

DIGITIZED

28848

SELECTIONS FROM THE RECORDS
OF THE MADRAS GOVERNMENTS

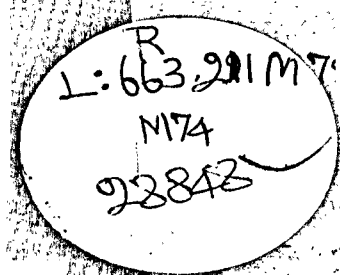
NO. XXXVI

REPORT ON VACCINATIONS

THE PRESIDENCY AND
PROVINCES

MADRAS

1872-73



Selections from the Records of the Madras Government

No. XXXVI.

REPORT ON VACCINATION

THROUGHOUT

THE PRESIDENCY AND PROVINCES

OF

MADRAS,

IN THE YEAR

1872-73.

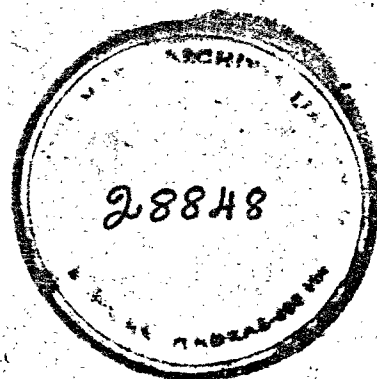
PUBLISHED BY AUTHORITY.

MADRAS:

PRINTED BY E. KEYS, AT THE GOVERNMENT PP

1874.

செப்பனிருபவர் பெயர்
செப்பனிருவதற்காக எடுத்தக்
கொள்ளப்பட்ட நாள் செப்டம்பர் 1872
செப்பனிரு முடித்த நாள்
சுரபார்க்கும்
மு.பா.எ.
கையொப்பம்.
ஆரா மீசு
உதயசுந்தரன்
கையொப்பம்.



R 2
L: 663. 211 Y 173
174

No. 419.

OFFICE OF SURGEON-GENERAL,
INDIAN MEDICAL DEPARTMENT,
FORT ST. GEORGE, 5th November 1873.

From

SURGEON-GENERAL E. G. BALFOUR,
Surgeon-General, Indian Medical Department,
Fort Saint George,

To

THE HONORABLE W. HUDLESTON,
Chief Secretary to Government,
Fort Saint George,

SIR,

I HAVE the honor to forward herewith, for submission to the Right Honorable the Governor in Council, the report of the Superintendent-General of Vaccination for the official year 1872-73, being his eighth Annual Report.

2. *Superintendent-General.*—During the year under review the Superintendent-General visited 16 districts and stations in the Central and Southern portions of the Presidency, and also the Laccadives. It is observed, however, that the Vaccine Establishments in Ganjam, Kistna, Nellore, and Vizagapatam have not been inspected since 1870-71, and I have, therefore, instructed the Superintendent-General to proceed on tour through these districts as early as possible.

3. *Vaccine Establishment.*—At the close of the year under review the staff employed by the Superintendent-General consisted of the following Superintendents and Vaccinators:—

	Superintendents.	Vaccinators.
East Indians	2	10
Hindus	14	183
Mahomedans	4	31
Native Christians	2	16
Brahmins	1	4
Total	23	244

4. *Casualties in the Establishment.*—During the 12 months the establishment was 3.61 per cent. below its authorized complement. Seventy-nine casualties, including the dismissal of the Superintendent at Coimbatore, occurred within the year, and 77 appointments were made. The casualties were as follows, and plainly indicate that employment in the Vaccine Department is very unpopular and very injurious to health:—

Deaths	...	...	...	...	...	...	8
Resignations	...	...	...	...	...	...	12
Dismissals	...	...	...	...	...	...	9
Desertions	...	...	...	...	...	...	16
Failed to join after appointment	...	...	...	...	...	...	34
Total	...	...	...	...	...	...	79

Taking the average strength at 255, the mortality as above gives a death-rate of 3.13 per cent., and there can be no doubt that the exposure and fatigue to which a Vaccinator is subjected involve unusual risk to health and life, and also render employment in this department unpopular. The deaths took place in the following districts, viz., two in South Canara, and one each in Chingleput, Tinnevely, Kurnool, Vizagapatam, Ganjam, and Jeypore. The desertions were in the ratio of 6.27 per cent. of strength, and took place in the following districts, viz., Salem, three, Cuddapah three, Kurnool two, Madras one, North Arcot one, Madras one, Tinnevely one, Coimbatore one, South Canara one, Nellore one, and Jeypore one. Such a large number of desertions, and the failure of no less than 34 to join after appointment, unmistakeably show that the duties are deemed to be heavy, other employment in the public service being eagerly sought after by natives. The resignations amounted to 12, or 4.70 per cent. of strength. Eliminating the deaths from the above list, it appears that the other casualties amounted to 71, or 27.8 per cent. of the mean strength, during the year. Regarding the desertions and resignations, the Superintendent explains that the Vaccinators are dissatisfied with their pay and position, and I shall, therefore, have the honor to submit a separate report on these points at an early date. Eighty-two per cent. of the staff can read and write English.

5. *Total of Operations.*—This during the year amounted to 338,602, or 58,125 in excess of the previous year's work. Of this excess, 31,791 operations are to the credit of the Vaccination Department proper, and there has been a greater desire to be protected by vaccination from the circumstance that there was an invasion of the whole Presidency by epidemic small-pox. The epidemic was most virulent in the Madras, Tinnevely, Madras, Godavery, Tanjore, Kistna, South Arcot, North Arcot, and Bellary Districts.

6. *Infantile Vaccination.*—It is an encouraging feature of the past year's work that 8,255 more children under one year of age have been vaccinated than in the previous year.

7. *Percentage of Successful Operations.*—Coimbatore, Madras, and Tanjore, in the order in which they have been mentioned, have excelled in the total of operations performed. The percentage of successful operations, however, as highest in the Vaccine Depot, Madras, where

it reached 99.38; in the Madras Collectorate it was 98.71; in Trichinopoly, Salem, Nellore, and Madura it ranged from 98.23 to 98.65. The smallest ratio of success appertains to Ganjam, where it was as low as 79.51.

8. *Private Vaccination, and Vaccination by those unconnected with the Vaccine Department.*—The Private Vaccinators have worked well, and show an increase of 2,132 operations over the previous year's return. An equally favorable report is given of the outturn of work by the "Price Vaccinators," those of the Municipalities, and the body of Temporary Vaccinators. It is, also, noteworthy that Medical Subordinates have been more successful in their efforts to extend this prophylactic; for their labors during the period under review are represented by 4,365 more operations than in 1871-72.

9. *Decrease of Work.*—In Military Cantonments, Zemindaries, and among the Railway Apothecaries there was less done, and the diminished results are not accounted for.

10. *Female Vaccinators.*—The corps of Female Vaccinators is still small, but very useful; simply because much of the work which these women do would not be done if they were not employed to perform it.

