

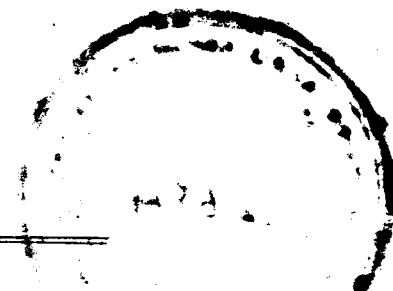
REPORT

ON

ACCINATION IN THE MADRAS
PRESIDENCY

FOR THE YEAR

1924-25



MADRAS

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ANNUAL REPORT ON VACCINATION IN THE MADRAS PRESIDENCY FOR THE YEAR 1924-25.

1. Except in the Nilgiris, where the District Board exercises control, the administration of vaccination in rural areas continues to be vested in Taluk Boards. District Health Officers are unanimously of opinion that, in the interests of efficiency and discipline, this branch of Public Health administration should be transferred to the District Boards. This subject has been before Government for a considerable time and it is hoped that favourable orders will be issued at an early date.

2. Glycerinated lymph was used throughout the Presidency during the year under report. Revised instructions in its use were embodied in G.O. No. 1125-P.H., dated 6th August 1924, which was issued to all officers of the department for guidance.

3. An important innovation during the year was the substitution of the old scarifying lancets by rotary lancets. Although these are comparatively expensive, both as regards their initial cost, and their maintenance, the higher percentage of success obtained and the greater uniformity in the results justify the increased expenditure.

4. During the 3—4 hottest months, routine vaccination was again suspended throughout the Presidency except in the Nilgiri district and in Kodaikānal municipality. This period of suspension was utilized for the detection of unregistered births and unprotected children. The necessity for intensive enquiries in this direction may be recognized from the fact that, in one district alone, viz., Tanjore, nearly 19,000 unprotected children were detected during the year, an achievement which is certainly creditable to the District Health staff, but which is at the same time an index of the extreme indifference of a large number of village headmen to registration work. Notwithstanding definite instructions in circulars issued regularly in anticipation of the off-season, many local bodies are still in the habit of granting leave to vaccinators during the period without employing substitutes. In other cases the services of the vaccination staff are either dispensed with altogether or are utilized for clerical and other non-vaccination purposes. It is obvious that in the absence of exhaustive lists of unprotected children, many will escape vaccination. The annual incidence of small-pox amongst unprotected children, and the large numbers of primary vaccination operations done on children above one year of age,—even in municipalities where vaccination is compulsory when the child attains the age of six months,—amply demonstrate the necessity for improvement in the preparation of unprotected registers. It is hardly necessary to point out that the off-season is the most opportune period for bringing these registers up-to-date, the vaccinators having no other work to perform, except when small-pox is prevalent. Local Bodies must realize the importance of this part of a vaccinator's duties if the population in their respective jurisdictions is to be properly protected.

5. Captain Ubhaya held the office of the Assistant Director of Public Health (Vaccination) until the 8th July 1924, when he proceeded on furlough and study leave. Dr. R. Adiseshan, who returned from Europe after taking the Diploma in Hygiene of Cambridge University, was in charge during the rest of the year.

The subjoined statement shows the inspections carried out during the year by these officers.

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I.—Captain N. R. Ubhaya.

Date.	Place.	Remarks.
18th to 20th Apr. 1924.	Anantapur	Attended Local and Municipal Conference and inspected vaccination and vital statistics.
22nd to 24th Apr.	Madakasira taluk	Inspection of famine relief camp at Sivaram and a few villages.
25th and 26th Apr.	Hindupur	Routine sanitary inspection.
28th Apr.	Abbedoddi	Inspection of famine relief camp.
29th and 30th Apr.	Tadpatri	Routine sanitary inspection.
5th May	Ponnēri	Selection of office accommodation for Health Inspector, Ponnēri Range.

II.—Dr. R. Adishesan.

9th Aug.	Anantapur	Attended Festivals Conference.
10th Aug.	Do.	Inspection of municipal water-works in connexion with cholera in the town.
11th Aug.	Bukkapatnam	Inspection of famine relief camp.
12th Aug.	Dharmavaram	Inspection of cholera preventive measures.
6th to 9th Sep.	Trichinopoly district	Inspection of breach spots.
10th to 14th Sep.	Tanjore district	Do. do.
15th Sep.	Cuddalore	Cholera investigation in the municipality.
16th and 17th Sep.	South Arcot district	Cholera investigation.
18th Sep.	Villupuram	Do.
19th to 22nd Oct.	Ongole	Small-pox investigation.
19th Oct.	Ongole taluk	Inspection of vaccination in rural areas.
20th to 22nd Oct.	Rajahmundry town and taluk.	Small-pox investigation, and inspection of vaccination in villages.
25th to 27th Nov.	Vāniyambādi	Routine sanitary inspection.
28th to 30th Nov.	Tirupati	Do.
1st and 2nd Dec.	Vellore	Do.
5th and 6th Dec.	Chidambaram	Do.

1925.

11th to 17th Feb.	Gōdāvari district	Inspection of small-pox infected areas.
18th and 19th Feb.	Ongole	Small-pox investigation.

Captain A. M. V. Hesterlow inspected vaccination in the Municipalities of Palghat, Pollāchi, Negapatam and Mannārgudi and Dr. B. Ethirajulu in the Municipalities of Ellore, Palakole and Ongole.

6. The following comparative statement shows the subordinate vaccination staffs employed in the Presidency during the year under report and the previous year :—

Year.	Health Inspectors (Provincial).	Vaccinators.			
		First class.	Second class.	Probationary.	Total.
1923-24	229	157	405	170	732
1924-25	229	155	423	152	730

In addition to the Health Inspectors, 12 Local Fund Sanitary Inspectors were in charge of ranges during 1924-25, as compared with 16 in 1923-24. The ranges held by these men had to be redistributed to Health Inspectors already in charge of full taluks. This additional jurisdiction was detrimental to the supervision of vaccination work in those areas.

Reference was made in last year's report to the inadequacy of the existing staff of Health Inspectors. During the present year cholera appeared in epidemic form, and as a result the inspection of vaccinated cases by Health Inspectors was greatly interfered with, whilst a large number of first-class vaccinators were also deputed to assist the Health Inspectors in their cholera work. Unfortunately,

the additional Health Inspectors asked for were not sanctioned by Government, and this increased the difficulties. In G.O. Mis. No. 1170-P.H., dated 9th June 1925, the proposal to create additional vaccination ranges in the Agency Tracts has been deferred until 1926-27. It is hoped that the Government in the budget for 1926-27 will make provision not only for the increased staff of Health Inspectors in the Agency, but also for all the twenty-eight additional men already asked for.

7. In spite of the criticisms made in these annual vaccination reports, many Local Boards and Municipalities either fail to maintain the full complement of vaccinators, or employ men who do not possess the qualifications prescribed in G.O. No. 963 L., dated 4th July 1917, as modified in G.O. No. 1167, L. and M., dated 4th April 1925. With few exceptions these unqualified men are incompetent, and are a serious handicap to the administration. A large number have not even an elementary knowledge of antiseptics, far less of the technique of vaccination. Their retention is to be entirely deprecated, especially as at the present time the Public Health Department has to counteract the insidious propaganda of the anti-vaccinationist, who is always prepared to publish exaggerated reports of any untoward incidents. Immediate steps should therefore be taken to replace all unqualified men with qualified vaccinators.

The continued employment of a large number of unqualified vaccinators, although men with qualifications are available, is mainly due to the reluctance of local bodies to offer adequate scales of pay. In G.O. No. 354-P.H., dated 1st March 1923, the Government expressed the opinion that a uniform scale of pay for vaccinators employed by local boards and Municipalities was neither necessary nor desirable, and they left the discretion of determining the scale of pay to the Local Bodies themselves. This has unfortunately led to a considerable degree of inconsistency. The pay offered by a number of local bodies is so small that it is impossible to expect any qualified vaccinator to accept the appointment. Unless a minimum scale of salary sufficiently high to attract qualified men is fixed by the Government, and local bodies are given the option of giving higher scales suitable to local exigencies, the improvement in the staff, which is so desirable, will be a matter of extreme difficulty. Proposals are being submitted separately to Government regarding the revision of the scales prescribed in G.O. No. 963 L., dated 4th July 1917.

8. The compartmental system of control of vaccination was in operation throughout the Presidency, excepting Gūdalūr taluk in the Nilgiris. The Collector, Nilgiri district, has been asked to include this taluk in the scheme. On the whole, the system worked satisfactorily.

In one or two instances, District Health Officers have suggested reversion to the system in vogue prior to 1913, owing to delays in inspection by the Health Inspectors caused by urgent epidemic duties. As the old system was condemned only after long trial, and the difficulties experienced will disappear, if as is hoped, the Government sanction an additional number of Health Inspectors, the suggestion cannot be accepted.

9. In previous reports various factors retarding progress in vaccination work have been frequently discussed, but it is to be noted with regret that practically nothing has been done to rectify these defects. In fact, there has been a change for the worse. It is therefore necessary to discuss even at the risk of repetition, a number of the factors which go to hamper the working of the vaccination department.

(a) Vaccination is compulsory only in certain districts, and in a few large rural towns and villages in other districts. In other areas, the only possible means of securing cases for vaccination is by persuasion of parents and guardians. The vaccination staff being limited, and their stay in each village necessarily being brief, it is obviously impossible for the vaccinator to explain to every individual parent the benefits of vaccination. Moreover, all parents are not amenable to persuasion, and the children in these cases ought to be protected against their parents' ignorance. Thirdly, it has been held in a court of law that a vaccinator on duty in non-compulsory areas does not come within the definition of a "public servant in the discharge of his duties." The result is that if the

vaccinator is interfered with in his work, he cannot expect any assistance from the Local Board. Instances have occurred where equipment has been damaged, and the vaccinator himself has been assaulted; whilst in one extreme case in Bellary district there was even an attempt at murder by an enraged parent. In view of these facts, it is very desirable that vaccination should be declared compulsory throughout the whole Presidency. Every District Health Officer, in whose district non-compulsory areas exist, has urged that the change is essential. In several districts, e.g., North Arcot, Tanjore, Madras and Trichinopoly, vaccination is already compulsory, and there is no reason why it should be otherwise in other parts of the Presidency.

(b) Declaration of compulsory vaccination is, however, not a sufficient remedy unless the law is enforced. Wholesale prosecution of defaulters is admittedly unwise; but cognizance of breach of the law is occasionally essential, if the law is to be obeyed. It is therefore to be regretted that Presidents of Local Boards and Chairmen of Municipal Councils, in whom the powers of prosecution are vested, are generally unwilling to exercise them. For instance, the President of a Taluk Board in Tanjore district refused to sanction prosecution even in a single case, although a large number of defaulters was reported to him; while it also appears that he attempted, happily without success, to induce the other Presidents to follow his example. Unless local bodies realize that no law is self-enforcing, and that a few selected prosecutions are necessary, the declaration of compulsory vaccination will be of little avail.

(i) Another regrettable feature is the attempt of some union boards to disown the statutory obligations imposed on them under the Local Boards Act and the rules framed thereunder. In other cases these obligations are carried out in a very unsatisfactory manner. The Muthupet Union Board in Tanjore district, for example, has passed a resolution refusing to take up the administration of vaccination.

(ii) Many union boards fail entirely to maintain unprotected lists. One indeed has passed a resolution to the effect that house-to-house vaccination should be done without fees, a procedure discountenanced in the rules issued under Sections 137 and 200 of the Madras Local Boards Act, 1920.

(iii) Several of the presidents of union boards in Nellore district have refused to have vaccination notices served.

The Government is requested to take due notice of such instances, and insist on the union boards and their presidents carrying out the obligations vested in them by statute.

(c) It has become a perennial complaint of the District Health staffs that many village headmen neglect the duties assigned to them in G.O. No. 832-P.H., dated 23rd May 1923, regarding the proper maintenance of unprotected lists, and the assembling of children in suitable centres at the time of the vaccinators' and the Health Inspectors' visits. As the co-operation of the village headmen is essential for the proper conduct of vaccination in rural areas, the attention of all Collectors may be once more drawn to the difficulties experienced by the subordinate vaccination staff.

(d) Another factor which retards vaccination work is the frequent failure of local officers to report outbreaks of small-pox, whilst more frequently reports are inordinately delayed. One or two of the worst examples may be quoted. In the Union of Melvisharam in North Arcot district, an outbreak of small-pox commenced in December 1924, causing over 150 attacks and 25 deaths, but not a single report was received from the revenue authorities up to the date of the submission of the District Health Officer's Annual Report on 25th May 1925. In the village of Karnatham in Vriddbachalam taluk, South Arcot district, the District Health Officer at his inspection found 87 attacks and 7 deaths due to small-pox during the previous two months, while none of the cases was reported by the village headman, though he had registered 3 small-pox deaths in the death register. These instances could be multiplied many times.

It has been constantly emphasized in the Annual Reports of the Public Health Department that prompt notification of infectious disease is of the greatest importance in its prevention and control. Failure to submit reports, or delayed

submission of reports, amounts almost to criminal neglect, as by the time information reaches the public health staff the disease has frequently assumed unmanageable proportions. This should be brought home to the minds of village headmen and the subordinates primarily responsible for notification.

(e) An obstacle to the progress of vaccination which is of recent origin, at any rate as far as this Presidency is concerned, but which neither the Public Health Department nor local bodies can afford to ignore, is the activity of anti-vaccinationists, although their presence has so far been felt only in one district. Whilst ignoring the history of smallpox in this country prior to and subsequent to the introduction of vaccination, they present sensational propaganda full of perverted statements and statistics, which cannot but have effect on the minds of the ordinary credulous villager unless an active counter-propaganda campaign is carried on. It has been represented by several Health Officers that their propaganda work is greatly handicapped for want of magic lanterns and slides. This equipment is not only necessary if the education of the people in health matters is to extend, but will be a very useful aid to district officers in their attempts to defeat anti-vaccinationists' activities.

10. Notwithstanding these disabilities, the number of vaccination operations performed during the year, namely, 2,033,997, is probably the highest figure recorded in the history of the Presidency. The sub-joined statement gives figures for the last three years:—

	1922-23.	1923-24.	1924-25.
Primary Vaccination (including secondary)...	1,436,041	1,665,706	1,573,032
Re-vaccinations ...	325,583	346,859	430,965
Total ...	1,761,624	1,912,565	2,033,997

The continuous increase is in no small measure due to the activities of the District Health Staffs, chiefly in the direction of closer supervision of vaccinators' work, detection of unprotected children during the off-season and extensive and persistent propaganda work.

11. *Vaccination in districts.*—Excluding Madras, increases were recorded in 17 districts and decreases in 8 districts, as compared with 1923-24. Of the former, the most prominent instances are Guntūr (+23,321), Gōdāvari (+17,636), Ganjām (+13,924), Salem (+12,904), Agency Tracts (+9,418), South Arcot (+8,508), Chingleput (+7,366), Madura (+5,270) and South Kanara (+5,026). The increases in Guntūr, Gōdāvari and Salem were largely due to intensive campaigns conducted during the epidemics of smallpox which prevailed. In the remaining districts, the increases were effected by raising the minima of vaccinators and by the employment of additional staff.

Districts which showed a decrease include Malabar (−25,782), Rāmṇād (−5,022), Tanjore (−4,691), Cuddapah (−3,969), Vizagapatam (−2,314), Trichinopoly (−1,778), Anantapur (−1,056), and Kurnool (−281). The fall in the number of operations in Malabar district is explained by the Health Officer as chiefly due to the absence of smallpox in epidemic form and because in 1923-24, during a severe epidemic, over 30,000 vaccinations were done in the off-season as compared with 3,170 vaccinations during the year under report when smallpox was sporadic. It is pointed out by him that if allowance is made for this, the outturn does not compare unfavourably with that of the previous year. The decreases in Rāmṇād and Anantapur are attributed to the extensive epidemics of cholera which diverted the attention of the subordinate staff. In Tanjore and Trichinopoly districts the work of the health staff was greatly dislocated as a consequence of the floods. The decrease in Cuddapah is due to the absence of one-third of the vaccination staff on leave, the reluctance and, in some instances, the refusal of the taluk boards to appoint substitutes, and lastly

to the inadequacy of the sanctioned scales of pay. The decrease in Kurnool, although it is small, is regrettable, as smallpox was prevalent. It is reported by the District Health Officer that in the taluk of Nandyal which has the largest population, only one vaccinator is employed in spite of his repeated representations. This Taluk Board has refused to declare vaccination compulsory or to increase its permanent staff, whilst it also declined to employ additional temporary vaccinators even although smallpox was prevalent. The special attention of Government is invited to the indifference displayed by this Local Board.

12. The results of primary and secondary vaccinations and re-vaccinations performed by the different agencies are set forth in the subjoined table along with the corresponding figures for 1923-24. It will be seen from this table that, compared with 1923-24, the percentage of success has increased by 4.6 in the case of primary and secondary vaccinations, 1.8 in the case of re-vaccinations, and by 2.0 when the total operations are taken into account. Since 1920-21, therefore, when the success-rate was only 59.6 per cent, continued improvement has been maintained.

Establishment.	Number of successful vaccinations.				Total number of successful vaccinations.		Ratio per cent of successful cases.				Ratio per cent of total successful cases.	
	1923-24.		1924-25.				1923-24.		1924-25.			
	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	1923-24.	1924-25.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	1923-24.	1924-25.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Local Fund vaccinators ..	1,149,187	83,627	1,220,452	112,150	1,232,814	1,338,642	89.7	89.7	94.8	40.8	82.6	85.0
Government vaccinators ..	16,852	561	19,623	1,615	17,413	21,274	83.7	22.2	9.8	50.3	76.8	80.4
Municipal vaccinators ...	109,620	33,283	115,688	53,760	142,903	169,418	94.4	55.1	97.5	52.9	80.9	76.9
Cantonment vaccinators ...	5,850	2,611	4,275	1,676	8,461	5,951	83.3	29.8	98.5	32.7	56.3	62.9
Dispensaries ..	143	47	2	28	190	80	94.6	98.0	100.0	75.7	96.4	77.0
Medical subordinates ...	8.2	7,256	1,267	5,817	8,098	7,074	73.0	43.3	83.0	58.6	45.2	62.3
Total ...	1,282,494	127,835	1,367,313	175,106	1,409,879	1,542,419	90.0	42.6	94.6	44.4	81.7	83.7

Details of the success rates for individual districts and municipalities are shown in Appendix A of the report.

13. The ratio of successful vaccinations per mille of population varied from 25.8 in South Arcot district to 71.5 in the Nilgiris. Compared with the previous year, marked increases were recorded in the districts of the Nilgiris (+19.5), Salem (+12.4), Guntūr (+7.9), Agency (+7.4), Ganjam and Gōdāvari (+7.3 each), and South Kanara (+6.5). Only four districts returned decreased rates, viz., Anantapur (-4.2), Malabar (-3.7), Cuddapah (-3.3) and Kurnool (-1.5). The causes of these variations have already been discussed in paragraph 12.

As regards municipalities, the maximum and minimum rates per mille of population were 153.0 in Ongole and 20.2 in Tiruvālūr. The severe epidemic of smallpox in Ongole, as a result of which an intensive campaign of vaccination and re-vaccination was instituted, explains the high rate in that municipality. The low rate in Tiruvālūr is not peculiar to the present year; and if the municipal council has any desire to avoid the disastrous experience of Ongole, it should carry out without further delay the recommendations already made by this department.

Compared with 1923-24, marked decreases occurred in Cannanore (-110.8), Chirala (-94.3), Bellary (-41.2), Mangalore (-32.9), Coonoor (-20.1), Masulipatam (-17.1) and Berhampur (-14.7). The towns which show large increases include Ongole (+128.1), Vizagapatam (+62.8), Rajahmundry (+50.2), Guntūr

(+36.5), Parlākimedi (+35.9), Madras (+27.7) and Vāniyambādi (+27.0). Smallpox scares explain the increases in most of these instances.

14. The expenditure incurred on the vaccination establishments employed by the different agencies and the average cost of each successful operation are shown below:—

Establishment.	Total expenditure.		Average cost of each successful case.	
	1923-24.	1924-25.	1923-24.	1924-25.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Government establishment ..	17,206 6 6	15,018 9 8	0 15 10	0 11 9
Local Fund do.	8,46,728 7 7	4,58,926 1 1	0 8 5	0 5 6
Municipal do.	83,956 13 10	70,882 5 9	0 10 6	0 6 8
Cantonment do.	6,091 10 4	4,827 4 11	0 11 6	0 13 0
Total ..	7,68,983 6 3	5,50,254 5 5	0 8 3	0 5 9

The decrease of Re. 0-3-0 in the cost of each successful case is due to the fact that only 33½ per cent of the total expenditure on Health Inspectors was debited to vaccination (vide G.O. No. Mis. 852-P.H., dated 22nd April 1925), as against the whole cost of this establishment in previous years. The higher percentage of success also contributed to some extent in the same direction.

In districts, the cost per successful case varied from Re. 0-4-3 in Vizagapatam to Re. 0-11-5 in the Gōdāvari Agency. In municipalities, the variation ranged from Re. 0-1-8 in Calicut to Re. 0-15-10 in Tadpatri, in the City of Madras the average cost per case being Re. 0-10-1. The causes of these wide variations require investigation.

15. *Infantile vaccination in districts.*—A marked increase of successful vaccinations, viz., 79,557, in the number of children under one year of age, is once more to be recorded. The figure for the year under report is 193,90 higher than that for 1922-23. This increase is mainly to be attributed to the work done by District Health staffs in connexion with improvement in the registration of births, detection of outbirths and unprotected children during the vaccination off-season and health propaganda. In certain districts, increase in the minima of vaccinators has also had some effect.

With the exception of Nellore and Rāmnād districts which returned decreases of (-6.5) and (-5.6), respectively, every district in the Presidency showed appreciable improvement.

Increases of over 5 per cent were recorded in Trichinopoly (+21.0), South Kanara (+16.2), Nilgiris (+14.0), Vizagapatam (+12.2), Coimbatore (+10.9), Chittoor (+10.2), Bellary (+9.5), Salem (+9.2), South Arcot (+7.2) and Malabar (+6.8).

16. *Vaccination in municipalities.*—The total number of vaccination operations performed in the 81 municipalities of the Presidency rose from 185,967 in 1923-24 to 239,430 in the year under report, an increase of 53,463. This figure is the highest on record, and is partly due to the fixing of higher minima in certain towns and partly to the stimulus given by numerous and severe epidemics of smallpox.

Large increases were recorded in Madras (+40,861), Vizagapatam (+6,679), Rajahmundry (+4,132), Ongole (+3,338), Guntūr (+3,160), Cocanada (+1,633), Madura (+1,183), and Nellore (+1,008).

Those towns returning decreases included Cannanore (-4,827), Mangalore (-3,257), Chirala (-2,773), Bellary (-2,533), Masulipatam (-991), Tuticorin (-862), Cochin (-557), Berhampur (-499), Tenali (-320), Tiruvannāmalai (-319), Coonoor (-263), and Adōni (-250).

The decrease in the first three towns in this list is attributed to the diminished prevalence of smallpox. In Bellary, Tuticorin and Berhampur, the decline was due to the prolonged absence of vaccinators on leave without substitutes. In

other cases, the decreases are explained either by the sporadic incidence of small-pox or by the smaller number of unprotected cases available for vaccination.

In many municipalities vaccination work is still very unsatisfactory, this being due not only to the want of effective supervision, such as can be exercised by a Health Officer, but also to the continued employment of unqualified men as vaccinators. The number of municipalities employing trained Health Officers is steadily increasing and improved supervision of vaccination may therefore be expected in these towns. Irrespective of the employment of a Health Officer, however, it is of the utmost importance that every vaccinator should possess the qualifications prescribed in G.O. No. 1167, L. & M., dated 4th April 1925. The suggestion is made to Government that Municipal Councils employing vaccinators not possessing these qualifications should be surcharged with the salaries of these subordinates. Until some such step is taken, it is doubtful if any improvement will be effected.

17. *Infantile vaccination in municipalities.*—The rates varied from a minimum of 40·2 in Karur to a maximum of 127·1 in Hospet. Wide divergences of this kind can only be attributed to laxity in the administration of vaccination or in the registration of vital statistics.

The greatest increases were recorded by Parlākimedi (+71·6), Vāniyambādi (+43·5), Nandyal (+39·9), Anantapur (+34·4), Hospet (+29·0), Tadpatri (+26·6), Cannanore (+24·8), and Srivilliputtūr (+24·2), whilst decreases were most marked in Coonoor (—53·3), Berhampur (—29·1), Peddāpuram (—24·6), Sivakāsi (—23·4), Coimbatore (—22·4), Vellore (—19·3), Virudhunagar (—17·9), Salem (—14·6), Gudiyāttam (—14·3), Tanjore (—13·7), Chicacole (—13·3) and Dharapuram (—10·3).

18. The percentages of success for the different administrative areas of the Presidency are given below :—

Number of cases, excluding unknown	Area.	Kind of lymph.	Whence obtained.	Percentage of success.
21,365	Government	Glycerine	King Institute, Guindy	91·8
1,800,102	Local Fund	Do.	Do.	94·3
118,591	Municipal	Do.	Do.	97·5

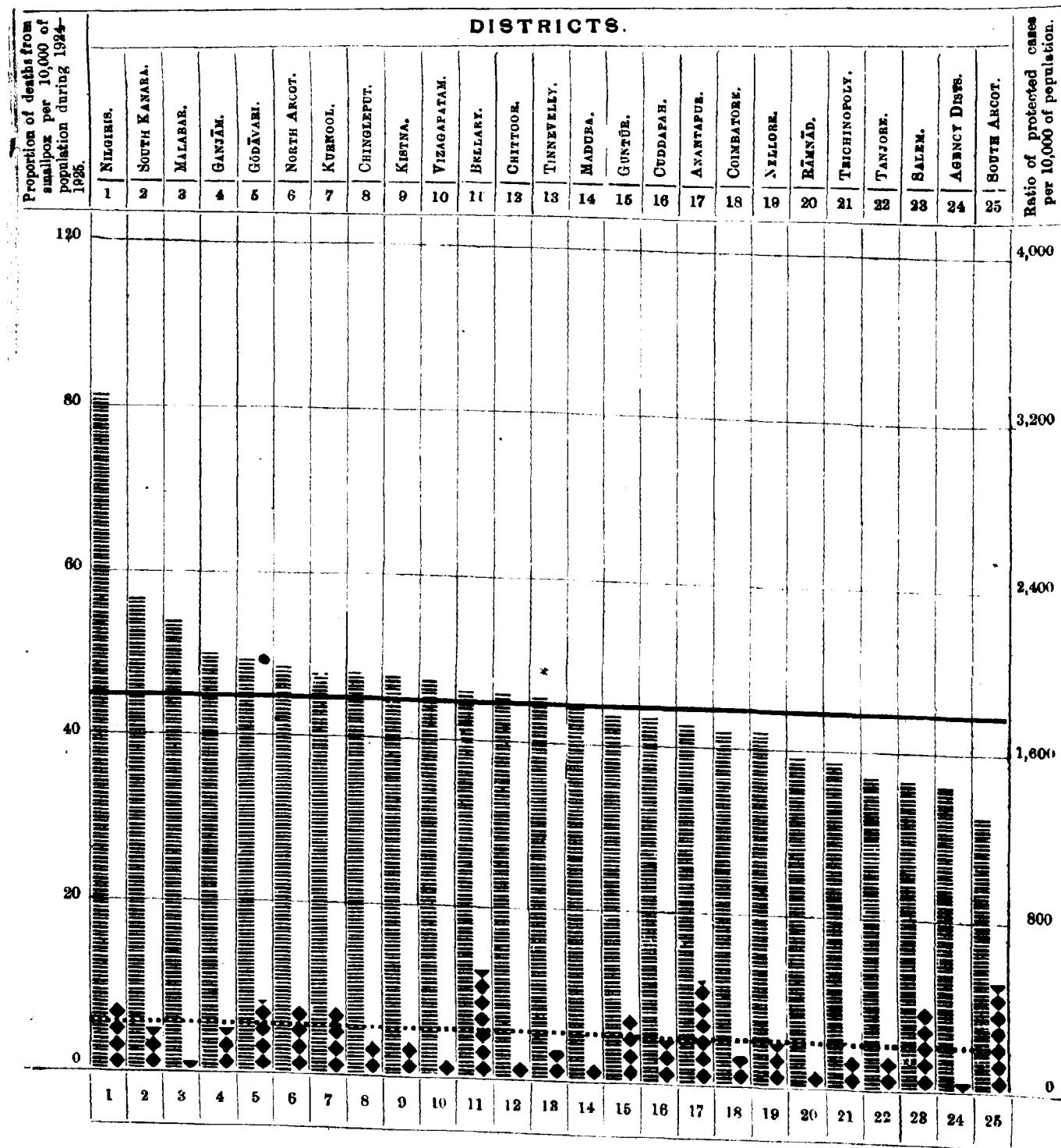
The first line in the table refers wholly to cases performed in the Agency Tracts. The lower success rate in this area is due partly to the deterioration of the lymph during transit and partly to delay in its use. This latter cause probably also explains the difference between the success rates of local fund and municipal areas.

19. 20,227 deaths were registered in the year under report as due to smallpox, a decrease of about 2,000 as compared with the previous year. More than half of the total mortality was recorded in the districts of South Arcot (2,506), Salem (1,726), Kistna (1,597), North Arcot (1,259), Guntūr (1,248), Anantapur (1,036) and Gōdāvari (1,012).

A high mortality was also recorded in the towns of Rajahmundry (579), Madras (543), Palakole (119), Vizagapatam (86), Ongole (79) and Ucanada (72).

20. The conduct and work of the Health Inspectors have been generally satisfactory. One hundred and fifty-three out of 229 Health Inspectors inspected more than the prescribed minimum of 85 per cent of the cases. In a number of taluks epidemic duties interfered with inspection work, and suitable notice has been taken of those cases where no satisfactory explanation of defective work was made.

