411   | 709                                | 792   |
|        | 189    | Beggars, vagrants, witches, wizards, etc. ...                                                                                    | 69,569                            | 46,335   | 666                                | ...   |
|        | 190    | Procurers and prostitutes ...                                                                                                    | 155                               | 3,076    | 19,845                             | 792   |
| 56     | 191    | Other unclassified non-productive industries ...                                                                                 | 17                                | 4        | 235                                | ...   |

## 7.—Selected occupations (1921, 1911 and 1901).

| Number of  |         |        | Occupation.                                                                                                        | Population supported in |            |            | Percentage of variation. |            |
|------------|---------|--------|--------------------------------------------------------------------------------------------------------------------|-------------------------|------------|------------|--------------------------|------------|
| Sub-class. | Order.  | Group. |                                                                                                                    | 1921.                   | 1911.      | 1901.      | 1921-1911.               | 1911-1901. |
| 1          | 2       | 3      | 4                                                                                                                  | 5                       | 6          | 7          | 8                        | 9          |
|            |         |        | Grand Total ...                                                                                                    | 42,794,155              | 41,870,160 | 38,633,340 | + 2.2                    | + 8.4      |
| I          |         |        | Exploitation of animals and vegetation ...                                                                         | 31,026,751              | 29,825,702 | 27,675,819 | + 4.0                    | + 7.8      |
|            | 1       |        | Pasture and agriculture ...                                                                                        | 30,781,678              | 29,586,737 | 27,482,122 | + 4.0                    | + 7.7      |
|            | (a)     |        | Ordinary cultivation ...                                                                                           | 30,094,335              | 28,621,449 | 26,488,155 | + 5.1                    | + 8.1      |
|            | 1 (a)   |        | Income from rent of agricultural land: Owned ...                                                                   | 1,675,110               | 980,194    | 798,842    | + 74.5                   | + 20.5     |
|            | 1 (b)   |        | Income from rent of agricultural land: Leased ...                                                                  | 947,467                 | 163,396    | 42,621     | + 479.9                  | + 283.4    |
|            | 2 (a)   |        | Ordinary cultivators as owners ...                                                                                 | 11,960,104              | 13,168,009 | 13,509,901 | - 9.2                    | - 2.5      |
|            | 2 (b)   |        | Do. do. tenants ...                                                                                                | 7,228,873               | 6,423,909  | 4,394,658  | + 12.5                   | + 46.2     |
|            | 3       |        | Agents, managers of landed estates (not planters), clerks, rent collectors, etc. ...                               | 31,636                  | 74,508     | 103,359    | - 57.5                   | - 27.9     |
|            | 4       |        | Farm servants ...                                                                                                  | 2,927,459               |            |            |                          |            |
|            | 5       |        | Field labourers ...                                                                                                | 5,323,686               | 7,831,433  | 7,640,774  | + 5.4                    | + 2.5      |
|            | (b)     |        | Growers of special products and market gardening ...                                                               | 198,830                 | 156,261    | 171,134    | + 27.2                   | - 8.7      |
|            | 6       |        | Tea, coffee, cinchona rubber and indigo plantations ...                                                            | 71,905                  | 37,379     | 51,378     | + 92.4                   | - 27.2     |
|            | 7       |        | Fruit, flower, vegetable, betel-vine arecanut, etc., growers ...                                                   | 126,925                 | 118,882    | 119,758    | + 6.8                    | - 0.7      |
|            | (c)     |        | Forestry ...                                                                                                       | 68,514                  | 70,638     | 82,049     | - 3.0                    | - 23.3     |
|            | 9       |        | Wood cutters: firewood, catechu, rubber, etc., collectors and charcoal burners ...                                 | 55,092                  | 51,177     | 77,428     | + 7.6                    | - 33.9     |
|            | (d)     |        | Raising of farm stock ...                                                                                          | 417,897                 | 439,097    | 536,978    | - 16.3                   | - 7.1      |
|            | 11      |        | Cattle and buffalo breeders and keepers ...                                                                        | 89,148                  | 74,647     | 80,313     | + 19.4                   | - 7.1      |
|            | 12      |        | Sheep, goat and pig breeders ...                                                                                   | 90,277                  | 102,622    | 110,411    | - 12.0                   | - 7.1      |
|            | 13      |        | Breeders of other animals (horses, mules, camels, asses, etc.) ...                                                 | 1,642                   | 2,684      | 2,888      | - 38.8                   | - 7.1      |
|            | 14      |        | Herdsmen, shepherds, goatherds, etc. ...                                                                           | 236,830                 | 319,141    | 343,366    | - 25.8                   | - 7.1      |
|            | (e)     |        | Raising of small animals ...                                                                                       | 2,102                   | 327        | 112        | + 542.8                  | + 192.0    |
|            | 2       |        | Fishing and hunting ...                                                                                            | 245,073                 | 238,965    | 193,697    | + 2.6                    | + 23.4     |
|            | 17      |        | Fishing ...                                                                                                        | 240,169                 | 234,080    | 188,153    | + 2.6                    | + 24.4     |
|            | 18      |        | Hunting ...                                                                                                        | 4,904                   | 4,885      | 5,544      | + 0.4                    | - 100.8    |
| II         |         |        | Exploitation of minerals ...                                                                                       | 9,288                   | 18,336     | 16,814     | - 49.3                   | + 9.0      |
|            | 3       |        | Mines ...                                                                                                          | 1,542                   | 10,051     | 8,002      | - 84.7                   | + 25.6     |
|            | 4       |        | Quarries of hard rocks ...                                                                                         | 6,030                   | 5,536      | 4,558      | + 8.9                    | + 20.7     |
|            | 5       |        | Salt, etc. ...                                                                                                     | 1,716                   | 2,749      | 4,224      | - 37.6                   | - 34.9     |
| III        |         |        | Industry ...                                                                                                       | 4,812,771               | 5,591,058  | 5,312,321  | - 13.9                   | + 5.2      |
|            | 6       |        | Textiles ...                                                                                                       | 1,127,114               | 1,406,286  | 1,394,060  | - 19.9                   | + 0.9      |
|            | 25      |        | Cotton ginning, cleaning and pressing ...                                                                          | 20,844                  | 59,253     | 43,478     | - 64.8                   | + 36.2     |
|            | 26      |        | Cotton spinning ...                                                                                                | 84,938                  |            |            |                          |            |
|            | 27 (a)  |        | Cotton sizing ...                                                                                                  | 4,392                   | 1,118,628  | 1,169,876  | - 38.6                   | - 4.3      |
|            | 27 (b)  |        | Cotton weaving ...                                                                                                 | 597,753                 |            |            |                          |            |
|            | 28      |        | Jute spinning, pressing and weaving ...                                                                            | 3,210                   | 5,564      | 855        | - 42.3                   | + 550.8    |
|            | 29      |        | Rope, twine and string ...                                                                                         | 14,444                  | 74,294     | 60,851     | - 80.6                   | + 22.1     |
|            | 31      |        | Wool carding and spinning ...                                                                                      | 643                     |            |            |                          |            |
|            | 32      |        | Weaving of woollen blankets ...                                                                                    | 11,652                  | 37,415     | 21,554     | - 53.2                   | + 73.6     |
|            | 33      |        | Weaving of woollen carpets ...                                                                                     | 5,202                   |            |            |                          |            |
|            | 34      |        | Silk spinners ...                                                                                                  | 5,043                   | 74,773     | 55,126     | - 53.2                   | + 35.6     |
|            | 35      |        | Silk weavers ...                                                                                                   | 29,941                  |            |            |                          |            |
|            | 36      |        | Hair, camel and horse hair ...                                                                                     | 64                      | 1,359      | 1,057      | - 95.3                   | + 28.6     |
|            | 37 (a)  |        | Dyeing and bleaching of yarn ...                                                                                   | 28,527                  |            |            |                          |            |
|            | (b & c) |        | Printing and preparation and sponging of textiles ...                                                              | 85                      | 17,096     | 23,061     | + 67.4                   | - 25.9     |
|            | 38 (c)  |        | Spinners unspecified ...                                                                                           | 6,645                   |            |            |                          |            |
|            | 38 (c)  |        | Weavers unspecified ...                                                                                            | 224,818                 |            |            |                          |            |
|            | 7       |        | Hides, skins and hard materials from the animal kingdom ...                                                        | 69,797                  | 132,232    | 163,896    | - 47.2                   | - 19.3     |
|            | 39      |        | Tanners, curriers, leather dressers and leather dyers, etc. ...                                                    | 15,886                  | 32,331     | 25,323     | - 50.9                   | + 26.6     |
|            | 40      |        | Makers of leather articles, such as trunks, water bags, saddlery or harness, etc., excluding articles of dress ... | 53,648                  | 99,309     | 132,000    | - 46.0                   | - 24.8     |
|            | 41      |        | Furriers and persons occupied with feathers and bristles (brush makers) ...                                        | 57                      | 59         | 6,000      | - 94.6                   | - 99.0     |
|            | 42      |        | Bone, ivory horn, shell, etc., workers (except button) ...                                                         | 208                     | 533        | 366        | - 61.4                   | + 45.6     |
|            | 8       |        | Wood ...                                                                                                           | 507,299                 | 638,284    | 529,003    | - 20.5                   | + 20.7     |
|            | 43      |        | Sawyers ...                                                                                                        | 39,582                  | 2,703      | 2,635      | - 13.5                   | + 2.8      |
|            | 44      |        | Carpenters, turners and joiners, etc. ...                                                                          | 322,448                 | 415,983    | 312,832    | + 33.0                   | + 33.0     |

## 7.—Selected occupations (1921, 1911 and 1901)—continued.

| Number of  |        |        | Occupation.                                                                                                                                             | Population supported in |           |           | Percentage of variation. |            |
|------------|--------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------|-----------|--------------------------|------------|
| Sub-class. | Order. | Group. |                                                                                                                                                         | 1921.                   | 1911.     | 1901.     | 1921-1911.               | 1911-1901. |
| 1          | 2      | 3      | 4                                                                                                                                                       | 5                       | 6         | 7         | 8                        | 9          |
| nt.        |        |        | Industry—continued.                                                                                                                                     |                         |           |           |                          |            |
|            | 45     |        | Basket makers and other industries of woody material, including leaves, and thatchers and builders working with bamboo, reeds, or similar materials ... | 145,319                 | 222,301   | 216,171   | - 34.6                   | + 2.8      |
|            | 9      |        | Metals ...                                                                                                                                              | 173,804                 | 219,594   | 210,727   | - 20.5                   | + 3.7      |
|            | 46     |        | Forging and rolling of iron and others ...                                                                                                              | 822                     |           |           |                          |            |
|            | 47     |        | Makers of arms, guns, etc. ...                                                                                                                          | 194                     |           |           |                          |            |
|            | 48     |        | Other workers in iron and makers of implements and tools, principally or exclusively of iron ...                                                        | 133,556                 | 158,072   | 152,359   | - 15.5                   | + 37.5     |
|            | 49     |        | Workers in brass, copper and bell-metal ...                                                                                                             | 26,381                  | 41,871    | 41,118    | - 37.0                   | + 1.8      |
|            | 10     |        | Ceramics ...                                                                                                                                            | 226,753                 | 249,413   | 190,235   | - 9.1                    | + 31.1     |
|            | 55     |        | Potters and earthen pipe and bowl makers ...                                                                                                            | 192,730                 | 224,053   | 167,769   | - 14.0                   | + 33.6     |
|            | 11     |        | Chemical products properly so called and analogous ...                                                                                                  | 47,414                  | 61,162    | 92,335    | - 22.4                   | - 33.8     |
|            | 61     |        | Manufacture and refining of vegetable oils ...                                                                                                          | 39,979                  | 53,302    | 58,356    | - 24.8                   | - 8.7      |
|            | 62     |        | Do. do. of mineral oils ...                                                                                                                             | 130                     |           |           |                          |            |
|            | 12     |        | Food industries ...                                                                                                                                     | 545,517                 | 619,298   | 625,535   | - 11.9                   | - 1.0      |
|            | 65     |        | Rice pounders and huskers and flour grinders ...                                                                                                        | 139,691                 | 204,922   | 256,830   | - 31.8                   | - 30.2     |
|            | 66     |        | Bakers and biscuit makers ...                                                                                                                           | 14,155                  | 12,995    | 6,601     | + 8.9                    | + 86.9     |
|            | 67     |        | Grain parchers, etc. ...                                                                                                                                | 3,389                   | 5,906     | 26,153    | - 42.8                   | - 70.7     |
|            | 68     |        | Butchers ...                                                                                                                                            | 24,885                  | 25,865    | 25,573    | - 3.7                    | - 9.5      |
|            | 69     |        | Fish cutters ...                                                                                                                                        | 760                     | 4,114     | 3,317     | - 81.5                   | + 36.1     |
|            | 71     |        | Makers of sugar, molasses and gur ...                                                                                                                   | 27,146                  | 25,093    | 23,651    | + 8.2                    | + 6.1      |
|            | 72     |        | Sweetmeat makers and preparers of jam and condiments, etc. ...                                                                                          | 7,359                   | 19,889    | 7,867     | - 63.0                   | + 152.8    |
|            | 73     |        | Brewers and distillers ...                                                                                                                              | 520                     | 4,335     | 710       | - 88.0                   | + 510.6    |
|            | 74     |        | Toddy drawers ...                                                                                                                                       | 293,575                 | 303,420   | 263,052   | - 3.2                    | + 15.3     |
|            | 13     |        | Industries of dress and the toilet ...                                                                                                                  | 1,098,146               | 1,235,134 | 1,136,065 | - 11.1                   | + 8.7      |
|            | 77     |        | Tailors, milliners, dress-makers, darners and embroiderers on linen ...                                                                                 | 69,255                  | 83,777    | 71,660    | - 17.3                   | + 16.9     |
|            | 78     |        | Shoe, boot and sandal makers ...                                                                                                                        | 256,857                 | 277,702   | 270,319   | - 7.5                    | + 2.7      |
|            | 80     |        | Washing, cleaning and dyeing ...                                                                                                                        | 553,116                 | 603,630   | 556,359   | - 8.4                    | + 8.5      |
|            | 81     |        | Barbers, hair-dressers and wig-makers ...                                                                                                               | 214,384                 | 260,537   | 233,527   | - 17.7                   | + 11.6     |
|            | 14     |        | Furniture industries ...                                                                                                                                | 2,512                   | 4,866     | 1,825     | - 48.4                   | + 166.6    |
|            | 15     |        | Building industries ...                                                                                                                                 | 570,321                 | 606,841   | 607,116   | - 6.0                    | - 0.0      |
|            | 86     |        | Excavators and well-sinkers ...                                                                                                                         | 210,296                 | 229,892   | 303,428   | - 8.5                    | - 24.2     |
|            | 87     |        | Stone-cutters and dressers ...                                                                                                                          | 82,595                  |           |           |                          |            |
|            | 88     |        | Brick-layers and masons ...                                                                                                                             | 225,556                 | 322,824   | 283,444   | - 4.5                    | + 13.9     |
|            | 16     |        | Construction of means of transport ...                                                                                                                  | 5,904                   | 3,616     | 2,635     | + 63.3                   | + 37.2     |
|            | 17     |        | Production and transmission of physical forces (heat, light, electricity motive power, etc.) ...                                                        | 2,596                   | 1,166     | 167       | + 122.6                  | + 598.2    |
|            | 18     |        | Other miscellaneous and undefined industries ...                                                                                                        | 435,564                 | 369,364   | 319,976   | + 5.2                    | + 15.4     |
|            | 88     |        | Workers in precious stones and metals, enamellers, imitation jewellery makers, gilders, etc. ...                                                        | 334,608                 | 330,566   | 288,161   | + 1.2                    | + 14.7     |
|            | 99     |        | Makers of bangles or beads or necklaces of other material than glass and makers of sprangles, rosaries, lingams and sacred threads ...                  | 8,950                   | 9,839     | 9,048     | - 9.0                    | + 8.7      |
|            | 102    |        | Contractors for the disposal of refuse, dust, etc. ...                                                                                                  | 320                     |           |           |                          |            |
|            | 103    |        | Sweepers, scavengers, etc. ...                                                                                                                          | 51,215                  | 44,802    | 38,746    | + 15.0                   | + 15.6     |
|            | 20     |        | Transport ...                                                                                                                                           | 540,908                 | 568,701   | 597,357   | - 4.9                    | - 4.8      |
|            | 107    |        | Transport by water ...                                                                                                                                  | 48,185                  | 74,966    | 84,132    | - 35.7                   | - 10.9     |
|            | 108    |        | Shipowners and their employees, ship-brokers, ships' officers, engineers, mariners and firemen ...                                                      | 9,005                   | 15,912    | 10,043    | - 43.4                   | + 58.4     |
|            | 109    |        | Persons (other than labourers) employed on the maintenance of streams, rivers, and canals (including construction) ...                                  | 3,271                   | 1,778     | 2,060     | + 312.9                  | - 13.7     |
|            | 110    |        | Labourers employed on the construction and maintenance of streams, rivers and canals ...                                                                | 4,071                   |           |           |                          |            |
|            | 21     |        | Boat-owners, boat-men and tow-men ...                                                                                                                   | 28,184                  | 51,983    | 71,208    | - 51.6                   | - 27.0     |
|            | 111    |        | Transport by road ...                                                                                                                                   | 317,280                 | 342,876   | 382,742   | - 7.4                    | - 10.5     |
|            | 112    |        | Persons (other than labourers) employed on the construction and maintenance of roads and bridges ...                                                    | 4,056                   | 31,638    | 36,666    | + 1.8                    | - 13.7     |
|            |        |        | Labourers employed on roads and bridges ...                                                                                                             | 28,153                  |           |           |                          |            |