11. *Money Payment to Candidates for Vaccination.*—I made an interesting and very successful experiment in this during the year. It was commenced in the town of Madras on the 5th of April, and was brought to a termination on the 29th of June. Its proved success has led to its introduction in other places, and to its renewal in the Presidency town. It consisted in the giving of a small money payment to every person operated on. Each individual subjecting himself to the operation received at the time one anna, on returning the fifth day to show the result of the vaccination he received six pies more, and on the eighth day other six pies, making two annas in all. If the vesicles on the eighth day were such as to furnish good lymph, the Superintendent-General states that he gave a special allowance of from two annas to one rupee to those subjects who consented to removal of the fluid. Under this inducement, hundreds of men, women, and children hastened to be vaccinated, while caste-prejudices, the usual excuses of unpropitious days, new moon, social ceremonies, and festivals were all thrown to the winds. The small sum of two annas was evidently quite enough to overbear all other considerations. In three months no less than 6,056 cases were vaccinated within municipal limits, at the cost of Rupees 662-4-0.

12. *Cost of Vaccine Department.*—This is covered by Rs. 93,361-1-3, or about Rupees 10,000 below the sanctioned expenditure. The average cost of each successful case has been Annas 4-11. In Coimbatore District for each case it was Anna 1-11, the lowest of any district. In Jeypore it was Rupees 5-2-3. In no district, however, did the

Vaccine Department perform its work as cheaply as the "Price Vaccinators" in Salem, where each successful case cost Anna 1-1.

13. *Taluq Vaccinators*.—The Superintendent-General still views with disfavor the present distribution of Vaccinators in taluqs, and he also represents that his staff are underpaid. These points will form subjects for a special report which I purpose submitting to the Right Honorable the Governor in Council.

14. With reference to the late date at which this report is submitted, I beg to inform His Excellency in Council, that it was not received till the 20th ultimo, but the Superintendent-General has been directed to exercise greater expedition in submitting the report for the current year.

I have the honor to be,

Sir,

Your most obedient servant,

EDWARD BALFOUR, Surgeon-General,
Surgeon-General, Indian Medical Department.

EIGHTH ANNUAL REPORT OF VACCINATION

IN THE
MADRAS PRESIDENCY

FOR THE YEAR 1872-73.

I have the honor, in submitting the eighth Annual Report of Vaccination in the Madras Presidency for the year 1872-73, to state that there has been no change in the establishment during the year under review. The increase of the staff of Superintendents and Vaccinators by the Local Fund Boards may be anticipated during the next year.

2. During the year under review the establishment was 3.61 per cent. below strength, and our best efforts are made to keep the establishment up to its fixed complement. There have been 78 casualties and 77 appointments. 210 of the whole strength, or 82 per cent., can read and write English and keep their registers in that language.

3. There has been only one casualty among the Superintendents during the year. The Superintendent of Vaccination of the Coimbatore District, notwithstanding frequent admonitions and repeated fines for gross carelessness and neglect of duty, was removed from the department on the 21st March 1873, and his place has been filled by a Vaccinator of the Nair caste from the Malabar District, who is now officiating in the appointment.

4. The casualties among the Vaccinators consist of the following:—12 resignations, 8 dismissals, 16 desertions, 8 deaths, and 34 who were appointed did not join. The resignations occurred in Chingleput, North Arcot, Trichinopoly, Tinnevely, Coimbatore, Bellary, South Canara, and Kistna, being one in each of the first five, and two in each of the last-named districts. One resignation also occurred in the Military Cantonment of Secunderabad. Of the dismissals two occurred in South Arcot, two in Tinnevely, and in North Arcot, Cuddapah, and Coimbatore one each; one dismissal also took place in the Military Cantonment of Kamptee. There were three desertions in Salem, three in Cuddapah, two in Kurnool, and one in each of the following districts: Madras Collectorate, North Arcot, Madura, Tinnevely, Coimbatore, South Canara, Nellore, and Jeypore (Hill Tracts of the Vizagapatam

act). Of the eight deaths, Chingleput, Tinnevely, Kurnool, Vizagapatam, Jeypore, and the Hill Tracts of Ganjam occasioned one each, and two occurred in South Canara.

5. Much fault had to be found with the Superintendents, generally for carelessness and neglect of duty, and fines to the amount of Rupees 277-8-0 had to be levied, showing an excess of Rupees 217-8-0 over that of the previous year.

6. One Vaccinator in South Arcot was dismissed for false returns of work, and another in consequence of refusing to sign the agreement to bind himself to serve for three years after joining the district.

7. Rupees 83-12-8 were imposed as fines on Vaccinators for carelessness, neglect of work, and disobedience of orders. This sum is less by Rupees 257-12-7 than that realized during the previous year, showing that the Vaccinators, on the whole, have been more cautious and careful in the discharge of their duties.

8. The total amount recovered from the department during the year under notice comprises—

	RS.	A.	P.
Recovered as fines from Superintendents and Vaccinators	361	4	8
Recovered from those who resigned ...	171	6	4
Recovered on account of sickness, absence, suspensions, leave with forfeiture pay	826	12	6
Recovered from undrawn pay of desertions	150	0	0
Recovered from non-completion of the establishment	2,036	1	0
Total ...	3,545	8	6

9. The present staff comprises—

	Superintendents.	Vaccinators.
East Indians... ..	2	10
Hindus	14	183
Mahomedans	4	31
Native Christians	2	16
Brahmins	1	4
Total ...	23	244

10. The year under report has been one of much anxiety to this department, owing to the unusual prevalence of small-pox in a severe epidemic form throughout the Presidency. In some stations and districts it showed itself with greater intensity than others. Thus

Madras, Tinnevely, Madura, Godavery, Tanjore, Kistna, South Arcot, North Arcot, and Bellary suffered most, and it called for the most strenuous exertions on the part of this department to contend with the obstinacy of the public, who, believing the disease to be the visitation of a deity, persistently rejected our best efforts to reach them, and after much patient thought and consideration, the happy idea of bribing the people to accept the prophylactic was introduced. In a letter to the address of the President, Municipal Commission, No. 382, dated 18th March 1872, the Sanitary Commissioner, Madras, suggested the increase of Vaccine Depôts for the issue of rice as batta to the poor in consequence of the presence of much small-pox in the town. On receipt of a copy of this letter from the Sanitary Commissioner, I laid it before the Surgeon-General, and suggested the payment of a small sum of money in lieu of rice as batta to the poor, and limited the amount to 2 annas to each individual vaccinated at their own houses in the various districts. The Surgeon-General readily adopted my suggestion and advanced the money from his private funds to enable me to proceed with the work at once on his own responsibility, and evinced the greatest interest and anxiety in the furtherance of the work; and by the support and countenance of Dr. Balfour, I started four stations in the 1st District of the town of Madras in the vicinity of Royapooram, (where among the boatmen, Iabbays, and other caste people we usually met with the most formidable resistance) to pay 2 annas to every subject vaccinated, that is, one anna on the day of operation, half an anna on the fifth day, and another half an anna on the eighth day, and a special allowance of 2-4-4+8, or 1 rupee to subjects selected to furnish arm lymph. For the first few days the people came in rather slowly, but after that they struggled in crowds. The Vaccinators, of whom there were two, sometimes four, the Superintendent of Vaccination, and myself were on the spot, and as much as we could do was to operate away as fast as they came from two to four hours of a morning, and pay the one anna to each. On the fifth day the insertions were carefully inspected and the failures had fresh lymph inserted in them, and they were paid the half anna. On the eighth day the cases were again examined, and subjects to furnish arm lymph were selected. All the cases operated on did not come on the eighth day: some from fear that lymph would be taken from them, and others, owing to secondary fever, were unable to present themselves; but we had a great hold on the subjects operated on by carefully inspecting them on the fifth day and taking steps to ensure the success of every insertion made on their arms. Our success was great. Respectable-looking natives, men, women, and children, well dressed and some times covered with jewels, of all ages, from the infant at the breast to adults, came and got vaccinated, received the anna, made their salaam, and walked off. Before the bribe of 2 annas caste-prejudice, good and bad days, social ceremonies, want of practice, new moon, and other festivals all vanished.