21. In paragraph 35 of last year's report, the attention of Government was drawn to the progress made in vaccination work as a result of the introduction of an organized District Health Scheme. It is pleasing to be able to state that this progress has been fully maintained. During the year under report, the total number of vaccination operations for the first time on record exceeded the



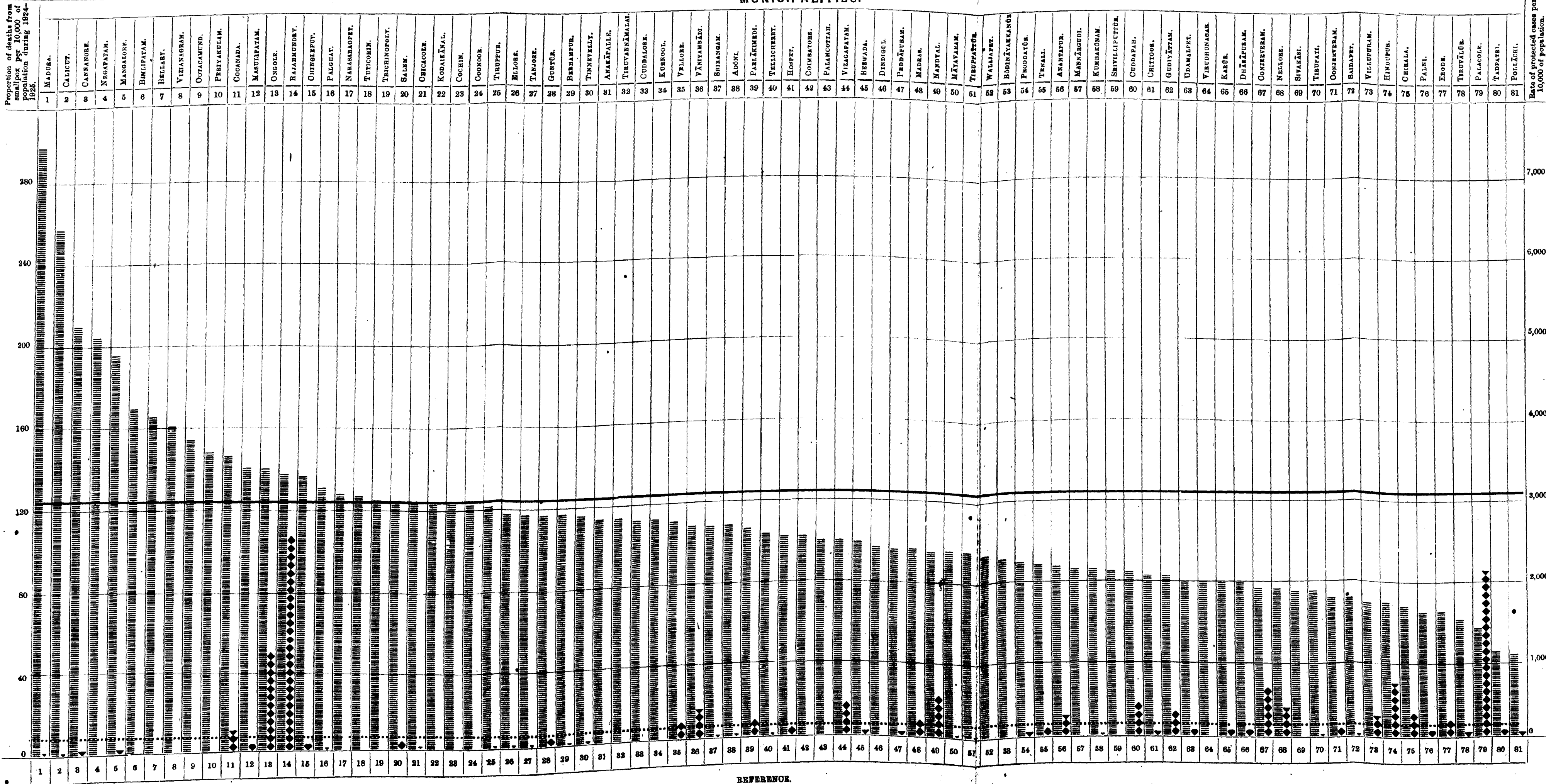
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||||| REPRESENTS THE PROPORTION PER 10,000 PROTECTED FROM SMALLPOX.

◆◆◆◆ REPRESENTS THE PROPORTION OF DEATHS FROM SMALLPOX PER 10,000 POPULATION.

Proportion of deaths from smallpox per 10,000 of population during 1924-1926.

MUNICIPALITIES.



REFERENCE.

Vertical bars represent the proportion of population per 10,000 protected from smallpox.
Dots represent the proportion of deaths from smallpox per 10,000 of population.

2,000,000 mark, whilst the success rate for primary vaccinations rose to the high figure of 94.6 per cent. Although smallpox continues to levy a considerable toll on human life, this is not surprising when one remembers the low success rates registered during the decade prior to 1922. The full benefit of the improved vaccination work of the last three years will only be felt in years to come, and only if the present degree of success can be maintained. Vaccination is still very backward in certain areas, and increase in both vaccination and health staffs is essential if the full benefits of protection are to be brought to these areas. Proposals for increases have been already submitted to Government and deserve favourable consideration.

22. Dr. R. Adishesan, DIP. HYG. (Cantab), the Assistant Director in charge of Vaccination, has worked with enthusiasm and energy, and has made many useful suggestions for improving the administrative control of this branch of the Public Health Department's activities. To him and to the District and Municipal Health Officers, my best thanks are due.

OOTACAMUND,
25th June 1925.

A. J. H. RUSSELL, M.A., M.D., D.P.H., Major, I.M.S.,
Director of Public Health, Madras.

VACCINATION A.—VACCINE

Statement No. 1 showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
1	Godavari.	Bhadrachalam ...	...	...	6	1,696	1,674	3,370	562	4,801	1,767
2		Polarvaram ...	...	...	3	3,603	3,276	6,882	2,294	5,677	1,929
3		Total ...	...	...	9	5,302	4,950	10,252	1,139	9,978	3,696
4	Ganjām.	Ganjām Hill Tracts, North ...	...	...	9	4,379	4,123	8,502	945	7,790	3,102
5		Ganjām Hill Tracts, South ...	...	...	5	3,639	3,198	6,837	1,367	5,099	2,911
6		Total ...	...	...	14	8,018	7,321	15,339	1,096	12,889	6,013
7	Visakhapatnam.	Gunupur ...	...	...	6	5,787	5,297	11,084	1,847	7,236	1,462
8		Hill Madugole ...	...	...	5	3,822	3,885	7,707	1,241	5,528	436
9		Jeyapore ...	...	...	5	4,139	4,400	8,539	1,708	6,548	2,059
10		Koraput ...	...	...	5	5,703	5,897	11,600	2,320	10,249	3,515
11	Anantapur.	Nowrangpur ...	...	...	4	4,384	4,503	8,887	2,222	8,037	2,896
12		Total ...	...	...	25	28,385	22,982	46,317	1,853	37,558	10,888
13		Total of Agency districts ...	1,490,358	...	48	36,655	35,253	71,908	1,498	60,465	20,077
14	Arconot (North).	Anantapur ...	...	...	2	2,231	1,528	3,759	1,880	2,875	1,442
15		Dharmavaram ...	...	...	2	2,590	1,810	4,400	2,200	3,632	1,739
16		Gooty ...	...	...	2	3,004	2,086	5,090	2,520	4,247	2,098
17		Hindupur ...	...	...	2	2,814	1,719	4,533	2,267	1,993	900
18		Kadiri ...	920,716	137	2	3,454	1,973	5,427	2,714	3,612	1,923
19		Kalyandrug ...	...	...	1	1,688	1,192	2,880	2,880	2,198	1,094
20		Madakasira ...	...	...	1	1,530	880	2,410	2,410	1,877	752
21		Pennkonda ...	...	...	1	2,334	1,723	4,057	4,057	2,646	1,237
22		Tadpatri ...	...	...	2	1,962	1,490	3,452	1,736	3,886	795
23		Total of district ...	920,716	137	15 + 2†	21,927	14,851	36,778	2,134	26,266	11,960
24	Arconot (South).	Arkonam ...	...	...	2	5,142	3,007	8,149	4,075	5,939	3,026
25		Arni ...	...	...	2	3,184	2,788	5,972	2,986	5,604	2,488
26		Cheyyar ...	...	...	2	2,986	2,914	5,850	2,925	6,900	3,583
27		Gudiyattam ...	...	...	2	4,252	3,574	7,826	3,913	6,847	2,592
28		Polur ...	1,914,291	389	2	3,534	3,192	6,716	3,358	6,155	3,151
29		Ranipet ...	...	...	2	4,973	4,177	9,150	4,575	8,541	4,362
30		Tirupattur ...	...	...	3	5,145	4,571	9,716	3,239	9,314	3,969
31		Tiruvannamalai ...	...	...	3	6,810	5,944	12,754	4,251	12,542	5,921
32		Vellore ...	...	...	2	8,605	3,558	12,163	6,082	8,210	3,381
33		Wandiwash ...	...	...	2	3,771	3,214	6,985	3,493	6,810	2,871
34	Bellary.	Total of district ...	1,914,291	389	22 + 1†	42,852	36,729	79,581	3,480	73,522	33,244
35		Chidambaram ...	...	...	2	2,723	2,551	5,279	2,639	4,653	1,965
36		Cuddalore ...	...	...	2	4,318	4,126	8,444	4,222	7,974	4,314
37		Gingee ...	...	...	2	4,190	3,647	7,837	3,919	6,955	3,466
38		Kallakurichi ...	...	...	2	4,082	3,457	7,539	3,784	8,112	2,876
39		Tindivanam ...	2,229,634	530	2	3,596	3,089	6,685	3,318	6,582	3,049
40		Tirukkoyilar ...	...	...	2	4,148	3,527	7,675	3,837	7,128	1,546
41		Tittagudi ...	...	...	1	2,093	1,804	3,897	3,897	3,804	1,804
42		Villupuram ...	...	...	2	5,186	4,802	9,988	4,994	8,605	3,589
43		Vridhachalam ...	...	...	1	2,375	2,270	4,645	4,645	4,542	2,193
44	Bellary.	Ulundurpet ...	...	...	2	3,555	3,035	6,590	3,295	6,250	2,008
45		Total of district ...	2,229,634	530	18	30,271	32,288	62,559	3,809	64,635	25,899
46		Adoni ...	...	...	2	2,957	2,610	5,567	2,784	5,578	3,143
47		Alur ...	...	...	2	1,910	1,662	3,572	1,786	3,413	1,658
48		Bellary ...	...	...	2	1,811	1,492	3,303	1,652	3,455	1,698
49	Bellary.	Hadagalli ...	...	...	2	2,006	1,574	3,580	1,795	3,867	1,944
50		Harpanahalli ...	785,624	138	2	2,056	1,541	3,597	1,798	3,747	2,048
51		Hospet ...	...	...	1	1,516	1,384	2,900	2,900	3,375	1,800
52		Kudligi ...	...	...	2	2,168	1,403	3,571	1,785	3,239	1,678
53		Rayadurg ...	...	...	2	1,987	1,501	3,488	1,744	3,827	2,056
54	Bellary.	Siruguppa ...	...	...	1	1,703	1,483	3,186	3,186	3,178	1,133
55		Total of district ...	*785,624	138	15	18,114	14,610	32,724	2,182	32,975	16,653

* Excludes Sandur (11,665)

† Reserve Vaccinators.

‡ Reserve Second-class Vaccinator.

STATEMENTS. DEPARTMENT.

Madras Presidency for the official year 1924-25.

vaccination.			Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
Successful.			Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.		Primary vacci- nation.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
1 and under 6 years.	Total of all ages.	Unknown.												
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1,614	3,825	204	249	29	4	88.5	11.8	...	4.7	1.6	...	...	...	...
2,388	5,069	359	1,915	941	265	95.3	57.0	...	6.3	13.8	...	...	...	...
4,002	8,694	563	2,164	970	269	92.3	51.2	...	5.6	12.4	...	...	...	...
3,314	6,706	627	712	271	92	98.6	43.7	...	8.0	12.9	...	...	...	...
1,669	4,801	206	1,741	1,050	149	98.1	65.9	...	4.0	8.6	...	...	...	...
4,988	11,507	833	2,453	1,321	241	95.4	59.7	...	6.5	9.8	...	...	...	...
2,932	5,567	429	4,592	2,110	343	81.3	49.7	...	5.9	7.5	...	...	...	...
2,712	4,467	316	980	295	125	86.8	36.3	...	5.7	13.3	...	...	...	...
2,697	5,540	609	2,025	869	324	93.3	51.1	...	9.3	16.0	...	...	...	...
5,452	6,679	391	1,851	543	287	98.2	48.7	...	8.8	17.5	...	...	...	...
2,877	6,838	354	1,700	721	253	88.9	50.0	...	4.4	14.8	...	...	...	...
16,670	32,116	2,099	10,607	4,541	1,282	90.4	48.7	...	5.3	12.1	...	...	...	...
26,655	52,817	3,495	15,224	6,832	1,792	91.8	50.9	39.5	5.8	11.8	35,694	23.8	113	0.1
941	2,499	217	1,895	284	115	94.0	20.6	}	7.5	8.2	}	}	}	}
1,537	3,226	255	1,738	264	147	95.5	16.6		7.0	8.4				
1,320	3,470	470	1,418	129	20	91.9	9.0		11.1	1.4				
867	1,846	107	2,667	970	278	97.9	40.6		5.4	10.4				
1,100	3,171	333	2,110	278	503	99.7	17.0		9.2	28.8				
742	1,900	157	894	186	66	93.1	16.4		7.1	7.4				
687	1,463	184	897	254	113	94.8	32.4		7.9	12.6				
1,044	2,333	202	1,899	689	195	95.4	40.6		7.6	10.3				
1,328	2,340	369	450	41	48	77.5	10.2	10.9	10.7	10.7				
9,366	22,248	2,244	13,489	8,020	1,485	92.6	25.1	27.4	8.5	11.0	22,051	28.9	629	0.7
1,098	4,215	664	2,991	627	607	86.4	26.8	}	11.9	20.2	}	}	}	}
2,061	4,932	543	1,014	257	188	95.7	31.1		10.0	18.5				
1,442	5,284	590	267	101	61	97.5	49.0		9.9	22.8				
3,592	6,300	360	690	282	392	96.9	87.1		5.1	39.6				
2,311	5,776	312	722	164	121	88.9	27.3		5.1	16.8				
2,966	7,512	849	1,256	275	269	97.7	27.9		9.9	21.4				
4,272	8,349	696	790	349	142	96.8	53.7		7.4	17.9				
6,057	10,758	1,242	1,071	188	291	95.2	23.8		9.9	28.2				
1,808	5,237	734	1,117	196	219	95.6	21.8	11.8	19.6	19.6				
2,521	5,799	782	820	351	249	96.3	60.5	11.6	30.0	30.0				
28,113	64,002	6,772	11,047	2,729	2,529	95.9	32.0	34.9	9.2	22.0	50,244	26.3	1,114	0.6
2,045	4,025	518	766	312	105	97.2	47.2	}	11.0	13.7	}	}	}	}
2,233	7,126	769	645	273	158	93.9	56.0		9.6	24.5				
3,268	5,634	788	1,154	458	322	95.7	55.0		11.3	27.9				
2,924	6,051	1,280	950	207	278	98.6	30.8		15.8	29.3				
2,181	5,523	881	662	128	161	99.9	25.5		13.4	24.3				
4,545	6,417	617	1,160	397	199	98.6	41.3		8.7	17.2				
1,684	3,134	379	292	62	16	91.5	22.4		10.0	5.5				
1,684	3,134	379	292	62	16	91.5	22.4		10.4	25.0				
8,809	7,542	898	1,584	521	384	97.8	45.3	7.8	14.9	14.9				
1,784	4,080	858	309	95	46	96.2	86.1	18.6	21.8	21.8				
2,668	5,118	852	600	111	131	94.8	23.7	23.7						
27,338	54,900	7,323	8,072	2,564	1,800	95.8	40.6	25.8	11.3	22.3	38,314	17.2	1,570	0.7
1,290	4,504	679	260	28	69	92.0	14.6	}	12.2	26.5	}	}	}	}
1,176	2,987	339	207	68	46	95.5	30.8		3.9	17.2				
1,041	2,848	289	582	75	101	90.0	15.6		8.4	17.4				
1,044	3,022	243	547	129	26	88.3	24.8		6.6	4.7				
1,084	3,194	200	754	267	27	90.0	35.4		5.3	3.6				
791	2,176	370	170	17	16	72.4	11.0		10.9	9.4				
1,080	2,762	219	963	240	226	92.5	32.6		6.8	23.5				
668	2,799	207	616	80	86	89.7	15.1		6.2	14.0				
1,273	2,500	151	599	238	25	82.6	41.5	4.8	4.2	4.2				
9,397	16,772	2,897	4,758	1,182	822	88.4	27.4	36.1	8.2	13.1	19,795	25.2	750	0.9

A.—VACCINE

Statement No. I showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
48	Chingleput.	Chingleput ...	1,392,515	446	2	4,765	4,019	8,784	4,392	7,814	3,750
49		Conjeevaram ...			2	4,764	4,172	8,936	4,468	7,163	2,645
50		Madurantakam ...			2	5,236	4,338	9,572	4,786	8,298	4,287
51		Ponnéri ...			2	4,715	4,233	8,948	4,474	8,627	4,287
52		Saidapet ...			2	4,155	3,529	7,684	3,992	6,346	4,028
53		Sripurambudur ...			2	4,185	2,830	7,015	3,508	5,182	2,763
54		Tiruvallur ...			2	3,954	3,157	7,111	3,556	6,341	3,188
		Total of district ...	1,392,515	446	14	32,074	26,276	58,350	4,168	49,806	24,904
55	Chittoor.	Chandragiri ...	1,283,782	217	1	2,920	1,830	4,750	4,750	3,525	1,940
56		Chittoor ...			4	5,698	3,699	9,397	2,342	7,614	4,329
57		Kalahasti ...			1	1,822	1,877	3,699	3,699	3,865	2,114
58		Madanapalle ...			2	4,888	3,082	7,970	3,885	4,388	2,551
59		Palmaner and Punganur ...			3	2,915	2,789	5,704	1,901	4,587	2,520
60		Pattur ...			2	3,546	2,909	6,455	3,228	5,795	3,205
61		Tiruttani ...			2	3,695	3,085	6,780	3,390	6,273	3,604
62		Vayalpad ...			2	3,592	2,453	6,045	3,023	5,078	2,993
		Total of district ...	1,283,782	217	17	28,946	21,524	50,470	2,969	40,625	23,226
63	Coimbatore.	Avanashi ...	2,082,063	307	2	4,621	4,344	8,965	4,483	7,995	2,217
64		Bhavani ...			2	3,048	2,819	5,867	2,984	5,803	2,551
65		Coimbatore ...			3	4,632	3,769	8,401	2,800	8,331	4,140
66		Dharapuram ...			2	4,171	4,000	8,171	4,086	7,489	2,505
67		Erode ...			2	4,577	3,929	8,506	4,253	7,599	2,478
68		Gobichettipalayam ...			3	1,842	4,328	6,170	3,090	7,064	3,480
69		Kollegal ...			2	2,049	1,688	3,737	1,866	3,514	1,550
70		Perundurai ...			2	3,447	3,158	6,605	3,303	6,672	2,986
71		Pollachi ...			3	5,227	4,509	9,736	3,245	7,851	3,589
72		Tiruppur ...			4	7,195	6,606	13,801	3,450	12,320	3,718
73		Udumalpet ...			3	3,587	3,273	6,860	2,270	6,109	1,470
		Total of district ...	2,082,063	307	26 + 2*	47,446	42,423	89,869	3,210	80,697	30,684
74	Cuddapah.	Badvel ...	852,506	145	1	1,572	1,079	2,651	2,651	2,287	409
75		Cuddapah ...			3	1,673	1,275	2,948	983	2,878	886
76		Jammalamadugu ...			2	2,843	2,176	5,018	2,509	4,459	1,498
77		Kamalapuram ...			2	3,068	1,735	4,798	2,399	3,910	1,436
78		Proddatur ...			1	1,862	1,147	2,509	2,509	2,479	1,030
79		Pulivendla ...			2	1,764	1,284	3,048	1,524	3,054	1,147
80		Rajampet ...			2	2,814	1,528	4,342	2,171	3,816	1,093
81		Rayachoti ...			2	2,918	1,921	4,839	2,420	3,344	1,991
82		Siddhant ...			2	2,440	1,632	4,072	2,036	3,634	1,141
		Total of district ...	852,506	145	17	20,449	13,776	34,225	2,018	30,256	10,871
83	Ganjām.	Aska ...	1,767,814	...	3	4,552	3,290	7,843	2,614	5,630	1,984
84		Berhampur ...			3	3,570	2,957	6,527	2,176	5,785	2,408
85		Chatrapur ...			3	4,078	3,634	7,712	2,571	6,563	2,664
86		Chicacole ...			3	4,477	3,380	7,857	2,286	5,650	2,301
87		Gumaur ...			2	3,732	2,071	5,803	2,902	3,392	1,105
88		Hiramaudalam ...			3	3,164	2,906	6,070	2,023	5,862	2,625
89		Parlakimedi ...			3	3,099	2,742	5,841	1,947	5,188	1,388
90		Parashottampur ...			3	3,948	3,429	7,377	2,459	6,626	3,344
91		Sompeta ...			3	4,048	3,421	7,469	2,490	5,737	2,089
92		Surada ...			2	2,689	2,127	4,816	2,408	3,896	1,346
93		Tekkali ...			8	3,561	3,368	6,929	2,310	5,326	2,176
		Total of district ...	1,767,814	...	31	39,918	33,325	73,243	2,363	59,780	28,430
94	Gōdāvari.	Alampur ...	...	...	2	4,730	3,621	8,351	4,176	4,999	1,681
95		Amalapuram ...			2	4,450	2,996	7,446	3,723	5,515	1,194
96		Ocanada ...			2	5,889	3,688	9,577	3,026	6,157	1,884
		Kothapettah ...			2	4,407	3,564	7,971	3,986	5,702	1,478

* Reserve Vaccinators.

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

vaccination.			Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.			
Successful.									Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
1 and under 6 years.	Total of all ages.	Unknown.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.									
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
2,507	6,623	903	1,469	685	237	95.9	55.6	}	11.6	16.1	}					
3,413	8,256	568	2,085	894	197	94.9	47.4		7.9	9.4						
2,946	7,364	791	1,685	791	208	98.2	55.8		9.5	15.9						
8,272	7,784	544	1,554	469	104	96.3	32.3		6.3	6.7						
954	5,645	566	1,748	640	382	90.4	46.9		9.1	21.9						
1,919	4,774	293	1,833	865	198	97.6	52.9		5.7	10.8						
2,222	5,665	484	1,521	478	249	96.7	37.5		7.6	16.3						
17,283	44,111	4,155	11,898	4,822	1,035	98.9	47.0	35.1	8.4	13.7	35,510	25.5	753	0.5		
1,330	3,287	204	1,401	531	194	98.9	43.9	}	5.8	13.8	}					
2,030	6,639	689	2,759	1,176	515	95.2	52.4		8.4	18.7						
1,097	3,270	80	327	132	82	90.5	53.9		2.4	25.1						
1,535	4,144	197	3,504	1,453	378	98.9	46.5		4.5	10.8						
1,592	4,185	317	1,434	498	208	98.0	40.6		6.9	14.5						
1,990	5,458	276	908	215	216	98.9	31.2		4.7	23.8						
2,041	5,718	415	635	276	89	97.5	50.5	}	6.6	14.0	}					
1,327	4,529	368	1,265	253	183	95.9	23.4		7.0	14.2						
12,942	37,225	2,486	12,251	4,539	1,865	97.6	43.7		33.8	6.1		15.2	30,483	24.7	528	0.4
4,049	6,577	995	1,126	217	275	94.0	25.5		}	12.4		24.4	}			
2,751	5,455	214	584	88	118	97.6	20.7			3.7		22.1				
2,514	7,124	558	1,560	265	99	91.6	18.1			6.7		6.3				
4,177	6,875	384	826	347	149	97.4	50.5	5.1		16.9						
3,894	6,772	641	918	154	149	97.3	20.2	8.4		16.3						
2,462	6,018	874	2,401	599	289	97.2	28.4	12.4		13.0						
1,058	2,689	370	516	88	69	85.5	19.7	}	10.5	13.4	}					
3,107	6,207	320	433	100	24	97.7	24.4		4.8	5.5						
3,182	6,978	565	2,576	645	132	95.7	26.4		7.2	5.1						
6,677	11,221	663	1,481	271	228	96.3	21.6		5.4	15.4						
3,405	5,194	483	1,116	287	158	92.3	30.0		8.0	14.1						
87,271	71,108	6,065	13,432	3,059	1,681	95.3	25.9		35.6	7.5		12.5	40,665	22.4	953	0.4
1,368	1,860	215	611	72	11	89.8	12.0	}	9.4	1.8	}					
1,194	2,311	218	492	199	118	96.1	53.2		8.2	24.0						
1,806	3,564	315	581	64	59	86.0	12.3		7.1	10.1						
1,705	3,277	420	1,528	437	381	93.9	38.1		10.7	24.9						
908	2,087	184	126	33	18	90.1	30.5		7.4	14.8						
1,262	2,564	217	538	166	53	90.4	34.4		7.1	9.9						
1,588	3,068	590	1,141	295	437	93.2	41.9	}	15.5	38.3	}					
1,276	3,378	354	1,280	550	200	93.9	50.9		8.9	15.6						
1,767	3,100	249	801	242	180	91.6	36.1		6.8	16.2						
12,874	25,024	2,763	7,096	2,058	1,407	91.0	36.2		31.8	9.1		19.8	19,861	23.3	482	2.8
2,710	4,935	377	2,231	470	313	93.9	24.5		}	6.7		14.0	}			
2,208	4,886	557	802	263	146	93.9	40.8			9.7		18.2				
2,506	5,916	430	1,160	353	129	96.5	34.7	6.5		11.1						
2,318	4,824	647	1,007	381	259	92.7	50.9	11.1		25.7						
1,648	2,893	343	2,471	757	567	96.9	39.3	10.4		22.9						
2,100	4,900	683	322	141	83	94.6	60.2	11.6		27.3						
2,704	4,345	555	658	205	87	93.9	35.9	}	10.7	13.2	}					
1,788	5,520	798	806	234	257	94.7	42.6		12.0	31.9						
2,638	4,790	615	1,742	597	567	93.7	50.8		10.7	32.5						
1,984	3,571	95	932	323	64	93.9	36.8		2.4	5.8						
2,807	4,684	488	1,806	713	282	95.4	58.0		8.2	16.3						
24,901	51,224	5,543	13,737	4,447	2,729	94.5	40.4		31.5	9.8		19.9	44,476	25.2	1,041	0.6
2,218	4,434	274	3,849	822	389	94.4	28.7	}	5.5	10.1	}					
2,697	4,743	545	2,191	536	345	95.4	31.7		9.9	15.7						
3,814	5,152	697	3,588	1,208	916	94.3	45.0		11.3	25.5						
2,774	4,886	485	2,587	961	379	93.6	43.5		8.5	14.6						

A.—VACCINE

Statement No. I showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
97	Godavari—cont.	Peddapuram	...	...	2	4,479	3,598	8,075	4,038	6,415	2,629
98		Pittapuram			2	3,967	3,511	7,478	3,739	5,814	2,357
99		Rajahmundry			2	4,079	3,324	7,403	3,702	5,998	2,604
100		Ramachandrapuram			2	5,399	4,419	9,816	4,909	4,166	1,398
101		Razole			2	3,801	2,619	6,420	3,210	5,958	1,677
		Total of district ...	1,349,104	...	19	40,701	31,888	72,089	3,791	50,689	16,502
102	Guntur.	Bapatla	...	...	3	7,757	5,762	13,519	4,506	9,264	2,331
103		Guntur			3	5,538	4,484	10,022	3,341	8,323	3,890
104		Gurusala			3	4,108	3,110	7,218	2,404	7,609	3,400
105		Narasaraopet			3	5,912	4,496	10,408	3,469	7,888	2,318
106		Ongole			4	8,759	6,587	15,346	3,637	10,866	3,889
107		Repalle			2	3,495	2,637	6,132	3,066	5,648	1,242
108		Sattenapalle			3	6,242	4,854	11,096	3,699	8,769	3,086
109		Tenali			3	7,426	5,733	13,159	4,386	8,251	5,587
110		Vinukonda			2	3,597	2,438	6,035	3,015	4,661	1,599
		Total of district ...	1,697,958	316	26	52,829	40,096	92,925	3,574	70,774	26,747
111	Kistna.	Bandar	...	...	1	1,959	1,743	3,702	3,702	3,238	1,501
112		Bowwada			3	4,307	4,078	8,385	2,795	7,692	3,158
113		Bhimavaram			2	4,754	3,791	8,545	4,273	6,006	1,678
114		Divi			3	3,647	3,397	7,044	3,522	5,081	1,507
115		Ellore			2	3,259	3,323	6,582	3,291	5,848	2,595
116		Gudivada			4	7,166	5,900	13,066	3,267	9,645	2,753
117		Kovvur			2	3,332	2,855	6,187	3,084	6,228	2,208
118		Nandigama			2	3,291	2,667	5,958	2,974	4,957	2,013
119		Narasapur			2	4,118	3,411	7,529	3,765	6,146	1,388
120		Nuzvid			2	3,609	3,418	7,027	3,511	6,684	2,176
L.F.		Tanuku	4	6,338	5,502	11,840	2,960	9,926	4,391		
		Total of district ...	1,984,818	361	26	45,778	40,070	85,848	3,302	72,046	25,807
121	Kurnool.	Dhone	...	...	2	3,289	2,422	5,661	2,831	4,697	2,013
122		Giddalore			2	2,187	1,774	3,941	1,971	3,889	1,510
123		Koilkuntla			2	1,925	1,153	3,078	1,539	3,120	1,264
124		Kurnool			2	3,544	2,811	6,355	2,928	4,765	2,148
125		Markapur			2	2,284	1,852	4,136	2,083	4,843	2,248
126		Nandikotkur			2	2,534	1,919	4,453	2,227	3,685	1,583
127		Nandyal			1	1,392	1,210	2,602	2,602	2,395	870
128		Pattikonda			2	3,368	2,425	5,788	2,894	4,934	2,070
129		Siruvellur			2	1,944	1,415	3,359	1,680	3,449	1,098
		Total of district ...	868,858	115	17	22,392	16,511	38,903	2,288	35,227	15,349
130	Madura.	Dindigul	...	...	2	4,590	3,334	7,924	3,962	7,386	3,688
131		Kodaikanal			1	586	495	1,082	1,082	1,102	890
132		Madura			2	4,259	2,614	6,873	3,437	3,454	1,694
133		Melur			2	4,488	3,780	8,268	4,134	6,402	1,994
134		Nilakkottai			2	3,890	3,495	7,385	3,693	7,569	4,638
135		Palni			2	3,690	3,544	7,234	3,617	7,515	4,427
136		Periyakulam			4	8,577	7,150	15,727	3,932	14,812	8,967
137		Tirumangalam			3	6,824	5,306	11,830	3,776	11,426	6,508
138		Vedasandur			2	3,558	3,447	7,005	3,552	7,411	3,135
		Total of district ...	1,778,663	354	20	39,982	33,166	73,128	3,656	67,080	35,496
139	Malabar.	Alathur	...	...	2	4,047	3,654	7,701	3,851	7,706	2,562
140		Badagara			2	4,026	3,352	7,378	3,689	6,260	2,318
141		Calicut			2	5,389	4,298	9,688	4,844	7,468	2,513
142		Chirakkal			3	5,165	6,533	11,698	4,899	12,117	4,744
143		Chowghat			2	4,298	4,402	8,700	4,350	7,869	4,828