## 8.—Occupations by caste.

| Caste and occupation.                                                           | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. | Caste and occupation.                                        | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. |
|---------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
| 1                                                                               | 2                                                    | 3                                         | 1                                                            | 2                                                    | 3                                         |
| Ambattan ... ..                                                                 | 458                                                  | 302                                       | Brāhman (Tamil)—concluded.                                   |                                                      |                                           |
| Barbers ... ..                                                                  | ...                                                  | 7                                         | Landowners and tenants ...                                   | 213                                                  | 327                                       |
| Cultivators: owners and tenants ... ..                                          | 279                                                  | 611                                       | Religion ... ..                                              | 71                                                   | 34                                        |
| Agricultural labourers ...                                                      | 66                                                   | 1,181                                     | Public administration ...                                    | 60                                                   | ...                                       |
| Medical practitioners and midwives ... ..                                       | 43                                                   | 1,214                                     | Insufficiently described occupations (other than labourers). | 39                                                   | 73                                        |
| Labourers (unspecified) ...                                                     | 37                                                   | 1,153                                     | Professors and teachers of all kinds ... ..                  | 37                                                   | 48                                        |
| Players on musical instruments (not military) ... ..                            | 34                                                   | 193                                       | Owners of hotels and their employees ... ..                  | 21                                                   | 139                                       |
| Landowners and tenants ...                                                      | 24                                                   | 489                                       | Lawyers, etc. ... ..                                         | 20                                                   | ...                                       |
| Others ... ..                                                                   | 52                                                   | 1,076                                     | Baukers and their employees ...                              | 16                                                   | 4                                         |
| Badaga ... ..                                                                   | ...                                                  | 340                                       | Railway employees ... ..                                     | 15                                                   | ...                                       |
| Agricultural labourers ...                                                      | 595                                                  | 206                                       | Others ... ..                                                | 140                                                  | 221                                       |
| Tea, coffee, etc., plantation employees ... ..                                  | 120                                                  | 986                                       | Brāhman (Kanarese) ... ..                                    | ...                                                  | 570                                       |
| Excavators, stone cutters, masons and labourers (unspecified) ... ..            | 113                                                  | 518                                       | Cultivators: owners and tenants ... ..                       | 643                                                  | 729                                       |
| Cultivators: owners and tenants ... ..                                          | 93                                                   | 1,053                                     | Landowners and tenants ...                                   | 114                                                  | 699                                       |
| Others ... ..                                                                   | 79                                                   | 83                                        | Religion ... ..                                              | 34                                                   | 103                                       |
| Baliya, Kavarai ... ..                                                          | ...                                                  | 616                                       | Public administration ...                                    | 30                                                   | ...                                       |
| Cultivators: owners and tenants ... ..                                          | 433                                                  | 671                                       | Trade in food stuffs ... ..                                  | 24                                                   | 81                                        |
| Agricultural labourers ...                                                      | 127                                                  | 1,014                                     | Professors and teachers ...                                  | 15                                                   | 214                                       |
| Trade of all sorts (except fish dealers) ... ..                                 | 104                                                  | 483                                       | Others ... ..                                                | 140                                                  | 367                                       |
| Landowners and tenants ...                                                      | 69                                                   | 274                                       | Brāhman (Oriyā) ... ..                                       | ...                                                  | 137                                       |
| Fishing and fish selling ...                                                    | 42                                                   | 970                                       | Cultivators: owners and tenants ... ..                       | 524                                                  | 142                                       |
| Labourers (unspecified) ...                                                     | 40                                                   | 1,313                                     | Landowners and tenants ...                                   | 196                                                  | 110                                       |
| Raising of farm stock ...                                                       | 20                                                   | 2,948                                     | Religion ... ..                                              | 51                                                   | 25                                        |
| Railway employees (other than coolies) and public administration and police ... | 18                                                   | ...                                       | Agricultural labourers ...                                   | 49                                                   | 370                                       |
| Textiles ... ..                                                                 | 11                                                   | 214                                       | Medical practitioners and midwives ... ..                    | 48                                                   | 5                                         |
| Others ... ..                                                                   | 86                                                   | 207                                       | Others ... ..                                                | 132                                                  | 196                                       |
| Billava ... ..                                                                  | ...                                                  | 883                                       | Brāhman (Malayālam) ...                                      | ...                                                  | 79                                        |
| Cultivators: owners and tenants ... ..                                          | 671                                                  | 879                                       | Landowners and tenants ...                                   | 412                                                  | 128                                       |
| Agricultural labourers ...                                                      | 209                                                  | 1,204                                     | Religion ... ..                                              | 125                                                  | ...                                       |
| Toddy drawers and sellers ...                                                   | 53                                                   | 45                                        | Hotel managers and their servants ... ..                     | 92                                                   | 22                                        |
| Landowners and tenants ...                                                      | 11                                                   | 1,077                                     | Cultivators: owners and tenants ... ..                       | 90                                                   | 138                                       |
| Rice pounders, huskers and flour grinders ... ..                                | 6                                                    | 8,282                                     | Cooks, water-carriers and other indoor servants ... ..       | 52                                                   | 158                                       |
| Others ... ..                                                                   | 50                                                   | 1,220                                     | Public administration ...                                    | 39                                                   | ...                                       |
| Bōya ... ..                                                                     | ...                                                  | 666                                       | Instruction ... ..                                           | 31                                                   | ...                                       |
| Cultivators: owners and tenants ... ..                                          | 434                                                  | 375                                       | Law ... ..                                                   | 22                                                   | ...                                       |
| Agricultural labourers ...                                                      | 377                                                  | 1,308                                     | Others ... ..                                                | 137                                                  | 47                                        |
| Porters and messengers and labourers (unspecified) ...                          | 67                                                   | 820                                       | Chakkiliyan ... ..                                           | ...                                                  | 597                                       |
| Landowners and tenants ...                                                      | 27                                                   | 473                                       | Agricultural labourers ...                                   | 408                                                  | 805                                       |
| Raising of farm stock and grass selling ... ..                                  | 20                                                   | 704                                       | Leather workers and traders in leather and shoes, etc. ...   | 221                                                  | 187                                       |
| Fishing and fish selling ...                                                    | 14                                                   | 183                                       | Miscellaneous labourers ...                                  | 152                                                  | 915                                       |
| Others ... ..                                                                   | 61                                                   | 426                                       | Cultivators: owners and tenants ... ..                       | 129                                                  | 908                                       |
| Brāhman (Telugu) ... ..                                                         | ...                                                  | 386                                       | Landowners and tenants ...                                   | 25                                                   | 341                                       |
| Cultivators: owners and tenants ... ..                                          | 494                                                  | 469                                       | Scavengers ... ..                                            | 14                                                   | 1,168                                     |
| Landowners and tenants ...                                                      | 295                                                  | 499                                       | Others ... ..                                                | 51                                                   | 219                                       |
| Religion ... ..                                                                 | 40                                                   | 71                                        | Chenchu ... ..                                               | ...                                                  | 480                                       |
| Public administration ...                                                       | 40                                                   | ...                                       | Miscellaneous labourers ...                                  | 239                                                  | 466                                       |
| Professors and teachers ...                                                     | 22                                                   | 79                                        | Wood cutters and sellers ...                                 | 276                                                  | 294                                       |
| Others ... ..                                                                   | 109                                                  | 280                                       | Agricultural labourers ...                                   | 114                                                  | 576                                       |
| Brāhman (Tamil) ... ..                                                          | ...                                                  | 276                                       | Cultivators: owners and tenants ... ..                       | 104                                                  | 582                                       |
| Cultivators: owners and tenants ... ..                                          | 368                                                  | 522                                       | Beggars ... ..                                               | 95                                                   | 582                                       |
|                                                                                 |                                                      |                                           | Basket makers and other workers on woody materials.          | 34                                                   | ...                                       |
|                                                                                 |                                                      |                                           | Hunters ... ..                                               | 5                                                    | ...                                       |
|                                                                                 |                                                      |                                           | Others ... ..                                                | 133                                                  | 1,152                                     |

## 8.—Occupations by caste—continued.

| Caste and occupation.                                                      | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. | Caste and occupation.                                                | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. |
|----------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
| 1                                                                          | 2                                                    | 3                                         | 1                                                                    | 2                                                    | 3                                         |
| Cheruman ... ..                                                            | ...                                                  | 995                                       | Idaiyan, Yādava—cont.                                                |                                                      |                                           |
| Agricultural labourers ...                                                 | 912                                                  | 1,070                                     | Cow, sheep and buffalo breeders and herdsmen, shepherds, etc. ... .. | 79                                                   | 160                                       |
| Basket makers and other workers on woody materials.                        | 32                                                   | 1,370                                     | Landowners and tenants ...                                           | 93                                                   | 808                                       |
| Cultivators: owners and tenants ... ..                                     | 5                                                    | 225                                       | Agricultural labourers ...                                           | 91                                                   | 1,055                                     |
| Others ... ..                                                              | 51                                                   | 186                                       | Milk, etc., sellers and sheep, etc., sellers ... ..                  | 43                                                   | 1,775                                     |
| Chatti ... ..                                                              | ...                                                  | 413                                       | Miscellaneous labourers ...                                          | 33                                                   | 1,202                                     |
| Cultivators: owners and tenants ... ..                                     | 304                                                  | 383                                       | Others ... ..                                                        | 80                                                   | 293                                       |
| Landowners and tenants ...                                                 | 143                                                  | 602                                       | Idiga, Arya Hihida, Setti                                            |                                                      |                                           |
| Traders of all kinds ... ..                                                | 270                                                  | 188                                       | Baliya ... ..                                                        | ...                                                  | 926                                       |
| Agricultural labourers ...                                                 | 82                                                   | 920                                       | Cultivators: owners and tenants ... ..                               | 456                                                  | 643                                       |
| Money lenders ... ..                                                       | 49                                                   | 381                                       | Agricultural labourers ...                                           | 296                                                  | 4,288                                     |
| Textile industries ... ..                                                  | 32                                                   | 214                                       | Toddy drawers and sellers ...                                        | 144                                                  | 95                                        |
| Others ... ..                                                              | 120                                                  | 380                                       | Landowners and tenants ...                                           | 31                                                   | 170                                       |
| Dāvānga ... ..                                                             | ...                                                  | 562                                       | Others ... ..                                                        | 73                                                   | 1,632                                     |
| Cotton weavers ... ..                                                      | 448                                                  | 573                                       | Iluvan ... ..                                                        | ...                                                  | 695                                       |
| Cotton spinners and dyers ...                                              | 81                                                   | 413                                       | Agricultural labourers ...                                           | 593                                                  | 1,570                                     |
| Cultivators: owners and tenants ... ..                                     | 130                                                  | 572                                       | Cultivators: owners and tenants ... ..                               | 201                                                  | 193                                       |
| Agricultural labourers ...                                                 | 91                                                   | 1,139                                     | Toddy drawers and sellers ...                                        | 86                                                   | 14                                        |
| Landowners and tenants ...                                                 | 72                                                   | 530                                       | Rice pounders, etc. ... ..                                           | 27                                                   | 659,500                                   |
| Traders in textiles and ready-made clothing and sundry shop-keepers ... .. | 61                                                   | 376                                       | Others ... ..                                                        | 93                                                   | 1,118                                     |
| Silk weavers ... ..                                                        | 11                                                   | 525                                       | Irulan ... ..                                                        | ...                                                  | 402                                       |
| Others ... ..                                                              | 108                                                  | 424                                       | Agricultural labourers ...                                           | 402                                                  | 496                                       |
| Dombō ... ..                                                               | ...                                                  | 290                                       | Cultivators: owners and tenants ... ..                               | 318                                                  | 217                                       |
| Cultivators: owners and tenants ... ..                                     | 399                                                  | 115                                       | Rice pounders, etc. ... ..                                           | 82                                                   | 922                                       |
| Miscellaneous labourers ...                                                | 150                                                  | 1,278                                     | Masons and miscellaneous labourers ... ..                            | 35                                                   | 653                                       |
| Cotton weavers ... ..                                                      | 120                                                  | ...                                       | Firewood cutters and sellers ...                                     | 32                                                   | 633                                       |
| Agricultural labourers ...                                                 | 117                                                  | 1,186                                     | Landowners and tenants ...                                           | 27                                                   | 703                                       |
| Cattle breeders and herdsmen.                                              | 115                                                  | 35                                        | Cattle and sheep breeders and herdsmen, shepherds, etc. ...          | 22                                                   | 141                                       |
| Others ... ..                                                              | 99                                                   | 475                                       | Others ... ..                                                        | 82                                                   | 252                                       |
| Gadabā ... ..                                                              | ...                                                  | 688                                       | Jains ... ..                                                         | ...                                                  | 250                                       |
| Cultivators: owners and tenants ... ..                                     | 720                                                  | 783                                       | Cultivators: owners and tenants ... ..                               | 759                                                  | 244                                       |
| Agricultural labourers ...                                                 | 135                                                  | 840                                       | Landowners and tenants ...                                           | 41                                                   | 559                                       |
| Firewood sellers ... ..                                                    | 25                                                   | 1,126                                     | General storekeepers and shopkeepers (unspecified) ...               | 41                                                   | 81                                        |
| Landowners and tenants ...                                                 | 25                                                   | 395                                       | Traders in textiles, piece-goods and clothing ... ..                 | 29                                                   | 39                                        |
| Basket makers and other workers on woody materials.                        | 16                                                   | ...                                       | Money lenders ... ..                                                 | 22                                                   | 31                                        |
| Others ... ..                                                              | 79                                                   | 174                                       | Religion ... ..                                                      | 19                                                   | ...                                       |
| Golla ... ..                                                               | ...                                                  | 673                                       | Others ... ..                                                        | 79                                                   | 602                                       |
| Cultivators: owners and tenants ... ..                                     | 476                                                  | 513                                       | Kaikōlan, Sengundar, Sengunda Kshatriya ... ..                       | ...                                                  | 426                                       |
| Agricultural labourers ...                                                 | 261                                                  | 1,224                                     | Textile workers ... ..                                               | 480                                                  | 362                                       |
| Cattle breeders and herdsmen and shepherds ... ..                          | 112                                                  | 229                                       | Cultivators: owners and tenants ... ..                               | 247                                                  | 449                                       |
| Landowners and tenants ...                                                 | 25                                                   | 754                                       | Agricultural labourers ...                                           | 71                                                   | 713                                       |
| Milk, etc., sellers and sheep and cattle traders ... ..                    | 22                                                   | 701                                       | Landowners and tenants ...                                           | 45                                                   | 487                                       |
| Others ... ..                                                              | 104                                                  | 1,181                                     | Miscellaneous labourers ...                                          | 40                                                   | 1,523                                     |
| Holeya ... ..                                                              | ...                                                  | 1,018                                     | Traders in textiles, piece-goods and clothing ... ..                 | 27                                                   | 102                                       |
| Agricultural labourers ...                                                 | 442                                                  | 1,183                                     | Others ... ..                                                        | 90                                                   | 358                                       |
| Cultivators: owners and tenants ... ..                                     | 480                                                  | 1,012                                     | Kallan ... ..                                                        | ...                                                  | 691                                       |
| Basket makers and other workers on woody materials.                        | 25                                                   | 185                                       | Cultivators: owners and tenants ... ..                               | 607                                                  | 635                                       |
| Stone cutters and masons, etc.                                             | 11                                                   | 213                                       | Landowners and tenants ...                                           | 197                                                  | 700                                       |
| Landowners and tenants ...                                                 | 8                                                    | 1,000                                     | Agricultural labourers ...                                           | 98                                                   | 1,242                                     |
| Others ... ..                                                              | 34                                                   | 684                                       | Miscellaneous labourers ...                                          | 23                                                   | 964                                       |
| Idaiyan, Yādava ... ..                                                     | ...                                                  | 603                                       | Rice pounders, etc. ... ..                                           | 6                                                    | 5,582                                     |
| Cultivators: owners and tenants ... ..                                     | 581                                                  | 580                                       | Cart owners, drivers, etc. ...                                       | 6                                                    | 68                                        |
|                                                                            |                                                      |                                           | Domestic servants ... ..                                             | 8                                                    | 869                                       |
|                                                                            |                                                      |                                           | Shepherds, etc. ... ..                                               | 7                                                    | 130                                       |
|                                                                            |                                                      |                                           | Others ... ..                                                        | 48                                                   | 512                                       |