11. The greatest success we met with was with children ranging from five to ten years and upwards, whose parents, even when favorable to vaccination, could not control, as they would flee at sight of the Vaccinator and conceal themselves. These now came forward willingly at the sight of the money offered them. Thus in places where we could not by coaxing procure a single subject, we now got them by the hundreds, and in three months succeeded in operating on 6,056 cases at a cost of Rupees 662-4-0.

12. This work was commenced on the 5th April 1872, and carried out in three out of four of the districts in the town of Madras, and was brought to an abrupt termination on the 29th June 1872, much to our regret.

13. On the 1st February 1873, at the request of the President of the Municipality of Calicut, I personally organized and started the batta system, and during the period of two months 2,506 subjects, at a cost of Rupees 127-11-8, were vaccinated, whereas the usual monthly average in the town of Calicut prior to this never exceeded 80 operations. In other places also, where the batta system has been since tried, the result has exceeded the expectations formed of its success, and two important questions were also solved by the experiment.

14. The first was to show that there existed no religious, social, or other prejudice among the people, and their neglect of vaccination was simply occasioned from general apathy and want of interest in the matter; for, as soon as an inducement in the form of batta was offered, they came at once and submitted to the operation without reference to day, hour, or ceremony of any kind.

15. The second question proves that there is nothing to prevent the practice of vaccination being made compulsory; but I do not recommend compulsion at present, as it would tend to cause much dissatisfaction and give rise to prosecutions, to avoid this and until the people are in a position to appreciate the practice of vaccination better, it would be preferable to bribe them, if the means to do so is forthcoming.

16. Details of the work carried out in the town of Madras in the months of April, May, and June by the payment of money has been given in my letters Nos. 564, 745, and 884, dated respectively 2nd May, 3rd June, and 5th July 1872 to the address of the Secretary to the Surgeon-General, and has been before Government also, that it is not necessary to repeat the same again here.

17. In the annexed tables particulars of the several districts, their Superintendents and Vaccinators, area, population, total number of operations of adults and infants under one year of age, with percentage of success, cost of establishment, value of each operation, and caste and sex are given. *Vide* Appendix, Forms I. and III.

18. The total of operations and percentage of success varies in the different localities as usual; and among the districts, Coimbatore stands first in the total of operations, and Madura second, whereas last year it was just the reverse. Tanjore third, and then follow South Arcot, Bellary, South Canara, Nellore, Malabar, Madras Collectorate, and Salem, all showing a total above 10,000 operations, whilst the Hill Tracts of Jeypore and Ganjam show only 714 and 908 operations; and Kurnool has again decreased to 2,127, less by 1,131 operations when compared with the work of the previous year; but the average of work for the 20 districts is 10,750 vaccinations.

19. On comparison with the work of the previous year the department proper shows an increase of 31,791 operations. This increase has been occasioned by the system of paying money bribes in the town of Madras and greater exertions on the part of the Superintendents and Vaccinators in the Chingleput, North Arcot, South Arcot, Trichinopoly, Malabar, Tanjore, Madura, Salem, Coimbatore, Nellore, and Vizagapatam Districts and the Hill Tracts of Ganjam; whilst in the following districts there is a decrease below that of the previous year, ranging from above 200 to below 2,000 operations—Bellary, South Canara, Kistna, Godavery, Ganjam, and Jeypore.

20. The percentage of success, in like manner, varies in the different districts: the highest attained is at the Vaccine Depot, 99.38; in the Madras Collectorate it was 98.71. Trichinopoly, Salem, Nellore, and Madura follow in order, ranging from 98.65 to 98.23 per cent. of success, and South Arcot, North Arcot, and Tanjore show little above 97 per cent.; whilst South Canara, Chingleput, Coimbatore, Vizagapatam, Bellary, Tinnevely, Cuddapah, and Kistna vary from 90.47 to 96.82 per cent. The smallest percentage of success was in Ganjam, being 79.30, and Kurnool and Godavery show respectively 89.67 and 87.55. The average percentage of the 20 districts was 96.24.

21. The numbers vaccinated during the past seven years are as follows:—

1866	...	...	...	...	...	194,509
1867	...	...	...	...	...	270,749
1868	...	...	...	...	...	264,697
1869	...	...	...	...	...	255,685
1870-71	...	...	...	...	...	273,520
1871-72	...	...	...	...	...	280,477
1872-73	...	...	...	...	...	338,602

22. The year under notice shows a total increase of 58,125 operations throughout the Presidency during the year, constituting the following particulars:—

Departments.	Total of Operations.	Increase.	Decrease.	Remarks.
19 Vaccine Districts and Vaccine Depot	215,004	31,791	..	..
3 Military Cantonments	3,840	..	623	..
Private Vaccinators	3,236	2,132	..	..
Temporary Vaccinators	3,828	633	..	..
Vaccinators worked temporarily in South Canara and Bangalore	..	..	3,911	..
Temporary Government Establishment of Ramnad and Shevanga Zemindaries	9,311	8,000	..	..
Medical Subordinates	22,764	4,365	..	..
Municipalities	42,459	14,161	..	..
Zemindaries	31,555	..	856	..
Civil Dispensaries	751	167	..	..
Price Vaccinators	5,842	2,277	..	..
Railway	12	..	11	..
Total ..	338,602	63,526	5,401	58,125

This table shows a large increase of 58,125 operations over that of the previous year, occasioned by work of the department proper, Private and Temporary Vaccinators, Medical Subordinates, Municipalities, Civil Dispensaries, and Price Vaccinators chiefly.

There is a decrease of work in the Military Cantonments and Railway Apothecaries not accounted for, as also in the work of the Zemindary Vaccinators.

23. The increase was principally occasioned owing to the extensive and severe outbreak of small-pox in the several districts resulting in the employment of Temporary Vaccinators by some of the Municipalities and Local Fund Boards, as well as to the greater exertion of the vaccine staff generally.

24. I shall now review the reports of my Assistants in the several districts.

1.—BELLARY DISTRICT.

The Superintendent reports 13,006 operations, of which 11,950 proved successful, 722 unsuccessful, and 334 with results not known; but the total shows a decrease of 1,501 operations under that of the previous year, which is accounted for by the prevalence of much dengue fever in the district, as well as some changes among the staff of Vaccinators. Another drawback is the payment of batta in money in the municipal towns, and during the circuit tour of the Collector, the people clamour for batta and prefer to wait for the same during the *Jumbundy*, and thus risk their lives in taking small-pox for the chance of an anna or

two and no coaxing or persuasion can shake their resolution when once determined. The Superintendent complains that the Revenue officials do not evince sufficient interest in vaccination. Small-pox is said to have prevailed throughout the district during the year under review. The Superintendent complains of difficulty in maintaining arm lymph for work, as the people refuse lymph to be extracted from the arms of their children for propagation. He condemns the system of placing Vaccinators out in the taluqs, owing to the great distance between himself and most of his staff, and that he is not in a position to inspect their work frequently, and suggests the former system of working the Vaccinators in a body be adopted. 4,042 children under one year of age were vaccinated, of these 3,630 are reported successful, 302 unsuccessful, and the results of 110 not known.