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

vaccination.			Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.						
Successful.		Unknown.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.		Primary vaccination.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.					
1 and under 6 years.	Total of all ages.																		
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25					
2,345	5,528	564	1,727	533	353	94.3	38.3	}	8.6	20.4	}	...	...	...					
2,313	4,943	669	2,123	597	674	93.1	41.2		11.5	31.3									
2,005	5,130	448	1,680	815	231	92.4	22.0		7.5	13.9									
1,733	3,856	216	5,660	1,460	581	97.6	28.8		5.2	9.9									
2,755	4,960	689	1,596	710	191	94.2	52.7		11.6	11.9									
22,184	48,632	4,577	24,979	7,217	4,089	91.6	34.5	37.7	8.0	16.2	35,366	26.4	453	0.3					
4,530	7,822	872	5,151	2,659	822	98.2	61.4	}	9.4	15.9	}	...	...	...					
2,773	7,127	702	2,537	608	356	93.5	27.9		8.4	14.0									
2,304	6,340	504	2,092	868	238	89.2	46.5		6.6	11.4									
3,388	6,121	880	3,586	712	438	87.3	23.0		11.2	12.4									
4,602	9,035	666	5,684	2,577	746	93.1	52.2		6.4	13.1									
2,859	4,513	632	1,859	690	325	90.1	44.9	}	11.2	17.5	}	...	...	...					
4,363	7,869	563	3,667	1,563	291	95.9	46.3		6.4	7.9									
1,820	7,357	456	4,908	3,278	93	94.4	66.7		5.5	1.9									
1,805	3,805	402	2,088	501	182	84.6	26.3		8.6	8.7									
28,444	59,789	5,677	31,522	13,451	3,491	91.8	48.0		43.1	8.0					11.1	34,794	20.5	537	0.3
1,226	2,957	182	710	398	74	96.8	53.1	}	5.6	10.4	}	...	...	...					
2,971	6,478	829	1,418	380	272	94.4	33.1		10.8	19.2									
3,439	5,719	572	2,103	965	154	94.8	49.5		8.6	7.3									
2,727	4,465	375	2,174	841	261	94.9	17.8		7.4	12.0									
2,258	5,106	588	1,236	342	245	97.0	34.5		10.0	19.3									
5,232	8,573	804	4,857	1,157	568	96.9	26.9	}	8.3	11.7	}	...	...	...					
2,965	5,407	497	1,000	422	154	94.4	49.9		7.9	15.4									
2,281	4,424	402	1,348	392	306	97.1	37.6		8.1	22.7									
3,376	5,701	296	1,446	495	109	97.4	37.0		4.8	7.5									
3,343	5,848	544	852	370	193	95.2	56.1		8.1	2.6									
3,198	8,091	1,057	3,294	1,072	269	91.2	35.4	}	10.6	8.2	}	...	...	...					
32,996	62,769	6,144	20,438	6,274	2,605	95.2	35.2		34.8	8.5					12.7	47,018	23.6	1,133	0.6
1,650	3,766	500	1,148	331	123	89.7	32.3		}	10.6					10.7	}	...	...	...
1,620	3,213	318	568	139	101	91.1	29.7			8.2					17.7				
976	2,398	248	864	166	59	83.5	20.6			7.9					6.8				
1,465	3,746	479	1,322	129	322	87.4	12.9	10.1		24.3									
1,485	3,899	128	680	323	20	92.4	48.9	2.8		2.9									
1,230	2,898	392	1,327	317	26.9	88.0	29.9	}	10.6	20.3	}	...	...	...					
838	1,720	277	264	47	84	81.2	26.1		11.6	81.8									
1,344	4,119	424	1,471	298	166	91.3	22.6		8.6	10.6									
1,366	2,786	225	355	74	86	84.9	23.2		6.5	10.1									
11,974	28,495	2,981	7,999	1,824	1,170	88.4	26.7		34.8	8.5					14.6	23,062	26.5	513	0.6
1,818	5,958	925	2,460	1,237	408	92.2	60.3	}	12.5	16.6	}	...	...	...					
510	982	69	245	160	30	95.1	69.8		6.3	12.2									
1,035	2,797	533	3,891	1,066	772	95.7	34.1		15.4	19.8									
2,722	4,919	1,044	2,578	415	98	91.8	16.7		16.8	8.8									
1,380	6,155	1,124	770	134	129	95.5	20.9		14.9	16.8									
1,578	6,088	917	560	87	65	92.3	17.6	}	12.2	11.6	}	...	...	...					
9,109	12,532	1,865	1,635	361	600	96.8	34.9		12.6	36.7									
2,676	9,584	1,396	1,351	331	203	85.5	28.8		12.2	15.0									
1,822	5,562	951	1,486	346	234	85.9	27.6		12.8	15.8									
16,650	54,567	8,824	14,976	4,127	2,539	93.7	33.2		33.0	13.2					16.9	43,449	24.4	926	0.5
3,019	6,535	642	1,659	779	177	92.5	52.5	}	8.8	10.7	}	...	...	...					
2,665	5,380	618	1,186	499	237	93.8	52.6		13.1	19.9									
3,273	6,893	529	2,368	1,096	352	99.4	54.3		7.0	14.8									
5,032	10,849	1,124	2,648	1,092	519	98.7	51.3		9.3	19.6									
1,767	7,342	363	1,626	798	210	97.7	56.4		4.5	12.9									

A.—VACCINE

Statement No. I showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
144	Malabar—cont.	Manjeri ...	2,891,578	519	2	4,773	4,028	8,800	4,400	7,422	2,761
145		Ottapalam ...			2	4,243	4,295	8,538	4,269	7,625	2,746
146		Palghat ...			2	5,444	4,697	10,141	5,071	8,201	2,958
147		Perintalmanna ...			2	4,166	3,784	7,980	3,990	6,642	3,907
148		Ponnani ...			2	4,160	4,327	8,487	4,244	7,221	4,606
149		Quilandi ...			2	4,079	3,878	7,957	3,979	6,989	2,501
150		Tellicherry ...			3	6,926	5,355	12,281	4,094	7,997	3,698
151		Tirur ...			2	4,689	4,431	9,120	4,560	7,735	5,925
152		Tirurangadi ...			2	4,436	3,753	8,189	4,095	7,305	8,628
153		Wynaad ...			3	2,262	2,303	4,565	1,522	3,703	1,359
Total of district ...			2,891,578	519	33 + 2†	71,133	63,091	134,224	3,835	111,295	51,354
154	Nellore	Atmakur ...	1,349,690	168	2	2,138	1,749	3,887	1,944	4,042	906
155		Darsi ...			1	1,543	1,256	2,799	2,799	2,047	846
156		Gudur ...			2	2,233	2,018	4,251	2,186	8,507	1,374
157		Kandukur ...			3	3,718	3,198	6,916	2,305	6,222	1,587
158		Kanigiri ...			2	2,837	2,451	5,288	2,644	4,776	853
159		Kavali ...			2	3,155	2,798	5,953	2,977	4,151	1,011
160		Kovvur ...			2	2,564	2,318	4,882	2,441	4,421	1,212
161		Nellore ...			2	2,885	2,203	5,088	2,544	4,190	958
162		Podili ...			1	1,707	1,495	3,202	3,202	2,883	280
163		Rapur ...			1	1,847	1,185	3,032	2,532	2,232	617
164	Udayagiri ...	2	1,636	1,285	2,921	1,461	2,981	461			
165	Venkatagiri ...	2	2,929	2,418	5,347	2,674	4,897	1,501			
Total of district ...			1,349,690	168	22	28,092	24,374	53,066	2,412	46,985	11,101
166	The Nilgiris.	The Nilgiris circle ...	94,837	73	4	5,132	3,574	8,706	2,176	4,232	1,829
		Total of district ...	94,837	73	4	5,132	3,574	8,706	2,176	4,232	1,829
167	Rannul.	Aruppukkottai ...	1,654,204	328	3	3,536	3,041	6,578	2,193	6,797	2,195
168		Madukulattur ...			2	3,827	3,856	7,683	3,742	7,512	2,524
169		Ramanad ...			3	4,078	3,346	7,425	2,475	6,664	2,169
170		Sattur ...			3	4,109	3,423	7,532	2,111	6,803	3,096
171		Sivaganga ...			3	8,676	3,029	6,705	2,235	6,270	2,388
172		Srivilliputtur ...			2	8,543	2,565	6,108	3,054	5,477	2,351
173		Tirupattur ...			3	2,880	2,020	4,400	1,467	5,023	1,511
		Tiruvadanai ...			3	4,135	3,411	7,546	2,515	6,559	927
Total of district ...			1,654,204	328	22	29,285	24,492	53,777	2,444	51,505	17,156
174	Salem.	Attur ...	2,059,790	326	2	3,319	3,207	6,426	3,213	5,919	2,916
175		Dharmapuri ...			3	4,404	3,424	7,828	2,609	7,142	1,847
176		Harur ...			2	3,319	2,838	6,157	3,079	5,583	1,062
177		Hosur ...			3	4,257	3,492	7,749	2,583	5,500	2,558
178		Krishnagiri ...			3	4,901	4,235	9,136	3,045	8,094	2,738
179		Namakkal ...			2	4,852	4,232	9,084	4,542	8,574	2,216
180		Omair ...			2	3,954	3,671	7,625	3,812	8,519	1,914
181		Rasipuram ...			3	3,604	3,390	6,994	2,331	6,843	1,667
182		Salem ...			2	4,247	3,917	8,164	4,082	7,881	3,593
183		Sankari ...			3	4,907	4,574	9,481	3,160	1,0270	2,156
Total of district ...			2,059,790	326	25	41,684	36,978	78,642	3,146	74,425	22,667
184	South Kanara.	Goondapur ...	1,189,326	296	2	3,789	3,834	7,623	3,812	5,641	2,956
185		Kirkul ...			2	3,218	2,865	6,083	3,042	5,527	2,631
186		Kasaragod ...			3	8,164	5,604	11,768	3,923	10,511	2,720
187		Mangalore ...			3	5,309	4,642	9,951	3,314	8,834	4,168
188		Puttur ...			2	3,474	3,459	6,933	3,467	5,447	2,816
189		Udipi ...			3	5,491	4,821	10,312	3,437	8,531	5,093
190	Uppinangadi ...	3	2,822	2,546	5,368	1,789	4,141	920			
Total of district ...			1,189,326	296	18	30,258	27,771	58,029	3,224	48,632	20,862

* Excludes Laccadives (9,472)

† Reserve Vaccinators.

‡ Excludes Amindivi Islands (4,165).

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

vaccination.			Re-vaccination.			Percentage of successful cases in which the results were known.			Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.						
Successful.																			
1 and under 6 years.	Total of all ages.	Unknown.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.	Persons successfully vaccinated per 1,000 of population.	Primary vaccination.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.					
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25					
2,462	6,872	787	1,541	576	387	96.0	49.9	}	10.6	25.1	}	}	}	}					
3,484	7,037	512	1,113	486	252	98.9	50.1		6.7	22.6									
3,447	7,592	630	1,902	678	310	99.1	42.6		7.6	16.3									
2,029	6,174	310	1,441	623	113	97.5	46.9		4.6	7.8									
1,891	6,644	429	1,912	748	242	97.8	41.8		5.9	12.6									
2,583	5,440	472	2,066	1,338	299	99.5	75.7		7.9	14.4									
2,789	7,400	366	4,293	1,609	12	98.1	37.6		4.6	0.3									
1,025	7,309	401	1,580	750	113	99.6	53.2		5.2	7.1									
1,882	5,885	1,330	897	294	309	98.4	50.0		18.2	34.4									
1,682	3,525	159	942	681	170	99.4	88.2		4.8	18.0									
38,720	100,467	8,862	27,174	12,077	3,702	98.1	51.4	38.9	7.9	13.6	81,455	28.2	1,282	0.4					
2,164	3,386	302	858	218	127	99.2	29.8	}	7.5	14.8	}	}	}	}					
1,859	2,434	68	893	173	33	94.4	48.1		2.6	8.4									
1,720	3,285	151	1,046	332	226	97.9	40.5		4.3	21.6									
3,692	5,649	387	1,062	267	228	96.8	32.0		6.2	21.5									
2,870	4,090	207	824	179	118	98.5	35.4		4.3	18.9									
2,377	3,665	252	1,028	599	132	94.0	33.3		6.1	6.8									
2,357	3,789	370	588	131	94	93.5	26.5		8.4	15.9									
2,487	3,826	284	1,027	585	183	96.6	69.3		5.7	17.8									
1,832	2,374	180	672	166	128	87.8	30.5		6.2	19.0									
1,184	2,080	101	435	152	53	95.8	39.8		4.5	12.2									
2,058	2,704	121	330	87	101	95.2	37.9	4.1	30.6										
2,445	4,215	451	960	283	166	94.8	35.6	9.2	17.3										
26,995	41,397	2,828	9,923	3,172	1,589	93.8	38.1	33.0	6.0	16.0	32,793	23.5	468	0.3					
1,304	4,089	135	4,474	2,716	564	99.3	69.5	71.5	3.2	12.6	...	...	...	...					
1,304	4,068	135	4,474	2,716	564	99.8	69.5	71.5	3.2	12.6	4,066	42.7	85	0.9					
3,015	5,664	800	539	132	124	94.5	31.8	}	11.8	23.0	}	}	}	}					
4,246	7,254	119	539	359	76	98.1	77.5		1.6	14.1									
3,122	5,652	809	897	163	116	93.3	21.7		9.1	13.4									
2,326	5,829	635	850	287	98	92.9	39.5		9.2	11.5									
2,628	5,145	858	501	136	85	91.7	32.7		10.5	16.9									
2,815	4,947	300	904	275	99	95.5	34.1		5.8	10.9									
2,485	4,294	464	377	131	78	94.2	43.8		9.2	20.7									
2,972	4,768	1,018	1,090	262	195	81.6	29.3		14.8	17.9									
23,000	43,557	4,803	5,667	1,755	871	92.9	36.6		27.4	8.9					15.4	36,677	22.2	697	0.4
1,994	5,054	266	850	313	42	89.4	38.7		}	4.4					4.9	}	}	}	}
4,513	6,434	382	2,152	1,002	432	95.2	58.2	5.3		20.0									
3,337	4,857	424	601	315	75	93.9	43.4	7.5		9.3									
2,093	4,800	612	2,278	807	433	97.0	43.7	11.4		19.0									
3,497	6,680	866	2,020	635	426	92.4	39.8	10.7		21.0									
4,820	7,451	845	714	287	114	96.4	47.8	9.8		15.9									
4,971	7,354	716	387	88	61	94.2	26.9	8.4		15.7									
3,699	5,730	873	431	98	87	92.8	28.4	9.8		20.2									
3,277	7,282	414	439	244	72	96.8	66.4	5.2		16.4									
5,947	8,772	997	553	112	38	94.6	21.7	9.7		6.8									
38,148	64,384	6,225	10,625	3,901	1,780	94.3	44.1	33.1	8.3	16.7	38,492	18.7	895	0.4					
2,159	5,273	289	2,149	1,206	296	98.5	65.0	}	5.1	13.8	}	}	}	}					
1,935	4,757	689	581	180	175	98.3	44.3		12.5	30.1									
4,680	8,201	1,324	1,363	324	464	94.4	36.0		17.3	34.0									
3,739	8,183	463	1,789	758	153	97.7	46.3		5.2	8.5									
2,435	5,055	355	1,565	876	143	99.3	61.6		6.5	9.1									
2,681	8,200	294	1,818	1,093	189	99.5	67.1		3.4	10.4									
2,471	3,617	453	1,945	804	337	98.1	61.4		10.9	20.5									
20,280	43,286	4,367	10,910	5,241	1,757	97.8	57.2		40.8	8.9					16.1	37,248	31.6	716	0.6

A.—VACCINE

Statement No. 1 showing the particulars of Vaccination in the

Number	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary	
						Males	Females	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
191	Tanjore.	Arantangi ...	...	...	2	1,967	1,800	3,767	1,584	3,829	1,052
L.F.		Kumbakonam ...			2	3,767	3,234	7,003	3,512	6,482	1,915
192		Mannargudi ...			2	3,148	2,733	5,881	2,941	6,110	2,427
L.F.		Mayavaram, East ...			1	2,861	2,350	5,211	5,211	5,024	1,380
193		Mayavaram, West ...			1	3,013	2,554	5,567	5,567	4,592	1,455
194		Nannilam, North ...			1	2,053	1,819	3,872	3,872	3,474	1,044
195		Nannilam, South ...			1	1,515	1,530	3,045	3,045	3,527	968
L.F.		Negapatam ...			1	2,142	2,064	4,206	4,206	4,282	1,660
196		Papanasam ...			2	3,609	3,261	6,870	3,435	6,082	2,882
197		Pattukkottai ...			3	4,353	3,800	8,153	2,714	7,963	1,874
198		Shiyali ...			1	2,984	2,628	5,612	5,612	5,821	1,077
199		Tanjore, North ...			2	2,869	2,907	5,776	5,776	5,796	1,465
L.F.		Tanjore, South ...			2	3,202	2,844	6,046	3,023	5,821	1,600
L.F.		Tirutturaipundi ...			2	3,988	3,211	7,199	3,600	6,963	1,663
		Total of district ...	2,077,259	564	23	41,523	36,435	77,958	3,389	75,746	23,107
200	Tinnevely.	Ambasamudram ...	...	...	2	3,963	2,959	6,922	3,481	8,803	3,403
201		Kovilpatti ...			2	3,210	2,801	6,011	2,905	6,110	3,610
202		Nanguneri ...			2	4,210	3,724	7,934	3,967	8,102	3,864
203		Sankarankoil ...			3	2,189	1,624	3,813	1,271	13,260	2,473
204		Sriraikuntam ...			2	3,400	2,773	6,239	3,120	6,675	3,615
205		Tenkasi ...			3	4,467	3,761	8,228	2,743	10,168	4,561
206		Tinnevely ...			1	2,284	1,967	4,251	4,251	4,816	1,932
207		Tiruchendur ...			2	3,978	3,956	7,934	3,967	6,830	2,845
208		Vilattikulam ...			2	3,269	2,647	5,916	2,658	7,920	3,062
		Total of district ...	1,756,448	404	18	31,036	26,012	57,048	3,003	71,684	28,855
209	Trichinopoly.	Ariyalur ...	...	...	2	4,019	3,189	7,208	3,804	6,346	2,400
210		Jayamkondan ...			2	3,853	3,523	7,376	3,688	6,834	1,527
211		Karur ...			2	5,145	4,090	9,235	4,618	7,936	3,004
212		Kulittalai ...			2	4,023	3,055	7,078	3,539	6,714	2,668
213		Lalgudi ...			2	4,177	3,610	7,787	3,894	7,141	1,980
214		Manapparai ...			2	3,737	3,473	7,210	3,605	6,041	2,531
215		Musiri ...			2	3,364	2,584	5,948	2,974	5,437	2,749
216		Perambalur ...			2	4,440	3,950	8,390	4,195	6,726	1,717
217		Trichinopoly ...			1	3,565	2,789	6,354	6,354	5,753	1,900
218		Turaiyur ...			2	3,853	3,648	7,501	3,751	7,028	2,234
		Total of district ...	1,741,014	412	19	40,176	38,911	79,087	3,890	65,956	22,610
219	Vizagapatam.	Anakapalle ...	...	...	1	2,186	2,378	4,564	4,564	3,772	1,616
L.F.		Bimlipatam ...			1	1,559	1,498	3,057	3,057	3,282	1,171
220		Bobbili ...			1	1,927	1,886	3,813	3,813	3,507	1,404
221		Chipurupalli ...			2	4,031	4,101	8,132	4,066	5,850	2,468
L.F.		Chodavaram ...			2	4,028	3,650	7,678	3,839	7,304	3,298
222		Gajapatinagaram ...			3	4,890	4,724	9,614	3,205	8,577	2,560
223		Narasapatam ...			2	2,423	2,440	4,863	2,432	4,814	1,334
224		Palkonda ...			2	4,191	3,892	7,583	3,792	6,100	2,505
L.F.		Parvatipur ...			1	2,092	1,832	3,924	3,924	3,691	1,104
225		Razam ...			2	3,352	3,168	6,520	3,260	5,862	2,904
226		Salur ...			2	3,265	3,184	6,449	3,225	5,410	1,945
L.F.		Srungavarapukota ...			1	2,384	2,195	4,579	4,579	4,823	1,782
227		Vizagapatam ...			1	2,702	2,851	5,553	5,553	4,053	1,894
228		Vizianagaram ...			2	3,436	3,689	7,125	3,563	7,688	3,474
229		Yellamanchilli ...			2	4,141	4,409	8,550	4,275	7,103	2,930
		Total of district ...	2,120,009	...	25	46,607	45,397	92,004	3,680	81,816	32,449
		Total of districts ...	39,288,154	...	541 + 7*	891,820	753,771	1,645,591	3,008	1,446,879	572,201

* Reserve Vaccinators.

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

vaccination.			Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
Successful.									Primary vaccination.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
1 and under 6 years.	Total of all ages.	Unknown.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.							
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1,987	3,345	150	106	41	8	90.9	41.8	...	3.9	7.5	}	}	}	}
2,727	4,872	1,145	679	95	37	91.6	14.8	...	17.7	5.1				
2,053	4,877	1,008	474	179	120	95.6	50.6	...	16.5	25.8				
2,568	4,652	164	447	327	73	95.7	87.4	...	3.2	16.3				
2,229	4,334	204	1,235	410	76	98.7	35.3	...	1.4	6.1				
1,778	3,017	301	427	134	8	95.1	31.9	...	8.7	1.8				
1,883	3,079	218	133	43	36	93.0	44.3	...	6.2	27.0				
2,128	3,853	389	383	191	150	98.9	81.9	...	9.8	39.2				
2,017	5,725	292	1,159	765	117	98.9	73.4	...	4.8	10.1				
3,877	6,554	1,254	313	154	101	97.7	72.6	...	15.7	32.3				
2,556	4,590	330	1,041	328	148	93.6	36.7	...	5.7	14.2				
2,902	5,021	564	272	130	6	95.9	48.8	...	9.7	2.2				
2,550	4,829	779	588	167	180	95.8	36.5	...	13.4	22.1				
3,971	6,600	203	580	405	66	97.6	78.8	...	2.9	11.4				
35,175	65,348	7,001	7,837	3,869	1,076	95.1	49.8	33.1	9.2	13.7	40,260	19.4	1,431	0.7
2,119	5,761	598	1,920	677	118	92.8	37.4	...	8.8	6.1	}	}	}	}
1,519	5,205	654	679	162	177	95.3	32.3	...	10.7	26.1				
3,375	7,568	874	886	295	142	91.9	30.6	...	9.7	16.0				
7,395	10,868	1,184	1,017	246	152	69.9	28.4	...	8.9	14.9				
2,093	5,743	389	1,091	684	116	91.4	57.8	...	5.8	10.6				
3,942	8,909	529	1,069	405	102	93.3	42.3	...	5.2	9.5				
1,570	3,810	467	403	137	80	88.2	42.4	...	10.3	19.8				
2,997	5,614	694	2,413	833	253	91.5	38.7	...	10.2	10.5				
2,805	6,259	836	812	171	293	89.7	32.9	...	12.0	36.1				
27,815	59,822	6,285	10,299	3,493	1,433	91.4	39.5	36.0	8.8	13.9	41,429	23.6	855	0.5
2,481	5,256	659	1,431	415	279	92.4	36.1	...	10.4	19.5	}	}	}	}
3,613	5,531	888	1,804	599	275	93.0	58.2	...	12.9	21.9				
3,408	6,945	705	1,507	569	270	96.0	46.0	...	8.9	17.9				
2,580	5,598	755	1,343	545	281	93.9	51.3	...	11.2	20.9				
3,799	6,229	537	999	398	208	94.3	50.3	...	7.5	20.8				
2,223	5,037	764	1,197	371	99	95.4	33.8	...	12.6	8.3				
1,758	4,781	461	1,121	437	195	96.1	47.2	...	8.5	17.4				
3,664	6,059	536	1,769	1,088	151	97.9	64.1	...	7.9	8.5				
2,561	4,994	542	747	201	70	95.8	27.6	...	9.4	8.8				
3,423	6,452	485	578	253	49	98.6	51.7	...	6.9	9.1				
29,520	56,882	6,332	12,006	4,826	1,877	95.4	47.6	35.4	8.6	15.6	36,449	20.9	843	0.5
1,640	3,350	231	819	250	81	94.6	37.9	...	6.1	9.9	}	}	}	}
1,410	2,748	263	402	107	70	91.0	32.2	...	8.0	17.4				
1,334	2,557	261	503	108	62	88.0	24.4	...	7.4	12.3				
2,112	4,903	504	2,282	1,284	201	89.8	61.7	...	8.6	8.8				
2,754	6,336	526	389	184	42	93.5	53.0	...	7.2	10.8				
4,066	7,202	688	1,037	46	85	90.7	15.3	...	7.4	8.2				
2,674	4,216	473	814	386	235	97.1	66.6	...	9.8	28.9				
2,047	4,793	607	1,483	101	60	87.3	7.1	...	9.9	4.0				
1,864	3,072	277	469	92	29	89.9	20.9	...	7.5	6.2				
1,776	4,940	474	462	222	90	91.7	24.6	...	8.1	9.1				
2,429	4,712	329	1,457	232	165	98.3	17.8	...	6.1	10.7				
1,952	3,975	537	802	306	252	92.7	47.1	...	11.1	27.9				
1,498	3,555	297	1,600	531	172	94.6	39.9	...	7.3	11.5				
2,183	5,861	1,041	1,480	216	867	88.4	18.2	...	13.6	24.6				
2,926	6,257	573	1,556	995	296	95.8	63.8	...	8.0	15.9				
32,860	68,707	7,029	16,395	5,190	2,198	91.9	38.6	34.8	8.6	13.4	52,876	24.9	576	0.3
590,954	1,248,081	125,412	326,278	113,635	46,286	94.3	40.9	34.6	8.7	14.8	926,527	23.6	19,338	0.5

A.—VACCINE

Statement No. I showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
1		Adoni ...	30,232	8,637	1	605	581	1,186	1,186	1,153	1,007
2		Anakapalle ...	20,360	2,264	1	629	439	1,068	1,068	873	417
3		Anantapur ...	11,452	1,272	1	556	280	836	836	609	345
4		Bellary ...	39,844	7,245	3	1,126	873	1,999	1,999	1,552	961
5		Berhampur ...	32,731	5,474	1	640	414	1,054	1,054	832	575
6		Bezwada ...	44,159	7,860	2	1,384	850	2,234	1,117	1,371	987
7		Bimlipatam ...	7,495	15,020	1	820	226	1,046	1,046	606	221
8		Bodinayakkanur ...	20,341	5,085	1	508	483	991	991	982	714
9		Calicut ...	82,334	8,033	3	4,206	2,848	7,054	2,351	3,416	1,644
10		Cannanore ...	27,705	5,689	1	958	533	1,491	1,491	1,469	811
11		Chicacole ...	18,298	5,449	1	447	323	770	770	345	237
12		Chidambaram ...	22,501	11,251	1	839	268	1,107	1,107	507	114
13		Chingleput ...	11,793	7,842	1	732	321	1,053	1,053	492	363
14		Chirala ...	15,323	7,661	1	360	314	674	674	277	183
15		Chittoor ...	17,941	2,392	1	865	512	1,377	1,377	617	454
16		Cocanada ...	53,348	8,554	2	2,466	1,493	3,959	1,980	2,478	1,202
17		Coimbatore ...	20,637	20,637	2	643	608	1,251	1,251	966	439
18		Coimbatore ...	65,788	9,048	6	2,300	1,570	3,870	1,609	2,913	1,609
19		Conjeevaram ...	61,376	15,344	2	1,252	835	2,187	1,094	1,802	1,157
20		Coonoor ...	12,215	2,041	1	475	276	751	751	399	179
21		Cuddalore ...	50,527	3,789	2	1,116	1,001	2,117	1,059	1,724	1,307
22		Cuddalore ...	18,517	4,337	2	1,618	568	2,186	1,093	773	382
23		Dharmapuri ...	16,124	8,062	1	311	230	541	541	411	213
24		Dindigul ...	30,922	6,902	1	734	513	1,247	1,247	1,061	882
25		Ellore ...	45,882	14,292	2	1,074	904	1,978	1,978	1,608	882
26		Erode ...	22,911	6,186	1	639	405	1,044	1,044	671	465
27		Gudiyattam ...	22,603	19,002	1	448	333	781	781	693	557
28		Guntur ...	48,184	10,253	2	3,438	2,519	5,957	2,979	1,761	1,420
29		Hindupur ...	12,456	6,228	1	929	326	1,255	1,255	649	290
30		Hosur ...	18,337	6,486	1	485	542	1,027	1,027	944	811
31		Karur ...	18,249	12,166	1	380	267	647	647	506	211
32		Kodaikanal ...	4,283	...	1	108	89	197	197	180	129
33		Kumbakonam ...	60,700	13,733	3	1,384	1,078	2,462	1,231	1,498	1,498
34		Kurnool ...	27,908	2,663	1	739	650	1,389	1,389	1,203	906
35		Madras ...	526,911	19,090	45	50,879	24,076	74,955	1,666	18,050	14,879
36		Madras ...	138,894	17,362	11	12,744	6,936	19,680	1,789	9,404	6,451
37		Mangalore ...	53,877	10,292	2	1,941	1,528	3,469	1,735	2,653	1,801
38		Mannargudi ...	21,686	4,808	1	424	270	694	694	654	478
39		Masulipatam ...	43,940	2,137	3	1,633	1,246	2,879	1,440	1,925	1,218
40		Māyavaram ...	28,617	6,765	1	527	591	1,058	1,058	890	648
41		Nandyal ...	18,124	3,824	2	493	393	886	886	698	342
42		Narasaraopet ...	11,308	5,654	1	446	428	874	874	688	258
43		Negapatam ...	54,016	10,760	3	2,517	1,786	4,303	1,418	3,095	1,315
44		Nellore ...	25,883	8,969	1	1,927	1,205	3,132	1,596	1,906	698
45		Ongole ...	14,276	3,575	1	2,553	1,432	4,085	1,063	280	280
46		Ootacamund ...	19,467	1,391	2	782	589	1,371	1,371	886	508
47		Palakollu ...	14,635	7,269	1	610	318	928	928	483	146
48		Palamcottah ...	40,648	1,167	2	977	755	1,732	1,732	1,494	608
49		Palghat ...	45,487	4,548	2	1,234	1,050	2,284	1,142	1,879	1,807
50		Palni ...	17,601	10,000	1	374	256	630	630	552	348
51		Parlakimedi ...	18,719	14,398	1	928	630	1,558	1,558	1,210	651
52		Peddapuri ...	14,620	2,417	1	589	224	763	763	477	281
53		Periyakulam ...	16,478	21,971	1	567	392	959	959	808	640
54		Pollachi ...	11,875	2,969	1	175	157	332	332	306	233
55		Proddatur ...	15,906	5,891	1	511	345	856	856	847	330
56		Rajahmundry ...	53,791	15,310	3	4,513	2,359	6,872	2,291	3,415	1,396
57		Sadapet ...	27,404	3,045	1	882	685	1,567	1,567	1,243	790
58		Salem ...	52,244	1,478	3	1,483	1,280	2,763	921	1,723	1,660
59		Sivakasi ...	14,617	5,665	1	304	232	536	536	492	433
60		Srirangam ...	28,153	4,567	1	511	425	936	936	888	475
61		Srivilliputtur ...	31,196	15,597	1	835	736	1,571	1,571	1,453	887
62		Tadpatri ...	11,293	1,412	1	223	141	364	364	439	186
63		Tanjore ...	59,918	7,811	3	1,892	1,341	3,233	1,078	2,340	1,388
64		Tellicherry ...	27,576	11,030	2	696	694	1,390	1,390	919	550
65		Tenali ...	23,230	6,828	1	454	436	890	890	874	604
66		Tinnevely ...	53,783	15,193	2	1,593	1,031	2,624	1,312	2,126	1,118
67		Trichinopoly ...	120,422	13,369	4	3,296	3,043	6,339	1,585	4,188	2,998
68		Tirupati ...	17,434	11,622	1	346	270	616	616	535	369
69		Tirupattur ...	16,275	4,540	1	399	281	680	680	697	489

* Includes 514 cases performed in the Penitentiary.