## 8.—Occupations by caste—continued.

| Caste and occupation.                                                          | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. | Caste and occupation.                                 | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. |
|--------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------|-------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
| <b>Kamma</b> ... ..                                                            | ...                                                  | 375                                       | <b>Konda Dora—concluded.</b>                          | ...                                                  | ...                                       |
| Cultivators: owners and tenants                                                | 757                                                  | 351                                       | Agricultural labourers ...                            | 142                                                  | 608                                       |
| Agricultural labourers ...                                                     | 147                                                  | 405                                       | Landowners and tenants ...                            | 16                                                   | 274                                       |
| Landowners and tenants ...                                                     | 49                                                   | 546                                       | Village watchmen ...                                  | 12                                                   | ...                                       |
| Miscellaneous labourers ...                                                    | 9                                                    | 1,592                                     | Firewood sellers ...                                  | 11                                                   | 1,212                                     |
| Others ... ..                                                                  | 38                                                   | 403                                       | Others ... ..                                         | 32                                                   | 140                                       |
| <b>Kammalan, Kamsala, Panchala, Visva Brahman, Visva Karma (Tamil)</b> ... ..  | ...                                                  | 283                                       | <b>Kshatriya</b> ... ..                               | ...                                                  | 351                                       |
| Cultivators: owners and tenants                                                | 221                                                  | 557                                       | Cultivators: owners and tenants                       | 586                                                  | 237                                       |
| Wood industries ...                                                            | 213                                                  | 38                                        | Agricultural labourers ...                            | 94                                                   | 1,082                                     |
| Goldsmiths, silversmiths, etc.                                                 | 181                                                  | 27                                        | Landowners and tenants ...                            | 72                                                   | 280                                       |
| Metal industries ...                                                           | 126                                                  | 34                                        | Fishing and selling fish ...                          | 53                                                   | 1,874                                     |
| Agricultural labourers ...                                                     | 73                                                   | 1,942                                     | Sundry storekeepers and shopkeepers (unspecified) ... | 17                                                   | 758                                       |
| Landowners and tenants ...                                                     | 33                                                   | 1,037                                     | Miscellaneous labourers ...                           | 14                                                   | 1,136                                     |
| Miscellaneous labourers ...                                                    | 22                                                   | 1,637                                     | Tailors ... ..                                        | 11                                                   | 532                                       |
| Masons and housebuilders ...                                                   | 19                                                   | 82                                        | Army, police and public administration ...            | 12                                                   | ...                                       |
| Religion ... ..                                                                | 8                                                    | ...                                       | Money-lenders ... ..                                  | 8                                                    | 504                                       |
| Others ... ..                                                                  | 104                                                  | 744                                       | Cashiers, accountants, etc. ...                       | 7                                                    | 42                                        |
| <b>Kammalan, Kamsala, Panchala, Visva Brahman, Visva Karma (Telugu)</b> ... .. | ...                                                  | 235                                       | Raising of farm stock ...                             | 10                                                   | 258                                       |
| Goldsmiths, silversmiths, etc.                                                 | 338                                                  | 84                                        | Boatmen ... ..                                        | 5                                                    | ...                                       |
| Carpenters ... ..                                                              | 321                                                  | 101                                       | Goldsmiths and silversmiths ...                       | 5                                                    | 49                                        |
| Cultivators: owners and tenants                                                | 133                                                  | 491                                       | Traders in clothing and toilet articles ...           | 5                                                    | 215                                       |
| Landowners and tenants ...                                                     | 48                                                   | 659                                       | Others ... ..                                         | 101                                                  | 321                                       |
| Agricultural labourers ...                                                     | 41                                                   | 3,161                                     | <b>Kuravan</b> ... ..                                 | ...                                                  | 675                                       |
| Blacksmiths, coppersmiths, etc.                                                | 33                                                   | 102                                       | Agricultural labourers ...                            | 273                                                  | 670                                       |
| Others ... ..                                                                  | 91                                                   | 708                                       | Landowners and tenants ...                            | 276                                                  | 707                                       |
| <b>Kapu</b> ... ..                                                             | ...                                                  | 529                                       | Basket workers and sellers of bark, leaves, etc. ...  | 161                                                  | 627                                       |
| Cultivators: owners and tenants                                                | 789                                                  | 475                                       | Clay workers and miscellaneous labourers ...          | 109                                                  | 788                                       |
| Agricultural labourers ...                                                     | 120                                                  | 1,156                                     | Cattle and pig breeders ...                           | 30                                                   | 619                                       |
| Miscellaneous labourers ...                                                    | 17                                                   | 180                                       | Scavengers ... ..                                     | 18                                                   | 788                                       |
| Landowners and tenants ...                                                     | 35                                                   | 847                                       | Landowners and tenants ...                            | 15                                                   | 948                                       |
| Sundry shopkeepers ...                                                         | 3                                                    | 193                                       | Weavers of woollen blankets ...                       | 10                                                   | 47,429                                    |
| Cattle, etc., breeders and shepherds ...                                       | 3                                                    | 145                                       | Tatoosers ... ..                                      | 16                                                   | 9,740                                     |
| Others ... ..                                                                  | 33                                                   | 345                                       | Others ... ..                                         | 97                                                   | 257                                       |
| <b>Khond</b> ... ..                                                            | ...                                                  | 932                                       | <b>Kuruba</b> ... ..                                  | ...                                                  | 557                                       |
| Cultivators: owners and tenants                                                | 688                                                  | 640                                       | Cultivators: owners and tenants                       | 560                                                  | 429                                       |
| Miscellaneous labourers ...                                                    | 106                                                  | 2,213                                     | Agricultural labourers ...                            | 153                                                  | 1,190                                     |
| Agricultural labourers ...                                                     | 154                                                  | 2,352                                     | Landowners and tenants ...                            | 108                                                  | 655                                       |
| Landowners and tenants ...                                                     | 34                                                   | 2,532                                     | Sheep, etc., breeders and sellers                     | 35                                                   | 234                                       |
| Sundry shopkeepers ...                                                         | 4                                                    | ...                                       | Weavers of woollen blankets ...                       | 33                                                   | 624                                       |
| Basket, etc., makers ...                                                       | 4                                                    | 1,957                                     | Miscellaneous labourers ...                           | 13                                                   | 572                                       |
| Firewood sellers ... ..                                                        | 3                                                    | 6,821                                     | Sundry shopkeepers ...                                | 10                                                   | 403                                       |
| Sellers of bark, etc. ...                                                      | 2                                                    | 110                                       | Basket, etc., makers ...                              | 7                                                    | 880                                       |
| Others ... ..                                                                  | 5                                                    | 485                                       | Extractors of vegetable oils ...                      | 6                                                    | 204                                       |
| <b>Komati, Arya Vaisya</b> ... ..                                              | ...                                                  | 497                                       | Others ... ..                                         | 75                                                   | 846                                       |
| Sundry storekeepers and miscellaneous shopkeepers                              | 380                                                  | 388                                       | <b>Kurumban</b> ... ..                                | ...                                                  | 755                                       |
| Cultivators: owners and tenants                                                | 207                                                  | 753                                       | Cultivators: owners and tenants                       | 347                                                  | 577                                       |
| Trade in foodstuffs ...                                                        | 113                                                  | 481                                       | Agricultural labourers ...                            | 309                                                  | 918                                       |
| Landowners and tenants ...                                                     | 88                                                   | 621                                       | Sheep, etc., breeders and sellers                     | 113                                                  | 424                                       |
| Agricultural labourers ...                                                     | 41                                                   | 1,173                                     | Miscellaneous labourers ...                           | 78                                                   | 2,914                                     |
| Money-lenders ... ..                                                           | 27                                                   | 262                                       | Landowners and tenants ...                            | 46                                                   | 916                                       |
| Traders in piece-goods ...                                                     | 19                                                   | 213                                       | Weavers of woollen blankets ...                       | 32                                                   | 1,027                                     |
| Hotel-keepers, etc. ...                                                        | 18                                                   | 283                                       | Cotton weavers ... ..                                 | 23                                                   | 297                                       |
| Trade in articles of clothing and toilet ...                                   | 12                                                   | 96                                        | Sellers of milk, poultry, etc. ...                    | 5                                                    | 712                                       |
| Others ... ..                                                                  | 95                                                   | 471                                       | Others ... ..                                         | 47                                                   | 621                                       |
| <b>Konda Dora</b> ... ..                                                       | ...                                                  | 1,011                                     | <b>Kusavan</b> ... ..                                 | ...                                                  | 542                                       |
| Cultivators: owners and tenants                                                | 613                                                  | 1,131                                     | Potters and sellers of pottery ...                    | 403                                                  | 270                                       |
| Miscellaneous labourers ...                                                    | 168                                                  | 1,754                                     | Cultivators: owners and tenants                       | 243                                                  | 711                                       |
|                                                                                |                                                      |                                           | Agricultural labourers ...                            | 138                                                  | 3,862                                     |
|                                                                                |                                                      |                                           | Masons and bricklayers ...                            | 74                                                   | 23                                        |
|                                                                                |                                                      |                                           | Landowners and tenants ...                            | 34                                                   | 835                                       |

## 8.—Occupations by caste—continued.

| Caste and occupation.                               | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. | Caste and occupation.                                                                    | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. |
|-----------------------------------------------------|------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
| <b>Kusavan—concluded.</b>                           | ...                                                  | ...                                       | <b>Nayar</b> ... ..                                                                      | ...                                                  | ...                                       |
| Miscellaneous labourers ...                         | 25                                                   | 453                                       | Cultivators: owners and tenants                                                          | 504                                                  | ...                                       |
| Cotton weavers ... ..                               | 15                                                   | 896                                       | Agricultural labourers ...                                                               | 172                                                  | ...                                       |
| Others ... ..                                       | 67                                                   | 430                                       | Landowners and tenants ...                                                               | 59                                                   | ...                                       |
| <b>Lambadi</b> ... ..                               | ...                                                  | 698                                       | Rice pounders, etc. ...                                                                  | 35                                                   | ...                                       |
| Agricultural labourers ...                          | 368                                                  | 798                                       | Domestic servants ... ..                                                                 | 33                                                   | ...                                       |
| Cultivators: owners and tenants                     | 362                                                  | 488                                       | Public administration ...                                                                | 25                                                   | ...                                       |
| Beggars ... ..                                      | 45                                                   | 658                                       | Teachers, etc. ... ..                                                                    | 14                                                   | ...                                       |
| Landowners and tenants ...                          | 40                                                   | 623                                       | Police ... ..                                                                            | 1                                                    | ...                                       |
| Firewood cutters and sellers ...                    | 25                                                   | 2,203                                     | Agents to landed proprietors ...                                                         | ...                                                  | ...                                       |
| Miscellaneous labourers ...                         | 23                                                   | 1,627                                     | Hotel keepers and servants ...                                                           | ...                                                  | ...                                       |
| Raising of farm stock ...                           | 32                                                   | 1,031                                     | Others ... ..                                                                            | ...                                                  | ...                                       |
| Cartowners, drivers, etc. ...                       | 16                                                   | 684                                       | <b>Odde</b> ... ..                                                                       | ...                                                  | ...                                       |
| Others ... ..                                       | 89                                                   | 879                                       | Earthwork labourers ...                                                                  | ...                                                  | ...                                       |
| <b>Madiga</b> ... ..                                | ...                                                  | 690                                       | Cultivators: owners and tenants                                                          | 209                                                  | ...                                       |
| Agricultural labourers ...                          | 473                                                  | 1,009                                     | Agricultural labourers ...                                                               | 183                                                  | 1.2                                       |
| Leather workers and sellers of sandals, etc. ...    | 191                                                  | 229                                       | Miscellaneous labourers ...                                                              | 94                                                   | 1.2                                       |
| Cultivators: owners and tenants                     | 165                                                  | 418                                       | Stone cutters, masons and house builders ...                                             | 149                                                  | ...                                       |
| Miscellaneous labourers ...                         | 80                                                   | 1,067                                     | Landowners and tenants ...                                                               | 15                                                   | ...                                       |
| Landowners and tenants ...                          | 19                                                   | 192                                       | Scavengers ... ..                                                                        | 6                                                    | ...                                       |
| Beggars ... ..                                      | 12                                                   | 581                                       | Others ... ..                                                                            | 53                                                   | ...                                       |
| Sellers of bark, etc. ...                           | 7                                                    | 55,255                                    | <b>Pallan</b> ... ..                                                                     | ...                                                  | ...                                       |
| Others ... ..                                       | 53                                                   | 1,183                                     | Agricultural labourers ...                                                               | 437                                                  | ...                                       |
| <b>Mala</b> ... ..                                  | ...                                                  | 887                                       | Cultivators: owners and tenants                                                          | 292                                                  | ...                                       |
| Agricultural labourers ...                          | 609                                                  | 1,079                                     | Earthwork coolies, porters and messengers, unspecified coolies ...                       | 138                                                  | ...                                       |
| Cultivators: owners and tenants                     | 206                                                  | 548                                       | Landowners and tenants ...                                                               | 80                                                   | ...                                       |
| Miscellaneous labourers ...                         | 84                                                   | 1,287                                     | Shepherds ... ..                                                                         | 10                                                   | ...                                       |
| Landowners and tenants ...                          | 22                                                   | 508                                       | Rice pounders ... ..                                                                     | ...                                                  | ...                                       |
| Cotton weavers ... ..                               | 21                                                   | 729                                       | Preparers of sugar, gur, etc. ...                                                        | ...                                                  | ...                                       |
| Raising of farm stock ...                           | 13                                                   | 247                                       | Others ... ..                                                                            | ...                                                  | ...                                       |
| Others ... ..                                       | 45                                                   | 508                                       | <b>Palli, Vanniya, Vanniya Kshatriya, Vannikula Kshatriya, Agnikula Kshatriya</b> ... .. | ...                                                  | ...                                       |
| <b>Mangala</b> ... ..                               | ...                                                  | 400                                       | Cultivators: owners and tenants                                                          | 44                                                   | 1,018                                     |
| Barbers ... ..                                      | 388                                                  | 59                                        | Agricultural labourers ...                                                               | 66                                                   | ...                                       |
| Cultivators: owners and tenants                     | 303                                                  | 554                                       | Landowners and tenants ...                                                               | 22                                                   | 138                                       |
| Agricultural labourers ...                          | 156                                                  | 2,479                                     | Accountants, cashiers, unspecified and miscellaneous labourers ...                       | 15                                                   | 5                                         |
| Landowners and tenants ...                          | 43                                                   | 346                                       | Masons and bricklayers, etc. ...                                                         | 14                                                   | ...                                       |
| Players on musical instruments and actors, etc. ... | 36                                                   | 108                                       | Weavers ... ..                                                                           | 322                                                  | ...                                       |
| Others ... ..                                       | 74                                                   | 703                                       | Cartowners, drivers, etc. ...                                                            | 565                                                  | 638                                       |
| <b>Maravan</b> ... ..                               | ...                                                  | 752                                       | Cartowners, drivers, etc. ...                                                            | 271                                                  | 751                                       |
| Cultivators: owners and tenants                     | 575                                                  | 654                                       | Miscellaneous labourers ...                                                              | 52                                                   | 478                                       |
| Agricultural labourers ...                          | 167                                                  | 1,302                                     | Masons, bricklayers and house-builders ...                                               | 12                                                   | 1,15                                      |
| Landowners and tenants ...                          | 153                                                  | 631                                       | Landowners and tenants ...                                                               | 15                                                   | 75                                        |
| Miscellaneous labourers ...                         | 56                                                   | 1,034                                     | Coffee, etc., planters and garden workers ...                                            | 13                                                   | 69                                        |
| Carpenters and workers on woody materials ...       | 8                                                    | ...                                       |                                                                                          |                                                      |                                           |
| Others ... ..                                       | 41                                                   | 300                                       |                                                                                          |                                                      |                                           |
| <b>Nadar</b> ... ..                                 | ...                                                  | 399                                       |                                                                                          |                                                      |                                           |
| Cultivators: owners and tenants                     | 365                                                  | 357                                       |                                                                                          |                                                      |                                           |
| Toddy drawers and sellers ...                       | 217                                                  | 57                                        |                                                                                          |                                                      |                                           |
| Agricultural labourers ...                          | 130                                                  | 1,546                                     |                                                                                          |                                                      |                                           |
| Landowners and tenants ...                          | 47                                                   | 1,685                                     |                                                                                          |                                                      |                                           |
| Miscellaneous labourers ...                         | 38                                                   | 1,739                                     |                                                                                          |                                                      |                                           |
| Fishing ... ..                                      | 25                                                   | 57                                        |                                                                                          |                                                      |                                           |
| Rice pounders, etc. ...                             | 23                                                   | 599                                       |                                                                                          |                                                      |                                           |
| Masons and bricklayers ...                          | 23                                                   | 140                                       |                                                                                          |                                                      |                                           |
| Makers of sugar, gur and molasses ... ..            | 15                                                   | 1,378                                     |                                                                                          |                                                      |                                           |
| Cotton spinners ... ..                              | 13                                                   | 70                                        |                                                                                          |                                                      |                                           |
| Sundry bazaar keepers ...                           | 10                                                   | 92                                        |                                                                                          |                                                      |                                           |
| Others ... ..                                       | 94                                                   | 296                                       |                                                                                          |                                                      |                                           |