A Female Vaccinator was sent out to the town of Bellary on special duty in January last to work among the *goshas* females of the several native regiments in that cantonment, and she operated on 576 cases in three months, and then rejoined head-quarters at Madras. During the year two Vaccinators resigned their appointments, and two were removed on promotion to other districts.

I was at Bellary on the 4th September 1872 and inspected the Superintendent, his staff of Vaccinators, records, and vaccine lymph in use, and had much fault to find with the Superintendent, owing to inattention to orders, and he was reprimanded and warned that a repetition will result in dismissal from the department, and after spending a week with the staff I left for the adjoining district. On the 20th September I was at Gooty, where the Superintendent met me and showed me the working lymph in use in the taluqs, and I re-inspected the records to see that they were brought up, and left for the next district. The working vaccine lymph was excellent, and the work of vaccination generally good. 1st-class Vaccinator Rampaswamy Moodelly, No. 19, performed 579 infantile operations, the largest number performed in the district by any single Vaccinator. The cost of each vaccination was annas 4 and pice 11. Percentage of success was 94.50.

2.—CHINGLEPUT DISTRICT.

The Superintendent reports 7,827 operations, with 7,486 successful, 224 unsuccessful, and 117 unknown. On comparison, there is an increase of 851 operations over that of the previous year. Small-pox prevailed in the district to some extent, and every exertion was made to suppress the disease. 738 infants were operated on, of whom 717 were successful, 15 unsuccessful, and 6 unknown. The vaccine lymph in use is good. One Vaccinator resigned, and one died in this district. The Superintendent

ent himself was detached on special duty for two months, whilst the experiment of giving money to those who were willing to be vaccinated was being tested in the town of Madras. 1st-class Vaccinator Armogum, No. 101, performed the largest number of infantile vaccinations—193 in the district. The cost of each vaccination is 5 annas 6 pice. The percentage of success was 95.79. On the 14th March 1873 I inspected the Superintendent's records and vaccine staff of this district at Conjeveram, as well as the working lymph in use in the district, and was satisfied with all I saw. The Superintendent met me again at the Railway Station, Avady, and showed me on the 17th March some excellent vaccine vesicles in a subject.

3.—COIMBATORE DISTRICT.

The Officiating Superintendent reports 28,319 operations, of these 25,398 were successful, and 2,921 unsuccessful, inclusive of those unknown. There is a large increase, showing 17,807 operations over that of the previous year. This was, in a great measure, owing to the prevalence of a severe outbreak of small-pox in the district, and great exertions were made by the vaccine staff to meet the epidemic. The Local Fund Board were also good enough to sanction the employment of two Temporary Vaccinators. The number of infants vaccinated was 4,016, of whom 3,679 were successful, 228 unsuccessful, and 109 unknown. All the Revenue officials of the district, owing to pressure from the Collector, assisted the Vaccinators very materially, which, in a great measure, accounts for the large increase of work shown. Two Private Vaccinators were commissioned to work in this district, and they show 1,412 and 429 operations respectively. One Vaccinator resigned, another deserted, a third was dismissed, and a fourth was removed from the district.

I visited Coimbatore on the 4th December 1872, and on the 5th was present at a municipal meeting: went into the town and inspected some cases of vaccination with the Collector of the district, chiefly work of the Municipal Vaccinator. The Superintendent of Vaccination of the district was away on a tour of inspection to the Neilgherry Hills. On the 19th of March 1873 I again visited this district, and joined the staff at Erode, where I met the Superintendent of Vaccination and staff of Vaccinators. I inspected the staff and records, and had to find much fault with the Superintendent, suspended him from office, and eventually dismissed him from the department: went into the town of Erode with the Vaccinators, and had 206 subjects vaccinated in the place in my presence during that day. The vaccine lymph in the district is good. The percentage of success was 94.93, and the cost of each vaccination was 1 anna and 8 pice.

4.—CUDDAPAH DISTRICT.

The Superintendent reports 4,180 operations, with 3,653 successful, 328 unsuccessful, and 199 unknown, giving a percentage of 91.76 of success; but when compared with the work of the previous year, there is a small decrease of 179 operations, satisfactorily accounted for in the prevalence of much dengue fever in parts of the district, excessive rains, and the incompleteness of the staff, chiefly occasioned by one dismissal, three desertions, and two transfers to other districts, yet the work of the individual Vaccinators is good for the number that work throughout the year, and stands favorable comparison with the work of the previous year. Though the inspections of the Superintendent have not been so frequent as they should have been, owing to his having to visit many distant and remote parts to inspect work, vaccination continues still backward in the district, the usual frivolous excuses of bad day, sickness, absence of relatives or parents from the village, &c., are advanced, and in many parts the people are determined in their efforts to refuse vaccination, that they will not give heed to any explanation offered as to the benefits conferred by vaccination, and prefer a visitation of small-pox. Nothing but opposition and disappointment meets the Vaccinator at every turn. In some villages a rumour has spread that the Government intend to levy a tax, and with that view the people are being marked off. Any mischief-maker can create the greatest alarm among the rural village communities by connecting anything he may have to say with vaccination—so terrified are the people at the very name of vaccination. Under these circumstances the Superintendent urges that vaccination should be made compulsory, or that small-pox subjects should be isolated, so as to convince the people of its destructive nature, or that the people should be bribed to accept vaccination.

The Superintendent suggests that repeated notifications should be given during the year to the Native officials of the district by the Collector to give their support and countenance to the practice of vaccination. Small-pox prevailed epidemically throughout the district during the year under notice, and every means were taken to protect the unprotected by vaccination. 375 infants were vaccinated. The lymph has been good and effective. Great difficulties exist to procure arm lymph for propagation. Vaccine lymph has been supplied to the Medical Officers of the district, and it was sent out to be tested to 12 Superintendents of other districts. The cost of each case of vaccination was 8 annas 10 pice. The Superintendent suggests that annual rewards should be given to the most successful Vaccinators. He complains of the inadequacy of the salary of second-class Vaccinators, and this he believes has been the main cause of desertions occurring frequently in spite of agreements, as Vaccinators find that their means does not admit of their living in the district. Under these circumstances he proposes

that the salary of 2nd-class Vaccinators should be increased, and he urges the necessity of a peon being allowed him, and complains that no conveyance allowance or rail-fare, &c., is conceded to the Vaccine as to other departments.

I visited Cuddapah on the 28th August 1872, and remained in the district till the 4th September, during which time, in consequence of constant rain, I was unable to move about much. I inspected the staff and records and the vaccine lymph in use, as well as the work of the Municipal Vaccinators. The lymph in use, both in the district and town, was good, and the work, though small, well executed.

I also saw the Collector on the subject of vaccination. I returned to the district on the 21st, and inspected several children with good vaccine vesicles and the records, as the Superintendent had been remiss in not having them brought up to date at my last inspection, and I now found everything in order and correct, and returned to Madras.

5.—GANJAM DISTRICT.

The Superintendent reports 908 operations, of which 648 were successful, 169 unsuccessful, and 91 unknown; there is a large decrease of 198 operations.