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

vaccination.			Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
Successful.			Total number of operations.			Primary vaccination.			Primary vacci- nation.		Number.		Ratio per 1,000.	
1 and under 6 years.	Total of all ages.	Unknown.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.		Primary vacci- nation.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
110	1,119	19	47	45	2	98.7	100.0	38.5	1.6	4.3	1,180	38.0	17	0.6
302	870	...	197	112	...	99.6	56.8	48.2	...	...	760	37.3	3	0.1
180	635	26	289	34	13	91.8	12.3	49.7	4.3	4.5	303	28.5	10	0.9
394	1,369	71	449	100	20	92.4	25.4	37.1	4.6	4.4	2,479	62.2	24	0.6
154	821	...	226	174	15	98.7	82.5	30.4	...	6.6	1,097	33.5	14	0.4
312	1,356	10	863	693	5	99.6	80.8	46.4	0.7	0.6	1,449	32.8	5	0.1
23	263	...	382	179	...	98.1	46.9	59.0	...	...	434	57.9	2	0.3
268	982	...	10	10	...	100.0	100.0	48.8	...	...	545	26.8	19	0.9
1,466	3,348	...	4,041	3,691	...	98.0	91.3	85.5	...	...	7,327	88.9	195	2.4
491	1,450	...	400	240	9	98.7	61.4	61.0	...	2.2	2,209	79.7	154	5.6
106	344	...	425	399	...	99.7	93.9	45.6	...	...	711	43.6	9	0.6
345	459	20	106	43	19	94.2	49.4	22.3	3.9	17.9	575	25.6	17	0.8
112	488	1	564	201	86	99.4	42.0	58.5	0.2	15.2	556	47.3	1	0.1
91	274	...	400	218	35	99.0	59.7	32.1	...	8.8	91	25.8	19	1.2
152	610	...	268	77	51	99.0	35.5	38.3	...	19.0	505	28.1	12	0.7
779	2,191	80	2,006	1,072	99	91.4	56.2	61.2	3.2	4.9	2,159	40.5	54	1.0
94	649	4	668	146	18	98.0	22.5	38.6	0.6	2.7	988	47.8	60	2.9
996	2,782	4	1,236	173	81	95.6	15.0	44.9	0.1	6.5	2,292	34.8	84	1.3
445	1,649	93	438	219	50	96.5	56.4	30.4	5.1	11.4	1,458	28.8	35	0.6
172	382	...	352	202	...	95.7	57.4	48.0	...	...	508	41.4	15	1.2
370	1,705	17	393	307	11	99.9	80.3	39.8	1.0	3.0	1,907	37.7	18	0.3
315	720	31	1,419	233	527	97.0	26.1	48.8	4.0	37.1	496	21.4	12	0.6
177	839	...	131	61	13	97.1	43.2	27.9	...	9.9	466	28.5	11	0.7
185	1,027	12	199	66	44	98.0	42.6	35.3	1.1	22.1	986	31.9	5	0.2
619	1,586	22	433	404	17	100.0	97.1	43.4	1.4	3.9	3,131	68.3	27	0.6
148	647	14	396	70	29	98.5	19.6	31.3	2.2	7.5	505	22.1	15	0.7
102	675	13	107	103	4	99.2	100.0	34.1	1.9	3.7	638	27.7	18	0.8
283	1,757	...	4,200	2,179	331	99.8	56.2	81.7	...	7.9	1,679	39.6	12	0.2
198	536	37	674	102	96	97.6	17.6	51.2	5.7	14.2	288	22.7	...	...
80	891	38	88	12	5	98.3	14.4	49.2	4.0	5.7	619	38.7	16	0.9
282	491	...	212	99	1	97.0	47.0	32.3	...	0.5	445	24.4	19	1.0
50	188	...	7	7	...	99.0	100.0	45.5	...	...	238	55.6	1	0.2
705	2,247	39	168	68	47	98.5	56.2	38.1	1.7	28.0	1,717	28.2	65	1.1
279	1,197	...	188	81	45	99.5	56.6	45.8	...	23.9	1,048	37.6	26	0.9
2,960	17,488	375	59,928	18,402	11,907	99.9	40.9	68.1	2.0	20.9	20,209	38.5	378	0.7
2,324	8,983	172	11,100	8,773	194	97.3	80.4	127.7	1.8	1.7	13,780	99.2	228	1.6
747	2,583	32	821	589	115	98.5	83.4	58.9	1.2	14.0	2,962	41.9	29	0.5
126	639	2	46	31	2	98.0	70.4	31.0	0.3	4.3	640	29.5	16	0.7
586	1,912	7	1,086	877	61	99.7	85.6	63.5	0.4	6.0	2,353	51.3	25	0.6
173	876	6	174	118	22	99.0	77.6	34.7	0.7	12.6	930	32.5	13	0.8
245	606	6	173	112	2	87.4	65.5	39.6	0.8	1.1	546	30.2	11	0.6
266	554	18	367	224	49	97.2	70.4	68.8	3.0	13.3	392	34.6	...	...
1,981	3,661	8	564	445	24	99.3	82.4	76.0	0.2	4.2	3,068	67.9	72	1.3
408	1,054	34	1,752	480	420	99.2	34.5	42.2	3.1	23.9	892	24.8	36	1.0
479	901	94	2,998	1,284	464	93.0	50.7	153.0	9.0	15.5	478	33.6	2	0.1
165	817	...	616	267	45	97.1	46.7	55.7	...	7.3	1,087	55.8	16	0.8
198	398	65	445	82	86	95.2	22.8	38.0	13.4	19.3	285	19.5	...	...
711	1,450	4	251	182	13	97.3	76.5	35.0	0.3	5.2	1,485	31.1	28	0.6
439	1,876	...	410	227	...	99.8	55.4	46.2	...	...	2,172	47.7	68	1.8
148	602	15	102	49	26	93.5	64.5	31.5	2.7	25.5	418	23.8	9	0.5
403	1,104	11	400	150	19	92.1	39.4	67.0	0.9	4.7	584	31.2	4	0.2
159	437	1	399	278	...	91.8	60.7	48.9	0.2	...	476	82.5	...	...
163	807	...	152	152	...	99.9	100.0	58.2	...	...	849	51.5	28	1.7
52	298	10	28	6	7	99.6	37.5	25.6	3.2	30.4	201	17.7	15	1.8
343	708	20	25	5	...	85.6	20.0	44.8	2.4	...	452	28.4	2	0.1
1,950	3,246	16	3,492	1,487	462	96.5	49.1	88.0	0.6	13.2	2,206	41.0	24	0.4
406	1,231	1	359	167	...	99.1	46.5	51.0	0.1	...	655	24.2	24	0.9
738	2,688	...	40	13	...	99.9	32.5	50.7	...	...	2,298	48.9	83	1.6
59	499	...	45	35	...	100.0	77.8	36.1	...	...	431	29.5	1	0.1
377	872	9	49	44	...	99.2	89.8	39.6	1.0	...	861	87.2	14	0.6
486	1,411	28	128	73	23	99.0	69.5	47.6	1.9	18.0	792	25.4	...	...
154	365	10	36	15	5	85.1	48.4	33.6	2.8	14.0	174	15.4	22	1.9
413	2,312	...	897	805	...	98.8	89.7	52.0	...	...	2,112	36.3	33	0.6
902	874	1	524	157	20	95.2	81.1	37.4	0.1	3.8	1,000	36.3	70	2.5
218	841	2	36	17	5	98.4	54.8	36.9	0.2	18.9	695	25.6	3	0.1
789	2,005	79	626	547	46	98.0	94.3	47.4	3.7	7.3	2,170	40.4	58	1.0
1,475	4,102	36	2,177	1,850	59	98.8	87.1	49.4	0.8	2.4	5,548	46.1	69	0.6
153	581	1	81	31	28	99.4	58.5	32.2	0.2	34.6	442	25.4	6	0.3
184	592	3	88	53	8	98.7	70.7	89.6	0.5	9.6	537	33.1	11	0.7

A.—VACCINE

Statement No. I showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
70	Municipalities - cont.	Tiruppur ...	10,851	2,894	1	468	313	776	776	687	390
71		Tiruvalur ...	24,124	5,079	1	300	221	521	521	472	421
72		Tiruvannamalai ...	21,912	1,992	1	529	416	945	945	874	662
73		Tuticorin ...	44,522	24,734	2	1,050	915	1,965	983	1,520	939
74		Udumalpet ...	10,236	5,000	1	218	182	400	400	409	258
75		Vaniyambadi ...	20,090	5,740	1	442	391	833	833	807	587
76		Vellore ...	56,210	12,553	2	1,563	817	2,380	1,190	1,387	1,102
77		Villupuram ...	17,423	4,311	1	425	354	779	779	576	358
78		Virudhunagar ...	21,821	9,698	1	640	389	979	979	685	475
79		Vizagapatam ...	44,711	8,657	3	5,239	3,918	8,157	2,719	1,486	871
80		Vizianagaram ...	39,299	7,866	2	1,254	1,008	2,262	1,131	1,716	1,171
81		Walajapet ...	10,013	10,013	1	310	142	452	452	311	250
		Total of Municipalities.	3,028,859	...	179	146,033	89,084	235,117	1,313	120,304	76,877
1	Military Cantonments.	Bangalore ...	118,940	8,792	2	837	316	1,153	577	138	64
2		Secunderabad ...	95,124	5,006	6	3,262	4,948	8,210	1,368	4,235	2,896
		Total of Cantonments ...	214,064	6,599	8	4,099	5,264	9,363	1,170	4,373	2,960
		Total of Medical Subordinates ...	...	...	...	10,503	300	10,803	...	1,474	119
		Grand total ...	* 42,317,013	...	728 + 7†	1,052,455	348,419	1,900,874	† 2,572	1,573,030	652,157

* Excluding the populations of Bangalore and Secunderabad cantonments.

† Reserve vaccinators.

‡ In finding out the average number of persons vaccinated the total work of Medical Subordinates is excluded

§ Excluding the cantonments of Bangalore and Secunderabad.

NOTE.—(1) Difference between number of operations and number of persons vaccinated equals 133,084 which represents secondary operations.

(2) This statement does not include the statistics of dispensary vaccination which are exhibited separately in Statement No. III.

N.B.—In calculating the percentage of success shown in this statement and Statement No. III unknown cases have not been taken into account.

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

vaccination.			Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
Successful.			Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.		Primary vaccination.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
1 and under 6 years.	Total of all ages.	Unknown.												
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
228	664	10	84	75	...	96.8	89.3	68.1	1.4	...	440	40.6	15	1.4
37	466	...	52	22	24	98.7	78.6	20.2	...	46.1	478	19.8	10	0.4
168	885	...	73	39	1	99.0	54.2	41.2	...	1.4	859	38.7	7	0.3
378	1,421	13	514	223	85	94.3	52.0	36.9	0.8	16.5	2,050	46.1	23	0.6
125	889	1	25	8	4	95.8	38.0	38.8	0.2	16.0	283	25.5	16	1.6
215	784	15	26	26	...	99.0	100.0	40.3	1.8	...	731	36.4	7	0.3
252	1,384	2	1,014	425	373	99.9	66.3	35.6	0.01	36.7	1,901	37.8	19	0.4
165	671	...	2	9	56	99.1	27.0	36.0	...	...	463	26.6	7	0.4
187	662	7	294	168	15	97.6	60.2	38.0	1.0	5.1	608	27.8	37	1.7
403	1,381	12	6,678	2,616	1,170	93.7	47.5	39.4	0.8	17.5	1,190	26.6	20	0.4
310	1,648	36	643	256	68	93.0	44.5	48.4	2.1	10.6	2,140	54.5	17	0.4
42	807	...	142	20	...	98.7	14.1	32.6	...	...	315	31.5	...	...
33,715	115,688	1,713	119,126	53,760	17,519	97.5	53.9	55.9	1.4	14.7	127,691	42.1	2,556	0.8
62	126	...	1,015	677	...	91.3	66.7	6.7	...	...	992	10.4	67	0.6
1,044	4,149	33	4,144	999	86	98.7	24.3	54.1	0.8	0.9	5,952	50.0	8	0.1
1,106	4,275	33	5,159	1,676	36	98.5	32.7	27.8	0.7	0.7	6,944	32.4	75	0.3
106	1,267	35	10,365	5,807	450	88.0	58.6	...	2.4	4.3	...	...	...	...
625,883	1,367,311	127,193	460,928	175,078	86,241	94.6	44.4	\$ 38.1	8.1	14.4	\$ 1,066,218	\$ 24.9	\$ 21,894	\$ 0.5

SUMMARY OF STATEMENT NO. I.

	Total number of persons vaccinated.		Total number of operations performed.		Percentage of successful cases in which the results were known.		Average number of persons vaccinated by each vaccinator.	Number of children successfully vaccinated.		Ratio of successful vaccination per 1,000 of population.	Total cost of department.	Average cost of each successful case.
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.		Under one year.	One and under six years.			
By Special staff (statement No. I).	1,440,885	459,989	1,573,030	460,928	94.6	44.4	735	2,572	652,157	625,883	36.1	Rs. A. P. 5,50,254 5 5
By Dispensary staff (statement No. III).	2	37	2	37	100.0	75.7	...	...	1	1	...	...
By other agencies, if any	...	...	...	...	...	...	...	...	...	...	...	...
Total	1,440,887	460,026	1,573,032	460,965	94.6	44.4	735	2,572	652,158	625,884	36.1	* 5,50,254 5 5

* Exclusive of the pay and allowances of the Assistant Directors of Public Health.

A—VACCINE

Statement No. II showing the Cost of the Department

Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination).	Expenditure.									
				Pay.	Health Inspectors.			Vaccinators.			Peons, etc.		
					Number.	Pay.	First class.	Second class.	Probationers.	Pay.	Number.	Pay.	Total pay of establishment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Agency Districts.	Bhadrachallam ...	...	RS. A. P.	1	423 10 8	2	3	1	2,154 6 8	1	167 9 0	2,735 10 4
2		Polavaram ...	...	...	1	406 0 4	...	...	...	1,882 15 6	1	215 8 9	2,064 8 7
3		Total ...	...	...	2	889 11 0	2	6	1	3,587 6 2	2	373 1 9	4,800 2 11
4		Ganjām Hill Tracts, North.	...	...	1	627 4 4	8	8	8	8,154 8 9	1	178 8 0	8,958 5 1
5		DO. South.	...	...	1	575 5 4	2	1	2	1,069 9 0	1	168 0 0	1,812 14 4
6		Total ...	...	...	2	1,202 9 8	5	4	5	4,224 1 9	2	344 8 0	5,771 3 5
7		Gunupur ...	...	...	1	471 0 0	...	3	3	1,241 15 0	1	144 0 0	1,858 15 0
8		Hill Madugole ...	...	...	1	483 10 4	...	2	2	1,081 6 0	1	132 0 0	1,649 0 4
9		Jeypore ...	...	...	1	372 15 8	...	3	1	1,938 6 0	1	131 0 0	2,440 5 8
10	Vizapatnam.	Koraput ...	...	...	1	507 5 4	...	4	1	2,040 4 0	1	140 10 0	2,688 3 4
11		Nowrangpur ...	...	...	1	480 13 4	...	2	2	1,102 12 0	1	152 14 0	1,786 7 4
12		Total ...	...	...	5	2,317 12 8	2	14	9	7,352 11 0	5	700 8 0	10,370 15 8
13		Total of Agency districts ...	...	...	9	4,410 1 4	9	24	15	15,114 2 11	9	1,418 1 9	20,942 6 0
14	Anantapur.	Anantapur ...	...	...	1	251 0 0	...	1	1	830 0 6	1	144 0 0	1,225 0 6
15		Dharmavaram ...	...	...	1	407 5 4	...	1	1	557 18 0	1	144 0 0	1,109 2 4
16		Gooty ...	...	...	1	247 12 4	...	1	1	553 11 6	1	154 13 0	966 4 10
17		Hindupur ...	...	...	1	309 9 0	...	1	1	473 5 8	1	148 0 0	925 14 3
18		Kadiri ...	...	...	1	287 10 0	...	2	...	864 0 0	1	144 0 0	1,255 10 0
19		Kalyandrug ...	...	...	1	287 5 4	...	1	...	160 5 0	1	144 0 0	591 10 4
20		Mudakasira ...	...	...	1	283 2 8	...	1	...	473 5 3	1	144 0 0	880 7 11
21		Penukonda ...	...	...	1	500 3 9	...	1	...	472 10 3	1	144 0 0	1,116 14 0
22		Tadipatri ...	...	...	1	285 10 8	...	1	1	560 2 6	1	143 0 0	989 13 2
23	Arcoot (North).	Reserve Vaccinators	...	...	...	...	2	...	...	1,214 8 0	...	...	1,214 8 0
24		Total of district ...	...	...	9	2,799 11 1	12	6	6	6,169 13 3	9	1,804 13 0	10,274 5 4
25		Arkonam ...	...	...	1	386 0 0	...	1	...	713 12 0	1	144 0 0	1,193 12 0
26		Arni ...	...	...	1	427 9 8	...	1	...	829 4 0	1	144 0 0	1,400 13 8
27		Cheyyar ...	...	...	1	347 5 0	...	1	...	1,061 0 0	1	144 0 0	1,552 5 0
28		Gudiyattam ...	...	...	1	287 5 4	...	1	...	1,062 11 7	1	144 0 0	1,494 0 11
29		Polur ...	...	...	1	300 5 8	...	1	...	1,448 14 0	1	144 0 0	1,893 8 8
30		Ranipet ...	...	...	1	467 14 4	...	1	...	1,800 12 0	1	132 0 0	1,900 10 4
31		Tirupattur ...	...	...	1	277 8 8	...	1	...	1,678 9 0	1	144 0 0	2,100 1 8
32	Arcoot (South).	Tiruvannamalai	...	...	1	347 5 4	...	1	1	1,547 13 0	1	144 0 0	2,039 2 4
33		Vellore ...	...	...	1	517 0 0	...	1	1	1,069 7 0	1	149 12 0	1,736 3 0
34		Wandiwash ...	...	...	1	249 14 0	...	1	1	744 6 0	1	138 0 0	1,182 4 0
35		Reserve Vaccinators	...	...	...	...	1	...	...	540 0 0	...	...	540 0 0
36		Total of district ...	...	...	10	3,558 4 0	9	7	7	11,996 8 7	10	1,427 12 0	16,982 8 7
37		Chidambaram ...	...	...	1	251 12 8	...	1	...	707 3 0	1	144 0 0	1,102 15 8
38		Ouddalore ...	...	...	1	287 5 4	...	1	...	892 0 0	1	144 0 0	1,223 5 4
39		Gingee ...	...	...	1	480 0 0	...	1	1	639 0 0	1	144 0 0	1,268 0 0
40		Kallakurichi ...	...	...	1	558 3 0	...	1	1	824 2 5	1	144 0 0	1,524 5 5
41	Bellary.	Tindivanam ...	...	...	1	365 11 0	...	1	...	924 0 0	1	144 0 0	1,433 11 0
42		Tirukkoyilur ...	...	...	1	377 0 8	...	2	...	1,030 4 0	1	142 9 0	1,549 13 8
43		Tittagudi ...	...	...	1	288 0 0	...	1	...	335 0 0	1	144 0 0	767 0 0
44		Ulundurpet ...	...	...	1	387 0 0	...	1	1	664 14 0	1	132 0 0	1,183 14 0
45		Villupuram ...	...	...	1	272 12 4	...	1	1	750 0 0	1	144 0 0	1,166 12 4
46		Vridhachallam ...	...	...	1	324 5 4	...	1	...	882 0 0	1	144 0 0	1,100 5 4
47		Total of district ...	...	...	10	3,590 2 4	5	9	4	7,398 7 5	10	1,426 9 0	12,415 2 9
48		Adoni ...	...	...	1	375 12 8	...	1	...	942 10 0	1	144 0 0	1,463 5 8
49		Alur ...	...	...	1	336 0 0	...	1	...	668 0 0	1	144 0 0	1,148 0 0
50		Bellary ...	...	...	1	372 12 0	...	1	2	719 8 0	1	144 0 0	1,286 4 0
51	Bellary.	Hadagalli ...	...	...	1	371 1 4	...	1	...	813 0 0	1	144 0 0	828 1 4
52		Harpanahalli ...	...	...	1	294 10 8	...	1	1	877 1 0	1	139 5 0	801 0 8
53		Hospet ...	...	...	1	213 5 4	...	1	1	602 8 0	1	151 7 0	967 4 4
54		Kudligi ...	...	...	1	227 0 0	...	2	...	847 13 0	1	144 2 0	1,218 15 0
55		Rayadurg ...	...	...	1	384 12 8	...	1	...	530 2 8	1	144 0 0	1,068 14 11
56		Siruguppa ...	...	...	1	336 0 0	...	1	...	440 0 0	1	144 0 0	920 0 0
57		Total of district ...	...	...	9	2,901 6 8	1	10	4	5,441 10 8	9	1,298 14 0	9,641 14 11

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25.

Paid from										Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
Travelling allowance.	Contingencies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipal funds.	Total.				
15	16	17	18	19	20	21	22				
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
1,441 6 3 408 9 2	136 14 2 127 2 1	4,313 14 9 2,600 8 10	...	4,313 14 9 892 1 7	...	...	4,313 14 9 2,600 8 10	3,654 6,010	1 2 11 0 6 11		
1,849 15 5	264 0 3	6,914 2 7	...	5,206 0 4	1,708 2 3	...	6,914 2 7	9,684	0 11 5		
1,871 0 11 895 0 0	108 5 3 59 7 0	5,935 11 3 2,787 5 4	...	5,935 11 3 2,787 5 4	...	...	5,935 11 3 2,787 5 4	8,977 5 851	0 13 7 0 7 6		
2,786 0 11	165 12 3	8,673 0 7	...	8,673 0 7	...	...	8,673 0 7	12,828	0 10 10		
878 3 6 900 3 0 814 0 6 738 14 4 551 15 2	69 1 9 82 7 0 49 6 0 292 15 2 29 11 11	2,804 4 3 2,631 10 4 3,803 12 2 3,720 0 10 2,318 2 5	...	917 1 9 2,681 10 4 926 8 8 903 0 4 892 2 11	1,887 2 6 ...	...	2,804 4 3 2,631 10 4 3,803 12 2 3,720 0 10 2,318 2 5	7,677 4,792 6,409 10,222 7,557	0 5 10 0 6 9 0 8 3 0 5 10 0 4 11		
3,883 4 6	523 9 10	14,777 14 0	...	6,270 8 0	8,507 6 0	...	14,777 14 0	36,657	0 6 5		
8,469 4 10	953 6 4	30,365 1 2	...	20,149 8 11	10,215 8 3	...	30,365 1 2	59,149	0 8 3		
561 5 0 609 2 0 475 5 2 412 3 0 449 1 0 255 14 8 384 18 4 443 3 6 482 11 8 92 1 0	95 2 11 164 5 4 32 1 4 107 0 10 105 1 10 100 1 8 106 7 9 62 2 6 116 6 8 29 8 0	1,881 8 5 1,882 10 8 1,473 11 4 1,445 2 1 1,809 12 10 947 10 8 1,371 13 0 1,622 4 0 1,587 15 6 1,336 1 0	...	586 15 3 778 14 8 631 4 4 885 1 10 538 14 10 664 13 4 611 12 9 862 14 9 629 7 0	1,294 9 2 1,103 12 0 842 7 0 760 0 3 1,275 14 0 282 13 4 760 0 3 759 5 3 958 8 6 1,336 1 0	...	1,881 8 5 1,882 10 8 1,473 11 4 1,445 2 1 1,809 12 10 947 10 8 1,371 13 0 1,622 4 0 1,587 15 6 1,336 1 0	2,763 3,490 3,599 2,316 3,444 2,036 1,717 3,922 2,381	0 10 11 0 8 8 0 6 7 0 8 3 0 8 5 0 7 5 0 12 9 0 8 7 0 10 8		
4,155 12 4	918 7 10	15,358 9 6	...	5,985 2 9	9,873 6 9	...	15,358 9 6	25,268	0 9 8		
537 7 0 494 12 0 531 8 0 510 2 0 528 10 8 494 2 4 708 10 4 749 5 4 618 13 8 466 6 4 201 8 0	94 9 6 139 5 10 166 4 0 80 11 8 172 13 9 117 4 4 149 2 4 143 18 4 118 4 3 177 2 2 13 14 0	1,825 12 6 2,024 15 6 2,250 1 0 2,084 14 7 2,595 12 1 2,512 1 0 2,957 14 4 2,932 5 0 2,373 4 11 1,775 12 6 755 6 0	...	678 2 0 726 10 10 677 2 0 624 5 4 645 8 4 782 13 0 628 0 4 687 6 0 880 3 3 550 1 0	1,147 10 6 1,298 4 8 1,572 15 0 1,460 9 3 1,950 8 9 1,729 4 0 2,329 14 0 2,244 15 0 1,513 1 8 1,225 11 6 755 6 0	...	1,825 12 6 2,024 15 6 2,250 1 0 2,084 14 7 2,595 12 1 2,512 1 0 2,957 14 4 2,932 5 0 2,373 4 11 1,775 12 6 755 6 0	4,842 5,079 5,335 6,522 5,940 7,787 8,897 10,946 5,433 6,150	0 6 0 0 6 5 0 6 9 0 5 1 0 7 0 0 5 2 0 5 5 0 4 3 0 7 0 0 4 7		
5,741 5 8	1,864 5 2	24,088 8 5	...	6,559 15 1	17,228 4 4	...	24,088 8 5	66,731	0 5 9		
412 0 2 549 8 8 497 2 8 527 13 5 495 15 0 503 5 0 234 8 0 495 15 0 503 3 4 403 6 5	4 5 4 93 9 11 408 15 4 34 6 6 413 8 0 59 8 4 66 7 9 73 9 0 395 14 1 104 8 8	1,519 5 2 1,966 7 11 2,169 2 0 2,086 9 8 2,343 2 0 2,112 11 0 1,067 15 9 1,753 6 0 2,070 13 9 1,608 4 3	...	558 10 2 648 5 4 794 7 4 884 1 10 699 7 0 707 13 0 524 15 4 687 12 0 618 0 0 854 4 0	960 11 0 1,318 2 7 1,374 10 8 1,202 7 10 1,643 11 0 1,404 14 0 543 0 5 1,065 10 0 1,452 13 9 954 0 3	...	1,519 5 2 1,966 7 11 2,169 2 0 2,086 9 8 2,343 2 0 2,112 11 0 1,067 15 9 1,753 6 0 2,070 13 9 1,608 4 3	4,327 7,399 6,892 6,258 5,651 6,814 3,196 5,229 8,063 4,126	0 5 6 0 4 3 0 5 5 0 5 4 0 6 8 0 5 0 0 5 4 0 5 4 0 4 1 0 6 3		
4,627 14 0	1,654 12 9	18,697 13 6	...	6,777 12 0	11,920 1 6	...	18,697 13 6	57,464	0 5 2		
429 6 8 472 2 0 412 3 0 383 15 0 416 0 2 396 12 4 384 11 8 437 18 4 333 8 0	244 4 0 258 14 11 116 2 1 100 5 4 104 8 8 91 11 7 92 0 8 66 15 2 52 8 0	2,187 1 4 1,879 0 11 1,764 9 1 1,267 5 8 1,321 4 6 1,455 12 3 1,696 11 4 1,622 11 5 1,295 14 0	...	691 7 4 678 2 8 757 4 1 723 7 0 597 2 0 525 11 9 550 11 10 783 18 0 689 12 0	1,445 10 0 1,200 14 3 1,007 5 0 538 14 8 724 2 6 980 0 6 1,145 15 6 839 14 5 628 2 0	...	2,137 1 4 1,769 0 11 1,764 9 1 1,267 5 8 1,321 4 6 1,455 12 3 1,696 11 4 1,622 11 5 1,295 14 0	4,532 3,005 2,923 3,151 3,451 2,193 3,032 2,879 2,788	0 7 7 0 10 0 0 9 8 0 6 8 0 6 1 0 10 7 0 8 11 0 9 0 0 7 7		
3,671 8 2	1,127 15 5	14,441 6 6	...	5,982 7 8	8,458 14 5	...	14,441 6 6	27,904	0 8 3		