## 8.—Occupations by caste—continued.

| Caste and occupation.                              | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. | Caste and occupation.                                               | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. |
|----------------------------------------------------|------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
| <b>Paraiyan, Panchama—concluded.</b>               |                                                      |                                           | <b>Tiyan</b>                                                        |                                                      | <b>664</b>                                |
| Cattle, etc., breeders and herdsmen ...            | 12                                                   | 132                                       | Agricultural labourers ...                                          | 444                                                  | 1,300                                     |
| Village watchmen and village servants ...          | 7                                                    | ...                                       | Cultivators: owners and tenants ...                                 | 209                                                  | 217                                       |
| Others ...                                         | 53                                                   | 332                                       | Poddy drawers ...                                                   | 70                                                   | ...                                       |
| <b>Pattavan</b>                                    |                                                      | <b>545</b>                                | Workers in coconut fibre and sellers of textiles ...                | 85                                                   | 10,637                                    |
| Fishing and selling fish ...                       | 630                                                  | 987                                       | Sawyers ...                                                         | 20                                                   | 1                                         |
| Boatmen, ship's employees and harbour coolies ...  | 124                                                  | 6                                         | Clerks unspecified and miscellaneous labourers ...                  | 18                                                   | 272                                       |
| Cultivators: owners and tenants ...                | 99                                                   | 22                                        | Porters, messengers and domestic servants ...                       | 16                                                   | 372                                       |
| Miscellaneous labourers ...                        | 34                                                   | 232                                       | Gardeners, firewood, etc., collectors and sellers of vegetables ... | 17                                                   | 62                                        |
| Gardeners and firewood sellers ...                 | 12                                                   | 112                                       | Grain sellers and sundry shopkeepers ...                            | 12                                                   | 78                                        |
| Cotton weavers ...                                 | 8                                                    | 25                                        | Brick and tile makers and masons ...                                | 10                                                   | 58                                        |
| Others ...                                         | 93                                                   | 459                                       | Hotel keepers, etc. ...                                             | 6                                                    | 34                                        |
| <b>Saurashtra, Saurashtra Brahman</b>              |                                                      | <b>605</b>                                | Others ...                                                          | 93                                                   | 228                                       |
| Cotton spinners and weavers ...                    | 471                                                  | 545                                       | <b>Tsakala</b>                                                      |                                                      | <b>847</b>                                |
| Cultivators: owners and tenants ...                | 172                                                  | 487                                       | Washermen ...                                                       | 793                                                  | 951                                       |
| Agricultural labourers ...                         | 122                                                  | 868                                       | Cultivators: owners and tenants ...                                 | 121                                                  | 604                                       |
| Landowners and tenants ...                         | 71                                                   | 397                                       | Agricultural labourers ...                                          | 37                                                   | 827                                       |
| Miscellaneous labourers ...                        | 65                                                   | 2,491                                     | Landowners and tenants ...                                          | 24                                                   | 215                                       |
| Traders in piece-goods and ready-made clothing ... | 28                                                   | 113                                       | Miscellaneous labourers ...                                         | 14                                                   | 207                                       |
| Others ...                                         | 71                                                   | 672                                       | Others ...                                                          | 21                                                   | 346                                       |
| <b>Saurashtra, Saurashtra Brahman</b>              |                                                      | <b>361</b>                                | <b>Valaiyan</b>                                                     |                                                      | <b>745</b>                                |
| Cotton spinners and weavers ...                    | 462                                                  | 274                                       | Cultivators: owners and tenants ...                                 | 463                                                  | 510                                       |
| Spinners and weavers ...                           | 169                                                  | 369                                       | Landowners and tenants ...                                          | 139                                                  | 1,835                                     |
| Poddy drawers ...                                  | 71                                                   | 1,295                                     | Agricultural labourers ...                                          | 152                                                  | 1,034                                     |
| Traders in piece-goods and ready-made clothing ... | 58                                                   | 30                                        | Fishing and selling fish ...                                        | 58                                                   | 387                                       |
| Cultivators: owners and tenants ...                | 38                                                   | 222                                       | Miscellaneous labourers ...                                         | 91                                                   | 1,974                                     |
| Agricultural labourers, etc. ...                   | 18                                                   | ...                                       | Others ...                                                          | 97                                                   | 334                                       |
| Miscellaneous tenants ...                          | 17                                                   | 198                                       | <b>Vaniyan, Vaniga Vaisya</b>                                       |                                                      | <b>417</b>                                |
| Landowners, etc. ...                               | 18                                                   | 10,239                                    | Extracting and selling vegetable oils ...                           | 379                                                  | 652                                       |
| Sundry shopkeepers ...                             | 13                                                   | 51                                        | Cultivators: owners and tenants ...                                 | 215                                                  | 248                                       |
| Cattle, etc., to administrators ...                | 8                                                    | 3                                         | Agricultural labourers ...                                          | 104                                                  | 347                                       |
| Others ...                                         | 6                                                    | ...                                       | Miscellaneous labourers ...                                         | 55                                                   | 474                                       |
| <b>Khond</b>                                       |                                                      | <b>755</b>                                | Landowners and tenants ...                                          | 48                                                   | 263                                       |
| Cultivators: owners and tenants ...                | 561                                                  | 633                                       | Other traders in food stuffs and sundry storekeepers, etc. ...      | 81                                                   | 283                                       |
| Miscellaneous tenants ...                          | 203                                                  | 620                                       | Others ...                                                          | 118                                                  | 340                                       |
| Agricultural labourers ...                         | 165                                                  | 2,134                                     | <b>Vannan</b>                                                       |                                                      | <b>788</b>                                |
| Landowners, etc. ...                               | 47                                                   | 1,686                                     | Washermen ...                                                       | 733                                                  | 956                                       |
| Sundry shopkeepers ...                             | 13                                                   | 817                                       | Cultivators: owners and tenants ...                                 | 129                                                  | 390                                       |
| Basket, etc., makers ...                           | 11                                                   | 551                                       | Agricultural labourers ...                                          | 38                                                   | 744                                       |
| Firewood sellers ...                               | ...                                                  | ...                                       | Miscellaneous labourers ...                                         | 19                                                   | 2,330                                     |
| Sellers of bark, etc. ...                          | ...                                                  | ...                                       | Grocers and sundry shopkeepers ...                                  | 18                                                   | 251                                       |
| Others ...                                         | ...                                                  | ...                                       | Tailors ...                                                         | 14                                                   | 34                                        |
| <b>Kantri Arya</b>                                 |                                                      | <b>384</b>                                | Others ...                                                          | 49                                                   | 348                                       |
| Cultivators: owners and tenants ...                | 450                                                  | 335                                       | <b>Velama</b>                                                       |                                                      | <b>833</b>                                |
| Agricultural labourers ...                         | 113                                                  | 393                                       | Cultivators: owners and tenants ...                                 | 793                                                  | 777                                       |
| Landowners and tenants ...                         | 39                                                   | 192                                       | Agricultural labourers ...                                          | 97                                                   | 1,373                                     |
| Rope, etc., makers ...                             | 37                                                   | 502                                       | Miscellaneous labourers ...                                         | 45                                                   | 1,951                                     |
| Miscellaneous labourers ...                        | 30                                                   | 1,782                                     | Landowners and tenants ...                                          | 33                                                   | 512                                       |
| Fish curers ...                                    | 6                                                    | 72                                        | Others ...                                                          | 32                                                   | 503                                       |
| Others ...                                         | 159                                                  | 398                                       | <b>Vellala</b>                                                      |                                                      | <b>234</b>                                |
| <b>Telaga</b>                                      |                                                      | <b>461</b>                                | Cultivators: owners and tenants ...                                 | 534                                                  | 99                                        |
| Cultivators: owners and tenants ...                | 625                                                  | 396                                       | Agricultural labourers ...                                          | 158                                                  | 453                                       |
| Agricultural labourers ...                         | 153                                                  | 608                                       | Landowners and tenants ...                                          | 124                                                  | 375                                       |
| Miscellaneous labourers ...                        | 49                                                   | 1,351                                     | Gardeners and miscellaneous labourers ...                           | 43                                                   | 887                                       |
| Landowners and tenants ...                         | 44                                                   | 533                                       | Traders of all sorts ...                                            | 36                                                   | 603                                       |
| Sundry bazaar keepers ...                          | 18                                                   | 527                                       | Masons and house builders ...                                       | 10                                                   | 441                                       |
| Sundry bazaar keepers ...                          | 7                                                    | ...                                       |                                                                     |                                                      |                                           |
| Police ...                                         | 7                                                    | 980                                       |                                                                     |                                                      |                                           |
| Sellers of vegetables ...                          | 97                                                   | 391                                       |                                                                     |                                                      |                                           |
| Others ...                                         | ...                                                  | ...                                       |                                                                     |                                                      |                                           |

## 8.—Occupations by caste—continued.

| Caste and occupation.                                                          | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. | Caste and occupation.                                | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. |
|--------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------|------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
| <b>Vellala—concluded.</b>                                                      |                                                      |                                           | <b>Mappilla—concluded.</b>                           |                                                      |                                           |
| Weavers ...                                                                    | 7                                                    | 359                                       | Coffee, tea, etc., plantation employees ...          | 12                                                   | 329                                       |
| Cashiers, accountants, unspecified ...                                         | 6                                                    | 11                                        | Hotel keepers and servants ...                       | 12                                                   | 231                                       |
| Money-lenders ...                                                              | 4                                                    | 361                                       | Tailors ...                                          | 10                                                   | 212                                       |
| Others ...                                                                     | 73                                                   | 289                                       | Religion ...                                         | 13                                                   | 47                                        |
| <b>Yanadi</b>                                                                  |                                                      | <b>676</b>                                | Others ...                                           | 103                                                  | 131                                       |
| Agricultural labourers ...                                                     | 457                                                  | 1,037                                     | <b>Sheik</b>                                         |                                                      | <b>329</b>                                |
| Cultivators: owners and tenants ...                                            | 175                                                  | 239                                       | Cultivators: owners and tenants ...                  | 309                                                  | 452                                       |
| Herdsmen, shepherds and cattle breeders ...                                    | 58                                                   | 67                                        | Agricultural labourers ...                           | 201                                                  | 530                                       |
| Miscellaneous labourers ...                                                    | 44                                                   | 1,269                                     | Miscellaneous labourers ...                          | 45                                                   | 491                                       |
| Scavengers ...                                                                 | 23                                                   | 698                                       | Landowners and tenants ...                           | 77                                                   | 297                                       |
| Woodcutters and sellers of firewood, etc. ...                                  | 36                                                   | 596                                       | Sundry bazaar keepers ...                            | 37                                                   | 91                                        |
| Basket makers and other workers on woody materials ...                         | 22                                                   | 475                                       | Textile industries ...                               | 30                                                   | 581                                       |
| Rice pounders ...                                                              | 21                                                   | 830                                       | Cart-owners, drivers, etc. ...                       | 15                                                   | 21                                        |
| Fishing and selling fish ...                                                   | 31                                                   | 494                                       | Beggars ...                                          | 14                                                   | 564                                       |
| Domestic servants ...                                                          | 17                                                   | 1,627                                     | Tailors ...                                          | 10                                                   | 132                                       |
| Mining ...                                                                     | 12                                                   | 398                                       | Trade in piece-goods and ready-made clothing ...     | 19                                                   | 71                                        |
| Village watchmen ...                                                           | 11                                                   | ...                                       | Traders in food stuffs ...                           | 46                                                   | 176                                       |
| Others ...                                                                     | 93                                                   | 704                                       | Traders in skins, etc. ...                           | 9                                                    | 33                                        |
| <b>Yerukala</b>                                                                |                                                      | <b>687</b>                                | Goldsmiths and silver workers ...                    | 9                                                    | 17                                        |
| Basket makers and other workers and sellers of bark, leaves, etc. ...          | 298                                                  | 722                                       | Clerks, unspecified ...                              | 9                                                    | 29                                        |
| Cultivators: owners and tenants ...                                            | 233                                                  | 526                                       | Police ...                                           | 8                                                    | ...                                       |
| Agricultural labourers ...                                                     | 207                                                  | 935                                       | Government servants ...                              | 9                                                    | ...                                       |
| Miscellaneous labourers ...                                                    | 47                                                   | 781                                       | Carpenters and workers on woody materials ...        | 13                                                   | 482                                       |
| Beggars ...                                                                    | 39                                                   | 635                                       | Gardeners ...                                        | 7                                                    | 386                                       |
| Landowners and tenants ...                                                     | 54                                                   | 710                                       | Butchers ...                                         | 7                                                    | 58                                        |
| Firewood cutters and sellers ...                                               | 27                                                   | 338                                       | Others ...                                           | 126                                                  | 119                                       |
| Others ...                                                                     | 95                                                   | 638                                       | <b>Europeans</b>                                     |                                                      | <b>238</b>                                |
| <b>Labbai</b>                                                                  |                                                      | <b>372</b>                                | Army ...                                             | 187                                                  | ...                                       |
| Cultivators: owners and tenants ...                                            | 207                                                  | 438                                       | Religion ...                                         | 125                                                  | 619                                       |
| Landowners and tenants ...                                                     | 144                                                  | 166                                       | Professors and teachers, etc. ...                    | 67                                                   | 2,339                                     |
| Fishing and selling fish ...                                                   | 61                                                   | 2,631                                     | Income from investments ...                          | 61                                                   | 667                                       |
| Agricultural labourers ...                                                     | 64                                                   | 274                                       | Ship's officers, etc. ...                            | 53                                                   | ...                                       |
| Miscellaneous labourers ...                                                    | 46                                                   | 631                                       | Medical men ...                                      | 53                                                   | 2,247                                     |
| Betel vine growers and sellers of betel leaves ...                             | 71                                                   | 623                                       | Government officers ...                              | 43                                                   | 9                                         |
| Traders in skins, etc. ...                                                     | 38                                                   | 16                                        | Railway officers ...                                 | 41                                                   | 4                                         |
| Workers on woody materials ...                                                 | 34                                                   | 7,904                                     | Planters ...                                         | 34                                                   | 53                                        |
| Weavers and sellers of ready-made clothing ...                                 | 53                                                   | 378                                       | Police officers ...                                  | 34                                                   | ...                                       |
| Grocers and sellers of grains, tobacco and sundry shopkeepers ...              | 98                                                   | 168                                       | Architects and engineers ...                         | 32                                                   | ...                                       |
| Butchers and sellers of sheep, etc. ...                                        | 20                                                   | 16                                        | Cashiers and accountants ...                         | 30                                                   | 82                                        |
| Cart-owners, drivers, etc. ...                                                 | 14                                                   | ...                                       | Postal and Telegraph officers ...                    | 25                                                   | 32                                        |
| Others ...                                                                     | 150                                                  | 191                                       | Shopkeepers, unspecified ...                         | 21                                                   | 19                                        |
| <b>Mappilla</b>                                                                |                                                      | <b>328</b>                                | Others ...                                           | 194                                                  | 174                                       |
| Cultivators: owners and tenants ...                                            | 334                                                  | 214                                       | <b>Anglo-Indians</b>                                 |                                                      | <b>301</b>                                |
| Agricultural labourers ...                                                     | 239                                                  | 838                                       | Railway employees ...                                | 186                                                  | 73                                        |
| Fishing and selling fish ...                                                   | 60                                                   | 42                                        | Unspecified clerks and mechanics ...                 | 119                                                  | 171                                       |
| Other trade in food stuffs ...                                                 | 62                                                   | 144                                       | Income from investments ...                          | 112                                                  | 431                                       |
| Sundry bazaar keepers ...                                                      | 49                                                   | 81                                        | Teachers and professors ...                          | 55                                                   | 3,059                                     |
| Workers in coconut fibre and makers of rope, etc., and dealers in textiles ... | 36                                                   | 4,767                                     | Medical practitioners and midwives, nurses, etc. ... | 64                                                   | 2,404                                     |
| Porters and messengers and miscellaneous labourers ...                         | 34                                                   | 89                                        | Postal officials ...                                 | 41                                                   | ...                                       |
| Cart-owners, drivers, etc. ...                                                 | 18                                                   | 8                                         | Domestic servants and private motor drivers ...      | 33                                                   | 976                                       |
| Landowners and tenants ...                                                     | 18                                                   | 361                                       | Tailors, milliners ...                               | 24                                                   | 2,481                                     |
|                                                                                |                                                      |                                           | Government officials ...                             | 18                                                   | 91                                        |
|                                                                                |                                                      |                                           | Architects, engineers ...                            | 16                                                   | 17                                        |
|                                                                                |                                                      |                                           | Police officers ...                                  | 15                                                   | ...                                       |
|                                                                                |                                                      |                                           | Port and harbour employees and ship's employees ...  | 15                                                   | 39                                        |
|                                                                                |                                                      |                                           | Others ...                                           | 302                                                  | 173                                       |
|                                                                                |                                                      |                                           | <b>Indian Christians (Roman Catholics)</b>           |                                                      | <b>633</b>                                |
|                                                                                |                                                      |                                           | Cultivators: owners and tenants ...                  | 436                                                  | 597                                       |
|                                                                                |                                                      |                                           | Agricultural labourers ...                           | 253                                                  | 1,443                                     |