The Superintendent attributes this decrease chiefly to the great prevalence of cholera, dengue fever, and small-pox in the district as the cause of the decrease, as well as the want of assistance from the Magisterial authorities. He believes that ignorance, carelessness, and disinclination on the part of the people interfere greatly with the spread of vaccination. This, he says, is the case even with those who are educated, who prefer the evils of small-pox, to a little exertion on their part to take advantage of vaccination.

The lymph in use is reported to be good. Seventy-two tubes and fourteen glass plates charged with vaccine lymph were supplied to the medical and other officers of the district during the year under notice. The percentage of success was 79.3, and the value of each case is Rupees 2-9-6. The Superintendent had been in charge of the Hill Tracts, and has been only six months in charge of the Ganjam staff.

6.—HILL TRACTS.

The Superintendent reports 1,808 operations, at a cost of Rupees 1-8-11 each. 1,743 were successful, 34 unsuccessful, and 31

unknown. The percentage of success was 98.08. A portion of the work only was done on the Hill Tracts, and the rest on the plains in the immediate vicinity of the hills. The Superintendent has been in charge for only six months in the year. Hitherto the staff, as originally suggested by the Assistant Agent, worked only for three months in the year on the hills; and the rest of the time in the Gumsur Taluq. There is a small increase of 632 operations over that of the previous year. 148 infants were vaccinated during the year under notice. These hill tracts are very sickly. There was one death and eight changes among the Vaccinators owing to ill-health. Two Ooryah natives of these hills were appointed Vaccinators, and they are now working satisfactorily; others will be entertained as soon as suitable men are procurable to take the place of the other four Vaccinators now working on these hills.

7.—GODAVERY DISTRICT.

The Superintendent of Vaccination reports 8,800 operations; 7,394 successful, 1,051 unsuccessful, and 355 unknown, and on comparison with the previous year there is a large decrease of 1,468, owing to a severe outbreak of small-pox generally throughout this district. Five Temporary Vaccinators were entertained at the suggestion of this department, who operated on 1,150 subjects, of whom 940 were successful, 147 unsuccessful, and 63 unknown. The percentage of success was 87.55. The Superintendent attributes the decrease to the presence of small-pox, the want of activity on the part of two Vaccinators of his staff, and excessive and continued rainfall for several months and the incompleteness of the staff of Vaccinators. Unfortunately, during the presence of small-pox no efforts on the part of the Vaccinators can overcome the prejudice to vaccination, and as small-pox prevailed generally in the district, and there being only one Vaccinator to each taluq, they could not be withdrawn to send to another part where the disease showed itself in greater virulence, and because the Superintendent of Vaccination refused to withdraw the Vaccinators whilst small-pox was present in every taluq, and applied for the services of a few extra Vaccinators, the then Collector of the District, H. E. Sullivan, Esquire, reported the matter to Government, and I had, through the Surgeon-General of the Indian Medical Department, to urge the matter to Mr. Sullivan's successor. Five temporary Vaccinators were entertained for three months only, and just as they were settling to work they had to be discharged by orders of the Local Fund Board. The Superintendent believes that the opposition to vaccination is so great and determined that nothing short of compulsion can induce the people to submit, and that the practice of vaccination should be

made compulsory, and that it behoves Government to do so, like the abolishment of suttee, infanticide, &c. Compulsory vaccination will be quietly accepted. The Superintendent of the Central Jail, Rajahmundry, reports very favorably of the vaccine lymph in use in this district. 647 prisoners were vaccinated by the Vaccinators, of which 345 are reported successful, most of the others being small-pox marked, or had marks of previous vaccination. Seventy-six tubes of vaccine lymph were supplied to Medical and other officers of the district. The small salary of Vaccinators of the 2nd Class is complained of greatly. 551 infants were vaccinated. The Superintendent still continues to ask for the services of a peon to assist the staff in their work. Two Vaccinators were removed from the district during the year. The cost of each operation was Annas 4-8.

8.—KISTNA DISTRICT.

The Superintendent reports 6,942 operations, of which 6,111 were successful, 643 unsuccessful, and 188 unknown. On comparison with the work of the previous year, there is a decrease of 767 operations, occasioned by changes in the staff, the resignations of two Vaccinators, and the sickness of a third for a period of about two months. This, together with the very great inconvenience experienced by the Vaccinators from being unable to secure vaccine lymph for propagation, their work has been very greatly restricted. The Superintendent also complains of the want of support and assistance from the kurnums and village munsifs. Small-pox also prevailed to a great extent throughout the district. 700 infants were operated on, 636 were successful, 54 unsuccessful, and 10 unknown. Forty-three capillary tubes charged with fresh vaccine lymph were sent to Medical and other officers of the district. This Superintendent is new to the district, and has been only one month in charge. The cost of each vaccination was Annas 5-11, and the percentage of success 90.47.

9.—KURNOOL DISTRICT.

The Superintendent reports 2,127 operations during the past year, of which 1,729 were successful, 199 unsuccessful, and 199 unknown. On comparison with the work of the previous year, there is a large decrease of 1,131 operations. This the Superintendent accounts for by the very great prevalence of sickness throughout the district, chiefly fever, diarrhoea, dysentery, and small-pox. There was scarcely a village or

hamlet free of sickness in the district. The majority of the staff were also laid up with one or other of these diseases. The obstruction to the propagation of vaccination continues as determined as ever, and it was increased tenfold owing to the presence of sickness. The Superintendent observes that the village officials will not set the example of having their own children vaccinated, and which the villagers frequently ask as an evidence of their approval of vaccination. 308 infants were operated on, 252 were successful and 56 unsuccessful. The Superintendent had visited each of the taluqs two or three times during the year under notice. The percentage of success was 89.67. The cost of each operation was Rupees 1-2-0. Among the Vaccinators there was one death, two desertions, and two transfers during the year under notice.

10.—MADRAS DISTRICT.

The Superintendent reports 10,989 operations, 10,747 of which were successful, 140 unsuccessful, and 102 unknown, showing a large increase of 4,950 operations over that of the previous year. This large increase was chiefly occasioned by payment of money batta to the people at their own houses. This system was on trial for three months, and met with great success, when it was abruptly closed, owing to unwillingness on the part of the municipality to contribute towards the same. At the cost of Rupees 662-4-0, 6,056 operations were performed. The percentage of success was 98.71. Much carelessness, apathy, and indifference exist among the people as regards vaccination, and there is no particular prejudice, religious or social, that has not been fully tested by the money-payment scheme, and even those who fully appreciate the benefits of vaccination wish to make a convenience of the operation to suit their own time, till perhaps an outbreak of small-pox takes place and the alarm is then taken by some, and even then neglected by others. Small-pox prevailed to a great extent in Madras itself, and the best efforts of the Vaccinators were made to reach the unprotected, guided by the mortuary reports received from the Sanitary Inspector of the Municipality. The infected localities were immediately visited and vaccination freely offered to the people, with a view to arrest the further spread of the disease.

The Female Vaccinators, of whom there are six now employed, are well-known and readily recognized by the people, and they are well up in their routine of work, and are giving satisfaction. 1,101 infants were vaccinated with a percentage of 98.53 of success. 1st-class Vaccinator Ramanjooloo, No. 123, operated on the largest number of infants. The cost of each subject vaccinated was Annas 4-6.

VACCINE DEPÔT.