A.—VACCINE

Statement No. 11 showing the Cost of the Department

Number.	Districts.	Circles.	Assistant Director of Public Health (Vacation).	Expenditure.									
				Pay.	Health Inspectors.			Vaccinators.			Peons, etc.		
					Number.	Pay.	First class.	Second class.	Probationers.	Pay.	Number.	Pay.	Total pay of establishment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
				RS. A. P.		RS. A. P.				RS. A. P.		RS. A. P.	RS. A. P.
48	Chingleput	Chingleput ...	...	...	1	500 0 0	1	1	...	1,057 13 4	1	144 0 0	1,701 13 6
49		Conjeevaram ...	...	...	1	412 15 4	1	1	...	924 13 0	1	150 0 0	1,486 12 4
50		Madurantakam ...	...	...	1	397 9 4	1	1	...	1,301 4 0	1	144 0 0	1,842 13 4
51		Ponneri ...	...	...	1	301 0 0	1	1	...	1,257 7 0	1	144 0 0	1,702 7 0
52		Saidapet ...	...	...	1	532 1 0	1	1	...	984 2 0	1	144 3 0	1,660 6 0
53		Sriperumbudur ...	...	...	1	386 2 0	1	1	...	700 5 4	1	162 2 0	1,268 9 4
54		Tiravallur ...	...	...	1	247 11 6	1	1	...	897 10 0	1	144 0 0	1,289 5 6
		Total of district ...	...	...	7	2,787 7 2	6	5	3	7,125 6 10	7	1,038 5 0	10,951 3 0
55	Chittoor	Chandragiri ...	...	...	1	222 9 4	1	1	...	431 0 0	1	141 7 0	855 0 4
56		Chittoor ...	...	...	1	407 5 4	1	2	1	1,429 14 0	1	144 0 0	1,981 3 4
57		Kalahasti ...	...	...	1	250 13 4	1	1	...	370 13 0	1	144 0 0	765 10 4
58		Madanapalli ...	...	...	1	243 12 8	1	1	...	1,052 5 0	1	144 0 0	1,440 1 8
59		Palmaner and Punganoor ...	...	...	1	260 1 0	1	2	1	1,171 8 8	1	144 0 0	1,575 9 8
60		Puttur ...	...	...	1	310 0 0	1	1	...	876 9 0	1	144 0 0	1,380 9 0
61		Tiruttani ...	...	...	1	257 8 4	1	1	...	759 5 0	1	144 0 0	1,180 13 4
62		Voyalpad ...	...	...	1	250 13 4	1	1	...	677 11 0	1	144 0 0	1,072 8 4
		Total of district ...	...	...	8	2,262 15 4	3	10	4	6,769 1 8	8	1,149 7 0	10,181 8 0
63	Coimbatore	Avanashi ...	...	...	1	318 5 4	...	2	...	852 15 0	1	122 5 2	1,293 9 6
64		Bhavani ...	...	...	1	480 7 1	...	2	...	681 5 0	1	144 0 0	1,305 12 1
65		Coimbatore ...	...	...	1	470 13 4	1	1	1	1,187 15 0	1	144 0 0	1,782 12 4
66		Dharapuram ...	...	...	1	353 1 0	...	2	...	902 11 0	1	144 0 0	1,359 12 0
67		Erode ...	...	...	1	407 5 4	...	2	...	988 1 0	1	144 0 0	1,484 6 4
68		Gobichettipalayam ...	...	...	1	279 2 4	1	2	...	1,247 8 0	1	144 0 0	1,670 10 4
69		Kollegal ...	...	...	1	507 15 8	1	1	...	968 7 0	1	144 0 0	1,618 3 8
70		Perundurai ...	...	...	1	407 5 0	...	2	...	803 0 0	1	144 0 0	1,154 5 0
71		Pollachi ...	...	...	1	250 12 8	...	1	2	901 14 0	1	144 0 0	1,299 10 8
72		Tiruppur ...	...	...	1	518 5 4	1	2	...	1,178 7 4	1	144 3 0	1,838 12 8
73		Udumalpet ...	...	...	1	243 10 0	1	1	...	659 9 0	1	144 0 0	1,047 3 0
		Reserve vaccinators ...	...	...	1	...	1	1	...	1,397 10 3	...	...	1,397 10 3
		Total of district ...	...	...	11	4,287 3 1	6	19	3	11,460 6 7	11	1,562 5 2	17,289 14 10
74	Cuddalore	Badvel ...	...	...	1	304 5 0	...	1	1	653 2 8	1	144 0 0	1,101 7 6
75		Cuddalore ...	...	...	1	482 3 0	...	1	2	438 12 0	1	144 0 0	1,059 15 0
76		Jammalamadugu ...	...	...	1	251 11 4	...	2	...	488 7 0	1	144 0 0	879 2 4
77		Kamalapuram ...	...	...	1	609 11 0	...	1	1	635 2 0	1	144 0 0	1,388 13 0
78		Proddatur ...	...	...	1	302 11 8	...	1	...	474 8 0	1	144 0 0	921 3 8
79		Pulivendla ...	...	...	1	527 15 0	...	1	...	570 6 8	1	140 3 0	1,238 8 8
80		Rajampet ...	...	...	1	240 0 0	...	2	...	574 5 8	1	144 0 0	958 5 8
81		Rayachoti ...	...	...	1	262 9 0	...	2	...	842 13 0	1	144 0 0	1,249 6 0
82		Siddhout ...	...	...	1	251 7 8	...	1	1	441 14 6	1	152 0 0	845 6 2
		Total of district ...	...	...	9	3,232 9 8	...	7	10	5,109 7 4	9	1,300 3 0	9,642 4 0
83	Ganjam	Aska ...	...	...	1	258 4 0	...	2	1	997 9 10	1	144 0 0	1,399 13 10
84		Berhampur ...	...	...	1	526 11 0	...	2	1	1,048 15 1	1	144 0 0	1,719 10 1
85		Chatrapur ...	...	...	1	274 12 0	...	1	2	958 2 4	1	182 0 0	1,862 14 4
86		Chitacole ...	...	...	1	217 0 0	...	2	1	870 0 0	1	144 0 0	1,261 0 0
87		Gumsur ...	...	...	1	297 5 4	...	2	...	719 11 1	1	181 10 8	1,198 10 8
88		Hiramandalam ...	...	...	1	244 0 0	...	2	1	773 12 0	1	187 1 0	1,164 13 0
89		Parlakimedi ...	...	...	1	276 2 8	...	2	1	755 15 0	1	105 15 0	1,138 0 8
90		Purnashottapur ...	...	...	1	223 0 0	...	3	...	1,170 0 0	1	144 0 0	1,537 0 0
91		Sompeta ...	...	...	1	270 9 0	1	1	1	1,300 4 9	1	181 0 0	1,751 13 9
92		Surada ...	...	...	1	231 5 0	...	2	...	785 9 8	1	144 0 0	1,140 14 8
93		Tekkali ...	...	...	1	310 10 8	1	1	1	1,071 4 0	1	122 12 0	1,504 10 8
		Total of district ...	...	...	11	3,159 11 8	2	20	9	10,429 3 9	11	1,580 6 3	15,169 5 8

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25—cont.

Paid from										Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
Travelling allowance.	Contingencies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipal funds.	Total.				
15	16	17	18	19	20	21	22	23	24		
RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
507 4 8	78 3 0	2,287 5 2	...	718 7 0	1,568 14 2	...	2,287 5 2	7,308	0 5 0		
509 7 8	84 2 10	2,179 6 10	...	767 6 8	1,412 0 2	...	2,179 6 10	7,150	0 4 10		
558 10 0	123 9 6	2,525 0 10	...	740 12 8	1,784 4 2	...	2,525 0 10	8,155	0 4 11		
520 1 0	74 13 6	2,297 5 6	...	574 9 0	1,722 12 6	...	2,297 5 6	8,253	0 4 5		
493 5 8	26 3 4	2,179 15 0	...	859 8 0	1,320 7 0	...	2,179 15 0	6,285	0 5 7		
712 3 8	74 14 6	2,045 11 6	...	941 4 6	1,104 7 0	...	2,045 11 6	5,639	0 5 10		
491 11 4	74 6 3	1,855 7 1	...	517 10 0	1,337 13 1	...	1,855 7 1	6,143	0 4 10		
3,892 12 0	536 4 11	15,370 3 11	...	5,119 9 10	10,250 10 1	...	15,370 3 11	48,933	0 5 0		
310 14 0	73 2 4	1,239 0 8	...	629 13 8	609 8 0	...	1,239 0 8	3,818	0 5 2		
753 6 0	190 1 6	2,924 10 10	...	806 8 10	2,118 2 0	...	2,924 10 10	7,815	0 6 0		
314 8 8	63 0 4	1,143 3 4	...	588 6 4	554 13 0	...	1,143 3 4	3,402	0 5 5		
495 7 8	130 8 11	2,066 2 3	...	600 4 6	1,465 13 9	...	2,066 2 3	5,597	0 5 11		
588 4 4	183 4 1	2,347 2 1	...	588 8 8	1,760 9 5	...	2,347 2 1	4,683	0 8 0		
488 7 0	98 10 7	1,895 10 7	...	648 9 7	1,247 1 0	...	1,895 10 7	5,673	0 5 4		
475 14 8	131 5 10	1,768 1 10	...	646 5 10	1,121 12 0	...	1,768 1 10	5,889	0 4 9		
510 5 4	83 11 10	1,666 9 6	...	597 7 8	1,069 2 0	...	1,666 9 6	4,787	0 5 7		
3,917 3 8	951 13 5	15,050 9 1	...	5,104 0 11	9,946 8 2	...	15,050 9 1	41,764	0 5 9		
512 7 0	106 7 3	1,912 7 9	...	636 10 6	1,275 13 3	...	1,912 7 9	6,794	0 4 6		
432 5 4	133 12 0	1,871 13 5	...	743 6 1	1,128 7 4	...	1,871 13 5	5,541	0 5 5		
706 0 0	119 3 7	2,607 15 11	...	816 3 8	1,791 12 3	...	2,607 15 11	7,389	0 5 8		
613 13 8	132 3 7	2,145 13 3	...	719 14 0	1,425 15 3	...	2,145 13 3	7,222	0 4 10		
657 6 8	101 10 0	2,213 7 0	...	836 11 0	1,406 12 0	...	2,243 7 0	6,926	0 5 2		
764 1 8	205 13 8	2,640 9 8	...	644 5 8	1,996 4 0	...	2,640 9 8	6,615	0 6 5		
614 12 0	144 2 8	2,377 5 4	...	954 8 4	1,422 13 0	...	2,377 5 4	2,777	0 13 8		
536 5 0	189 8 10	1,879 2 10	...	828 14 8	1,050 4 2	...	1,879 2 10	6,307	0 4 1		
583 5 10	125 8 5	2,005 9 11	...	589 12 8	1,415 13 3	...	2,005 9 11	7,623	0 4 2		
682 12 4	111 14 2	2,633 7 2	...	874 7 4	1,758 15 10	...	2,633 7 2	11,492	0 3 8		
381 6 2	115 1 11	1,543 11 1	...	539 0 0	1,004 11 1	...	1,543 11 1	5,481	0 4 6		
66 8 0	156 12 11	1,620 15 2	...	...	1,620 15 2	...	1,620 15 2	...	...		
6,551 3 8	1,641 4 0	25,482 6 6	...	8,783 13 11	17,298 8 7	...	25,482 6 6	74,167	0 5 6		
310 5 8	107 11 4	1,519 8 6	...	619 6 0	900 2 6	...	1,519 8 6	1,932	0 12 7		
253 6 3	65 10 4	1,378 15 9	...	772 8 10	606 6 11	...	1,378 15 9	2,410	0 9 2		
316 7 4	38 12 5	1,234 6 1	...	558 15 1	677 7 0	...	1,234 6 1	3,628	0 5 5		
377 12 10	60 4 7	1,828 14 5	...	943 9 3	883 5 2	...	1,828 14 5	3,714	0 7 10		
242 15 4	61 1 3	1,225 4 3	...	901 9 6	623 10 9	...	1,225 4 3	2,100	0 9 4		
335 7 8	52 0 6	1,626 0 10	...	884 11 2	741 5 8	...	1,626 0 10	2,730	0 9 6		
350 0 4	75 11 9	1,384 1 9	...	552 2 7	831 15 2	...	1,384 1 9	3,303	0 6 8		
391 1 4	134 1 3	1,774 8 7	...	609 2 0	1,165 6 7	...	1,774 8 7	3,923	0 7 3		
372 5 0	135 11 1	1,353 6 3	...	625 10 9	727 11 6	...	1,353 6 3	3,342	0 6 6		
2,649 13 11	731 0 8	13,323 2 5	...	6,165 11 2	7,157 7 3	...	13,323 2 5	27,082	0 7 10		
686 8 8	115 2 8	2,201 9 2	...	569 15 0	1,631 10 2	...	2,201 9 2	5,405	0 6 6		
713 12 8	31 1 0	2,461 7 9	...	881 13 4	1,582 10 5	...	2,464 7 9	5,184	0 7 8		
507 1 0	40 14 4	1,910 13 8	...	554 15 8	1,355 14 0	...	1,910 13 8	6,274	0 4 10		
715 14 8	52 6 0	2,029 4 8	...	534 14 8	1,494 6 0	...	2,029 4 8	5,205	0 4 2		
541 1 7	87 5 0	1,827 1 3	...	682 15 7	1,144 1 8	...	1,827 1 3	3,650	0 8 0		
685 1 6	88 1 8	1,908 0 2	...	670 14 2	1,237 2 0	...	1,908 0 2	5,041	0 6 1		
548 1 2	55 8 4	1,736 10 2	...	498 6 2	1,288 4 6	...	1,736 10 2	4,550	0 6 1		
553 8 4	33 2 5	2,123 5 9	...	531 9 2	1,591 12 7	...	2,123 5 9	5,754	0 5 10		
686 6 3	44 10 7	2,452 13 7	...	628 15 2	1,853 14 5	...	2,482 13 7	5,387	0 7 4		
548 6 11	207 12 2	1,882 1 9	...	491 13 11	1,400 3 10	...	1,882 1 9	3,894	0 7 9		
728 11 0	66 5 8	2,299 11 4	...	584 0 4	1,715 11 0	...	2,299 11 4	5,377	0 6 10		
6,884 3 9	822 5 10	22,875 15 3	...	6,680 5 2	16,245 10 1	...	22,875 15 3	55,671	0 6 6		

A.—VACCINE

Statement No. II showing the Cost of the Department

Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination).	Expenditure.									
				Pay.	Health Inspectors.			Vaccinators.			Peons, etc.		
					Number.	Pay.	First class.	Second class.	Probationers.	Pay.	Number.	Pay.	Total pay of establishment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
				RS. A. P.		RS. A. P.				RS. A. P.		RS. A. P.	RS. A. P.
94	Godevari.	Alampur	...	...	1	407 5 4	...	1	1	699 3 0	1	144 0 0	1,250 8 4
95		Amalapuram	...	...	1	346 14 8	...	2	...	1,019 11 5	1	144 0 0	1,510 10 1
96		Cocanada (Local Fund)	...	...	1	229 3 8	1	1	1	1,107 0 0	1	238 0 0	1,574 3 8
97		Kottapeta	...	...	1	364 5 4	...	2	...	525 0 0	1	144 0 0	1,083 5 4
98		Peddapuram	...	...	1	340 7 0	1	...	1	823 2 3	1	144 0 0	1,307 9 3
99		Pithapuram	...	...	1	339 1 4	...	1	1	982 9 4	1	158 0 0	1,439 10 8
100		Rajahmundry	...	...	1	389 6 0	1	1	...	901 6 4	1	144 0 0	1,434 12 4
101		Ramaobandrapuram	...	...	1	498 5 4	1	1	...	613 14 7	1	144 0 0	1,256 3 11
		Razole	...	...	1	236 6 8	1	1	...	698 0 0	1	142 18 0	1,077 3 8
		Total of district	...	...	9	3,151 7 4	5	8	6	7,319 14 11	9	1,402 18 0	11,874 3 3
102	Guntur.	Bapatla	...	...	1	314 3 4	...	2	1	1,848 15 0	1	144 0 0	1,786 2 4
103		Guntur	...	...	1	497 4 4	...	1	1	697 8 0	1	144 0 0	1,388 12 4
104		Gurzala	...	...	1	287 5 4	...	2	1	981 0 0	1	144 0 0	1,412 5 4
105		Narasaraopet	...	...	1	310 15 4	...	1	2	1,608 12 0	1	143 8 0	2,193 3 4
106		Ongole	...	...	1	251 0 0	1	2	1	1,153 12 0	1	144 0 0	1,548 12 0
107		Repalli	...	...	1	461 10 0	...	1	1	792 4 0	1	139 1 0	1,392 15 0
108		Sattenapalle	...	...	1	250 12 4	1	2	...	1,226 0 0	1	144 0 0	1,620 12 4
109		Tenali	...	...	1	367 5 4	1	3	...	958 3 3	1	143 4 0	1,468 12 7
110		Vinukonda	...	...	1	243 11 4	...	2	...	842 11 0	1	144 0 0	1,080 6 4
		Total of district	...	...	9	2,984 3 4	3	14	9	9,448 1 3	9	1,289 13 0	13,722 1 7
111	Kistna.	Bandar	...	...	1	347 5 4	...	1	...	468 12 0	1	144 0 0	960 1 4
112		Bezwada	...	...	1	522 10 8	1	1	1	1,348 10 0	1	204 0 0	2,075 4 8
113		Bhimavaram	...	...	1	342 12 0	...	1	1	659 7 0	1	124 10 0	1,126 13 0
114		Divi	...	...	1	252 1 0	1	1	...	861 13 0	1	126 12 0	1,240 10 0
115		Ellore	...	...	1	287 0 0	1	...	1	711 8 0	1	108 0 0	1,106 8 0
116		Gudivada	...	...	1	349 10 0	1	2	1	1,283 3 0	1	195 7 0	1,828 4 0
117		Kovvur	...	...	1	365 10 8	...	2	...	726 0 0	1	150 0 0	1,241 10 8
118		Nandigama	...	...	1	253 1 0	...	2	...	708 1 0	1	144 0 0	1,103 2 0
119		Narasapur	...	...	1	411 5 4	1	...	1	862 2 0	1	97 10 0	1,371 1 4
120		Nuzvid	...	...	1	260 0 0	1	...	1	613 8 0	1	132 0 0	1,005 8 0
		Tanuku (Local Fund)	...	...	1	200 0 0	1	2	1	1,458 4 0	1	144 0 0	1,802 4 0
		Total of district	...	...	11	3,591 8 0	7	12	7	9,699 4 0	11	1,570 7 0	14,861 3 0
121	Kurnool.	Dhone	...	...	1	345 11 8	...	2	...	672 12 0	1	143 4 0	1,161 11 8
122		Giddalore	...	...	1	287 5 4	...	2	...	796 5 0	1	144 0 0	1,227 10 4
123		Koilkuntla	...	...	1	266 0 0	...	2	...	735 2 0	1	144 0 0	1,145 2 0
124		Kurnool	...	...	1	532 4 4	...	2	...	1,030 0 0	1	162 3 0	1,714 7 4
125		Markapur	...	...	1	383 10 8	...	2	...	924 5 0	1	144 0 0	1,451 15 8
126		Nandikotkur	...	...	1	287 5 4	...	2	...	794 8 0	1	141 0 0	1,325 13 4
127		Nandyal	...	...	1	302 12 0	...	1	...	860 0 0	1	142 8 0	805 4 0
128		Pattikonda	...	...	1	301 6 0	...	2	...	586 7 0	1	144 0 0	1,031 13 0
129		Sirvel	...	...	1	255 0 0	...	2	...	650 0 0	1	107 8 0	1,012 8 0
		Total of district	...	...	9	2,961 7 4	...	17	...	6,549 7 0	9	1,265 7 0	10,776 5 4
130	Madura.	Dindigul	...	...	1	391 11 0	1	...	1	1,285 8 0	1	132 0 0	1,809 3 0
131		Kodaikanal	...	...	1	363 4 0	...	1	...	588 8 0	1	168 0 0	1,119 12 0
132		Madura	...	...	1	287 12 4	1	1	...	761 3 3	1	136 7 8	1,165 7 8
133		Melur	...	...	1	279 5 8	1	1	...	1,101 1 4	1	116 6 0	1,493 13 0
134		Nilakkottai	...	...	1	252 0 0	1	1	...	1,633 10 0	1	144 0 0	1,929 10 0
135		Palni	...	...	1	383 6 0	1	...	1	1,266 15 0	1	139 13 0	1,790 1 0
136		Periyakulam	...	...	1	423 2 4	2	1	1	1,831 15 0	1	144 0 0	2,399 1 4
137		Tirumangalam	...	...	1	508 7 4	1	1	1	1,588 14 0	1	180 15 0	2,233 4 4
138		Vedasandur	...	...	1	310 15 0	1	1	...	901 1 0	1	156 0 0	1,368 0 0
		Total of district	...	...	9	3,174 15 8	9	7	4	10,858 11 7	9	1,267 8 8	15,301 3 11

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25—cont.

Travelling allowance.	Contingen- cies.	Total cost.	Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
			18	19	20	21	22	23	24
15	16	17	18	19	20	21	22	23	24
RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
376 9 8	62 7 3	1,689 9 3	...	715 3 8	974 5 7	...	1,689 9 3	5,256	0 5 2
491 13 8	58 5 8	2,060 13 3	...	651 4 9	1,409 8 6	...	2,060 13 3	5,329	0 6 2
551 0 6	92 4 5	2,217 8 7	...	...	2,217 8 7	...	2,217 8 7	6,355	0 5 7
498 1 4	35 0 6	1,536 7 2	...	699 4 5	867 2 9	...	1,566 7 2	5,847	0 4 3
533 7 10	36 10 6	1,877 11 7	...	651 15 0	1,225 12 7	...	1,877 11 7	6,061	0 4 11
533 1 3	56 1 7	2,018 13 6	...	569 2 6	1,449 11 0	...	2,018 13 6	5,540	0 5 10
526 10 0	64 7 0	2,025 13 4	...	727 11 4	1,298 2 0	...	2,025 13 4	5,445	0 5 11
410 11 8	85 7 2	1,752 6 9	...	895 12 0	946 10 9	...	1,752 6 9	5,318	0 5 3
486 13 4	20 4 4	1,534 5 4	...	524 4 4	1,010 1 0	...	1,534 5 4	5,700	0 4 4
4,358 5 3	511 0 3	16,743 8 9	...	5,344 10 0	11,398 14 9	...	16,743 8 9	50,849	0 5 3
707 14 0	121 8 4	2,615 8 8	...	621 6 8	1,994 2 0	...	2,615 8 8	10,481	0 4 0
460 15 8	30 11 5	1,830 7 5	...	778 1 5	1,052 6 0	...	1,830 7 5	7,735	0 3 9
572 15 4	153 12 8	2,139 1 4	...	565 14 4	1,573 3 0	...	2,139 1 4	7,203	0 4 9
984 14 8	208 9 6	3,316 11 6	...	599 9 6	2,717 2 0	...	3,316 11 6	6,833	0 7 9
398 0 4	35 6 0	1,982 2 4	...	533 6 4	1,448 12 0	...	1,982 2 4	11,612	0 2 8
350 8 8	114 13 8	1,858 5 4	...	724 0 4	1,134 5 0	...	1,858 5 4	5,293	0 5 8
612 5 8	57 12 10	2,290 14 10	...	540 6 4	1,750 8 6	...	2,290 14 10	9,432	0 3 10
423 5 1	39 8 6	1,931 10 2	...	645 3 10	1,286 6 4	...	1,931 10 2	10,635	0 2 11
464 12 4	34 6 8	1,529 9 4	...	526 13 4	1,002 12 0	...	1,529 9 4	4,106	0 5 11
4,975 11 9	796 9 7	19,494 6 11	...	5,534 14 1	13,959 8 10	...	19,494 6 11	73,240	0 4 3
314 13 0	19 11 4	1,294 9 8	...	646 5 8	648 4 0	...	1,294 9 8	3,295	0 6 3
799 2 0	62 11 0	2,937 1 8	...	1,020 12 8	1,916 5 0	...	2,937 1 8	6,568	0 6 10
510 12 8	42 15 3	1,680 8 11	...	645 1 11	1,035 7 0	...	1,680 8 11	6,684	0 4 0
489 0 8	40 9 10	1,764 4 6	...	525 4 6	1,239 0 0	...	1,764 4 6	4,806	0 5 10
490 7 8	26 1 7	1,623 1 3	...	502 8 11	1,120 8 4	...	1,623 1 3	5,448	0 4 9
777 0 0	38 2 2	2,643 6 2	...	753 15 2	1,889 7 0	...	2,643 6 2	9,730	0 4 4
560 6 4	22 0 11	1,824 1 11	...	718 4 11	1,105 13 0	...	1,824 1 11	5,829	0 5 0
481 14 8	40 7 4	1,625 8 0	...	588 15 0	1,036 9 0	...	1,625 8 0	4,816	0 5 5
559 11 0	18 5 4	1,949 1 8	...	652 13 8	1,296 4 0	...	1,949 1 8	6,196	0 5 0
403 0 4	33 0 4	1,441 8 8	...	544 13 8	896 11 0	...	1,441 8 8	6,218	0 3 8
888 0 0	29 2 0	2,669 6 0	...	...	2,669 6 0	...	2,669 6 0	9,163	0 4 8
6,218 4 4	373 3 1	21,452 10 5	...	6,599 1 0	14,853 10 4	...	21,452 10 5	69,043	0 5 0
413 4 0	115 10 0	1,690 9 8	...	710 1 0	980 8 8	...	1,690 9 8	4,097	0 6 7
212 4 8	94 11 9	1,534 10 9	...	657 14 3	876 12 6	...	1,534 10 9	3,352	0 7 4
179 1 4	112 13 0	1,437 0 4	...	810 7 4	826 9 0	...	1,437 0 4	2,564	0 9 0
146 6 8	102 7 10	1,963 5 10	...	888 4 6	1,095 1 4	...	1,963 5 10	3,875	0 8 1
226 4 4	100 8 3	1,778 12 3	...	729 15 4	1,048 12 11	...	1,778 12 3	4,222	0 6 9
861 15 4	78 9 2	1,666 5 10	...	616 0 10	1,050 5 0	...	1,666 5 10	3,215	0 8 4
241 2 8	107 14 8	1,154 5 4	...	599 1 4	555 4 0	...	1,154 5 4	1,767	0 10 5
395 10 0	108 3 3	1,635 10 3	...	615 12 0	919 14 3	...	1,635 10 3	4,417	0 5 7