## 8.—Occupations by caste—concluded.

| Caste and occupation.                               | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. | Caste and occupation.                                   | Number per 1,000 workers engaged on each occupation. | Number of female workers per 1,000 males. |
|-----------------------------------------------------|------------------------------------------------------|-------------------------------------------|---------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
| 1                                                   | 2                                                    | 3                                         | 1                                                       | 2                                                    | 3                                         |
| Indian Christians (Roman Catholics)—concluded.      |                                                      |                                           | Indian Christians (Syrians)—concluded.                  |                                                      |                                           |
| Landowners and tenants ...                          | 48                                                   | 633                                       | Agricultural labourers ...                              | 47                                                   | 4,547                                     |
| Miscellaneous labourers ...                         | 39                                                   | 805                                       | Sundry bazaar-keepers and shop-keepers, unspecified ... | 28                                                   | 86                                        |
| Fishing ...                                         | 19                                                   | 63                                        | Teachers, etc. ...                                      | 22                                                   | 369                                       |
| Domestic servants ...                               | 14                                                   | 549                                       | Miscellaneous mechanics and labourers ...               | 45                                                   | 52                                        |
| Railway employees ...                               | 10                                                   | 31                                        | Others ...                                              | 334                                                  | 247                                       |
| Washermen ...                                       | 9                                                    | 538                                       |                                                         |                                                      |                                           |
| Teachers, professors, etc. ...                      | 8                                                    | 518                                       | Indian Christians (Others)...                           |                                                      | 566                                       |
| Toddy drawers ...                                   | 8                                                    | ...                                       | Agricultural labourers ...                              | 326                                                  | 1,071                                     |
| Carpenters ...                                      | 6                                                    | 10                                        | Cultivators: owners and tenants ...                     | 301                                                  | 335                                       |
| Shop-keepers, unspecified ...                       | 11                                                   | 665                                       | Porters and messengers and miscellaneous labourers ...  | 62                                                   | 894                                       |
| Tailors ...                                         | 5                                                    | 533                                       | Landowners and tenants ...                              | 36                                                   | 414                                       |
| Gardeners and sellers of vegetables ...             | 13                                                   | 896                                       | Fishing and selling fish ...                            | 12                                                   | 27                                        |
| Clerks, etc., unspecified ...                       | 4                                                    | 20                                        | Weavers ...                                             | 31                                                   | 265                                       |
| Leather workers ...                                 | 5                                                    | ...                                       | Shoe-makers ...                                         | 30                                                   | 68                                        |
| Others ...                                          | 112                                                  | 142                                       | Government servants ...                                 | 8                                                    | ...                                       |
| Indian Christians (Syrians)                         |                                                      | 328                                       | Teachers ...                                            | 21                                                   | 598                                       |
| Cultivators: owners and tenants ...                 | 316                                                  | 77                                        | Domestic servants ...                                   | 17                                                   | 527                                       |
| Bope, etc., makers and workers on coconut fibre ... | 91                                                   | 807                                       | Traders in skin, etc. ...                               | 8                                                    | 64                                        |
| Rice pounders ...                                   | 48                                                   | 42,571                                    | Railway employees ...                                   | 6                                                    | ...                                       |
| Grocers and sellers of vegetables ...               | 69                                                   | 455                                       | Workers on woody materials... Others ...                | 4                                                    | 1,282                                     |
|                                                     |                                                      |                                           |                                                         | 138                                                  | 500                                       |

## 9.—Number of persons employed in 1911 and 1921 on Railways and in the Irrigation, Post Office and Telegraph Departments.

| Class of persons employed.                           | Europeans and Anglo-Indians. |       | Indians. |        | Remarks.                                                                                                                    |
|------------------------------------------------------|------------------------------|-------|----------|--------|-----------------------------------------------------------------------------------------------------------------------------|
|                                                      | 1921.                        | 1911. | 1921.    | 1911.  |                                                                                                                             |
| 1                                                    | 2                            | 3     | 4        | 5      | 6                                                                                                                           |
| RAILWAYS.                                            |                              |       |          |        |                                                                                                                             |
| TOTAL PERSONS EMPLOYED ...                           | 2,974                        | 2,825 | 69,448   | 59,035 |                                                                                                                             |
| Persons directly employed ...                        | 2,970                        | 2,817 | 61,515   | 49,440 |                                                                                                                             |
| Officers ...                                         | 156                          | 142   | 23       | 6      | These figures exclude employees on the Railways in French territory and in the States of Travancore and Cochin.             |
| Subordinates drawing more than Rs. 75 per mensem ... | 1,618                        | 961   | 1,457    | 303    |                                                                                                                             |
| Subordinates drawing from Rs. 20 to Rs. 75. ...      | 1,067                        | 1,483 | 22,604   | 7,292  |                                                                                                                             |
| Subordinates drawing under Rs. 20... ..              | 129                          | 231   | 37,431   | 41,839 |                                                                                                                             |
| Persons indirectly employed ...                      | 4                            | 8     | 7,933    | 9,595  |                                                                                                                             |
| Contractors ...                                      | 1                            | 7     | 176      | 976    |                                                                                                                             |
| Contractor's regular employees ...                   | 3                            | 1     | 793      | 1,016  |                                                                                                                             |
| Coolies ...                                          | ...                          | ...   | 6,964    | 7,603  |                                                                                                                             |
| IRRIGATION DEPARTMENT.                               |                              |       |          |        |                                                                                                                             |
| TOTAL PERSONS EMPLOYED ...                           | 28                           | 66    | 28,090   | 45,857 | All figures are reported by the P.W.D. to be only approximate; they are for British territory only.                         |
| Persons directly employed ...                        | 28                           | 66    | 8,174    | 9,810  |                                                                                                                             |
| Officers ...                                         | 19                           | 33    | 82       | 22     |                                                                                                                             |
| Upper subordinates ...                               | 3                            | 18    | 229      | 249    |                                                                                                                             |
| Lower subordinates ...                               | 3                            | 3     | 332      | 261    |                                                                                                                             |
| Clerks ...                                           | ...                          | ...   | 681*     | 506    | * Includes tracers.                                                                                                         |
| Peons and other servants ...                         | 3†                           | 9     | 5,361    | 5,591  | † Dam superintendent, sluice superintendent, and launch driver.                                                             |
| Coolies ...                                          | ...                          | 3     | 1,489    | 3,181  |                                                                                                                             |
| Persons indirectly employed ...                      | ...                          | ...   | 19,916   | 36,047 |                                                                                                                             |
| Contractors ...                                      | ...                          | ...   | 1,097    | 1,494  |                                                                                                                             |
| Contractor's regular employees ...                   | ...                          | ...   | 2,635    | 1,260  |                                                                                                                             |
| Coolies ...                                          | ...                          | ...   | 16,184   | 33,293 |                                                                                                                             |
| POSTAL DEPARTMENT. †                                 |                              |       |          |        |                                                                                                                             |
| TOTAL PERSONS EMPLOYED ...                           | 69                           | 84    | 13,339   | 13,496 | † These figures exclude persons employed in the States of Hyderabad, Mysore, Travancore and Cochin and in French territory. |
| TOTAL ...                                            | 69                           | 78    | 12,014   | 12,310 |                                                                                                                             |
| Supervising officers ...                             | 6                            | 11    | 75       | 70     |                                                                                                                             |
| Postmasters ...                                      | 23                           | 22    | 1,034    | 711    |                                                                                                                             |
| Miscellaneous agents, e.g., schoolmasters, etc. ...  | ...                          | 1     | 1,979    | 2,259  |                                                                                                                             |
| Clerks ...                                           | 40                           | 42    | 1,645    | 1,406  |                                                                                                                             |
| Postmen... ..                                        | ...                          | 1     | 3,442    | 4,878  |                                                                                                                             |
| Skilled labour ...                                   | ...                          | ...   | 218      | ...    |                                                                                                                             |
| Unskilled labour ...                                 | ...                          | ...   | 377      | ...    |                                                                                                                             |
| Road establishment ...                               | ...                          | 1     | 3,249    | 2,986  |                                                                                                                             |
| Railway Mail Service ...                             | ...                          | 4     | 753      | 628    |                                                                                                                             |
| Supervising officers ...                             | ...                          | 4     | 14       | 10     |                                                                                                                             |
| Clerks ...                                           | ...                          | ...   | 26       | 423    |                                                                                                                             |
| Sorters ...                                          | ...                          | ...   | 449      | ...    |                                                                                                                             |
| Mail guards, etc. ...                                | ...                          | ...   | 264      | 195    |                                                                                                                             |
| Combined Offices ...                                 | ...                          | 2     | 572      | 558    |                                                                                                                             |
| Signallers ...                                       | ...                          | 2     | 112      | 142    |                                                                                                                             |
| Messengers, etc. ...                                 | ...                          | ...   | 460      | 416    |                                                                                                                             |
| TELEGRAPH DEPARTMENT. †                              |                              |       |          |        |                                                                                                                             |
| TOTAL PERSONS EMPLOYED ...                           | 262                          | 227   | 1,247    | 1,405  |                                                                                                                             |
| Supervising officers ...                             | 28                           | 11    | 38       | 2      |                                                                                                                             |
| Signalling establishment ...                         | 224                          | 203   | 250      | 238    |                                                                                                                             |
| Clerks ...                                           | 6                            | 5     | 146      | 103    |                                                                                                                             |
| Skilled labour ...                                   | 3                            | 1     | 411      | 266    |                                                                                                                             |
| Unskilled labour including messengers ...            | ...                          | 2     | 381      | 798    |                                                                                                                             |
| Road establishment ...                               | 1                            | ...   | 21       | ...    |                                                                                                                             |

## THE INDUSTRIAL SUBSIDIARY TABLES.

## 10.—Distribution of industries and persons employed.

## (a) Main heads only.

| Industrial establishment.                                             | Total number of establishments. | General distribution of industries and persons employed.        |                             |                                      |          |          |          |                  |                      |          |           |          |        |          |     | Number of adult females employed per 1,000 adult males. | Number of children of both sexes employed per 1,000 adults. |
|-----------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------|-----------------------------|--------------------------------------|----------|----------|----------|------------------|----------------------|----------|-----------|----------|--------|----------|-----|---------------------------------------------------------|-------------------------------------------------------------|
|                                                                       |                                 | Districts where chiefly located.                                | Number of persons employed. |                                      |          |          |          |                  |                      |          |           |          |        |          |     |                                                         |                                                             |
|                                                                       |                                 |                                                                 | Total.                      | Direction, supervision and clerical. |          |          |          | Skilled workmen. | Unskilled labourers. |          |           |          |        |          |     |                                                         |                                                             |
|                                                                       |                                 |                                                                 |                             | Europeans and Anglo-Indians.         |          | Indians. |          |                  | Adults.              |          | Children. |          |        |          |     |                                                         |                                                             |
|                                                                       |                                 |                                                                 |                             | Males.                               | Females. | Males.   | Females. |                  | Males.               | Females. | Males.    | Females. | Males. | Females. |     |                                                         |                                                             |
| 1                                                                     | 2                               | 3                                                               | 4                           | 5                                    | 6        | 7        | 8        | 9                | 10                   | 11       | 12        | 13       | 14     | 15       | 16  | 17                                                      |                                                             |
| Total Establishments ...                                              | 2,105                           | .....                                                           | 136,270                     | 41,269                               | 1,358    | 31       | 9,845    | 101              | 43,053               | 2,156    | 75,661    | 33,619   | 6,353  | 5,362    | 302 | 85                                                      |                                                             |
| I. Growing of special products ...                                    | 276                             | .....                                                           | 22,748                      | 12,826                               | 435      | 2        | 567      | 1                | 932                  | 107      | 19,059    | 11,119   | 1,755  | 1,597    | 562 | 107                                                     |                                                             |
| II. Mines ...                                                         | 91                              | .....                                                           | 4,132                       | 2,433                                | 36       | ...      | 174      | 2                | 190                  | ...      | 3,407     | 2,195    | 325    | 236      | 611 | 97                                                      |                                                             |
| III. Quarries of hard rocks...                                        | 23                              | { Godavari ...<br>Kistna ...<br>Nellore ...<br>Chingleput ... } | 964                         | 270                                  | 4        | ...      | 53       | 3                | 180                  | 1        | 639       | 247      | 88     | 19       | 307 | 101                                                     |                                                             |
| IV. Textile and connected industries ...                              | 441                             | .....                                                           | 33,871                      | 13,750                               | 243      | 10       | 2,112    | 50               | 13,512               | 1,788    | 15,889    | 10,008   | 2,115  | 1,894    | 408 | 125                                                     |                                                             |
| V. Leather, etc., industries.                                         | 84                              | .....                                                           | 4,411                       | 263                                  | 29       | ...      | 482      | 8                | 904                  | 5        | 2,703     | 206      | 293    | 44       | 61  | 89                                                      |                                                             |
| VI. Wood industries ...                                               | 47                              | { Godavari ...<br>Madras ...<br>Tinnevelly ...<br>Malabar ... } | 2,051                       | 33                                   | 42       | 1        | 210      | 2                | 700                  | 13       | 1,029     | 17       | 70     | ...      | 19  | 44                                                      |                                                             |
| VII. Metal industries...                                              | 100                             | Throughout the Presidency.                                      | 25,656                      | 124                                  | 195      | 3        | 1,227    | 3                | 12,941               | ...      | 11,089    | 81       | 204    | 37       | 4   | 10                                                      |                                                             |
| VIII. Glass and earthenware industries: brick, tile, etc., factories. | 75                              | { Malabar ...<br>South Kanara ... }                             | 6,148                       | 1,305                                | 20       | ...      | 256      | ...              | 689                  | 9        | 4,963     | 1,172    | 220    | 124      | 209 | 50                                                      |                                                             |
| IX. Industries connected with chemical products ...                   | 170                             | .....                                                           | 5,590                       | 710                                  | 55       | 1        | 672      | 4                | 1,032                | 24       | 3,681     | 666      | 150    | 15       | 148 | 31                                                      |                                                             |
| X. Food industries ...                                                | 566                             | .....                                                           | 16,885                      | 9,060                                | 114      | 2        | 2,605    | 24               | 4,307                | 166      | 9,212     | 7,496    | 647    | 1,372    | 571 | 99                                                      |                                                             |
| XI. Industries of dress ...                                           | 14                              | { Madras ...<br>Tinnevelly ...<br>Nilgiris ... }                | 330                         | 45                                   | 19       | 3        | 44       | 1                | 629                  | 37       | 217       | 4        | 21     | ...      | 56  | 166                                                     |                                                             |
| XII. Furniture industries ...                                         | 9                               | Madras ...                                                      | 336                         | 13                                   | 6        | 1        | 26       | 2                | 184                  | ...      | 65        | 10       | 55     | ...      | 53  | 224                                                     |                                                             |
| XIII. Industries connected with buildings ...                         | 4                               | Madras ...                                                      | 246                         | 81                                   | 4        | ...      | 24       | ...              | 33                   | ...      | 185       | 79       | ...    | 2        | 362 | 7                                                       |                                                             |
| XIV. Construction of means of transport and communication ...         | 27                              | Madras ...                                                      | 2,953                       | 245                                  | 45       | 2        | 240      | ...              | 1,677                | ...      | 938       | 224      | 53     | 19       | 87  | 30                                                      |                                                             |
| XV. Production, application and transmission of physical forces ...   | 9                               | Madras ...                                                      | 917                         | 80                                   | 43       | 1        | 143      | ...              | 234                  | ...      | 492       | 79       | 5      | ...      | 110 | 6                                                       |                                                             |
| XVI. Industries of luxury ...                                         | 169                             | .....                                                           | 8,432                       | 31                                   | 68       | 5        | 1,010    | 1                | 4,909                | 6        | 2,093     | 16       | 352    | 3        | 4   | 51                                                      |                                                             |