At the depôt 2,884 subjects were vaccinated, 2,427 proving successful, 15 unsuccessful, and 442 unknown, showing an increase of 564 over that of the previous year. The average number operated on was 8, and rice was issued as batta to 23½ subjects daily. 719 markals and 10 seers of rice, at a cost of Rupees 605-1-0, were issued during the year under notice. 332 infants were vaccinated. 482 capillary tubes, 40 glass plates, 6 ivory points charged with vaccine lymph, and 62 scabs were distributed throughout the Presidency, in addition to which 206 subjects to furnish arm lymph were sent out to Medical and other officers in the town of Madras itself. 866 vaccination certificates were granted to candidates going up for Government Examinations. There is a decrease of 440 certificates when compared with that of the previous year. Of these 866 candidates 116 had marks of small-pox, 205 marks of vaccination, and 45 were vaccinated at the time certificates were granted. The vaccine lymph, both at the depôt and town, was excellent and genuine throughout the year. The cost of each operation was Annas 5-11, and the percentage of success 99·38.

11.—MADURA DISTRICT.

The Superintendent of Vaccination reports 17,634 operations, 17,006 successful, 305 unsuccessful, and 323 unknown. An increase of 1,223 is shown, giving a percentage of 98·23 of success, at a cost of 2 annas and 7 pice for each vaccination. The unknown number of cases is large, but this is accounted for by the reluctance of the people to submit their children for inspection, fearing that vaccine lymph would be extracted from their arms. The usual prejudice exists in some parts of the district, where neither the exertions of the Superintendent and Vaccinators nor that of the Tahsildars of the taluq can do much. Small-pox prevailed to some extent in parts of the district. The Superintendent suggests that the minor village officials should be required to produce vaccine certificates on appointment to office for the future, and the introduction of text-books on vaccination in the different schools. One desertion and two transfers occurred. The vaccine lymph is reported good, and, on the whole, the Superintendent exerted himself very creditably in the propagation of vaccination in the district. The number of infantile vaccinations was 4,184.

12.—MALABAR DISTRICT.

The Superintendent reports 11,095 operations, of which 10,426 were successful, 247 unsuccessful, and 422 unknown, giving a percentage of

97·68 of success. The increase over that of the previous year was 2,630 operations. Much prejudice and superstition prevail in Malabar against vaccination, whilst small-pox is endemic in the district. The increase is chiefly owing to much assistance derived from the officials in propagating vaccination. There are no regular villages. The houses are isolated and far apart, which adds to the difficulties of the Vaccinator. The Numboory Brahmins refuse vaccination *in toto*. Small-pox prevailed very generally throughout the district to some extent during the year under notice. The disease showed itself with some virulence in the town of Calicut, and the Municipal Commissioners seem to have done nothing to arrest the disease, till one of their own body, a Municipal Commissioner, a wealthy Pleader in the Civil and Sessions Court, fell a victim to the disease, when the Commissioners exerted themselves in the matter of vaccination, and during my visit to Calicut in January, on my way to the Laccadive Islands, in consultation with the Collector of the district, I organized a temporary staff of eight Vaccinators and set them to work. I also got the Municipal Commissioners to bribe the people to get vaccinated.

The success of this measure was great. All prejudice and superstition disappeared before the money payment, and 2,506 persons were vaccinated at a cost of Rupees 127-11-8, reducing the average cost of each subject to about 9 pice. There were five transfers among the Vaccinators. 244 infants were vaccinated. The lymph in use is good. I paid three visits to this district. The first on the 28th November. I entered Cannanore, where the Superintendent of Vaccination of the district met me; after inspecting the working lymph at Cannanore, I reached Tellicherry on the 30th, where I inspected the whole staff of Vaccinators and the records of the Superintendent of Vaccination and the working lymph in use. I got to Baddagara on the 2nd December, where I inspected several cases of vaccination with good vesicles, and proceeded to Calicut the next day and inspected the working lymph with the Vaccinators at Calicut, saw the Zillah Surgeon and Collector, and left the district finally on the 4th December. I was satisfied with the work of the staff and the exertions of the Superintendent.

I again visited Calicut on the 23rd January 1873, and left on the 2nd February for the Laccadive Islands, returning to Calicut again on the 28th February, and leaving for Madras on the 3rd March 1873. On both these occasions I was out in the town with the Superintendent and temporary Municipal Vaccinators, encouraging and inspecting their work by the offer of a bribe of 2 annas to every subject vaccinated, and the Superintendent exerted himself well in this matter, and the success is greatly due to his exertions.

13.—NELLORE DISTRICT.

The Superintendent reports 11,561 operations during the year, with a percentage of 98.42, showing 11,222 successful, 179 unsuccessful, and 160 unknown. On comparison with the work of the previous year there is an increase of 1,042 operations. 876 subjects under one year of age were vaccinated. The work of the Superintendent of this district has been very unsatisfactory, and he will most probably have to be removed from the department before long. His conduct and work is under investigation at present. The cost of each operation was Annas 3-6.

14.—NORTH ARCOT DISTRICT.

The Superintendent reports 8,398 operations, showing an increase of 1,621 over that of the previous year. Of these, 7,876 were successful, 162 unsuccessful, and 360 unknown. The percentage of success was 97.98. The Superintendent approves of the present plan of locating a Vaccinator to each taluq. The Local Fund Boards of the district have taken great interest in the matter of vaccination, and the inspection of the work of the Vaccinators by members of the Board has had a good moral effect on the people in the vicinity. The Superintendent states that there would have been a much greater increase had it not been for the general prevalence of dengue, remittent fever, and small-pox. Much sickness is still prevalent in the district.

There has been one resignation, one desertion, and one dismissal. The working of some of the Vaccinators is complained of, as they were only recruits, and had to learn their work. Ten vaccine certificates were granted to students going up for the different grades of examination of the Uncovenanted Civil Service during the year. The quality of the vaccine lymph has been good, the vesicles large and normal. 1,254 infants under one year of age were vaccinated.

I visited this district on the 18th March 1873, and the Superintendent of Vaccination reported himself to me the same day; the whole of the staff were not present. I inspected the records of the Superintendent and Vaccinators present; had faults to find with the Superintendent on the state of the records, and directed him to meet me again at Vellore with the rest of the staff. On the 23rd idem the absent Vaccinators and the Superintendent met me at Vellore Railway Station, and, having given the necessary orders, I returned to Madras. The cost of each operation was at an average Annas 4-7.

15.—SALEM DISTRICT.

The Superintendent of Vaccination reports 10,099 operations, of which 9,383 were successful, 133 unsuccessful, and 583 unknown, with a percentage of 98.60 of success. On comparison with the work of the previous year there is a large increase of 3,192 operations. This increase is chiefly owing to the exertions of the Vaccinators during the prevalence of small-pox in the district, generally in an epidemic form. 1,411 infants were vaccinated. There have been changes, as well as sickness, among the staff of Vaccinators. Three desertions and three removals. The people are very determined and obstinate in their rejection of vaccination during the prevalence of small-pox. Neither the Superintendent and Vaccinators nor the officials can persuade them to accept vaccination. At other times they are careless and indifferent, making silly and frivolous excuses for not accepting vaccination. Six vaccine certificates were given by the Superintendent to candidates for the Government Examinations, and the Superintendent has exerted himself creditably in the discharge of his duties. The cost of each operation was Annas 4.

I paid Salem several visits during the year, and inspected the Superintendent and staff of Vaccinators at Salem on the 23rd March 1873; and, as all the Vaccinators were not present, they met me the next day at Yercaud, where I inspected the Vaccinators, their registers, and the records, &c., of the Superintendent, and found them all in order.