A.—VACCINE

Statement No. 11 showing the Cost of the Department

Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination).	Expenditure.									
				Pay.	Health Inspectors.			Vaccinators.			Peons, etc.		
					Number.	Pay.	First class.	Second class.	Probationers.	Pay.	Number.	Pay.	Total pay of establishment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
				RS. A. P.		RS. A. P.				RS. A. P.		RS. A. P.	RS. A. P.
139		Alattur ...		...	1	240 0 0	1	...	1	629 11 6	1	144 0 0	1,013 11 6
140		Badagara ...		...	1	328 8 8	...	2	...	720 0 0	1	144 0 0	1,192 8 8
141		Calicut ...		...	1	301 0 0	1	...	1	764 0 0	1	152 5 0	1,217 5 0
142		Chirakkal ...		...	1	286 13 0	...	3	...	924 6 0	1	142 8 0	1,353 11 0
143		Chowghat ...		...	1	348 0 0	...	1	1	606 8 0	1	142 7 0	1,096 15 0
144		Manjeri ...		...	1	284 10 8	...	2	...	805 0 0	1	144 0 0	1,033 10 8
145		Ottapalem ...		...	1	372 0 0	...	2	...	702 5 0	1	144 0 0	1,218 5 0
146		Palghat ...		...	1	835 13 4	...	2	...	837 8 0	1	144 0 0	1,517 5 4
147		Perintalmanna ...		...	1	352 8 8	1	...	1	681 11 0	1	144 0 0	1,178 3 8
148		Ponnani ...		...	1	240 0 0	...	2	...	744 6 0	1	144 0 0	1,128 6 0
149		Quilandi ...		...	1	311 12 0	...	2	...	646 0 0	1	144 0 0	1,101 12 0
150		Tellicherry ...		...	1	500 0 0	1	1	1	1,010 14 2	1	144 0 0	1,654 14 2
151		Tirur ...		...	1	430 0 0	1	1	...	1,104 0 0	1	144 0 0	1,728 0 0
152		Tirurangadi ...		...	1	270 10 4	...	2	...	723 0 0	1	144 0 0	1,137 10 4
153		Wynaad ...		...	1	424 14 0	...	3	...	1,268 0 0	1	196 15 0	1,859 13 0
...		Reserve Vaccinators		...	...	...	1	1	...	1,236 0 0	...	...	1,236 0 0
		Total of district		...	15	6,576 10 8	6	25	4	13,203 5 8	15	2,218 3 0	20,898 3 4
154		Atmakur ...		...	1	488 5 4	1	1	...	594 8 8	1	138 13 0	1,221 11 0
155		Darsi ...		...	1	200 0 0	...	1	...	234 3 1	1	144 0 0	578 3 1
156		Gudur ...		...	1	287 5 4	1	...	1	807 1 0	1	144 0 0	1,238 6 4
157		Kandukur ...		...	1	288 5 4	...	3	...	958 6 0	1	144 0 0	1,390 11 4
158		Kanigiri ...		...	1	347 5 4	...	3	...	667 8 0	1	144 0 0	1,158 13 4
159		Kavali ...		...	1	359 5 4	...	2	...	729 7 9	1	144 0 0	1,272 13 1
160		Kovvur ...		...	1	357 11 4	...	2	...	849 3 2	1	144 0 0	1,350 14 6
161		Nellore ...		...	1	403 5 8	...	2	...	637 4 0	1	142 0 0	1,182 9 8
162		Podili ...		...	1	377 7 0	...	1	...	532 8 0	1	144 0 0	1,053 15 0
163		Rapur ...		...	1	178 10 8	...	1	...	421 6 0	1	144 0 0	744 0 8
164		Udayagiri ...		...	1	214 15 0	...	2	...	711 1 0	1	144 0 0	1,070 0 0
165		Venkatagiri ...		...	1	215 5 4	...	2	...	732 12 10	1	144 0 0	1,092 2 2
		Total of district		...	12	8,758 1 8	2	20	...	7,875 5 6	12	1,720 13 0	13,354 4 3
166		The Nilgiris ...		...	1	370 4 4	3	1	...	1,735 4 0	1	168 0 0	2,273 8 4
		Total of district		...	1	370 4 4	3	1	...	1,735 4 0	1	168 0 0	2,273 8 4
166		Aruppukottai ...		...	1	578 5 4	2	1	...	1,314 4 0	1	144 0 0	2,036 9 4
167		Mudukulattur ...		...	1	260 0 0	...	2	...	844 9 0	1	144 0 0	1,238 9 0
168		Ramnad ...		...	1	508 0 8	2	...	1	1,111 10 0	1	144 0 0	1,768 10 8
169		Sattur ...		...	1	250 10 8	1	1	1	1,232 13 2	1	143 15 10	1,627 7 8
170		Sivaganga ...		...	1	501 6 4	1	1	1	1,227 7 6	1	144 0 0	1,872 18 10
171		Srivillipattur ...		...	1	264 5 4	...	1	1	864 5 7	1	91 6 0	1,220 0 11
172		Tirupattur ...		...	1	343 8 4	1	1	1	1,031 4 9	1	143 10 0	1,558 7 1
173		Tiruvadanai ...		...	1	265 6 8	1	2	...	1,223 2 5	1	145 3 0	1,633 12 1
		Total of district		...	8	3,061 11 4	8	9	5	8,883 8 5	8	1,100 2 10	12,946 6 7
174		Atur ...		...	1	240 0 0	...	2	...	528 0 0	1	144 0 0	912 0 0
175		Dharmapuri ...		...	1	287 5 4	...	1	2	987 14 8	1	155 8 0	1,440 12 0
176		Harur ...		...	1	258 2 4	...	2	...	498 3 1	1	144 0 0	900 5 5
177		Hosur ...		...	1	484 7 0	...	3	...	729 1 9	1	168 0 0	1,381 8 9
178		Krishnagiri ...		...	1	278 14 4	...	3	...	868 6 0	1	144 0 0	1,291 4 4
179		Namakkal ...		...	1	386 5 4	...	2	1	1,062 2 0	1	144 0 0	1,592 7 4
180		Omair ...		...	1	376 8 8	...	1	1	879 6 0	1	144 0 0	1,394 14 8
181		Rasipuram ...		...	1	425 11 4	...	2	...	656 3 0	1	144 0 0	1,225 14 4
182		Salem ...		...	1	347 3 7	...	2	...	813 0 0	1	144 0 0	1,404 3 7
183		Sankari ...		...	1	357 0 0	...	2	...	805 6 0	1	144 0 0	1,306 6 0
		Total of district		...	10	3,441 9 11	2	4	19	7,937 10 6	10	1,475 8 0	12,854 12 5
184		Coondapur ...		...	1	285 0 0	...	2	...	786 2 8	1	144 0 0	1,215 2 9
185		Karkal ...		...	1	347 5 4	...	1	1	572 0 0	1	144 0 0	1,063 5 4
186		Kasargod ...		...	1	256 6 8	...	1	2	1,140 15 0	1	140 8 0	1,537 13 8
187		Manjeri ...		...	1	407 5 4	1	1	1	1,147 5 10	1	154 1 0	1,708 12 2

* Local Fund.

DEPARTMENT—cont.

in the Madras Presidency for the official year 1294-25—cont.

Paid from										Number of all successful primary vaccination and revaccination.	Average cost of each successful case.
Travelling allowance.	Contingen- cies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipal funds.	Total.				
15	16	17	18	19	20	21	22				
RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.				
489 9 6	107 14 6	1,611 3 6	...	612 14 6	998 5 0	...	1,611 3 6	7,314	0 3 6		
498 13 4	108 13 4	1,761 3 4	...	683 5 4	1,077 14 0	...	1,761 3 4	5,879	0 4 9		
593 1 4	108 11 4	1,919 1 8	...	729 12 8	1,189 5 0	...	1,919 1 8	7,989	0 3 10		
782 7 0	160 15 8	2,297 1 8	...	723 11 8	1,573 6 0	...	2,297 1 8	11,941	0 3 1		
661 1 8	119 10 7	1,877 11 3	...	727 5 0	1,150 6 3	...	1,877 11 3	8,140	0 3 8		
592 7 8	226 13 8	1,853 0 0	...	704 0 0	1,149 0 0	...	1,853 0 0	6,948	0 4 3		
573 6 8	219 0 6	2,010 12 2	...	795 7 8	1,215 4 6	...	2,010 12 2	7,528	0 4 3		
593 8 0	98 1 0	2,508 14 4	...	1,237 6 4	1,271 8 0	...	2,508 14 4	8,270	0 4 10		
575 7 0	202 0 8	1,955 11 4	...	750 15 4	1,204 12 0	...	1,955 11 4	6,797	0 4 7		
635 0 8	89 6 1	1,862 12 9	...	603 0 6	1,259 12 3	...	1,862 12 9	7,302	0 4 0		
659 12 0	54 10 4	1,816 2 4	...	786 2 4	1,030 0 0	...	1,816 2 4	6,778	0 4 3		
707 3 6	157 11 4	2,519 13 0	...	882 3 0	1,637 10 0	...	2,519 13 0	9,099	0 4 5		
805 8 4	135 4 2	2,668 12 6	...	959 9 6	1,709 3 0	...	2,668 12 6	8,089	0 5 8		
654 3 4	69 7 6	1,861 5 2	...	735 1 2	1,125 4 0	...	1,861 5 2	6,179	0 4 10		
931 3 9	127 5 7	2,948 6 4	...	979 1 5	1,569 4 11	...	2,948 6 4	4,206	0 11 3		
85 0 0	41 0 0	1,312 0 0	...	...	1,312 0 0	...	1,312 0 0	...	...		
9,787 13 9	1,997 14 3	32,783 15 4	...	11,911 0 5	20,872 14 11	...	32,783 15 4	112,544	0 4 8		
356 6 3	95 6 2	1,673 7 5	...	771 7 2	900 0 3	...	1,673 7 5	3,554	0 7 6		
234 3 2	46 14 3	859 4 6	...	859 4 6	...	...	859 4 6	2,607	0 5 3		
440 15 10	133 13 3	1,813 3 5	...	600 15 7	1,212 3 10	...	1,813 3 5	3,017	0 8 0		
505 5 8	86 4 11	1,982 5 11	...	607 14 11	1,374 7 0	...	1,982 5 11	5,916	0 5 4		
376 12 4	55 14 5	1,591 8 1	...	665 10 1	925 14 0	...	1,591 8 1	4,269	0 5 11		
449 0 5	119 0 11	1,840 14 5	...	754 8 10	1,086 5 7	...	1,840 14 5	4,264	0 6 11		
488 10 10	69 5 3	1,903 14 7	...	710 13 6	1,198 1 1	...	1,903 14 7	3,920	0 7 9		
430 15 8	25 7 3	1,639 0 7	...	727 4 7	911 12 0	...	1,639 0 7	4,411	0 5 11		
298 12 0	29 0 5	1,369 11 5	...	695 3 5	674 8 0	...	1,369 11 5	2,540	0 8 8		
268 14 4	13 15 2	1,051 11 2	...	462 5 2	594 9 0	...	1,056 14 2	2,182	0 7 9		
392 2 3	60 1 9	1,522 4 0	...	484 13 9	1,037 6 8	...	1,522 4 0	2,791	0 8 9		
417 1 4	25 4 10	1,534 8 4	...	534 8 6	999 15 10	...	1,534 8 4	4,498	0 5 6		
4,077 4 1	760 8 7	18,792 0 10	...	7,015 9 6	11,776 7 4	...	18,792 0 10	44,569	0 6 9		
686 13 8	545 5 2	3,505 11 2	...	983 15 2	2,521 12 0	...	3,505 11 2	6,784	0 8 8		
686 13 8	545 5 2	3,505 11 2	...	983 15 2	2,521 12 0	...	3,505 11 2	6,784	0 8 3		
687 15 4	48 13 2	2,753 5 10	...	904 2 10	1,849 3 0	...	2,753 5 10	5,800	0 7 7		
499 15 0	62 3 4	1,800 11 4	...	621 11 4	1,179 0 0	...	1,800 11 4	7,613	0 3 9		
762 0 4	46 8 9	2,560 14 9	...	899 15 9	1,666 15 0	...	2,566 14 9	5,815	0 7 1		
539 2 9	52 5 2	2,218 15 7	...	574 14 6	1,644 1 1	...	2,218 15 7	6,126	0 5 9		
753 0 1	51 9 0	2,677 6 11	...	913 12 4	1,763 10 7	...	2,677 6 11	5,261	0 8 1		
423 5 0	41 8 4	1,684 14 3	...	561 8 8	1,128 5 7	...	1,689 14 3	5,222	0 5 2		
650 9 10	40 9 0	2,249 9 11	...	764 13 6	1,484 12 11	...	2,249 9 11	4,425	0 8 2		
738 12 4	63 15 0	2,436 7 5	...	606 7 4	1,830 0 1	...	2,436 7 5	5,080	0 7 9		
2,039 12 8	407 2 9	18,393 6 0	...	5,847 5 9	12,546 0 3	...	18,393 6 0	45,312	0 6 6		
351 14 4	71 8 8	1,335 7 0	...	525 5 0	810 2 0	...	1,335 7 0	5,367	0 3 11		
520 15 0	105 9 0	2,067 4 0	...	656 3 0	1,411 1 0	...	2,067 4 0	7,436	0 4 5		
375 6 9	128 5 1	1,404 1 3	...	595 10 0	808 7 3	...	1,404 1 3	5,172	0 4 8		
501 1 3	98 2 0	1,980 12 0	...	854 15 10	1,125 12 2	...	1,980 12 0	5,607	0 5 8		
522 15 0	80 4 4	1,894 7 8	...	642 15 0	1,251 8 8	...	1,894 7 8	7,315	0 4 2		
882 14 0	330 14 4	2,806 3 8	...	824 1 8	1,982 2 0	...	2,806 3 8	7,758	0 5 9		
572 0 0	70 2 8	2,042 1 4	...	707 9 10	1,334 7 6	...	2,042 1 4	7,412	0 4 4		
463 12 4	38 2 6	1,727 13 2	...	719 15 2	1,007 14 0	...	1,727 13 2	5,828	0 4 9		
371 5 6	123 4 0	1,898 13 1	...	660 12 1	1,238 1 0	...	1,898 13 1	7,476	0 4 1		
637 5 0	113 14 0	2,057 9 0	...	697 11 0	1,359 14 0	...	2,067 9 0	8,884	0 3 8		
5,199 9 2	1,160 2 7	19,214 8 2	...	6,885 2 7	12,329 5 7	...	19,214 8 2	68,265	0 4 6		
465 8 1	85 5 10	1,765 11 8	...	682 3 5	1,083 8 3	...	1,765 11 8	6,479	0 4 4		
570 15 0	87 13 2	1,722 1 6	...	724 11 11	897 5 7	...	1,722 1 6	4,937	0 5 7		
635 14 8	136 8 5	2,310 4 9	...	609 8 9	1,640 12 0	...	2,310 4 9	8,525	0 4 4		
660 6 1	244 5 6	2,618 7 9	...	878 4 0	1,735 3 9	...	2,618 7 9	8,941	0 4 8		

A.—VACCINE.

Statement No. II showing the Cost of the Department

			Expenditure.										
Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination).	Pay.	Health Inspectors.		Vaccinators.				Peons, etc.		
					Number.	Pay.	First-class.	Second-class.	Probationers.	Pay.	Number.	Pay.	Total pay of establishment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
South Kanara—cont.													
188		Puttur ...	...	...	1	498 5 4	...	2	...	961 0 2	1	144 0 0	1,603 5 6
189		Udipi ...	...	...	1	287 5 4	...	1	1	1,120 11 11	1	144 0 0	1,562 1 8
190		Uppinangadi ...	...	...	1	424 14 4	...	2	1	695 2 6	1	183 10 0	1,303 10 10
		Total of district ...	...	...	7	2,506 10 4	2	10	6	6,423 6 2	7	1,054 3 0	9,981 3 6
Tanjore.													
191		Arantāngi ...	...	...	1	287 5 4	...	2	...	690 0 0	1	144 0 0	1,121 5 4
192		Kumbakonam ...	...	...	1	182 0 0	1	1	...	960 0 0	1	144 0 0	1,286 0 0
193		Mannārgudi ...	...	...	1	539 8 0	...	2	...	804 5 0	1	142 13 0	1,486 10 0
194		Māyavaram, East ...	...	...	1	243 0 8	...	1	...	545 0 0	1	144 0 0	982 0 8
195		Māyavaram, West ...	...	...	1	407 5 4	1	...	...	612 0 0	1	144 0 0	1,163 5 4
196		Nannilam, North ...	...	...	1	480 0 0	...	1	...	229 5 0	1	144 0 0	853 5 0
197		Nannilam, South ...	...	...	1	287 5 4	1	...	...	482 8 0	1	144 0 0	913 13 4
198		Negapatam ...	...	...	1	159 2 8	...	1	...	433 1 0	1	144 0 0	736 3 8
199		Pāpanāsam ...	...	...	1	407 5 4	1	1	...	940 7 11	1	152 0 0	1,505 13 3
200		Pattukkottai ...	...	...	1	330 10 8	...	2	...	977 0 0	1	160 0 0	1,467 10 8
201		Shiyāli ...	...	...	1	305 10 8	...	2	...	590 11 0	1	144 0 0	1,010 5 8
202		Tanjore, North ...	...	...	1	407 5 4	1	1	...	854 0 0	1	148 0 0	1,409 5 4
203		Tanjore, South ...	...	...	1	249 1 8	...	2	...	714 4 2	1	129 13 0	1,093 2 10
204		Tirutturaiappandi ...	...	...	1	253 15 0	1	1	...	856 3 0	1	144 0 0	1,254 2 0
205		Dt. Bd. Reserve Vaccinators.	...	...	...	...	...	2	...	765 6 2	...	...	765 6 2
		Total of district ...	...	...	14	4,539 12 0	6	19	...	10,460 3 3	14	2,028 10 0	17,028 9 3
Tinnevely.													
206		Ambāsamudram ...	...	...	1	393 13 4	1	1	...	912 12 11	1	156 0 0	1,462 10 3
207		Kovilpatti ...	...	...	1	384 6 0	1	1	...	961 6 0	1	144 0 0	1,489 12 0
208		Nānguneri ...	...	...	1	330 10 8	1	...	1	735 4 0	1	136 10 0	1,202 8 8
209		Sankarankōyil ...	...	...	1	384 15 4	1	2	...	1,439 11 10	1	144 0 0	1,968 11 2
210		Srīraikūntam ...	...	...	1	422 4 0	1	1	...	875 13 7	1	144 0 0	1,442 1 7
211		Tenkāsi ...	...	...	1	287 5 0	1	1	1	1,044 8 1	1	144 0 0	1,525 13 5
212		Tinnevely ...	...	...	1	329 8 9	1	...	...	727 0 4	1	144 0 0	1,200 9 1
213		Tiruchendūr ...	...	...	1	287 5 4	1	1	...	1,114 1 0	1	144 0 0	1,545 6 4
214		Vilāttikūlam ...	...	...	1	290 0 0	...	1	1	849 1 0	1	120 0 0	1,259 1 0
		Total of district ...	...	...	9	3,110 4 9	8	8	3	8,708 10 9	9	1,276 10 0	13,096 9 6
Trichinopoly.													
215		Ariyalūr ...	...	...	1	434 4 0	1	...	1	1,050 4 0	1	186 0 0	1,620 8 0
216		Jayakondam ...	...	...	1	830 7 8	...	1	1	1,120 15 0	1	137 7 0	1,588 13 8
217		Karūr ...	...	...	1	348 10 2	1	...	1	953 4 0	1	144 0 0	1,445 14 2
218		Kulittalai ...	...	...	1	287 0 0	1	...	1	1,050 6 0	1	144 0 0	1,481 6 0
219		Lālūdi ...	...	...	1	288 0 0	...	2	...	1,045 2 6	1	138 15 0	1,472 1 6
220		Maanpārai ...	...	...	1	287 5 4	...	1	1	938 14 0	1	140 13 0	1,867 0 4
221		Musiri ...	...	...	1	538 1 0	1	1	...	1,008 0 0	1	144 0 0	1,688 1 0
222		Perambalur ...	...	...	1	287 5 4	...	2	...	991 6 0	1	144 0 0	1,422 1 4
223		Trichinopoly ...	...	...	1	467 10 8	1	...	...	617 8 0	1	129 0 0	1,214 2 8
224		Turaiyūr ...	...	...	1	287 5 4	...	2	...	812 0 0	1	135 10 0	1,234 15 4
		Total of district ...	...	...	10	3,554 1 6	5	7	7	9,587 11 6	10	1,393 13 0	14,535 10 0
Vizagapatnam.													
225		Anakāpalle ...	...	...	1	323 10 8	1	...	...	436 4 10	1	144 0 0	930 15 6
226		Bobbili ...	...	...	1	433 2 7	...	1	...	187 13 19	1	144 0 0	765 0 6
227		Bimlipatam ...	...	...	1	224 8 3	1	...	...	165 4 3	1	125 5 6	515 2 0
228		Chitpurapalle ...	...	...	1	542 8 4	1	1	...	717 9 9	1	144 0 0	1,408 18 1
229		Chōdavarām ...	...	...	1	180 0 0	...	1	1	475 0 0	1	96 0 0	751 0 0
230		Gōjapatinagaram ...	...	...	1	287 5 4	...	2	...	728 0 0	1	144 0 0	1,159 5 4
231		Narasapatam ...	...	...	1	287 5 4	1	1	...	503 5 0	1	144 0 0	984 10 4
232		Palkōnda ...	...	...	1	280 0 0	1	1	...	485 0 0	1	138 0 0	858 0 0
233		Pārvatipuram ...	...	...	1	237 12 4	1	1	1	357 6 0	1	144 0 0	739 2 4
234		Razam ...	...	...	1	282 4 4	...	2	...	644 5 6	1	141 5 0	1,087 14 10
235		Sālūr ...	...	...	1	284 5 4	...	1	...	227 5 0	1	144 0 0	655 10 4
236		Srūngavarāpukōta ...	...	...	1	229 5 4	...	1	...	291 0 0	1	98 0 0	816 6 4
237		Vizagapatnam ...	...	...	1	344 12 5	...	1	1	353 12 10	1	144 0 0	842 9 8
238		Vizianagaram ...	...	...	1	383 10 8	...	2	...	799 2 0	1	140 10 0	1,382 6 8
239		Yellamanchilli ...	...	...	1	386 7 4	...	2	...	507 8 0	1	144 0 0	1,037 10 4
		Total of district ...	...	...	15	4,708 13 3	6	16	4	6,858 9 0	15	2,042 4 6	13,607 10 9
		Grand total of districts ...	...	...	241	83,374 1 9	113	300	188	2,12,850 6 1	241	34,781 0 2	3,30,705 8 0

* Local fund.

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25—cont.

Paid from										Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
Travelling allowance.	Contingencies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipal funds.	Total.				
15	16	17	18	19	20	21	22	23	24		
RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.		RS. A. P.
470 3 0	267 10 11	2,281 3 5	...	931 2 7	1,350 0 10	...	2,281 3 5	5,931	0 6 2		
358 7 0	184 13 2	2,395 5 5	...	717 8 6	1,677 12 11	...	2,395 5 5	9,293	0 4 1		
478 15 8	236 0 2	2,018 10 8	...	875 12 4	1,142 14 4	...	2,018 10 8	4,421	0 7 4		
3,940 0 6	1,182 9 2	15,106 13 2	...	5,479 3 6	9,627 9 8	...	15,106 13 2	48,527	0 5 0		
172 12 4	77 9 7	1,371 11 3	...	301 10 9	1,070 0 6	...	1,371 11 3	3,386	0 6 6		
167 10 0	55 14 0	1,509 8 0	...	...	1,509 8 0	...	1,509 8 0	4,067	0 4 10		
199 0 8	97 9 2	1,783 3 10	...	559 3 10	1,224 0 0	...	1,783 3 10	5,056	0 5 8		
123 15 0	46 4 0	1,102 3 8	...	...	1,102 3 8	...	1,102 3 8	4,679	0 3 7		
175 12 8	58 14 6	1,396 0 6	...	581 11 6	814 5 0	...	1,396 0 6	4,744	0 4 9		
122 2 4	21 14 6	997 5 10	...	678 0 10	319 5 0	...	997 5 10	3,151	0 5 1		
174 5 0	44 2 10	1,132 5 2	...	627 7 8	504 13 6	...	1,132 5 2	3,122	0 5 10		
182 0 0	88 8 0	1,006 11 8	...	...	1,006 11 8	...	1,006 11 8	4,044	0 4 0		
194 7 4	72 1 2	1,772 5 9	...	636 11 10	1,075 9 11	...	1,772 5 9	6,490	0 4 4		
158 12 0	66 10 10	1,693 1 6	...	674 13 0	1,018 4 6	...	1,693 1 6	6,708	0 4 0		
159 3 10	47 5 2	1,246 14 8	...	621 6 2	825 8 6	...	1,246 14 8	4,918	0 4 1		
152 8 0	80 13 6	1,642 10 10	...	734 7 10	908 3 0	...	1,642 10 10	5,151	0 5 1		
154 9 4	50 4 2	1,298 0 4	...	...	1,298 0 4	...	1,298 0 4	4,996	0 4 2		
154 13 0	60 5 0	1,469 4 0	...	...	1,469 4 0	...	1,469 4 0	7,005	0 3 4		
238 1 10	42 13 6	1,046 5 6	...	...	1,046 5 6	...	1,046 5 6	...	...		
2,530 1 4	909 1 11	20,467 12 6	...	5,475 9 5	14,992 3 1	...	20,467 12 6	69,717	0 4 9		
487 5 7	142 12 5	2,082 12 3	...	755 5 9	1,337 6 6	...	2,082 12 3	6,438	0 5 2		
618 2 11	91 0 1	2,193 15 0	...	809 15 9	1,383 15 3	...	2,193 15 0	5,367	0 6 6		
481 4 8	86 6 3	1,770 3 2	...	608 5 5	1,161 13 9	...	1,770 3 2	7,863	0 3 7		
752 6 6	135 1 11	2,856 3 7	...	788 15 1	2,067 4 6	...	2,856 3 7	11,104	0 4 1		
388 9 4	63 12 11	1,894 7 10	...	767 15 7	1,128 8 3	...	1,894 7 10	6,312	0 4 9		
558 4 2	68 8 10	2,152 10 5	...	681 6 11	1,521 3 6	...	2,152 10 5	9,404	0 3 8		
451 5 1	51 8 7	1,703 6 9	...	708 8 0	995 3 9	...	1,703 6 9	3,947	0 6 11		
439 1 8	125 8 9	2,110 0 3	...	741 5 3	1,368 11 0	...	2,110 0 3	6,450	0 5 3		
559 5 0	188 1 6	1,969 7 6	...	691 15 0	1,274 8 8	...	1,969 7 6	6,430	0 4 10		
4,740 12 6	902 12 9	18,740 2 9	...	6,503 7 9	12,236 11 0	...	18,740 2 9	63,315	0 4 8		
548 12 0	108 15 10	2,278 3 10	...	800 1 9	1,478 2 1	...	2,278 3 10	5,671	0 6 5		
509 15 8	145 11 11	2,244 9 3	...	840 2 1	1,404 7 2	...	2,244 9 3	6,130	0 5 10		
455 9 10	191 6 3	2,187 14 3	...	688 0 8	1,499 13 7	...	2,187 14 3	7,514	0 4 8		
528 8 8	109 9 3	2,114 7 11	...	615 8 2	1,498 15 9	...	2,114 7 11	6,143	0 5 6		
489 12 0	102 3 10	2,064 1 4	...	593 14 4	1,470 3 0	...	2,064 1 4	6,027	0 5 0		
492 7 4	93 8 2	1,952 15 10	...	643 7 7	1,309 8 3	...	1,952 15 10	5,408	0 5 9		
502 0 0	70 4 2	2,240 5 2	...	925 2 2	1,335 3 0	...	2,240 5 2	5,218	0 6 17		
506 4 0	179 12 3	2,108 11 7	...	620 12 8	1,487 14 11	...	2,108 11 7	7,097	0 4 9		
279 12 4	113 3 9	1,607 2 9	...	749 6 1	860 12 8	...	1,607 2 9	5,195	0 4 11		
526 12 8	39 0 8	1,800 12 8	...	618 15 8	1,181 18 0	...	1,800 12 8	6,705	0 4 8		
4,929 14 6	1,153 13 1	20,619 4 7	...	6,892 7 2	13,723 13 5	...	20,619 4 7	61,708	0 5 4		
339 15 8	104 4 0	1,375 3 0	...	625 9 4	749 9 8	...	1,375 3 0	3,630	0 6 1		
261 9 10	37 15 0	1,094 9 3	...	756 6 9	308 2 6	...	1,094 9 3	2,965	0 5 9		
174 3 0	31 1 4	720 6 4	...	...	720 6 4	...	720 6 4	2,865	0 4 0		
398 8 3	77 11 8	1,880 1 0	...	881 6 0	998 11 0	...	1,880 1 0	6,087	0 4 11		
593 3 8	6 0 0	1,350 3 8	...	...	1,350 3 8	...	1,350 3 8	6,520	0 3 4		
418 10 0	39 6 4	1,612 5 8	...	614 2 8	998 3 0	...	1,612 5 8	7,348	0 3 6		
409 6 8	62 1 6	1,408 2 6	...	601 6 6	804 12 0	...	1,406 2 6	4,802	0 4 11		
302 3 0	28 6 6	1,186 9 6	...	561 10 6	624 15 0	...	1,188 9 6	4,894	0 3 11		
254 9 4	23 0 4	1,016 12 0	...	585 8 0	481 4 0	...	1,016 12 0	3,184	0 5 2		
405 2 2	29 1 5	1,502 2 5	...	800 11 5	901 7 0	...	1,502 2 5	5,162	0 4 8		
222 15 4	107 3 4	985 13 0	...	563 9 0	422 4 0	...	985 13 0	4,974	0 3 2		
373 12 5	17 14 11	1,008 1 8	...	...	1,008 1 8	...	1,008 1 8	4,281	0 3 9		
408 2 4	...	1,250 11 7	...	9 1 9	1,241 9 10	...	1,250 11 7	4,086	0 4 11		
390 9 4	41 14 10	1,764 14 10	...	701 4 8	1,063 10 2	...	1,764 14 10	8,077	0 4 8		
522 9 4	48 7 6	1,608 11 2	...	704 10 2	904 1 0	...	1,608 11 2	7,252	0 3 7		
5,470 8 2	654 8 8	19,732 11 7	...	7,155 6 9	12,577 4 10	...	19,732 11 7	73,897	0 4 8		
1,19,490 2 3	24,349 0 6	4,74,544 10 9	...	1,70,709 6 6	3,03,835 4 3	...	4,74,544 10 9	1,359,918	0 5 7		