## 10.—Distribution of industries and persons employed—concluded.

## (b) Special industries.

|                                                                                                     |                                 | General distribution of industries and persons employed.                                        |                             |                                      |          |                  |                      |           |        |          |        |          |        |          |
|-----------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------|----------|------------------|----------------------|-----------|--------|----------|--------|----------|--------|----------|
| Industrial establishment.                                                                           | Total number of establishments. | Districts where chiefly located.                                                                | Number of persons employed. |                                      |          |                  |                      |           |        |          |        |          |        |          |
|                                                                                                     |                                 |                                                                                                 | Total.                      | Direction, supervision and clerical. |          | Skilled workmen. | Unskilled labourers. |           |        |          |        |          |        |          |
|                                                                                                     |                                 |                                                                                                 |                             | Euro. peans and Anglo-Indians.       | Indians. |                  | Adults.              | Children. |        |          |        |          |        |          |
|                                                                                                     |                                 |                                                                                                 |                             |                                      |          |                  |                      |           | Males. | Females. | Males. | Females. | Males. | Females. |
| 1                                                                                                   | 2                               | 3                                                                                               | 4                           | 5                                    | 6        | 7                | 8                    | 9         | 10     | 11       | 12     | 13       | 14     | 15       |
| I. Growing of special products—<br>Tea plantations and factories ...                                | 126                             | { Coimbatore ...<br>Nilgiris ...<br>Malabar ... }                                               | 15,460                      | 8,922                                | 264      | ...              | 32                   | 1         | 795    | 101      | 12,958 | 7,715    | 1,123  | 1,105    |
| Coffee plantations and factories.                                                                   | 104                             | { Salem ...<br>Nilgiris ...<br>Malabar ... }                                                    | 5,613                       | 3,565                                | ...      | ...              | ...                  | ...       | ...    | ...      | ...    | ...      | ...    | ...      |
| II. Mines—<br>Mica mines and mica splitting<br>works ... ..                                         | 80                              | Nellore ...                                                                                     | 2,428                       | 1,674                                | 21       | ...              | 130                  | 2         | 77     | ...      | 1,948  | 1,453    | 252    | 219      |
| Manganese mines ... ..                                                                              | 5                               | Vizagapatam.                                                                                    | 1,070                       | 654                                  | 6        | ...              | 23                   | ...       | 28     | ...      | 984    | 644      | 29     | 10       |
| IV. Textile and connected indus-<br>tries—<br>Cotton ginning, cleaning and<br>pressing mills ... .. | 228                             | { Deccan Divn.<br>Coimbatore ...<br>Raichūr ...<br>Tinnevely ... }                              | 6,787                       | 5,075                                | 68       | ...              | 940                  | 2         | 1,235  | 40       | 4,484  | 4,916    | 60     | 117      |
| Cotton spinning, weaving and<br>other mills .. ...                                                  | 115                             | { Madras ...<br>Coimbatore ...<br>Madura ...<br>Tinnevely ...<br>Malabar ...<br>South Kanara. } | 23,439                      | 6,167                                | 117      | 4                | 893                  | 42        | 11,320 | 1,319    | 9,271  | 3,263    | 1,834  | 1,543    |
| V. Leather industries—<br><br>Tanneries ... ..                                                      | 81                              | { Chingleput ...<br>North Arcot.<br>Coimbatore ...<br>Trichinopoly.<br>Madura ... }             | 4,307                       | 261                                  | 26       | ...              | 466                  | 8         | 893    | 5        | 2,629  | 204      | 293    | 44       |
| VII. Metal industries—<br>Machinery and engineering, in-<br>cluding railway, workshops.             | 53                              | Throughout the Presi-<br>dency.                                                                 | 21,507                      | 18                                   | 155      | 3                | 961                  | 3         | 10,960 | ...      | 9,386  | 12       | 45     | ...      |
| IX. Industries connected with chemi-<br>cal products—<br><br>Oil mills ... ..                       | 112                             | { Godāvari ...<br>Guntūr ...<br>Kistna ...<br>Cuddapah ...<br>Salem ... }                       | 2,114                       | 414                                  | 2        | ...              | 375                  | ...       | 175    | 17       | 1,458  | 394      | 104    | 3        |
| Manure and fish oil works ...                                                                       | 20                              | Malabar ...                                                                                     | 909                         | 95                                   | 10       | ...              | 63                   | ...       | 149    | 7        | 678    | 88       | 9      | ...      |
| X. Food industries—<br>Flour and rice mills ... ..                                                  | 354                             | Throughout the Presi-<br>dency.                                                                 | 7,369                       | 3,442                                | 8        | ...              | 1,686                | 3         | 1,169  | ...      | 4,347  | 3,248    | 177    | 173      |
| Coffee curing and powdering<br>works ... ..                                                         | 20                              | { Coimbatore ...<br>Malabar ...<br>South Kanara. }                                              | 1,101                       | 3,662                                | 26       | ...              | 117                  | ...       | 50     | ...      | 831    | 2,676    | 77     | 986      |
| Fishcuring works ... ..                                                                             | 32                              | Malabar ...                                                                                     | 1,025                       | 557                                  | 3        | ...              | 85                   | ...       | 112    | 167      | 782    | 408      | 43     | 12       |
| Sugar factories, breweries and<br>distilleries ... ..                                               | 24                              | In various distri-<br>cts.                                                                      | 3,862                       | 358                                  | 26       | ...              | 329                  | ...       | 950    | ...      | 2,528  | 342      | 2      | 16       |
| Tobacco, cigarette, snuff and<br>condiment factories ... ..                                         | 74                              | { Madras ...<br>North Arcot.<br>Trichinopoly.<br>Tinnevely ...<br>Malabar ... }                 | 2,643                       | 333                                  | 41       | 2                | 246                  | 3         | 1,753  | 26       | 288    | 198      | 315    | 104      |
| XVI. Industries of luxury—<br>Printing presses ... ..                                               | 140                             | Throughout the Presi-<br>dency.                                                                 | 7,295                       | 14                                   | 50       | 4                | 856                  | 1         | 4,261  | ...      | 1,867  | 7        | 261    | 2        |



## 11.—Particulars of establishments employing 20 or more persons in 1911 and 1921.

| Establishments<br>employing 20 or<br>more persons.         | Industries.     |                                       |               |                   |                                               |                           |                         |                           |                                                 |                                                               |                        |                             |                                    |                                                       |                                                                            |                                                                                  |                                  |  |
|------------------------------------------------------------|-----------------|---------------------------------------|---------------|-------------------|-----------------------------------------------|---------------------------|-------------------------|---------------------------|-------------------------------------------------|---------------------------------------------------------------|------------------------|-----------------------------|------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------|--|
|                                                            | All industries. | I.<br>Growing of Special<br>Products. | II.<br>Mines. | III.<br>Quarries. | IV.<br>Textile and con-<br>nected industries. | V.<br>Leather industries. | VI.<br>Wood industries. | VII.<br>Metal industries. | VIII.<br>Glass and earthen-<br>ware industries. | IX.<br>Industries con-<br>nected with che-<br>mical products. | X.<br>Food industries. | XI.<br>Industries of dress. | XII.<br>Furniture indus-<br>tries. | XIII.<br>Industries con-<br>nected with<br>buildings. | XIV.<br>Construction of<br>means of trans-<br>port and com-<br>munication. | XV.<br>Production, applica-<br>tion and transmis-<br>sion of physical<br>forces. | XVI.<br>Industries of<br>luxury. |  |
| A. Total Es-<br>tablish-<br>ments.                         | 1921 1,384      | 225                                   | 67            | 13                | 302                                           | 66                        | 30                      | 85                        | 68                                              | 73                                                            | 325                    | 5                           | 7                                  | 2                                                     | 21                                                                         | 5                                                                                | 90                               |  |
|                                                            | 1911 867        | 203                                   | 48            | ...               | 109                                           | 70                        | 21                      | 34                        | 50                                              | 56                                                            | 149                    | 19                          | 4                                  | 5                                                     | 40                                                                         | 4                                                                                | 55                               |  |
| 1. Directed by<br>Government or<br>local au-<br>thorities. | 1921 62         | 4                                     | ...           | 1                 | 1                                             | 2                         | 1                       | 7                         | 2                                               | 4                                                             | 30                     | 1                           | ...                                | 1                                                     | 4                                                                          | ...                                                                              | 4                                |  |
|                                                            | 1911 56         | 3                                     | ...           | ...               | 1                                             | ...                       | 2                       | 8                         | 1                                               | 4                                                             | 28                     | 2                           | ...                                | ...                                                   | 4                                                                          | ...                                                                              | 3                                |  |
| 2. Directed by<br>registered<br>companies.                 | 1921 353        | 103                                   | 30            | 1                 | 71                                            | 2                         | 5                       | 52                        | 7                                               | 9                                                             | 33                     | 1                           | 1                                  | 1                                                     | 14                                                                         | 5                                                                                | 18                               |  |
|                                                            | 1911 393        | 84                                    | 14            | ...               | 70                                            | 30                        | 9                       | 13                        | 20                                              | 21                                                            | 43                     | 13                          | 2                                  | 5                                                     | 35                                                                         | 4                                                                                | 30                               |  |
| 3. Owned by private<br>persons—                            |                 |                                       |               |                   |                                               |                           |                         |                           |                                                 |                                                               |                        |                             |                                    |                                                       |                                                                            |                                                                                  |                                  |  |
| (a) European<br>and Anglo-<br>Indian.                      | 1921 202        | 123                                   | ...           | 1                 | 25                                            | 3                         | 12                      | 4                         | 5                                               | ...                                                           | 8                      | 3                           | 2                                  | ...                                                   | ...                                                                        | 2                                                                                | 14                               |  |
|                                                            | 1911 120        | 96                                    | 4             | ...               | 8                                             | 1                         | 4                       | 2                         | 2                                               | 1                                                             | ...                    | ...                         | ...                                | ...                                                   | ...                                                                        | ...                                                                              | 2                                |  |
| (b) Indian...                                              | 1921 900        | 37                                    | 61            | 10                | 217                                           | 61                        | 12                      | 37                        | 56                                              | 62                                                            | 259                    | 8                           | 6                                  | 2                                                     | 3                                                                          | 2                                                                                | 67                               |  |
|                                                            | 1911 288        | 16                                    | 30            | ...               | 22                                            | 39                        | 6                       | 11                        | 28                                              | 30                                                            | 79                     | 4                           | 2                                  | ...                                                   | 1                                                                          | ...                                                                              | 20                               |  |
| B. Number of<br>persons<br>employed.                       | 1921 166,465    | 34,786                                | 6,202         | 1,093             | 45,578                                        | 4,439                     | 1,847                   | 25,566                    | 7,342                                           | 4,959                                                         | 22,457                 | 808                         | 320                                | 301                                                   | 2,437                                                                      | 976                                                                              | 7,354                            |  |
|                                                            | 1911 131,644    | 35,450                                | 8,332         | ...               | 27,936                                        | 4,575                     | 1,768                   | 4,690                     | 5,253                                           | 5,992                                                         | 11,691                 | 1,781                       | 319                                | 622                                                   | 15,596                                                                     | 383                                                                              | 7,256                            |  |
| (a) Direction,<br>supervi-<br>sion and<br>clerical.        | 1921 6,627      | 881                                   | 177           | 45                | 2,144                                         | 485                       | 218                     | 1,400                     | 268                                             | 544                                                           | 2,087                  | 44                          | 30                                 | 22                                                    | 226                                                                        | 183                                                                              | 873                              |  |
|                                                            | 1911 6,668      | 948                                   | 173           | ...               | 1,162                                         | 341                       | 177                     | 423                       | 163                                             | 489                                                           | 995                    | 128                         | 15                                 | 74                                                    | 930                                                                        | 20                                                                               | 630                              |  |
| (b) Skilled<br>workmen.                                    | 1921 43,412     | 1,985                                 | 184           | 138               | 14,684                                        | 830                       | 643                     | 12,871                    | 688                                             | 896                                                           | 3,854                  | 625                         | 183                                | 33                                                    | 1,114                                                                      | 227                                                                              | 4,477                            |  |
|                                                            | 1911 41,141     | 1,011                                 | 2,303         | ...               | 12,459                                        | 1,871                     | 675                     | 2,506                     | 455                                             | 1,008                                                         | 2,292                  | 1,322                       | 217                                | 132                                                   | 9,471                                                                      | 118                                                                              | 5,301                            |  |
| (c) Unskilled<br>labourers.                                | 1921 114,494    | 32,896                                | 5,841         | 910               | 28,750                                        | 3,124                     | 986                     | 11,295                    | 6,406                                           | 3,513                                                         | 16,516                 | 175                         | 107                                | 246                                                   | 1,097                                                                      | 566                                                                              | 2,006                            |  |
|                                                            | 1911 83,825     | 33,481                                | 5,856         | ...               | 14,315                                        | 2,363                     | 916                     | 1,761                     | 4,635                                           | 4,495                                                         | 8,404                  | 331                         | 87                                 | 416                                                   | 5,195                                                                      | 245                                                                              | 1,325                            |  |
| For Unskilled<br>labourers only—                           |                 |                                       |               |                   |                                               |                           |                         |                           |                                                 |                                                               |                        |                             |                                    |                                                       |                                                                            |                                                                                  |                                  |  |
| 1. Adult wo-<br>men per<br>1,000 adult<br>men.             | 1921 445        | 594                                   | 651           | 405               | 624                                           | 78                        | 4                       | 7                         | 235                                             | 123                                                           | 858                    | ...                         | 238                                | 419                                                   | 234                                                                        | 78                                                                               | 16                               |  |
|                                                            | 1911 456        | 781                                   | 628           | ...               | 379                                           | 159                       | 19                      | 15                        | 193                                             | 324                                                           | 544                    | 34                          | 29                                 | 249                                                   | 40                                                                         | 40                                                                               | 19                               |  |
| 2. Children of<br>both sexes<br>per 1,000<br>adults.       | 1921 114        | 115                                   | 99            | 103               | 154                                           | 119                       | 64                      | 18                        | 57                                              | 43                                                            | 120                    | 61                          | 1,058                              | 8                                                     | 56                                                                         | 7                                                                                | 131                              |  |
|                                                            | 1911 180        | 155                                   | 123           | ...               | 394                                           | 340                       | 223                     | 108                       | 98                                              | 96                                                            | 301                    | 302                         | 1,417                              | 64                                                    | 29                                                                         | 24                                                                               | 289                              |  |

## 15.—Distribution of certain races in certain industrial establishments.

| Race or caste.                                     | Number employed in each class of industrial establishment. |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |        |          |     |     |   |
|----------------------------------------------------|------------------------------------------------------------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|-----|-----|---|
|                                                    | Total.                                                     | I      |          | II     |          | III    |          | IV     |          | V      |          | VI     |          | VII    |          | VIII   |          | IX     |          | X      |          | XI     |          | XII    |          | XIII   |          | XIV    |          | XV     |          | XVI |     |   |
|                                                    |                                                            | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. |     |     |   |
| 1                                                  | 3                                                          | 4      | 5        | 6      | 7        | 8      | 9        | 10     | 11       | 12     | 13       | 14     | 15       | 16     | 17       | 18     | 19       | 20     | 21       | 22     | 23       | 24     | 25       | 26     | 27       | 28     | 29       | 30     | 31       | 32     | 33       | 34  | 35  |   |
| Total Europeans and Anglo-Indians—Number employed. | 2,597                                                      | 73     | 462      | 2      | 46       | ...    | 4        | ...    | 264      | 15     | 32       | ...    | 43       | 1      | 1,097    | 3      | 20       | ...    | 115      | 1      | 120      | 2      | 20       | 40     | 6        | 1      | 4        | 169    | 2        | 69     | 1        | 126 | 5   |   |
| (a) Managers.                                      | 488                                                        | 6      | 216      | 2      | 16       | ...    | 2        | ...    | 69       | 2      | 5        | ...    | 17       | ...    | 58       | ..     | 11       | ...    | 11       | ...    | 31       | ..     | 5        | 1      | 3        | ...    | 2        | ...    | 12       | ...    | 7        | ... | 25  | 1 |
| (b) Supervising and technical staff.               | 691                                                        | 12     | 184      | ..     | 10       | ..     | 2        | ...    | 137      | 7      | 14       | ...    | 23       | ...    | 118      | 1      | 7        | ...    | 38       | ...    | 40       | ...    | 12       | 2      | 2        | 1      | 1        | ...    | 30       | ...    | 34       | ... | 30  | 1 |
| (c) Clerical staff.                                | 175                                                        | 17     | 35       | ..     | 1        | ...    | ...      | ...    | 33       | 5      | 10       | ..     | 2        | 1      | 21       | 2      | 2        | ...    | 6        | 1      | 43       | 2      | 2        | ...    | 1        | ...    | 1        | ...    | 3        | 2      | 1        | 13  | 3   |   |
| (d) Skilled workmen.                               | 1,243                                                      | 38     | 27       | ...    | 10       | ...    | ...      | ...    | 25       | 1      | 3        | ...    | 1        | ...    | 902      | ...    | ...      | ...    | 60       | ...    | 6        | ...    | 1        | 37     | ...      | ...    | ...      | 124    | ...      | 26     | ...      | 58  | ... |   |

## 16.—Proportional distribution of adult women and of children of each sex in different industries.

| Number employed in each class of industry. |                                   |       |     |     |       |     |     |     |      |     |       |     |     |      |     |     |     |  |
|--------------------------------------------|-----------------------------------|-------|-----|-----|-------|-----|-----|-----|------|-----|-------|-----|-----|------|-----|-----|-----|--|
|                                            | Total<br>number<br>employ-<br>ed. | I     | II  | III | IV    | V   | VI  | VII | VIII | IX  | X     | XI  | XII | XIII | XIV | XV  | XVI |  |
| 1                                          | 2                                 | 3     | 4   | 5   | 6     | 7   | 8   | 9   | 10   | 11  | 12    | 13  | 14  | 15   | 16  | 17  | 18  |  |
| Adult women                                | 10,000                            | 3,145 | 615 | 70  | 3,265 | 61  | 9   | 24  | 332  | 195 | 2,152 | 13  | 4   | 22   | 63  | 22  | 8   |  |
| Children                                   | 10,000                            | 2,587 | 433 | 83  | 3,880 | 262 | 60  | 165 | 296  | 130 | 1,610 | 100 | 45  | 2    | 65  | 4   | 278 |  |
| Male                                       | 5,708                             | 1,355 | 251 | 68  | 2,267 | 228 | 60  | 166 | 170  | 118 | 550   | 100 | 45  | ...  | 50  | 4   | 276 |  |
| Female                                     | 4,392                             | 1,232 | 182 | 15  | 1,613 | 34  | ... | 29  | 96   | 12  | 1,060 | ... | ... | 2    | 15  | ... | 2   |  |

17-A.—Distribution of power by establishments.