16.—SOUTH ARCOT DISTRICT.

The Superintendent of Vaccination reports 14,239 operations, of which 13,564 were successful, 284 unsuccessful, and 391 unknown. The percentage of success was 97.94. On comparison with the work of the previous year there is an increase of 1,415 vaccinations, attributed to the exertions of the Vaccinators. 1,068 infant vaccinations were performed. The same indifference and carelessness prevail as regards vaccination, and the unwillingness on the part of parents to allow vaccine lymph to be extracted from their children interferes greatly with the more effectual spread of vaccination. Neither coaxing nor the payment of batta to mothers will persuade them to yield to our entreaties. Small-pox has been prevalent in several parts of the district. The Superintendent suggests that vaccination should be made compulsory and the staff increased in number, and to be better paid to induce them to work more cheerfully and willingly. There were four transfers and two dismissals among the Vaccinators of the district. The Superintendent has been conducting his duties satisfactorily. The cost of each case operated on was Annas 2-7.

17.—SOUTH CANARA DISTRICT.

The Superintendent reports 12,440 operations, of which 10,715 were successful, 351 unsuccessful, and 1,374 unknown, and when compared with the work of the previous year there is a decrease of 211. This is accounted for by the Superintendent explaining that in the previous year, owing to an unusual and extreme prevalence of small-pox in the district, and the employment of an additional staff of Vaccinators, a larger amount of work was executed. This satisfactorily accounts for the decrease. The usual difficulties prevail in the practice of vaccination. The Collector of the district has taken great interest in its spread. The Superintendent believes that money payments will only induce the poor to come forward, whilst the well-to-do will still stand aloof. The Superintendent condemns the present practice of placing Vaccinators out in the taluqs, and prefers to work them as before in a body. Small-pox prevailed to some extent in the district during the year under notice. 391 infants were vaccinated. Great prejudice exists among the people to have infants vaccinated. There have been two deaths, two resignations, and one desertion among the Vaccinators. The percentage of success was 96.82, and the cost of each vaccination Annas 3-8.

THE LACCADIVE ISLANDS.

Through the kindness of the Collector of South Canara, I had the opportunity of visiting these islands. The work done there has already been laid before Government, and is published in their Proceedings No. 310, dated 25th March 1873. I have been able to collect much information on the inhabitants and resources of these islands, and as soon as leisure permits, I hope to be able to record the same. One Vaccinator worked throughout the year, and he reports 336 operations during the year in the Government Islands connected with the district of South Canara. Of this total, 155 are reported successful, 14 unsuccessful, and 167 unknown. 57 infants were vaccinated. The percentage of success was 91.71, and the cost of each operation Annas 3-8.

18.—TANJORE DISTRICT.

The Superintendent of Vaccination reports 16,858 operations, of which 15,372 were successful, 324 unsuccessful, and 1,162 unknown, and on comparison with the previous year, showing an increase of 1,035 operations during the year. Objections to the spread of vaccination continue in many parts of the district, whilst small-pox has been generally

prevalent throughout the year with varying intensity. 2,128 infants were vaccinated. Second-class Vaccinator Syed Khudratulla, No. 560, shows the largest number of operations on infants. The lymph in use is good. The various municipalities in the district have interested themselves greatly. The percentage of success was 97.93, and the cost of each vaccination Annas 2-5.

The Superintendent and Vaccinators have been exerting themselves fairly in spreading the benefits of vaccination to the people during the year under notice.

19.—TINNEVELLY DISTRICT.

The Superintendent reports 9,403 operations during the year under notice, of which 8,614 were successful, 529 unsuccessful, and 260 unknown. On comparison with the work of the previous year there is a decrease of 2,063 operations, and the Superintendent is unable to explain the cause, as he is new to the district and only joined at the end of the year. The Superintendent's predecessor was removed from the district in consequence of not exerting himself sufficiently, and the present one appointed. Small-pox prevailed generally throughout the district, and exhibited great virulence in some parts.

There were several changes among the staff of Vaccinators—two transfers, one resignation, two dismissals, one death, and one desertion. The percentage of success was 94.21. 1,298 infants were vaccinated.

The Superintendent suggests that vaccination be made compulsory. The cost of each operation was Annas 3-8.

20.—TRICHINOPOLY DISTRICT.

The Superintendent reports 9,979 operations during the year, of which 9,832 were successful, 134 unsuccessful, and 13 unknown; the percentage of success 98.65. The cost of each vaccination is Annas 3-11. On comparison with the work of the previous year, there is a small increase of 589 operations. Much apathy and indifference appear to exist among the people, which interfere with the spread of vaccination. The Collector of the district, as well as other officials, have done much in inducing the people to get vaccinated. Much inconvenience is experienced in the propagation of vaccination, as the parents refuse to allow lymph to be extracted from the arms of their children. Small-pox, to some extent, prevailed in the district. The Superintendent suggests that there should be a couple of supernumeraries to take the place of Vaccinators as vacancies occur, and in the meantime they might be trained

to the work. The Superintendent has not been so diligent as he should have been in his inspections, and in this respect I have had much fault to find with him. The number of infants vaccinated was 1,826. There has been only one resignation among the Vaccinators.

21.—VIZAGAPATAM DISTRICT.

The Superintendent reports 4,794 operations, inclusive of 295 infants, of which 4,502 were successful, 258 unsuccessful, and 34 unknown, and on comparison with the work of the previous year there is an increase of 1,794 operations. The Superintendent complains of the usual obstructions to the spread of vaccination in different parts of the district, and that much sickness prevailed, chiefly cholera, dengue-fever, and small-pox, and that dengue-fever and small-pox still exist in parts of the district. The percentage of success was 94.57. Small-pox is kept up by the practice of inoculation, which is in great favor among the people of the district, and the Superintendent regrets that there is no law to punish inoculators who practise extensively. The Superintendent acknowledges much assistance from the Collector and his Assistants and all other officials of the district, more especially from the various Sub-Magistrates, for which he is grateful. Eight subjects to supply fresh vaccine lymph from the arm, besides 449 tubes and 14 glass plates charged with fresh vaccine lymph, were supplied to various officers of the district. The Superintendent suggests that vaccination should be made compulsory and small-pox inoculation penal, and that these measures will result in a large saving of human life now lost from ignorance and apathy. Much difficulty is experienced in procuring arm lymph for propagation. The lymph in use is reported good. The Superintendent applies for the services of a peon to assist in his office and other work and in procuring subjects. There was only one casualty occasioned by the death of a Vaccinator during the year under notice. The cost of each vaccination was Annas 8-7.

22.—JEYPORE.

The Superintendent of this province reports 714 operations, of which 624 were successful, 55 unsuccessful, and 35 unknown. The difficulty the Vaccinators have is to get at the people; for, as soon as the Vaccinators make their appearance, the people conceal themselves, whilst others flee into the neighbouring jungles. Small-pox inoculation is in great favor, and which practice they prefer to vaccination. The people are ignorant, rude, and semi-savages, and it is difficult to convince them as to the

advantages of vaccination. The Superintendent suggests the prohibition of the practice of small-pox inoculation. Small-pox has been prevalent in the province during the year under notice. The quality and character of the vaccine lymph is reported good. 89 infants were vaccinated. The Superintendent is new to the district. On comparison with the work of the previous year there is a decrease of 136 operations, for which the Superintendent accounts by the presence of much sickness among the staff, chiefly fever. There were two casualties among the staff—one Vaccinator deserted and the other died. The cost of each operation was Rupees 4-7-10. The percentage of success being 91.89.