A.—VACCINE

Statement No. II showing the Cost of the Department

												Expenditure.	
Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination).	Pay.	Health Inspectors.		Vaccinators.				Peons, etc.		
					Number.	Pay.	First-class.	Second-class.	Probationers.	Pay.	Number.	Pay.	Total pay of establishment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
				RS. A. P.		RS. A. P.				RS. A. P.		RS. A. P.	RS. A. P.
1		Adoni ...	...	...	...	...	1	...	...	634 7 9	...	...	634 7 9
2		Anakāpalle ...	...	...	...	...	...	1	...	404 4 0	...	...	404 4 0
3		Anantapūr ...	...	...	...	...	...	1	...	294 6 7	...	...	294 6 7
4		Bellary ...	...	...	...	...	1	2	...	1,080 0 0	...	...	1,080 0 0
5		Berhampūr ...	...	...	...	...	1	...	...	368 2 0	...	...	368 2 0
6		Bezwada ...	...	...	...	...	...	2	...	550 7 10	1	115 0 0	665 7 10
7		Bimlipatam ...	...	...	...	...	...	1	...	264 0 0	...	...	264 0 0
8		Bodināyakkānūr ...	...	...	...	...	...	1	...	324 12 0	...	...	324 12 0
9		Calicut ...	...	...	...	...	1	1	1	647 0 0	...	...	647 0 0
									Vacci- natrix.				
10		Cannanore ...	...	...	...	...	...	1	...	260 0 0	...	...	260 0 0
11		Chiancoole ...	...	...	...	...	1	...	...	505 0 0	...	...	505 0 0
12		Chidambaram ...	...	...	...	...	...	1	...	255 0 0	...	...	255 0 0
13		Chingleput ...	...	...	...	...	...	1	...	386 9 8	...	...	386 9 8
14		Chirāla ...	...	...	...	...	...	1	...	345 0 0	...	...	345 0 0
15		Chittoor ...	...	...	...	...	...	1	...	389 0 0	...	...	389 0 0
16		Cocanada ...	...	...	...	...	1	1	1	797 8 4	...	...	797 9 4
17		Cochin ...	...	...	...	...	...	2	...	792 0 0	...	...	792 0 0
								One Vacci- natrix.					
18		Coimbatore ...	...	...	...	...	1	3	2	1,641 2 1	...	...	1,641 2 0
								One Vacci- natrix and one tem- porary vacci- nator.					
19		Conjeeveram ...	...	...	...	...	1	1	...	847 14 9	...	...	847 14 9
20		Coonoor ...	...	...	...	...	...	1	...	480 0 0	...	...	480 0 0
21		Cuddalore ...	...	...	...	...	1	1	...	610 13 2	...	...	610 13 2
22		Cuddapah ...	...	...	...	...	...	1	1	322 5 9	...	...	322 5 9
23		Dharmapuram ...	...	...	...	...	...	1	...	240 0 0	...	...	240 0 0
24		Dindigul ...	...	...	...	...	...	1	...	414 15 5	1	144 0 0	558 15 5
25		Dilore ...	...	...	...	...	1	1	...	701 4 0	1	177 0 0	878 4 0
26		Erode ...	...	...	...	...	...	1	...	476 4 0	...	...	476 4 0
27		Gudiyāttam ...	...	...	...	...	...	1	...	164 6 6	...	...	164 6 6
28		Guntūr ...	...	...	...	...	...	1	...	556 3 6	1	180 0 0	746 3 6
29		Hindupūr ...	...	...	...	...	...	1	1	215 14 2	...	...	215 14 2
30		Hospet ...	...	...	...	...	...	1	...	353 0 0	...	...	353 0 0
31		Karūr ...	...	...	...	...	...	1	...	328 6 2	...	...	328 6 2
32		Kodaikānal ...	...	...	...	...	...	1	...	154 13 4	...	...	154 13 4
33		Kumbakonam ...	...	...	...	...	1	2	...	824 2 0	...	...	824 2 0
34		Kurnool ...	...	...	...	...	1	...	...	575 9 0	...	...	575 9 0
35		Madras ...	...	...	...	...	3	31	2	15,178 0 5	24	5,659 2 1	87,279 10 7
				*15 up to Oct. 1924 and 12 from Oct. to Mar. 1925.	16,442 8 1		(Special Vacci- nators.)	(Assist- ant Vacci- nators.)	(Female Vacci- nators.)				
36		Madura ...	...	...	...	...	...	11	...	2,231 2 0	...	...	2,231 2 0
37		Mangalore ...	...	...	...	...	1	1	...	985 13 10	1	167 0 0	1,152 13 10
38		Mannārgudi ...	...	...	...	...	...	1	...	343 0 1	...	...	343 0 1
39		Masulipatam ...	...	...	...	...	1	1	1	951 14 0	...	...	951 14 0
								Female Vacci- nator.					
40		Māyavaram ...	...	...	...	...	1	...	...	420 0 0	...	...	420 0 0
41		Nandyāl ...	...	...	...	...	1	...	...	525 15 1	...	...	525 15 1
42		Narasaraopet ...	...	...	...	...	...	1	...	258 9 0	...	...	258 9 0
43		Negapatam ...	...	...	...	...	...	3	...	668 8 0	...	...	668 8 0
44		Nellore ...	...	...	...	...	...	1	...	448 0 0	1	132 0 0	480 0 0
45		Ongole ...	...	...	...	...	...	1	...	413 5 7	...	...	413 5 7
46		Ootacamund ...	...	...	...	...	1	1	...	518 10 0	...	...	518 10 0

* Medical Registrar Vaccinators.

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25—cont.

Travelling allowance.	Contingencies.	Total cost.	Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
			18	19	20	21	22	23	24
15	16	17	18	19	20	21	22	23	24
RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
...	8 8 0	642 15 9	...	...	...	642 15 9	642 15 9	1,164	0 8 10
...	49 8 0	453 12 0	...	...	...	453 12 0	453 12 0	928	0 7 5
...	50 2 5	344 9 0	...	...	...	344 9 0	344 9 0	569	0 9 8
...	42 0 0	1,122 0 0	...	...	...	1,122 0 0	1,122 0 0	1,478	0 12 2
...	10 9 0	378 11 0	...	...	...	378 11 0	378 11 0	995	0 6 1
...	118 7 8	781 15 6	...	...	...	781 15 6	781 15 6	2,049	0 6 1
...	15 8 0	279 8 0	...	...	...	279 8 0	279 8 0	442	0 10 1
...	21 4 4	846 0 4	...	...	...	846 0 4	846 0 4	992	0 5 7
...	116 15 0	768 15 0	...	...	...	768 15 0	768 15 0	7,039	0 1 8
...	22 0 6	282 0 6	...	...	...	282 0 6	282 0 6	1,690	0 2 8
...	66 0 8	571 0 8	...	...	...	571 0 8	571 0 8	743	0 12 8
...	24 15 6	279 15 6	...	...	...	279 15 6	279 15 6	502	0 8 11
...	18 6 7	405 0 3	...	...	...	405 0 3	405 0 3	689	0 9 5
...	35 14 0	380 14 0	...	...	...	380 14 0	380 14 0	402	0 12 5
60 0 0	62 1 6	511 1 6	...	...	...	511 1 6	511 1 6	687	0 11 11
...	52 3 0	849 12 4	...	...	...	849 12 4	849 12 4	3,283	0 4 2
...	...	792 0 0	...	...	...	792 0 0	792 0 0	765	0 15 11
...	75 13 0	1,716 15 0	...	...	...	1,716 15 0	1,716 15 0	2,955	0 9 4
...	167 5 4	955 4 1	...	...	...	955 4 1	955 4 1	1,868	0 8 2
...	87 3 0	517 9 0	...	...	...	517 9 0	517 9 0	584	0 14 1
...	55 6 0	666 3 2	...	...	...	666 3 2	666 3 2	2,012	0 5 4
...	58 0 0	380 5 9	...	...	...	380 5 9	380 5 9	958	0 6 5
...	...	240 0 0	...	...	...	240 0 0	240 0 0	450	0 8 6
...	21 1 0	580 0 5	...	...	...	580 0 5	580 0 5	1,093	0 8 6
...	9 10 0	887 14 0	...	...	...	887 14 0	887 14 0	1,980	0 7 2
...	28 18 8	505 1 8	...	...	...	505 1 8	505 1 8	717	0 11 8
...	21 12 11	166 3 5	...	...	...	166 3 5	166 3 5	278	0 3 10
...	96 7 0	842 10 6	...	...	...	842 10 6	842 10 6	3,988	0 8 5
...	30 6 6	246 4 8	...	...	...	246 4 8	246 4 8	638	0 6 2
...	49 0 6	402 0 6	...	...	...	402 0 6	402 0 6	903	0 7 1
...	50 14 0	879 4 2	...	...	...	879 4 2	879 4 2	590	0 10 3
...	28 8 0	188 5 4	...	...	...	188 5 4	188 5 4	195	0 15 1
...	46 14 0	871 0 0	...	...	...	871 0 0	871 0 0	2,315	0 6 0
...	17 4 6	592 13 6	...	...	...	592 13 6	592 13 6	1,278	0 7 5
...	7,529 1 2	44,808 11 9	...	...	...	44,808 11 9	44,808 11 9	1,35,670	0 10 1
...	672 2 0	2,903 4 0	...	...	...	2,903 4 0	2,903 4 0	17,766	0 2 7
...	67 0 0	1,219 13 10	...	...	...	1,219 13 10	1,219 13 10	3,172	0 6 2
...	14 14 0	357 14 1	...	...	...	357 14 1	357 14 1	670	0 6 7
...	75 15 6	1,027 13 6	...	...	...	1,027 13 6	1,027 13 6	2,789	0 5 11
57 8 7	22 18 0	500 5 7	...	...	...	500 5 7	500 5 7	993	0 8 1
Cycle allowance.	64 7 10	590 6 11	...	...	...	590 6 11	590 6 11	717	0 13 2
...	9 1 0	267 10 0	...	...	...	267 10 0	267 10 0	778	0 5 6
...	172 8 11	841 0 11	...	...	...	841 0 11	841 0 11	4,106	0 3 2
60 0 0	10 8 0	550 8 0	...	...	...	550 8 0	550 8 0	1,514	0 5 10
Cycle allowance.	32 5 5	445 11 0	...	...	...	445 11 0	445 11 0	2,185	0 3 0
...	118 6 10	637 0 10	...	...	...	637 0 10	637 0 10	1,084	0 9 5

† The cost of registration and vaccination during 1924-25 comes to Rs. 44,808-11-9 and debiting half of this amount to vaccination charges the cost of each successful case is Rs. 0-10-1.

‡ Excludes 215 Penitentiary cases.

A.—VACCINE

Statement No. II showing the Cost of the Department

Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination).	Expenditure.									
				Pay.	Health Inspectors.		Vaccinators.				Peons, etc.		
					Number.	Pay.	First-class.	Second-class.	Probationers.	Pay.	Number.	Pay.	Total pay of establishment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
				RS. A. P.		RS. A. P.				RS. A. P.		RS. A. P.	RS. A. P.
47	Municipalities—cont.	Palacole ...	...	...	...	...	...	1	...	402 3 0	...	...	402 3 0
48		Palamcottah ...	...	...	...	...	1	...	587 11 6	1	127 8 0	715 3 6	
49		Palghat ...	...	...	...	...	1	...	798 5 0	...	...	798 5 0	
50		Palni ...	...	...	...	...	...	1	...	302 15 3	...	...	302 15 3
51		Parlakimedi ...	...	...	...	...	...	1	...	436 4 11	...	...	436 4 11
52		Peddāpār ...	...	...	...	...	1	...	285 0 0	...	...	...	285 0 0
53		Periyakulam ...	...	...	...	...	1	...	363 15 0	...	...	...	363 15 0
54		Pollachi ...	...	...	...	...	...	1	...	417 8 6	...	...	417 8 6
55		Proddatur ...	...	...	...	...	...	1	...	302 8 0	...	...	302 8 0
56		Rajahmundry ...	...	...	...	...	1	1	765 6 8	1	...	765 6 8	
57		Saidapet ...	...	...	...	...	...	1	...	490 0 0	1	140 0 0	630 0 0
58		Salem ...	...	...	...	...	...	3	...	1,228 14 8	...	...	1,228 14 8
59		Sivakasi ...	...	...	...	...	...	1	1	369 0 0	...	...	369 0 0
60		Srirangam ...	...	...	...	...	...	1	...	360 0 0	...	...	360 0 0
61		Srivilliputtūr ...	...	...	...	...	...	1	...	301 0 0	...	...	301 0 0
62		Tadpatri ...	...	...	...	...	...	1	...	360 0 0	...	...	360 0 0
63		Tanjore ...	...	...	...	...	...	3	...	720 0 0	...	...	720 0 0
64		Tellicherry ...	...	...	...	...	...	1	1	377 0 0	1	133 0 0	509 0 0
									Vaccinatrix.				
65			Tenali ...	...	...	...	...	1	1	360 0 0	...	...	360 0 0
66			Tinnevely ...	...	...	...	...	1	1	635 10 7	1	144 0 0	779 10 7
67			Trichinopoly ...	...	...	...	...	4	...	1,235 1 7	...	...	1,235 1 7
68			Tirupati ...	...	...	...	...	1	...	431 0 0	...	...	431 0 0
69			Tirupattūr ...	...	...	...	...	1	...	360 0 0	1	...	360 0 0
70			Tiruppur ...	...	...	...	...	1	1	512 15 0	...	...	512 15 0
71			Tiruvālar ...	...	...	...	...	1	...	240 0 0	...	...	240 0 0
72			Tiruvannāmalai ...	...	...	...	...	1	...	468 0 0	...	...	468 0 0
73			Tuticorin ...	...	...	...	...	2	...	500 3 5	1	106 9 2	606 12 7
74			Udumalpet ...	...	...	...	...	1	...	293 5 4	...	...	293 5 4
75			Vāniyambādi ...	...	...	...	...	1	...	360 0 0	...	...	360 0 0
76			Vellore ...	...	...	...	...	2	...	591 4 9	...	...	591 4 9
77		Villupuram ...	...	...	...	...	1	...	362 8 0	...	...	362 8 0	
78		Virudhunagar ...	...	...	...	...	1	1	400 3 0	...	...	400 3 0	
79		Visagapatam ...	...	...	...	...	1	1	727 7 7	1	120 0 0	847 7 7	
80		Vizianagaram ...	...	...	...	...	1	1	490 0 0	...	...	490 0 0	
81		Walajapet ...	...	...	...	...	1	1	360 0 0	...	...	360 0 0	
		Total of Municipalities ...	...	...	...	16,442 8 1	40	118	13	57,241 2 8	36	7,354 3 8	81,087 14 0
	Military Cantonments.	Bangalore ...	...	...	...	...	1	1	...	660 0 0	...	...	660 0 0
		Secunderabad ...	...	...	1	974 8 0	1	4	1	1,861 13 0	5	621 8 0	3,457 13 0
		Total of Cantonments ...	...	...	1	974 8 0	2	5	1	2,521 13 0	5	621 8 0	4,117 13 0
		Assistant Directors of Public Health.	2	11,861 2 0	...	...	...	...	...	...	...	...	11,861 2 0
		Grand total ...	2	11,861 2 0	242	1,00,791 1 10	155	423	125	2,72,313 5 9	282	42,756 11 5	4,27,732 5 0

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25—cont.

Travelling allowance.	Contingencies.	Total cost.	Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
			18	19	20	21	22	23	24
15	16	17	18	19	20	21	22	23	24
RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
1 8 0	161 1 0	564 12 0	...	...	...	564 12 0	564 12 0	480	1 2 10
...	52 14 0	768 1 6	...	...	...	768 1 6	768 1 6	1,632	0 7 6
...	45 0 0	843 5 0	...	...	...	843 5 0	843 5 0	2,108	0 6 5
...	33 12 0	836 11 3	...	...	...	836 11 3	836 11 3	551	0 9 9
...	98 5 2	529 10 1	...	...	...	529 10 1	529 10 1	1,254	0 6 9
...	28 6 9	313 6 2	...	...	...	313 6 2	313 6 2	715	0 7 0
...	31 3 4	395 2 4	...	...	...	395 2 4	395 2 4	959	0 6 7
50 0 0	35 6 0	502 14 6	...	...	...	502 14 6	502 14 6	304	1 10 6
Cycle allowance.	...	302 8 0	...	...	...	302 8 0	302 8 0	713	0 6 9
...	58 0 9	823 7 5	...	...	...	823 7 5	823 7 5	4,733	0 2 9
...	54 3 6	684 3 6	...	...	...	684 3 6	684 3 6	1,398	0 7 10
...	80 8 3	1,318 6 11	...	...	...	1,318 6 11	1,318 6 11	2,651	0 7 11
...	13 9 6	382 9 6	...	...	...	382 9 6	382 9 6	527	0 11 7
...	35 2 6	395 2 6	...	...	...	395 2 6	395 2 6	916	0 6 11
...	45 4 3	346 4 3	...	...	...	346 4 3	346 4 3	1,484	0 3 9
...	15 11 0	375 11 0	...	...	...	375 11 0	375 11 0	380	0 15 10
...	38 10 6	758 10 6	...	...	...	758 10 6	758 10 6	3,117	0 3 11
...	18 1 0	627 1 0	...	...	...	627 1 0	627 1 0	1,031	0 8 2
...	18 11 0	378 11 0	...	...	...	378 11 0	378 11 0	858	0 7 1
60 0 0	143 11 11	983 6 6	...	...	...	983 6 6	983 6 6	2,552	0 6 2
...	122 11 0	1,357 12 7	...	...	...	1,357 12 7	1,357 12 7	5,962	0 3 8
...	25 7 6	456 7 6	...	...	...	456 7 6	456 7 6	562	0 18 0
...	13 8 8	373 8 8	...	...	...	373 8 8	373 8 8	645	0 9 3
...	47 4 0	560 3 0	...	...	...	560 3 0	560 3 0	739	0 12 1
60 0 0	30 1 0	330 1 0	...	...	...	330 1 0	330 1 0	488	0 10 10
Cycle allowance.	...	478 14 0	...	...	...	478 14 0	478 14 0	904	0 8 6
...	35 2 5	641 15 0	...	...	...	641 15 0	641 15 0	1,644	0 6 3
...	32 5 0	325 10 4	...	...	...	325 10 4	325 10 4	397	0 13 1
...	23 10 8	383 10 8	...	...	...	383 10 8	383 10 8	810	0 7 7
...	63 10 8	654 15 6	...	...	...	654 15 6	654 15 6	1,789	0 5 10
2 2 6	18 11 3	383 5 9	...	...	...	383 5 9	383 5 9	627	0 9 9
...	19 7 1	419 10 1	...	...	...	419 10 1	419 10 1	830	0 8 1
...	120 3 6	967 11 1	...	...	...	967 11 1	967 11 1	3,997	0 3 1
...	45 4 0	535 4 0	...	...	...	535 4 0	535 4 0	1,904	0 4 6
...	39 2 0	399 2 0	...	...	...	399 2 0	399 2 0	327	1 3 6
851 3 1	11,997 10 8	93,286 11 7	...	...	...	93,286 11 7	70,882 5 9	1,69,283	0 6 8
240 0 0	...	900 0 0	900 0 0	...	...	...	900 0 0	803	1 1 11
180 0 0	289 7 11	3,927 4 11	...	...	3,429 1 2	498 3 9	3,927 4 11	5,148	0 12 2
420 0 0	289 7 11	4,827 4 11	500 0 0	...	3,429 1 2	468 3 9	4,827 4 11	5,951	0 13 0
943 15 0	...	12,805 1 0	...	12,805 1 0	...	...	12,805 1 0	...	...
1,21,205 4 4	36,536 2 11	5,85,483 12 3	900 0 0	1,83,514 7 6	3,07,264 5 5	88,784 15 4	5,83,059 6 5	1,535,108	40 5 9

* The average cost of each successful case was calculated on the total number of successful vaccinations performed by the special staff only, viz., Local Fund and Municipal staff (vide G.O. No. 1158 L., dated 4th September 1911).
 N.B.—In calculating the average cost of each successful case the pay and allowances of the Assistant Directors of Public Health have been excluded.

B.—DISPENSARY VACCINATION.

Statement No. III showing Dispensary Vaccination in the Madras Presidency
for the official year 1924-25.

Districts.	Number of dispensaries in each district to which a vaccinator is attached.	Average number of vaccinators attached to dispensaries during the year.	Total number of persons vaccinated.	Average number of persons vaccinated by each vaccinator.	Total number of operations.	Primary vaccination.				Unknown.	Re-vaccination.			Percentage of successful cases in which the results were known.		Percentage of unknown cases to total operations.	
						Under one year.	Over one and under six years.	Total of all ages.	Total number of operations.		Successful.	Unknown.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Agency districts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anantapur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aroor, North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aroor, South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittoor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ganjām	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godāvari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Guntūr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madras (Municipal hospital, Kodaikānal)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar	...	...	...	...	...	...	...	...	...	35	27	...	...	77.1	...	...	...
Nellore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nilgiris, the	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rāmnād	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Kanara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevely	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Visagapatam (Local Fund Gosha Hospital, Bobbili)	...	...	4	...	2	1	1	2	...	2	1	...	100	50	...	...	...
Total	...	...	4	...	2	1	1	2	...	37	28	...	100	75.7	...	...	...

Statement No. IV showing the number of persons primarily vaccinated and the number of those persons who were successfully vaccinated in the Madras Presidency in each of the undermentioned years.

Persons primarily vaccinated.

In the Madras Presidency.

	1915-1916.		1916-1917.		1917-1918.		1918-1919.		1919-1920.		1920-1921.		1921-1922.		1922-1923.		1923-1924.		1924-1925.	
	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.
Government vaccinators ...	16,052	14,283	17,276	13,900	17,765	15,057	18,540	14,158	16,082	14,675	14,625	10,616	15,749	11,860	11,897	14,981	20,959	16,852	21,275	19,629
Local Fund do. ...	1,832,471	1,155,851	1,275,205	1,090,029	1,194,558	989,157	1,161,772	787,222	1,157,793	833,655	1,107,117	651,154	1,057,517	796,007	1,149,088	8,964,474	1,270,438	1,140,187	1,298,964	1,298,452
Cantonment do. ...	4,354	4,152	3,218	2,950	3,710	3,497	3,185	2,697	4,757	4,012	4,105	3,024	5,218	4,354	5,439	5,245	5,859	5,850	4,204	4,275
Zamindari do. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Municipal do. ...	112,146	106,830	114,172	107,326	121,439	113,662	116,193	105,155	103,653	86,188	105,504	88,536	99,480	90,518	105,203	96,948	113,237	109,620	116,000	115,688
Dispensaries ...	99	96	148	145	191	189	157	155	131	129	115	113	124	115	152	140	148	143	2	2
Medical Subordinates ...	1,681	1,464	250	213	197	103	550	312	610	845	680	492	1,764	1,402	1,769	1,232	1,788	842	1,842	1,267
Total ...	1,466,803	1,282,676	1,410,286	1,214,553	1,337,860	1,121,655	1,300,397	906,670	1,283,026	949,004	1,232,146	753,585	1,179,852	904,256	1,273,628	1,015,020	1,412,029	1,252,494	1,440,387	1,397,313

Statement No. V showing particulars of vaccination verified by Inspecting Officers in the Madras Presidency during 1924-25.

Districts.	Total number of persons vaccinated.		Total number inspected.		Percentage of inspection to total number vaccinated.		Percentage of cases found successful to total number inspected.		Percentage of success as reported by Vaccinators.	
	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	By District Medical Officer, District Medical Officers, Civil Surgeons and District Health Officers.	By Health Inspectors.	By District Medical Officer, District Medical Officers, Civil Surgeons and District Health Officers.	By Health Inspectors.	By District Medical Officer, District Medical Officers, Civil Surgeons and District Health Officers.	By Health Inspectors.
Agency districts	56,769	15,261	230	12,089	0.4	92.5	79.2	97.8	54.5	91.8
Anantapur	24,254	14,479	829	9,923	1.3	101.8	98.5	97.8	48.8	91.8
Arcoot (North)	73,180	12,492	1,181	7,949	1.6	87.9	68.6	97.7	48.8	91.8
Arcoot (South)	68,282	8,780	754	4,804	1.2	88.9	64.7	97.5	57.4	91.8
Bellary	32,387	6,702	3,672	3,702	11.03	92.02	55.2	99.3	31.9	91.8
Chingleput	49,888	13,289	825	9,107	1.3	86.6	68.7	99.03	51.6	91.8
Chittoor	39,363	12,600	1,940	8,837	4.6	97.1	70.1	98.4	40.0	91.8
Coimbatore	81,465	17,274	1,175	11,920	1.4	97.1	69.0	95.5	41.5	91.8
Cuddapah	28,733	8,534	974	10,307	1.8	78.5	68.8	97.6	57.9	91.8
Ganjam	61,835	15,439	745	17,878	1.4	88.7	55.3	91.4	59.8	91.8
Godavari	52,765	32,330	745	44,156	1.4	88.7	55.3	91.4	59.8	91.8
Guntur	65,832	39,523	3,808	25,302	5.8	93.9	64.0	97.7	48.4	91.8
Krishna	70,602	23,265	1,419	15,392	2.01	88.8	63.1	97.7	48.4	91.8
Kurnool	32,788	8,390	962	6,387	2.4	102.2	76.4	99.9	38.3	91.8
Madras	18,082	56,923	4,257	9,541	6.0	79.6	38.5	98.3	35.5	91.8
Madurai	70,412	26,962	2,171	22,898	1.9	88.1	67.6	99.1	41.9	91.8
Malabar	114,472	34,893	570	7,667	1.3	96.3	65.7	94.4	50.0	91.8
Nellore	44,235	11,663	107	3,837	1.9	86.2	70.5	90.7	35.1	91.8
Nilgiris, The	5,386	5,442	764	4,082	1.5	81.1	66.5	98.1	35.1	91.8
Ramanad	60,729	6,134	391	8,129	0.6	86.1	78.8	96.8	76.9	91.8
Salem	70,740	11,080	391	8,579	9.2	81.8	73.1	98.02	55.6	91.8
South Kanara	49,980	11,734	302	6,142	0.4	84.6	81.9	93.7	51.8	91.8
Tanjore	80,394	9,921	781	8,337	1.5	133.3	71.03	86.9	38.1	91.8
Tinnevely	51,679	12,159	781	8,337	1.5	90.7	49.7	93.9	76.1	91.8
Trichinopoly	67,570	14,769	1,159	12,308	5.3	93.1	49.2	87.6	62.5	91.8
Vinayapattam	79,911	25,183	4,267	12,308	2.7	89.6	54.9	84.6	52.6	91.8
Total	1,438,683	454,367	38,222	250,140	2.7	89.6	54.9	84.6	52.6	91.8

Statement No. VI showing the number of vaccinations performed in Municipal Towns on children under one year of age (G.O. No. 1534 L., dated 6th December 1909).

Municipalities.	Number of births available for vaccination during the year 1924-25.	Number of deaths amongst children under one year during the year.	Number of successful vaccinations on children under one year during the year ending March 1925.	Date of extension of compulsory vaccination to municipalities.	Municipalities.	Number of births available for vaccination during the year 1924-25.	Number of deaths amongst children under one year during the year.	Number of successful vaccinations on children under one year during the year ending March 1925.	Date of extension of compulsory vaccination to municipalities.
Adoni	1,132	266	582	1st Dec. 1886	Negapatam	1,779	283	965	1st July 1886.
Anakāpalle	614	105	317	1st Nov. 1891	Nellore	385	175	475	1st Aug. 1886.
Anantapur	583	78	270	1st Jan. 1886.	Ongole	461	89	142	1st Dec. 1885.
Bellary	1,288	190	496	1st Jan. 1891.	Ootacamund	746	167	423	1st July 1887.
Berhampur	1,048	211	410	15th April 1891.	Palacole	888	57	108	1st Sep. 1919.
Bezavada	1,726	428	732	1st May 1892.	Palamcottah	1,624	449	566	1st May 1886.
Bimlipatam	324	57	209	1st Jan. 1894.	Palghat	2,594	392	1,751	1st Jan. 1883.
Bodinayakkanūr	1,118	248	709	19th Feb. 1916.	Palni	662	171	174	1st Dec. 1891.
Calicut	1,757	290	1,306	1st Oct. 1891.	Parlakimedi	644	48	392	1st Dec. 1890.
Cannanore	1,239	179	785	1st June 1891.	Peddapur	388	63	138	1st April 1916.
Chioacole	399	61	220	1st Dec. 1890.	Periyakulam	831	173	576	1st Feb. 1891.
Chidambaram	573	136	114	1st July 1887.	Pollachi	428	100	209	23rd Feb. 1921.
Chingleput	695	185	295	1st April 1897.	Proddatur	483	70	195	1st Sep. 1915.
Chirala	432	119	155	9th May 1920.	Rajahmundry	2,211	515	1,019	1st Jan. 1886.
Chittoor	817	129	381	9th Jan. 1917.	Saidpet	940	129	373	1st April 1921.
Cocanada	1,778	332	715	1st June 1890.	Salem	2,755	4.6	1,419	1st May 1891.
Cochin	778	146	415	1st Jan. 1894.	Sivakāsi	410	52	302	1st Sep. 1920.
Coimbatore	2,408	536	1,981	1st Jan. 1889.	Srirangam	489	78	260	1st July 1888.
Conjeevaram	2,149	390	1,007	1st Jan. 1891.	Srivilliputtar	1,650	323	878	1st Jan. 1896.
Coonoor	427	121	179	1st April 1887.	Tadpatri	257	23	102	1st Oct. 1921.
Cuddalore	2,113	440	1,262	1st Aug. 1896.	Tanjore	2,186	416	968	1st July 1893.
Cuddapah	658	155	217	15th July 1888.	Tellicherry	1,177	230	543	15th June 1892.
Dhārāpuram	438	57	49	1st Feb. 1916.	Tenali	849	237	423	1st April 1910.
Dindigul	1,230	235	778	16th July 1886.	Tinnevely	2,314	702	964	1st July 1896.
Elore	1,486	483	487	1st June 1888.	Trichinopoly	4,621	1,029	2,266	1st Aug. 1890.
Erode	534	84	258	1st April 1891.	Tirupati	589	163	319	1st Mar. 1890.
Indiyāttam	869	158	476	1st June 1889.	Tirupattar	652	104	264	1st July 1891.
Intūr	2,259	458	879	1st Jan. 1914.	Tiruppur	400	46	175	1st Apr. 1918.
Hindupur	414	79	219	1st May 1920.	Tiruvālor	482	102	210	1st Oct. 1913.
Hospet	892	133	445	1st April 1892	Tiruvannāmalai	1,014	171	526	15th Dec. 1897.
Karūr	526	115	160	1st Sep. 1900.	Tuticorin	1,701	465	720	1st May 1892.
Kodaikānal	217	42	68	1st April 1889.	Udumalpet	414	106	206	1st Apr. 1918.
Kumbakonam	1,348	444	843	1st Aug. 1889.	Vaniyambādi	875	145	509	1st May 1889.
Kurnool	780	114	230	1st July 1891.	Vellore	1,824	363	947	1st Jan. 1897.
Madras	23,538	4,135	10,157	1st June 1891.	Villupuram	500	107	236	1st Sep. 1919.
Madurai	5,904	3,896	1,431	1st Jan. 1890.	Virudunagar	941	154	468	1st Sep. 1915.
Madgalore	2,222	308	317	1st Sep. 1891.	Vizagapatam	1,989	373	653	1st Aug. 1890.
Manngargudi	660	108	317	1st Dec. 1890.	Vizianagram	1,274	216	734	1st Jan. 1891.
Masilipatam	1,652	270	568	1st May 1888.	Walaajpet	438	74	203	20th May 1892.
Masavaram	932	193	489	1st Oct. 1886.					
Mandyal	404	102	205	1st Jan. 1900.					
Marasaraopet	388	92	172	1st April 1916.					
Total	111,605	22,707	55,787						

Statement No. VII showing inspection work done by the Health Inspectors during the year 1924-25.