| Type of power used.                   | Total establishments. | Number of industrial establishments in class |     |     |     |     |     |     |      |    |     |     |     |      |     |     |     |
|---------------------------------------|-----------------------|----------------------------------------------|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|------|-----|-----|-----|
|                                       |                       | I                                            | II  | III | IV  | V   | VI  | VII | VIII | IX | X   | XI  | XII | XIII | XIV | XV  | XVI |
| Total ...                             | 1,174                 | 95                                           | 30  | ... | 295 | 11  | 17  | 80  | 47   | 49 | 449 | 4   | 1   | 3    | 25  | 10  | 58  |
| Steam ...                             | 561                   | 8                                            | 22  | ... | 170 | 6   | 6   | 30  | 27   | 14 | 268 | 2   | ... | 2    | 2   | 4   | ... |
| Oil ...                               | 426                   | 32                                           | 8   | ... | 102 | 3   | 7   | 37  | 16   | 18 | 173 | ... | 1   | ...  | 11  | 2   | 13  |
| Water ...                             | 29                    | 22                                           | ... | ... | 1   | ... | ... | 1   | ...  | 2  | 1   | ... | ... | ...  | 2   | ... | ... |
| Gas ...                               | 72                    | 31                                           | ... | ... | 18  | 1   | 2   | 5   | ...  | 1  | 4   | ... | ... | ...  | ... | 1   | 9   |
| Electricity—                          |                       |                                              |     |     |     |     |     |     |      |    |     |     |     |      |     |     |     |
| (a) generated within the premises ... | 19                    | ...                                          | ... | ... | 2   | 1   | ... | 5   | 1    | 3  | 3   | ... | ... | ...  | 1   | 1   | 2   |
| (b) supplied from without ...         | 67                    | 2                                            | ... | ... | 2   | ... | 2   | 2   | ...  | 11 | ... | 2   | ... | 1    | 9   | 2   | 34  |

17-B.—Distribution of power by districts.

| Industries.      | Number of establishments. | Establishments using steam, oil, gas or water. |        |       |        |                    | Establishments using electric power. |                        |                    |
|------------------|---------------------------|------------------------------------------------|--------|-------|--------|--------------------|--------------------------------------|------------------------|--------------------|
|                  |                           | Details of horse-power.                        |        |       |        | Total horse-power. | Generated on the premises.           | Supplied from outside. |                    |
|                  |                           | Steam.                                         | Oil.   | Gas.  | Water. |                    |                                      | Power in Kilowatts.    | Total horse-power. |
| Total ...        | 1,174                     | 35,733                                         | 12,430 | 5,647 | 3,519  | 57,329             | 4,031                                | 222                    | 2,416              |
| Ganjām ...       | 10                        | 218                                            | 22     | ...   | ...    | 240                | ...                                  | ...                    | ...                |
| Vizagapatam ...  | 19                        | 924                                            | 43     | ...   | ...    | 967                | ...                                  | ...                    | ...                |
| Gōdāvari ...     | 42                        | 1,235                                          | 285    | 180   | ...    | 1,700              | 3                                    | ...                    | ...                |
| Kistna ...       | 118                       | 2,336                                          | 2,020  | ...   | ...    | 4,356              | 2                                    | ...                    | ...                |
| Guntūr ...       | 54                        | 686                                            | 552    | ...   | ...    | 1,238              | ...                                  | ...                    | ...                |
| Nellore ...      | 46                        | 478                                            | 188    | ...   | 15     | 681                | ...                                  | ...                    | ...                |
| Cuddapah ...     | 30                        | 323                                            | 59     | ...   | ...    | 382                | ...                                  | ...                    | ...                |
| Kurnool ...      | 32                        | 1,062                                          | 131    | ...   | ...    | 1,193              | ...                                  | ...                    | ...                |
| Bellary ...      | 58                        | 1,135                                          | 667    | 110   | ...    | 1,912              | ...                                  | ...                    | ...                |
| Anantapur ...    | 39                        | 876                                            | 321    | ...   | ...    | 1,197              | ...                                  | ...                    | ...                |
| Madras ...       | 147                       | 11,641                                         | 700    | 776   | ...    | 13,117             | 2,804                                | 182                    | 1,522              |
| Chingleput ...   | 20                        | 219                                            | 297    | 119   | ...    | 635                | 5                                    | ...                    | ...                |
| Chittoor ...     | 3                         | ...                                            | 49     | ...   | ...    | 49                 | ...                                  | ...                    | ...                |
| North Arcot ...  | 33                        | 194                                            | 589    | ...   | ...    | 783                | 18                                   | ...                    | ...                |
| Salem ...        | 10                        | 42                                             | 100    | ...   | ...    | 142                | ...                                  | ...                    | ...                |
| Coimbatore ...   | 91                        | 1,788                                          | 2,305  | 559   | 32     | 4,634              | 4                                    | 2                      | 100                |
| South Arcot ...  | 8                         | 641                                            | 103    | ...   | ...    | 744                | 126                                  | ...                    | ...                |
| Tanjore ...      | 118                       | 1,383                                          | 1,416  | 68    | ...    | 2,867              | 328                                  | ...                    | ...                |
| Trichinopoly ... | 33                        | 604                                            | 346    | 28    | ...    | 978                | ...                                  | 1                      | 6                  |
| Madura ...       | 22                        | 4,259                                          | 113    | 805   | 100    | 5,277              | 50                                   | ...                    | ...                |
| Rāmnād ...       | 18                        | 850                                            | 282    | 1,160 | ...    | 2,292              | ...                                  | ...                    | ...                |
| Tinnevely ...    | 42                        | 1,708                                          | 871    | 268   | 1,050  | 3,897              | ...                                  | ...                    | ...                |
| Nilgiris ...     | 61                        | 443                                            | 201    | 772   | 2,322  | 3,738              | 681                                  | 37                     | 788                |
| Malabar ...      | 78                        | 2,249                                          | 456    | 802   | ...    | 3,507              | 10                                   | ...                    | ...                |
| South Kanara ... | 42                        | 489                                            | 314    | ...   | ...    | 803                | ...                                  | ...                    | ...                |

## APPENDICES.

## APPENDIX I.

General summary of main statistics of natural divisions.

| Natural division.  | Districts included in the division.                                          | Population.                       | Percentage of total population.              | Mean density of population per square mile.     | Percentage of population living in towns.         | Percentage of rural population living in villages of less than 500 inhabitants. | Average number of houses per square mile. | Percentage variation in population. |            |        |         |                                                |             | Number in every 10,000 of the population who were born |            |                           |                         |                         |                           |                    |
|--------------------|------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------|-------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------|------------|--------|---------|------------------------------------------------|-------------|--------------------------------------------------------|------------|---------------------------|-------------------------|-------------------------|---------------------------|--------------------|
|                    |                                                                              |                                   |                                              |                                                 |                                                   |                                                                                 |                                           | 1881 to 1901                        |            |        |         | 1901 to 1911                                   |             | In the division.                                       | Elsewhere. |                           |                         |                         |                           |                    |
|                    |                                                                              |                                   |                                              |                                                 |                                                   |                                                                                 |                                           | 1881                                | 1891       | 1901   | 1911    | 1911                                           | 1921        |                                                        |            |                           |                         |                         |                           |                    |
| 1                  | Madras Presidency                                                            | 42,794,155                        | 100                                          | 297                                             | 12                                                | 13                                                                              | 59                                        | -13                                 | +153       | +72    | +83     | +22                                            | 9,950       | 50                                                     |            |                           |                         |                         |                           |                    |
|                    | Agency                                                                       | 1,490,358                         | 3.5                                          | 75                                              | 1                                                 | 81                                                                              | 17                                        | +57                                 | +199       | +24    | +105    | -41                                            | 9,964       | 3,036                                                  |            |                           |                         |                         |                           |                    |
|                    | East Coast North                                                             | 10,860,740                        | 25.4                                         | 345                                             | 11                                                | 13                                                                              | 70                                        |                                     | +136       | +88    | +89     | +32                                            | 9,869       | 101                                                    |            |                           |                         |                         |                           |                    |
|                    | Deccan                                                                       | 3,669,463                         | 8.6                                          | 139                                             | 11                                                | 10                                                                              | 29                                        | -20.1                               | +18.1      | +5.3   | +3.8    | -3.8                                           | 9,741       | 269                                                    |            |                           |                         |                         |                           |                    |
|                    | East Coast Central                                                           | 11,090,687                        | 28.0                                         | 375                                             | 14                                                | 13                                                                              | 69                                        | -7.1                                | +10.9      | +8.0   | +7.9    | +3.0                                           | 9,819       | 181                                                    |            |                           |                         |                         |                           |                    |
|                    | East Coast South                                                             | 10,288,231                        | 24.0                                         | 442                                             | 17                                                | 5                                                                               | 89                                        | +0.9                                | +13.6      | +5.4   | +8.4    | +3.0                                           | 9,886       | 114                                                    |            |                           |                         |                         |                           |                    |
|                    | West Coast                                                                   | 4,478,076                         | 10.5                                         | 415                                             | 8                                                 | 5                                                                               | 76                                        | +5.2                                | +11.5      | +6.3   | +7.1    | +3.3                                           | 9,868       | 132                                                    |            |                           |                         |                         |                           |                    |
| Natural division.  | Number in 10,000 of the population who belong to each of the main religions. | Number of females to 1,000 males. | Number of widows to 1,000 of the population. | Number of persons per 10,000 of the population. | Literate in English per 10,000 of the population. | Number in 10,000 of the population who speak each of the principal languages.   |                                           |                                     |            |        |         | Number in 100,000 persons who are supported by |             |                                                        |            |                           |                         |                         |                           |                    |
|                    |                                                                              |                                   |                                              |                                                 |                                                   | Tamil.                                                                          | Telugu.                                   | Malayalam.                          | Kannadese. | Oriya. | Hindus. | Insane.                                        | Deaf-mutes. | Blind.                                                 | Lepers.    | Agricultural occupations. | Industrial occupations. | Commercial occupations. | Professional occupations. | Other occupations. |
|                    |                                                                              |                                   |                                              |                                                 |                                                   |                                                                                 |                                           |                                     |            |        |         |                                                |             |                                                        |            |                           |                         |                         |                           |                    |
| Madras Presidency. | 8,866                                                                        | 670                               | 323                                          | 135                                             | 94                                                | 4,103                                                                           | 3,772                                     | 754                                 | 351        | 362    | 234     | 20                                             | 51          | 87                                                     | 37         | 71                        | 13                      | 6                       | 2                         | 8                  |
| Agency             | 6,862                                                                        | 30                                | 118                                          | 2,990                                           | 18                                                | 2                                                                               | 1,987                                     | ...                                 | ...        | 3,861  | 25      | 12                                             | 14          | 63                                                     | 41         | 80                        | 4                       | 3                       | 1                         | 12                 |
| East Coast North   | 9,279                                                                        | 315                               | 295                                          | 111                                             | 72                                                | 83                                                                              | 8,695                                     | ...                                 | 2          | 892    | 251     | 21                                             | 35          | 75                                                     | 43         | 73                        | 11                      | 6                       | 2                         | 8                  |
| Deccan             | 8,622                                                                        | 1,121                             | 241                                          | 13                                              | 51                                                | 38                                                                              | 7,255                                     | 2                                   | 1,009      | 3      | 916     | 19                                             | 19          | 87                                                     | 11         | 75                        | 12                      | 5                       | 2                         | 0                  |
| East Coast Central | 9,433                                                                        | 359                               | 190                                          | 5                                               | 122                                               | 7,027                                                                           | 2,259                                     | 11                                  | 382        | ...    | 251     | 20                                             | 69          | 88                                                     | 44         | 70                        | 12                      | 6                       | 3                         | 9                  |
| East Coast South   | 8,972                                                                        | 493                               | 528                                          | ...                                             | 101                                               | 8,077                                                                           | 975                                       | 6                                   | 198        | ...    | 58      | 17                                             | 65          | 92                                                     | 32         | 69                        | 14                      | 7                       | 3                         | 7                  |
| West Coast         | 6,969                                                                        | 2,597                             | 413                                          | 1                                               | 120                                               | 337                                                                             | 52                                        | 7,159                               | 558        | 1      | 63      | 33                                             | 47          | 103                                                    | 33         | 64                        | 17                      | 10                      | 4                         | 5                  |

## APPENDIX II.

Variation in population by natural divisions since 1871.

| DIVISION.            | PERSONS.   |            |            |            |            |            | MALES.     |            |            |            |            |            |
|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                      | 1921.      | 1911.      | 1901.      | 1891.      | 1881.      | 1871.      | 1921.      | 1911.      | 1901.      | 1891.      | 1881.      | 1871.      |
|                      | 1          | 2          | 3          | 4          | 5          | 6          | 7          | 8          | 9          | 10         | 11         | 12         |
| Madras Presidency    | 42,794,155 | 41,870,160 | 38,653,558 | 36,064,408 | 31,217,458 | 31,631,922 | 21,100,158 | 20,606,008 | 19,054,012 | 17,828,047 | 15,478,383 | 15,891,564 |
| Agency ... ..        | 1,490,358  | 1,559,692  | 1,338,590  | 1,307,767  | 1,090,603  | 8,135,461  | 748,893    | 782,701    | 680,214    | 670,808    | 564,041    | 4,154,965  |
| East Coast North ... | 10,868,740 | 10,527,518 | 9,581,090  | 8,805,921  | 7,751,107  | 5,239,868  | 5,152,969  | 4,717,042  | 4,363,208  | 4,363,208  | 3,869,779  | 1,900,714  |
| Deccan ... ..        | 3,669,463  | 3,814,726  | 3,676,585  | 3,491,047  | 2,956,362  | 3,697,781  | 1,871,846  | 1,987,049  | 1,874,404  | 1,776,028  | 1,501,776  | 4,485,268  |
| East Coast Central   | 11,090,687 | 11,647,082 | 10,794,961 | 9,909,417  | 8,310,588  | 8,942,500  | 6,006,871  | 5,800,628  | 5,366,877  | 4,926,661  | 4,112,820  | 3,729,812  |
| East Coast South ... | 10,286,231 | 9,986,626  | 9,214,173  | 8,740,532  | 7,693,125  | 7,627,067  | 4,983,227  | 4,805,766  | 4,428,094  | 4,269,356  | 3,869,751  | 1,621,810  |
| West Coast ... ..    | 4,478,076  | 4,334,516  | 4,048,150  | 3,809,784  | 3,415,583  | 3,220,113  | 2,186,853  | 2,120,895  | 1,993,781  | 1,882,188  | 1,637,486  |            |
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### APPENDIX III.

*General summary of statistics of cities.*

| Name of city.    | Number of persons per 100 houses. | Number per 1,000 persons of |            |             | Number per 1,000 males aged |        |              | Number of females to 1,000 males at age |        |              | Number per 1,000 male actual workers of those employed on |           |        |              |                    | Proportion of female actual workers to total actual workers. |
|------------------|-----------------------------------|-----------------------------|------------|-------------|-----------------------------|--------|--------------|-----------------------------------------|--------|--------------|-----------------------------------------------------------|-----------|--------|--------------|--------------------|--------------------------------------------------------------|
|                  |                                   | Hindus.                     | Musalmans. | Christians. | 0-15.                       | 15-45. | 45 and over. | 0-15.                                   | 15-45. | 45 and over. | Agriculture.                                              | Industry. | Trade. | Professions. | Other occupations. |                                                              |
| 1                | 2                                 | 3                           | 4          | 5           | 6                           | 7      | 8            | 9                                       | 10     | 11           | 12                                                        | 13        | 14     | 15           | 16                 | 17                                                           |
| Madras ...       | 815                               | 812                         | 101        | 84          | 298                         | 549    | 162          | 964                                     | 899    | 837          | 39                                                        | 392       | 188    | 109          | 272                | 146                                                          |
| Madura ...       | 685                               | 873                         | 74         | 53          | 327                         | 517    | 156          | 959                                     | 985    | 982          | 127                                                       | 506       | 138    | 94           | 135                | 268                                                          |
| Trichinopoly ... | 547                               | 734                         | 128        | 138         | 340                         | 497    | 163          | 987                                     | 968    | 1,050        | 120                                                       | 389       | 223    | 128          | 140                | 159                                                          |
| Calicut ...      | 641                               | 584                         | 354        | 61          | 352                         | 508    | 140          | 914                                     | 950    | 940          | 89                                                        | 386       | 207    | 115          | 203                | 178                                                          |
| Coimbatore ...   | 626                               | 854                         | 63         | 82          | 364                         | 489    | 147          | 959                                     | 963    | 1,011        | 347                                                       | 238       | 152    | 70           | 193                | 266                                                          |
| Conjeeveram ...  | 698                               | 958                         | 37         | 2           | 339                         | 475    | 186          | 952                                     | 1,033  | 993          | 148                                                       | 529       | 157    | 94           | 72                 | 212                                                          |
| Kumbakonam ...   | 626                               | 929                         | 44         | 25          | 315                         | 508    | 177          | 987                                     | 1,042  | 1,180        | 176                                                       | 326       | 237    | 143          | 118                | 265                                                          |
| Tanjore ...      | 551                               | 846                         | 62         | 90          | 336                         | 479    | 185          | 988                                     | 1,046  | 1,125        | 191                                                       | 305       | 156    | 162          | 186                | 223                                                          |
| Negapatam ...    | 553                               | 703                         | 199        | 98          | 312                         | 512    | 176          | 999                                     | 997    | 1,091        | 172                                                       | 406       | 155    | 76           | 188                | 123                                                          |
| Mangalore ...    | 639                               | 579                         | 111        | 308         | 358                         | 495    | 147          | 933                                     | 872    | 984          | 148                                                       | 381       | 197    | 115          | 159                | 320                                                          |
| Rajahmundry ...  | 553                               | 933                         | 41         | 21          | 340                         | 516    | 144          | 959                                     | 998    | 1,176        | 258                                                       | 228       | 182    | 100          | 232                | 365                                                          |
| Tinnevely ...    | 413                               | 868                         | 109        | 23          | 314                         | 513    | 173          | 971                                     | 989    | 1,229        | 250                                                       | 300       | 115    | 44           | 291                | 331                                                          |
| Cocanada ...     | 705                               | 921                         | 51         | 26          | 343                         | 507    | 150          | 999                                     | 1,028  | 1,075        | 574                                                       | 112       | 187    | 71           | 386                | 386                                                          |
| Salem ...        | 527                               | 903                         | 80         | 17          | 371                         | 467    | 162          | 835                                     | 1,050  | 1,096        | 632                                                       | 146       | 153    | 29           | 40                 | 322                                                          |
| Onndalore ...    | 539                               | 923                         | 43         | 31          | 366                         | 463    | 171          | 944                                     | 1,091  | 960          | 379                                                       | 165       | 176    | 81           | 159                | 405                                                          |
| Vellore ...      | 677                               | 732                         | 236        | 31          | 372                         | 443    | 185          | 1,003                                   | 1,052  | 958          | 251                                                       | 207       | 231    | 88           | 223                | 216                                                          |
| Bellary ...      | 500                               | 626                         | 315        | 52          | 301                         | 535    | 164          | 964                                     | 815    | 980          | 259                                                       | 262       | 153    | 154          | 172                | 314                                                          |

## APPENDIX IV.

(a) *Statistics of Madura City.*

| Ward number.    | Number of persons per 100 houses. | Number per 1,000 of the population of |            |             | Number per 1,000 males aged |        |              | Number of females to 1,000 males aged |        |              | Number per 1,000 male actual workers employed on |           |           |             |                    | Proportion of female actual workers to total actual workers. |
|-----------------|-----------------------------------|---------------------------------------|------------|-------------|-----------------------------|--------|--------------|---------------------------------------|--------|--------------|--------------------------------------------------|-----------|-----------|-------------|--------------------|--------------------------------------------------------------|
|                 |                                   | Hindus.                               | Musalmans. | Christians. | 0-15.                       | 15-45. | 45 and over. | 0-15.                                 | 15-45. | 45 and over. | Agriculture.                                     | Industry. | Commerce. | Profession. | Other occupations. |                                                              |
| 1               | 2                                 | 3                                     | 4          | 5           | 6                           | 7      | 8            | 9                                     | 10     | 11           | 12                                               | 13        | 14        | 15          | 16                 | 17                                                           |
| Madura City ... | 685                               | 873                                   | 74         | 53          | 328                         | 517    | 155          | 959                                   | 957    | 1,073        | 142                                              | 506       | 138       | 94          | 120                | 268                                                          |
| I ...           | 687                               | 909                                   | 55         | 36          | 344                         | 497    | 159          | 1,064                                 | 973    | 1,280        | 205                                              | 574       | 44        | 98          | 79                 | 408                                                          |
| II ...          | 821                               | 880                                   | 45         | 75          | 343                         | 481    | 176          | 991                                   | 1,097  | 944          | 50                                               | 742       | 124       | 41          | 43                 | 108                                                          |
| III ...         | 809                               | 837                                   | 7          | 156         | 363                         | 486    | 151          | 896                                   | 1,003  | 1,002        | 64                                               | 560       | 173       | 80          | 123                | 327                                                          |
| IV ...          | 768                               | 953                                   | 11         | 36          | 349                         | 492    | 159          | 1,021                                 | 967    | 922          | 94                                               | 425       | 206       | 195         | 80                 | 130                                                          |
| V ...           | 740                               | 839                                   | 148        | 13          | 346                         | 502    | 152          | 1,003                                 | 1,011  | 1,080        | 121                                              | 582       | 184       | 71          | 42                 | 104                                                          |
| VI ...          | 661                               | 966                                   | 23         | 11          | 340                         | 492    | 168          | 954                                   | 1,069  | 921          | 161                                              | 592       | 87        | 69          | 81                 | 241                                                          |
| VII ...         | 674                               | 986                                   | 12         | 2           | 350                         | 475    | 175          | 964                                   | 1,149  | 1,079        | 175                                              | 581       | 97        | 67          | 80                 | 320                                                          |
| VIII ...        | 631                               | 976                                   | 20         | 4           | 316                         | 512    | 172          | 966                                   | 1,070  | 1,172        | 122                                              | 297       | 327       | 123         | 131                | 352                                                          |
| IX ...          | 622                               | 620                                   | 313        | 67          | 320                         | 544    | 136          | 959                                   | 910    | 1,244        | 89                                               | 553       | 113       | 99          | 146                | 240                                                          |
| X ...           | 751                               | 737                                   | 36         | 227         | 305                         | 556    | 139          | 993                                   | 842    | 994          | 202                                              | 365       | 83        | 117         | 233                | 299                                                          |
| XI ...          | 741                               | 873                                   | 93         | 34          | 303                         | 550    | 147          | 923                                   | 812    | 1,073        | 115                                              | 492       | 152       | 115         | 126                | 378                                                          |
| XII ...         | 650                               | 970                                   | 28         | 2           | 318                         | 523    | 159          | 920                                   | 1,031  | 1,284        | 124                                              | 414       | 117       | 132         | 213                | 351                                                          |
| XIII ...        | 575                               | 945                                   | 50         | 5           | 319                         | 529    | 152          | 860                                   | 1,024  | 1,289        | 282                                              | 309       | 99        | 109         | 201                | 204                                                          |
| XIV ...         | 652                               | 875                                   | 23         | 2           | 294                         | 547    | 159          | 993                                   | 739    | 1,064        | 35                                               | 343       | 222       | 138         | 262                | 238                                                          |
| XV ...          | 744                               | 997                                   | 3          | ...         | 325                         | 523    | 152          | 682                                   | 943    | 1,278        | 160                                              | 449       | 95        | 112         | 184                | 325                                                          |
| XVI ...         | 666                               | 884                                   | 92         | 24          | 318                         | 526    | 156          | 977                                   | 929    | 993          | 213                                              | 199       | 242       | 95          | 251                | 282                                                          |
| XVII ...        | 686                               | 693                                   | 300        | 7           | 309                         | 567    | 124          | 1,042                                 | 724    | 946          | 266                                              | 337       | 199       | 82          | 116                | 152                                                          |
| XVIII ...       | 537                               | 824                                   | 122        | 54          | 325                         | 514    | 161          | 956                                   | 936    | 1,003        | 166                                              | 422       | 148       | 114         | 150                | 224                                                          |

(b) *Statistics of Trichinopoly City.*

| Number of ward.       | Number of persons per 100 houses. | Number per 1,000 persons of |            |             | Number per 1,000 males aged |        |              | Number of females to 1,000 males at age |        |              | Number per 1,000 male actual workers of those employed on |           |        |              |                    | Proportion of female to actual workers to total actual workers |
|-----------------------|-----------------------------------|-----------------------------|------------|-------------|-----------------------------|--------|--------------|-----------------------------------------|--------|--------------|-----------------------------------------------------------|-----------|--------|--------------|--------------------|----------------------------------------------------------------|
|                       |                                   | Hindus.                     | Musalmans. | Christians. | 0-15.                       | 15-45. | 45 and over. | 0-15.                                   | 15-45. | 45 and over. | Agriculture.                                              | Industry. | Trade. | Professions. | Other occupations. |                                                                |
| 1                     | 2                                 | 3                           | 4          | 5           | 6                           | 7      | 8            | 9                                       | 10     | 11           | 12                                                        | 13        | 14     | 15           | 16                 | 17                                                             |
| Trichinopoly City ... | 547                               | 734                         | 128        | 138         | 340                         | 497    | 163          | 987                                     | 968    | 1,050        | 138                                                       | 389       | 223    | 128          | 122                | 159                                                            |
| I ...                 | 800                               | 636                         | 61         | 303         | 281                         | 598    | 121          | 994                                     | 663    | 893          | 173                                                       | 373       | 50     | 270          | 134                | 160.                                                           |
| II ...                | 541                               | 576                         | 164        | 280         | 362                         | 470    | 168          | 1,086                                   | 1,156  | 997          | 152                                                       | 320       | 213    | 125          | 190                | 138                                                            |
| III ...               | 532                               | 687                         | 235        | 78          | 372                         | 457    | 171          | 955                                     | 1,034  | 1,013        | 30                                                        | 412       | 268    | 157          | 133                | 161                                                            |
| IV ...                | 582                               | 797                         | 28         | 175         | 373                         | 481    | 146          | 788                                     | 1,171  | 1,168        | 151                                                       | 301       | 190    | 280          | 78                 | 100                                                            |
| V ...                 | 528                               | 839                         | 90         | 71          | 345                         | 484    | 171          | 1,083                                   | 1,142  | 1,133        | 45                                                        | 501       | 300    | 88           | 66                 | 87                                                             |
| VI ...                | 516                               | 919                         | 66         | 15          | 361                         | 464    | 175          | 1,043                                   | 1,041  | 1,077        | 132                                                       | 659       | 89     | 76           | 44                 | 288                                                            |
| VII ...               | 561                               | 779                         | 43         | 178         | 283                         | 578    | 139          | 818                                     | 572    | 893          | 92                                                        | 374       | 207    | 164          | 163                | 226                                                            |
| VIII ...              | 367                               | 908                         | 12         | 78          | 317                         | 515    | 168          | 973                                     | 940    | 1,054        | 69                                                        | 415       | 202    | 160          | 154                | 288                                                            |
| IX ...                | 699                               | 994                         | 1          | 5           | 313                         | 542    | 145          | 850                                     | 792    | 1,334        | 23                                                        | 623       | 128    | 173          | 53                 | 82                                                             |
| X ...                 | 546                               | 749                         | 166        | 85          | 327                         | 511    | 162          | 814                                     | 895    | 1,197        | 131                                                       | 446       | 220    | 145          | 58                 | 133                                                            |
| XI ...                | 651                               | 456                         | 536        | 8           | 320                         | 519    | 161          | 953                                     | 896    | 932          | 83                                                        | 594       | 333    | 109          | 81                 | 109                                                            |
| XII ...               | 642                               | 838                         | 116        | 46          | 345                         | 490    | 165          | 1,047                                   | 981    | 1,025        | 187                                                       | 222       | 371    | 124          | 96                 | 57                                                             |
| XIII ...              | 592                               | 863                         | 132        | 5           | 343                         | 478    | 179          | 1,041                                   | 1,073  | 1,014        | 53                                                        | 489       | 345    | 65           | 48                 | 172                                                            |
| XIV ...               | 549                               | 801                         | 182        | 17          | 369                         | 462    | 169          | 874                                     | 1,149  | 1,005        | 199                                                       | 108       | 93     | 163          | 437                | 174                                                            |
| XV ...                | 472                               | 466                         | 384        | 150         | 336                         | 503    | 161          | 1,023                                   | 940    | 923          | 371                                                       | 167       | 242    | 64           | 156                | 191                                                            |
| XVI ...               | 574                               | 533                         | 46         | 421         | 360                         | 473    | 167          | 1,017                                   | 1,055  | 1,039        | 403                                                       | 228       | 156    | 78           | 135                | 125                                                            |
| XVII ...              | 493                               | 594                         | 62         | 344         | 355                         | 474    | 171          | 1,013                                   | 1,097  | 1,037        | 52                                                        | 423       | 357    | 73           | 95                 | 215                                                            |
| XVIII ...             | 488                               | 730                         | 33         | 234         | 346                         | 485    | 169          | 1,035                                   | 1,049  | 1,097        | 139                                                       | 420       | 298    | 39           | 104                | 206                                                            |

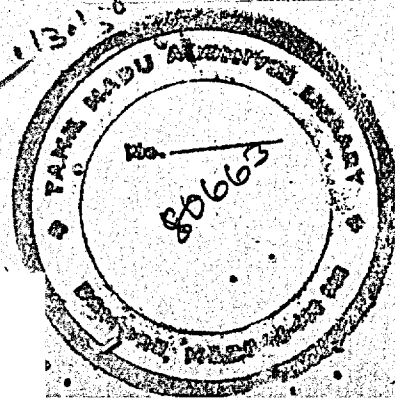


## APPENDIX V.

Statement showing the proportion of Animists in certain tribes.

| Name of tribe.       | 1921.           |                     |                                 | Percentage of Animists to total population in |       |
|----------------------|-----------------|---------------------|---------------------------------|-----------------------------------------------|-------|
|                      | Total strength. | Number of Animists. | Percentage to total population. | 1911.                                         | 1901. |
| Andi ... ..          | 70,270          | 36                  | 0.1                             | ...                                           | ...   |
| Badaga ... ..        | 40,329          | 10                  | ...                             | ...                                           | 0.2   |
| Bagata ... ..        | 34,291          | 5,976               | 17.4                            | 19.6                                          | 3.3   |
| Banda ... ..         | 2,502           | 34                  | 1.4                             | ...                                           | ...   |
| Bondili ... ..       | 11,064          | 5                   | ...                             | ...                                           | ...   |
| Bottada ... ..       | 65,688          | 369                 | 0.6                             | ...                                           | ...   |
| Budubadukala ... ..  | 2,045           | 172                 | 8.4                             | ...                                           | ...   |
| Chenchu ... ..       | 6,281           | 1,394               | 22.2                            | 20.2                                          | 32.4  |
| Dombó ... ..         | 70,316          | 155                 | 0.2                             | 3.7                                           | 3.2   |
| Domwara ... ..       | 19,957          | 238                 | 1.2                             | 0.7                                           | 0.7   |
| Gadabū ... ..        | 53,770          | 25,508              | 47.4                            | 6.0                                           | 47.6  |
| Gaudo ... ..         | 95,988          | 1,189               | 1.2                             | ...                                           | ...   |
| Indra ... ..         | 68,675          | 9                   | ...                             | ...                                           | ...   |
| Irula ... ..         | 99,874          | 855                 | 0.9                             | 5.3                                           | 0.3   |
| Jātāpu ... ..        | 81,844          | 900                 | 1.1                             | 32.3                                          | 50.3  |
| Jōgi ... ..          | 16,675          | 54                  | ...                             | 0.4                                           | ...   |
| Kāttu-Marūthi ... .. | 1,211           | 8                   | 0.7                             | ...                                           | ...   |
| Khond ... ..         | 329,569         | 272,676             | 82.7                            | 75.1                                          | 95.9  |
| Konda Dora ... ..    | 65,466          | 1,525               | 2.3                             | 15.7                                          | 33.4  |
| Kōyi ... ..          | 74,084          | 8,857               | 12.0                            | 33.6                                          | 16.8  |
| Kumbhipetiya ... ..  | 58              | 58                  | 100                             | ...                                           | ...   |
| Kuravan ... ..       | 132,365         | 46                  | ...                             | 0.2                                           | ...   |
| Kurumban ... ..      | 150,827         | 200                 | 0.1                             | 0.5                                           | 1.6   |
| Lambādi ... ..       | 53,980          | 3,494               | 6.5                             | 6.9                                           | 14.5  |
| Mādiga ... ..        | 737,427         | 5                   | ...                             | ...                                           | ...   |
| Mondi ... ..         | 2,152           | 83                  | 3.9                             | ...                                           | ...   |
| Muchchi ... ..       | 3,741           | 4                   | 0.1                             | 0.1                                           | 0.1   |
| Mūli ... ..          | 4,937           | 376                 | 7.6                             | 11.0                                          | ...   |
| Odde ... ..          | 537,322         | 10                  | ...                             | ...                                           | ...   |
| Pichobigunta ... ..  | 7,874           | 7                   | ...                             | 0.4                                           | 0.5   |
| Porojā ... ..        | 87,019          | 59,900              | 68.8                            | 24.1                                          | 28.8  |
| Relli ... ..         | 21,812          | 58                  | 0.3                             | 2.4                                           | 0.2   |
| Rōna ... ..          | 26,780          | 2                   | ...                             | 17.2                                          | ...   |
| Sāmantiya ... ..     | 17,277          | 62                  | 0.4                             | ...                                           | ...   |
| Savara ... ..        | 210,511         | 124,100             | 59.0                            | 70.0                                          | 88.7  |
| Toda ... ..          | 640             | 62                  | 10.0                            | 94.0                                          | 99.4  |
| Yānādi ... ..        | 138,426         | 64,769              | 46.8                            | 64.7                                          | 11.9  |
| Yerukala ... ..      | 88,631          | 5,158               | 5.8                             | 5.1                                           | 10.8  |
| Unspecified ... ..   | ...             | 4                   | ...                             | ...                                           | ...   |

Q8  
7.25.21  
22.13.18



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107-  
108+109-  
127 110-  
130- 111  
151  
167  
174  
174  
176- 178-  
178