Districts.	Circles.	Number of Health Inspectors.	Number of villages inspected by Health Inspectors.	Total number of cases vaccinated.	Number of days spent on inspection duty.	Number of cases verified by Health Inspectors.	Total number of successful cases as reported by Health Inspectors.	Percentage of successful cases to the total number inspected as reported by Health Inspectors.	Proportion per cent of inspection by Health Inspectors to total number vaccinated.
1	2	3	4	5	6	7	8	9	10
Agency districts.	Bhadrachalam ...	1	354	4,550	182	3,843	3,246	84.4	84.5
	Polavaram ...	1	511	7,592	177	6,246	5,486	87.8	82.3
	Ganjām Hill Tracts, North ...	1	840	8,502	142	4,654	4,301	92.4	54.7
	Ganjām Hill Tracts, South ...	1	715	6,840	210	6,650	5,890	88.6	97.2
	Ganupur ...	1	411	11,828	208	9,017	5,752	63.8	76.8
	Hill Madgole ...	1	719	6,487	158	6,028	4,792	79.6	93.2
	Jeypore ...	1	1,028	8,573	247	7,040	6,409	83.9	89.1
	Koraput ...	1	878	11,000	176	11,411	10,800	92.9	98.4
	Nowrangpur ...	1	540	9,737	215	9,130	7,557	82.8	93.8
	...	...	...	...	...	...	...	...	...
Anantapur.	Anantapur ...	1	106	4,270	119	3,948	2,689	68.1	92.4
	Dharmavaram ...	1	94	5,370	110	5,792	4,240	73.2	107.8*
	Gooty ...	1	128	5,695	118	5,373	3,783	70.0	94.4
	Hindupur ...	1	73	4,860	127	4,023	3,014	74.9	86.3
	Kadiri ...	1	101	5,722	76	4,066	2,887	71.0	71.0
	Kalyāndrug ...	1	64	3,002	112	2,556	2,088	79.8	82.7
	Madakasira ...	1	40	2,574	90	2,213	1,805	81.6	85.9
	Penukonda ...	1	65	4,536	74	2,694	2,046	75.9	59.4
	Tadpatri ...	1	84	3,836	105	3,951	2,780	70.6	102.9*
	...	...	...	...	...	...	...	...	...
North Arcot.	Arkonam ...	1	138	8,530	129	6,953	4,671	67.2	81.5
	Arni ...	1	146	6,818	213	6,130	5,848	95.2	92.6
	Cheyyar ...	1	217	6,227	126	5,674	5,137	90.6	91.1
	Gudiyāttam ...	1	185	7,887	117	7,180	6,597	91.7	91.7
	Poir ...	1	167	6,877	101	5,801	5,338	91.9	84.4
	Ranipet ...	1	185	9,787	267	6,917	6,253	90.4	70.6
	Tirupattur ...	1	408	10,104	116	9,450	8,809	93.2	93.5
	Tiruvannāmalai ...	1	316	13,613	148	10,486	9,507	90.6	77.0
	Vellore ...	1	148	7,327	88	7,341	6,350	86.5	100.2*
	Wandiwash ...	1	177	7,639	217	6,811	5,948	87.2	82.6
South Arcot.	Chidambaram ...	1	220	5,419	226	3,480	3,123	89.7	61.2
	Cuddalore ...	1	232	8,619	230	7,481	7,229	96.6	86.8
	Guigee ...	1	316	9,139	234	5,883	5,409	91.9	72.8
	Kallakurahi ...	1	272	9,042	212	5,673	4,705	82.9	62.6
	Tindivanam ...	1	233	7,244	255	6,294	5,751	91.4	86.9
	Tirukoyilūr ...	1	156	8,288	259	8,086	7,858	97.2	97.3
	Tittagudi ...	1	149	4,086	278	3,701	3,196	86.4	90.4
	Ulundurpet ...	1	175	6,850	236	5,025	4,418	87.8	78.5
	Villupuram ...	1	265	10,130	245	8,025	7,327	91.3	79.1
	Vridhachalam ...	1	171	4,851	148	4,299	3,999	93.0	88.6
Bellary ...	Adoni ...	1	155	5,836	166	4,366	3,881	88.9	74.8
	Alor ...	1	85	3,680	194	3,450	3,142	91.1	98.7
	Bellary ...	1	110	4,037	110	3,320	2,657	80.0	82.2
	Hadagalli ...	1	82	4,214	120	3,528	3,177	89.9	98.2
	Harpanahalli ...	1	288	4,501	201	4,064	3,813	93.8	80.8
	Hospet ...	1	147	8,545	205	2,837	2,195	77.4	80.0
	Kodligi ...	1	169	4,202	167	3,864	3,383	87.4	92.0
	Rayadrug ...	1	187	3,943	143	4,344	3,898	89.7	110.2*
	Siruguppa ...	1	93	3,775	254	3,292	2,785	84.6	87.2
	...	...	...	...	...	...	...	...	...
Chingleput	Chingleput ...	1	328	9,283	170	7,768	7,029	90.5	83.7
	Conjeeveram ...	1	308	9,248	160	7,224	6,068	84.0	78.1
	Madurantakam ...	1	382	9,978	256	8,789	8,027	91.3	88.1
	Ponnéri ...	1	426	10,181	262	9,627	8,422	87.5	94.5
	Saidapet ...	1	185	7,994	288	7,101	6,353	89.4	88.8
	Sriperumbudūr ...	1	300	7,015	280	5,781	4,988	86.2	82.4
	Tiruvallūr ...	1	279	7,865	153	6,020	5,284	87.6	76.5
	...	...	...	...	...	...	...	...	...
	Chandragiri ...	1	362	4,926	242	4,294	3,862	89.9	87.2
	Chittoor ...	1	392	10,373	268	8,289	7,149	86.2	79.9
Chittoor ...	Kālahasti ...	1	476	8,692	242	3,967	3,789	95.7	107.2*
	Madanapalle ...	1	138	7,892	216	6,398	5,093	79.7	81.0
	Palmaner and Punganur ...	1	255	6,021	245	4,759	4,011	84.3	79.0
	Puttur ...	1	393	6,701	211	5,845	5,364	91.8	87.2
	Tiruttani ...	1	379	6,908	211	5,771	5,395	93.5	83.5
	Voyalpad ...	1	219	6,363	261	6,868	5,819	84.7	107.5*
	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...

Statement No. VII showing inspection work done by the Health Inspectors during the year 1924-25—cont.

Districts.	Circles.	Number of Health Inspectors.	Number of villages inspected by Health Inspectors.	Total number of cases vaccinated.	Number of days spent on inspection duty.	Number of cases verified by Health Inspectors.	Total number of successful cases as reported by Health Inspectors.	Percentage of successful cases to the total number inspected as reported by Health Inspectors.	Proportion per cent of inspection by Health Inspectors to total number vaccinated.
1	2	3	4	5	6	7	8	9	10
Coimbatore.	Avanashi ...	1	95	9,121	107	8,984	7,756	86.2	98.6
	Bhavani ...	1	70	6,387	149	6,002	5,415	90.2	94.7
	Coimbatore ...	1	107	9,891	210	11,214	9,206	82.1	113.4*
	Dhārāpuram ...	1	108	8,265	125	10,606	9,945	91.1	128.3*
	Erode ...	1	199	8,512	247	7,945	7,207	90.7	93.3
	Gobichettipalayam ...	1	155	9,455	195	8,928	7,253	81.2	94.3
	Kollegal ...	1	83	4,080	231	3,591	2,777	77.3	89.1
	Perundurai ...	1	145	7,105	160	6,056	5,593	92.3	85.2
	Pollachi ...	1	156	10,427	187	10,027	8,011	79.9	96.2
	Tiruppur ...	1	105	13,801	255	11,140	9,881	88.7	80.7
Cuddapah ...	Udamalpet ...	1	193	7,225	228	6,526	5,449	83.5	90.3
	...	...	...	...	...	...	...	...	...
	Badvel ...	1	113	2,898	231	2,815	1,981	70.4	97.1
	Cuddapah ...	1	129	3,165	198	2,998	2,598	86.7	84.7
	Jammalamadugu ...	1	122	5,040	109	5,071	4,065	80.2	100.8*
	Kamālāpuram ...	1	171	5,438	207	4,636	3,698	79.8	85.2
	Proddatur ...	1	79	2,605	74	1,927	1,672	86.8	73.9
	Pulivendla ...	1	348	3,590	130	2,852	2,299	80.6	79.4
	Rajampet ...	1	121	4,957	187	3,809	2,768	83.6	66.8
	Rāyachōti ...	1	148	5,224	111	3,971	3,485	87.7	76.0
Ganjām ...	Siddhout ...	1	97	4,435	239	4,291	3,539	82.5	96.7
	...	...	...	...	...	...	...	...	...
	Aaka ...	1	585	7,861	182	7,860	6,186	78.7	99.9
	Berhampur ...	1	228	6,537	76	5,408	4,701	86.9	82.7
	Chatrapur ...	1	265	7,723	132	5,905	5,183	87.8	76.5
	Chicacole ...	1	479	6,857	83	5,076	4,609	90.8	74.0
	Gunsur ...	1	312	5,803	121	4,705	3,628	77.5	81.1
	Hiramandalam ...	1	407	6,154	121	4,139	3,822	92.3	66.9
	Parlakimedi ...	1	283	5,841	197	3,917	3,310	84.5	67.1
	Perushottapur ...	1	456	7,432	195	6,377	5,754	90.2	85.8
Godāvari ...	Sompeta ...	1	449	7,469	133	5,846	4,919	83.4	78.9
	Surda ...	1	328	4,828	130	3,908	3,115	79.8	80.8
	Tekkali ...	1	546	6,932	104	6,263	5,368	85.7	90.3
	...	...	...	...	...	...	...	...	...
	Alampur ...	1	85	8,818	162	7,954	5,145	64.7	90.2
	Amalāpuram ...	1	108	7,706	232	7,206	5,816	80.7	93.5
	Cocanada ...	1	101	9,743	120	4,540	3,808	83.9	46.6
	Kothapettah ...	1	75	8,289	251	7,964	6,330	79.5	96.1
	Peddāpuram ...	1	211	8,142	241	7,285	6,061	83.8	88.9
	Pithāpuram ...	1	97	7,937	185	5,544	4,883	87.8	70.1
Guntūr ...	Rajahmundry ...	1	84	7,658	109	6,840	5,430	79.4	89.3
	Rāmachandrapuram ...	1	104	9,826	115	8,730	5,104	58.4	88.8
	Razole ...	1	69	7,549	105	5,996	5,159	86.0	79.4
	...	...	...	...	...	...	...	...	...
	Bāpāla ...	1	201	14,415	192	13,086	10,862	83.2	90.6
	Guntūr ...	1	200	10,880	150	9,616	7,939	82.5	88.5
	Guruzala ...	1	288	9,701	180	8,526	7,105	83.3	87.7
	Narasaraopet ...	1	104	11,424	149	9,278	6,802	73.3	81.2
	Ongole ...	1	143	16,050	241	12,839	10,193	79.4	80.0
	Repalle ...	1	69	7,502	135	5,841	4,649	79.6	77.8
Kistna ...	Sattenapalle ...	1	194	12,436	248	10,941	8,950	81.8	88.0
	Tenali ...	1	168	13,159	241	11,802	9,682	82.0	89.7
	Vinukonda ...	1	103	6,749	214	5,229	3,755	71.8	77.5
	...	...	...	...	...	...	...	...	...
	Bandar ...	1	99	3,948	163	4,059	3,589	88.4	102.3*
	Bezavada ...	1	193	9,110	215	8,858	7,439	84.0	97.2
	Bhimavaram ...	1	97	8,709	139	7,361	6,368	86.5	84.5
	Dīvi ...	1	76	7,255	121	6,350	4,614	71.0	87.6
	Ellore ...	1	154	7,084	122	5,481	4,840	88.0	77.4

Statement No. VII showing inspection work done by the Health Inspectors during the year 1924-25—cont.

Districts.	Circles.	Number of Health Inspectors.	Number of villages inspected by Health Inspectors.	Total number of cases vaccinated.	Number of days spent on inspection duty.	Number of cases verified by Health Inspectors.	Total number of successful cases as reported by Health Inspectors.	Percentage of successful cases to the total number inspected as reported by Health Inspectors.	Proportion per cent of inspection by Health Inspectors to total number vaccinated.
1	2	3	4	5	6	7	8	9	10
Kurnool	Dhous ...	1	75	5,845	221	4,971	3,865	77.7	85.0
	Giddalore ...	1	194	4,407	200	3,812	3,265	85.6	86.4
	Koilkuntla ...	1	83	3,984	180	4,395	3,111	70.8	110.0*
	Kurnool ...	1	150	6,087	186	5,117	3,817	74.6	84.0
	Markapur ...	1	194	5,023	224	5,232	4,486	85.7	104.1*
	Nandikotkur ...	1	212	5,012	214	4,301	3,115	72.4	85.8
	Nandyal ...	1	176	2,659	161	2,508	1,984	77.1	94.2
	Pattikonda ...	1	162	6,405	223	5,720	4,601	80.4	89.3
	Sirvel ...	1	86	3,804	284	3,930	2,913	76.7	100.8*
Madura	Dindigul ...	1	69	9,846	112	8,043	6,938	86.2	81.7
	Kodaikanal ...	1	20	1,347	189	1,336	1,220	91.3	99.2
	Madura ...	1	210	7,345	277	5,882	4,262	72.5	80.1
	Melur ...	1	97	8,980	230	7,523	5,401	71.5	83.8
	Nilakkottai ...	1	112	8,333	201	7,092	6,289	88.7	85.0
	Palni ...	1	117	8,075	218	6,773	5,651	83.4	83.9
	Periyakulam ...	1	60	16,447	261	9,899	9,249	93.4	60.3
	Tirumangalam ...	1	290	12,780	216	12,074	10,701	88.6	94.5
	Vedaseandur ...	1	205	8,897	278	7,265	5,676	78.1	81.7
Malabar	Alattur ...	1	78	9,365	79	8,386	7,136	85.1	89.5
	Badagara ...	1	51	7,446	58	6,478	5,935	91.6	87.0
	Calicut ...	1	86	9,831	108	8,664	7,823	90.3	88.1
	Chirakkal ...	1	127	14,765	197	12,671	11,717	92.5	85.8
	Chowghat ...	1	67	9,495	84	8,932	8,140	91.1	94.1
	Manjeri ...	1	85	8,963	80	7,789	6,948	89.2	86.9
	Ottapalem ...	1	125	8,738	202	7,974	7,523	94.3	91.2
	Palghat ...	1	111	10,193	91	9,094	8,010	88.1	89.2
	Perintalmanna ...	1	40	8,083	130	7,417	6,597	88.6	92.1
	Ponnani ...	1	88	2,183	185	7,802	6,875	88.1	85.4
Nellore	Quilandi ...	1	52	8,005	79	7,379	6,914	93.7	92.2
	Tellicherry ...	1	94	12,290	136	12,273	9,279	75.6	99.9
	Tirur ...	1	198	9,315	200	8,642	7,769	89.9	92.8
	Tirurangadi ...	1	163	8,202	245	6,885	6,393	93.6	83.3
	Wynaad ...	1	26	4,645	150	4,669	4,523	96.9	100.5*
	Atmakur ...	1	136	4,900	178	4,617	3,646	79.0	94.2
	Darsi ...	1	97	3,040	68	2,939	2,607	88.7	96.7
	Gudur ...	1	184	4,553	220	4,532	4,011	88.5	99.5
	Kandukur ...	1	160	7,284	233	6,668	5,919	88.7	91.5
The Nilgiris.	Kanigiri ...	1	158	5,400	177	4,666	3,985	85.6	86.2
	Kavali ...	1	304	6,079	233	5,928	4,460	75.2	97.5
	Kovvur ...	1	86	5,009	124	4,249	3,679	86.6	84.8
	Nellore ...	1	185	5,223	207	4,690	4,286	91.6	89.6
	Podili ...	1	63	3,555	84	2,410	1,957	81.2	87.8
	Rapur ...	1	140	2,667	167	2,412	2,075	86.0	90.4
	Udayagiri ...	1	250	3,291	84	3,055	2,782	91.1	93.8
	Venkatagiri ...	1	301	5,857	169	4,140	3,559	85.9	70.7
Rāmnād	The Nilgiris ...	1	74	8,706	205	8,428	7,041	80.5	90.8
	Aruppukottai ...	1	178	7,336	55	5,631	5,090	90.4	78.7
	Mudukulattur ...	1	255	8,051	238	7,288	6,976	96.4	89.9
	Rāmnād ...	1	236	7,531	167	7,948	6,441	81.0	105.5*
	Sattur ...	1	131	7,753	97	6,530	5,743	87.9	84.2
	Sivaganga ...	1	395	6,771	95	6,088	5,367	88.2	89.9
	Sivillipattur ...	1	142	6,381	68	4,854	4,113	84.4	72.9
	Tirupattur ...	1	295	5,400	74	4,014	3,673	91.5	74.3
	Tiruvadanai ...	1	442	7,949	269	3,108	2,368	78.0	39.1
Salem	Attur ...	1	116	6,769	112	5,538	5,112	92.3	81.8
	Dharmapuri ...	1	142	9,295	226	8,996	7,965	88.5	96.8
	Harur ...	1	147	6,394	168	4,736	4,328	91.4	74.1
	Hosur ...	1	142	7,668	221	7,082	5,778	81.6	90.0
	Krishnagiri ...	1	184	10,114	285	8,831	7,840	82.1	87.3
	Nimakkal ...	1	69	9,288	190	7,435	6,849	92.1	80.0
	Omair ...	1	90	8,906	232	8,636	7,863	91.0	96.9
	Rasipur ...	1	51	7,274	101	6,231	5,534	88.8	85.7
	Salem ...	1	267	8,820	260	7,311	7,009	95.9	87.9
	Sankari ...	1	137	10,823	244	10,637	9,330	87.7	96.3

Statement No. VII showing inspection work done by the Health Inspectors during the year 1924-25—cont.

Districts.	Circles.	Number of Health Inspectors.	Number of villages inspected by Health Inspectors.	Total number of cases vaccinated.	Number of days spent on inspection duty.	Number of cases verified by Health Inspectors.	Total number of successful cases as reported by Health Inspectors.	Percentage of successful cases to the total number inspected as reported by Health Inspectors.	Proportion per cent of inspection by Health Inspectors to total number vaccinated.
1	2	3	4	5	6	7	8	9	10
South Kanara.	Coondapoor ...	1	94	7,790	236	7,205	6,479	89.9	92.5
	Karkal ...	1	97	6,108	152	4,841	4,568	94.4	79.2
	Kasaragod ...	1	86	11,874	106	8,535	7,638	89.5	71.9
	Mangalore ...	1	119	10,623	151	10,468	9,299	88.8	93.5
	Puttur ...	1	123	7,012	193	6,298	5,755	91.4	89.8
	Udipi ...	1	116	10,849	204	8,333	7,975	95.7	80.5
	Uppinangadi ...	1	106	5,786	182	3,781	3,331	88.1	65.8
Tanjore	Arantangi ...	1	51	3,935	227	3,740	3,349	89.5	94.9
	Kumbakonam ...	1	171	7,141	121	4,498	3,848	85.7	62.9
	Mannargudi ...	1	177	6,584	238	5,442	5,072	93.2	82.7
	Māvavaram, East ...	1	89	5,471	213	5,284	4,995	94.5	96.6
	Do. West ...	1	149	5,827	203	6,464	5,544	85.8	110.5*
	Nannilam, North ...	1	114	3,901	202	3,516	3,090	87.9	90.1
	Do. South ...	1	114	3,860	234	3,453	3,096	89.6	94.4
	Negapatam ...	1	213	4,665	242	3,385	3,315	97.9	72.6
	Papanāsam ...	1	183	7,241	246	6,587	6,285	95.4	91.0
	Pattukkottai ...	1	228	8,276	171	7,053	6,838	97.0	85.2
Tinnevely	Shiyali ...	1	86	6,862	188	6,131	4,991	81.4	89.3
	Tanjore, North ...	1	314	6,068	234	5,234	4,913	93.8	89.3
	Do. South ...	1	168	6,409	125	5,383	4,886	90.8	83.9
	Tirutturaippundi ...	1	145	7,543	150	8,010	7,723	96.4	106.2*
	Ambasamudram ...	1	101	8,732	230	8,949	7,484	83.6	102.5*
	Kovilpatti ...	1	109	6,789	116	6,704	5,813	86.7	98.7
	Nānguneri ...	1	322	9,988	237	9,725	8,554	87.9	97.4
Trichinopoly.	Sankaranakoil ...	1	158	14,277	194	12,321	10,681	86.7	86.3
	Srivaikuntam ...	1	95	7,766	280	7,413	6,596	88.9	95.5
	Tenkāsi ...	1	102	11,237	141	9,801	8,562	87.4	87.2
	Tinnevely ...	1	115	5,219	194	5,448	4,597	84.4	104.4*
	Tiruchendur ...	1	94	9,243	122	9,252	7,305	78.9	100.1*
	Vilattikulam ...	1	148	8,732	246	7,898	6,758	85.6	90.4
	Ariyalur ...	1	123	7,777	176	5,734	4,764	83.1	73.7
Vizagapatam.	Jayankondam ...	1	95	8,138	86	6,447	5,711	88.6	79.2
	Karur ...	1	130	9,443	132	8,168	7,282	89.2	86.5
	Kulittalai ...	1	75	8,057	127	7,701	6,855	89.0	96.6
	Lalgudi ...	1	105	8,140	134	8,297	7,648	90.9	101.9*
	Manapparai ...	1	151	7,238	103	6,276	5,360	85.4	86.7
	Musiri ...	1	83	6,558	87	5,866	5,287	89.3	89.4
	Perambalur ...	1	114	8,495	109	7,808	7,097	90.9	91.9
Grand total	Trichinopoly ...	1	91	6,550	92	6,962	6,113	87.8	106.3*
	Turaiyur ...	1	76	7,566	172	7,303	6,962	95.3	96.5
	Anakapalle ...	1	97	4,591	180	4,851	4,213	86.8	105.7*
	Bimlipatam ...	1	83	3,684	91	3,855	3,278	85.0	104.6*
	Bobbili ...	1	165	4,010	234	3,849	3,193	82.9	95.9
	Chipurupalle ...	1	266	8,132	126	7,455	6,003	80.5	91.7
	Chodavaram ...	1	223	7,693	142	7,681	6,955	90.5	99.8
	Gajapatinagaram ...	1	275	9,614	194	8,891	7,348	82.6	92.5
	Narasapatam ...	1	136	5,628	150	4,847	4,081	84.2	77.2
	Palkonda ...	1	185	7,588	209	5,998	4,419	73.7	79.1
	Paravatipur ...	1	248	4,160	222	3,854	3,164	82.1	92.6
	Rasam ...	1	309	6,854	116	5,976	5,080	85.0	87.2
	Salur ...	1	209	6,867	121	6,172	4,944	80.1	89.9
	Srungavarapukotta ...	1	185	5,725	53	4,542	3,824	84.2	79.3
	Vizagapatam ...	1	128	5,558	93	4,655	4,052	87.0	83.8
Vizianagaram ...	1	214	9,158	197	7,548	5,543	73.4	82.4	
Yellamanchili ...	1	428	8,959	144	8,756	7,869	89.9	97.7	
Grand total ...		241	45,794	1,773,157	41,916	1,537,796	1,316,125	85.6	86.7

Government of Madras
LOCAL SELF-GOVERNMENT (PUBLIC HEALTH) DEPARTMENT

G.O. No. 1993-P.H., 28th September 1925

Vaccination—Report of the Director of Public Health for 1924-25—Reviewed.

READ—the following paper:—

Letter from Major A. J. H. RUSSELL, M.A., M.D., D.P.H., I.M.S., Director of Public Health, Madras, to the Secretary to Government, Local Self-Government (Public Health) Department, dated Ootacamund, the 25th June 1925.

Order—No. 1993-P.H., dated 28th September 1925.

Recorded.

2. The progress in vaccination work which followed the introduction of the Health Scheme was steadily maintained in the year under review. There was marked improvement in

(1) the total number of operations performed which exceeded 2 millions (2,033,997)—an increase of 121,432 over the previous year's figures;

(2) the total number (1,542,419) of successful cases which reached a percentage of 83·7 compared with 81·7 in the previous year and 69·6 in 1920-21;

(3) the total number (652,157) of successful infantile vaccination, which increased by 79,327;

(4) the decrease in the cost per successful case—5 annas 9 pies against 8 annas 9 pies in 1923-24; and

(5) the decrease in the number of deaths (20,227) from smallpox which was 2,000 less than in the previous year.

3. There was an increase in the number of operations in 17 districts and a decrease in 8, Guntūr (plus 23,321) standing highest and Malabar (minus 25,782) being last in this respect. The highest success rate per mille of population was recorded in the Nilgiris (71·5) while South Arcot (25·8) had the lowest record. With the exception of Nellore and Rāmnād districts there has been a general improvement in infantile vaccination. Trichinopoly stands first with an increased rate of 21·0 per cent.

4. In municipalities an increase of 53,463 was recorded in the operations performed. Madras showed an increase of 40,361. Seven other municipalities also recorded increases while there were decreases in twelve. It is observed that while decrease in the number of operations is an obvious sign of slackness, the fact that there has been an increase is by no means a sure or correct index of real improvement. The increase is in many cases due to actual or threatened outbreaks of smallpox. The maximum and minimum rates of successful cases per mille of population in municipalities were 153 in Ongole and 20·2 in Tiruvalur. The percentage of success was the highest in municipal areas 97·5 against 94·3 in local fund and 91·8 in Government (Agency) areas, the lower percentage in these two areas being due partly to the fact that the lymph deteriorates in transit and partly to delay in its use.

5. The causes that contributed to retard the progress of vaccination in the past continued to operate in the year under review :—

- (1) failure to introduce compulsion in many districts ;
- (2) the reluctance of local bodies to enforce the provisions of law relating to compulsion ;
- (3) the failure of local revenue officers to report promptly cases of outbreak and to maintain correctly the registers of vital statistics ;
- (4) failure to employ an adequate and duly qualified staff of vaccinators ;
- (5) the absence, especially in municipalities, of adequate supervision over the work of vaccinators ; and
- (6) the activities, though limited at present, of the anti-vaccinationists.

6. Vaccination work has been the subject of a certain measure of public criticism owing to the slack and indifferent work of the vaccinators. Local bodies are requested to take immediate steps to rectify the defects pointed out above. Collectors are also requested to impress again upon village headmen the necessity for co-operating with the health staff in vaccination work in rural areas. The Government have called for reports from the local bodies and the Collectors concerned on the statements made by the Director of Public Health in paragraphs 9 (b), (d) and 11 of his report on the following points :—

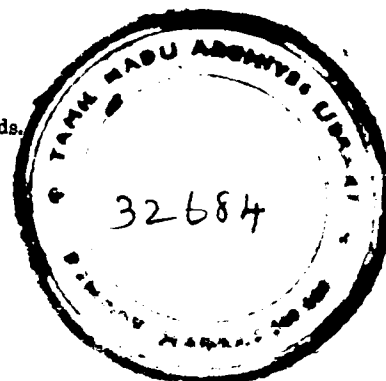
- (1) the failure of certain union boards and their presidents to carry out the obligation vested in them by statute ;
- (2) the failure of the revenue authorities to report promptly outbreaks of smallpox ; and
- (3) the indifference of the Nandyal Taluk Board in not employing the necessary vaccination staff even though smallpox was prevalent within the Taluk Board area.

7. The Government are glad to note that as many as 19,000 unprotected children were detected in the Tanjore district by the district health staff mainly during the hot weather when vaccination work was suspended. They, however, observe with regret that some local bodies did not realize the importance of such work and either granted leave to vaccinators during the off-season without employing substitutes, or utilized their services for work unconnected with vaccination.

[By order of the Government, Ministry of Local Self-Government (Public Health) Department]

C. B. COTTERELL,
Secretary to Government.

To the Surgeon-General.
 „ the Director of Public Health.
 „ the Law (General) Department.
 „ the Revenue Department.
 „ the Board of Revenue, Land Revenue and Settlement.
 „ the Director of Public Instruction.
 „ the Accountant General.
 „ the President, Corporation of Madras.
 „ all Collectors.
 „ all Presidents of District Boards.
 „ all Chairmen of Municipal Councils.
 „ the Inspector of Municipal Councils and Local Boards.
 „ the Examiner of Local Fund Accounts.
 „ the Assistant Quartermaster-General.
 „ the Consul-General of the Netherlands.
 „ the Consul-General for Siam at Calcutta.
 Editors' Table.



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