25. On a review of the work of the several Superintendents of Vaccination, those in charge of the districts of Cuddapah, Godavary, South Arcot, Tinnevely, and Vizagapatam suggest that vaccination should be made compulsory; those of Bellary, Cuddapah, Ganjam, Kistna, and Kurnool ask for further assistance from the Revenue officials; and those of Coimbatore, Malabar, North Arcot, South Canara, Trichinopoly, and Vizagapatam acknowledge their success to the assistance given them by the Revenue officials. The Superintendents of Cuddapah, Godavary, and Vizagapatam ask for the services of peons to assist them in their work. The Superintendent of North Arcot approves of the present plan of working the Vaccinators, whilst the Superintendents of Bellary and South Canara object to the plan of scattering the Vaccinators out in the taluqs, and wish to revert to the old plan of working the staff in a group. The other Superintendents are silent on these points.

26. The difficulties that attend the Vaccinator in his pursuit are not rightly understood by most people, and they are ever ready to heap the non-success of work to want of diligence on the part of the Vaccinator, forgetting that vaccination is optional with the public, and in most districts this is so well understood that they are ready to prosecute Vaccinators should they attempt to force the question on them. In many instances they are ready to assault the Vaccinators, and do not hesitate to abuse them most shamefully.

27. There are at present nine private Vaccinators. Five of these were commissioned during the year, and they have jointly vaccinated 3,236 subjects. We endeavour to encourage private vaccination as much as possible, as this would prove the best means of showing how far vaccination is being accepted among the people, and we do not despise these small beginnings at present.

28. Our best attention has been given to infant vaccination (children under one year of age). 27,471 operations were performed, showing an increase of 8,255 operations over that of the previous year.

29. As regards the districts, Madura stands first, with 4,184 operations, and the smallest number, 36, was operated on in Ganjam. People

generally object to infant vaccination. This bias against infant vaccination is very general, and exists among every class and nation, not even excepting the most highly educated Europeans in this country.

30. One Superintendent and ten temporary Vaccinators were continued on from last year, and 25 were entertained during the year under notice, making a total of 35 over that of the proper establishment. Of these, 28 were in employ at the close of the year. The Superintendent and ten temporary Vaccinators were employed by Government for work on the Ramnad and Sevagunga Zemindaries of the Madura District, in consequence of a severe outbreak of small-pox during the past year, and the remainder (25) were employed by various Local Fund Boards.

31. The several Municipalities of the Tanjore District subscribed and paid for 1,000 Tamil treatises on vaccination for distribution in that district, at a cost of Rupees 45-12-0. 500 copies were my lectures on vaccination, and 500 were a short pamphlet on vaccination by Dr. Palany Andy, which has been the means of doing much good, and my best thanks are due to these Municipalities for their liberality in this matter.

32. Much of my time has been taken up in correspondence with the different Local Fund Boards during the past year. Whilst some Boards have, by their aid and influence, done much towards the spread of vaccination, others are clamorous to get the Vaccinators under their own management and control; and, as this measure would relieve me of much responsibility and trouble, I should not hesitate to recommend the measure, if I thought it would tend to benefit vaccination. On this point I am fully convinced such will not be the case; for the Vaccinators will be left to the Tahsildars and other Revenue officials, who have more work of their own than they can get through at present without the addition of vaccination.

33. It is possible in some districts, under pressure of their European officials, the work may progress for a time, as soon as that pressure is removed by a change of officials, the work must fail and get into disrepute. Small work is better by all means than bad vaccination, and experience is with us in this matter. Vaccination will progress satisfactorily if let alone and allowed free scope. We are doing our best to extend its blessings to the multitude, and for which purpose men are expressly employed; but, as a body, they are dissatisfied with their position and salary, which is about one shade above a cooly, and instead of improving their position and inducing respectable men to become Vaccinators, the same policy of small pay is carried out, and the Vaccinators dissatisfied and clamorous for better pay and prospects.

34. The vaccine lymph throughout the Presidency is reported good, and in those districts that I visited I have satisfied myself by personal

inspection that not only the lymph in the sudder stations, but that also in the remote parts of districts is, as reported, very good. In many districts small-pox is endemic, which I believe to be occasioned chiefly by the pernicious practice of small-pox inoculation, and no forethought or intelligence on the part of the Vaccinators can prevent or arrest the spread of the disease, whilst small-pox inoculation is permitted to be carried on freely, and no law can reach the inoculators.

35. The cost of vaccination varies in the different districts: at Jeypore it costs Rupees 4-7-10 to vaccinate each subject; but this is special work, and should not be taken into consideration. In Ganjam it is Rupees 2-9-6, and in Kurnool Rupees 1-2-0; these are the most backward districts as regards vaccination. In Tanjore it costs Annas 2-5, and in Coimbatore the lowest, Anna 1-8, whilst the average cost for the 20 districts in this Presidency is Annas 5-8 for each subject vaccinated.

36. To judge of the progress made by vaccination simply by the certificates given to candidates going up to the various Uncovenanted Civil Service Examinations, from the 366 certificates issued, 116, or 31-69 per cent., had small-pox marks, 205, or 56-01 per cent., had marks of vaccination, and 45, or 12-29 per cent., had to undergo the operation at the time of receiving their certificates. Although there is a large falling off in the number of 440 candidates, and taking the small number who have presented themselves, 56 per cent. are protected by vaccination.

MILITARY CANTONMENTS.

BANGALORE.

A first and a second class Vaccinator are employed in this cantonment. Since October 1872 a female Vaccinator has been substituted for the male second-class Vaccinator. These two Vaccinators have performed 854 vaccinations during the year under notice, showing 802 successful, 14 unsuccessful, and 38 as unknown. The percentage of success given was 93-28. The number of infants operated on was 321. The female Vaccinator was sent from the cantonment of Bangalore to the French Rocks to work among the families of the sepoys of the 30th Regiment N.I. She was away for one month, during which period she operated on 79 subjects.

The sex and caste of those operated on are as follows:—

	Males.	Females.
Europeans and East Indians	26	29
Hindus	436	208
Mahomedans	88	67
Total	550	304

These Vaccinators have been placed under the orders of the Garrison Surgeon since May last, and under whose orders they continue to work.

There is a large decrease of 1,107 operations for the year which has not been accounted for.

SECUNDERABAD.

A first and a second class Vaccinator worked in this cantonment also during the year, and they jointly show 1,860 operations. They work under the orders of the Medical officer in charge of the Civil Dispensary, showing 1,668 operations as successful, 97 unsuccessful, and 95 unknown, the percentage of success being 94.5. The number of infants vaccinated was 1,062. The total showing the sex and caste of those operated on is as below :—

	Males.	Females.
Europeans and East Indians	14	8
Hindus	899	689
Mahomedans	154	96
Total	1,067	793

KAMPTEE.

One second-class Vaccinator worked in this cantonment during the year under notice. He works under the Medical officer in charge of the Civil Dispensary, and shows 1,126 operations, with 1,046 successful, 77 unsuccessful and 3 unknown. The percentage of success was 93.14. 511 infants were vaccinated. The total shows an increase of 490 operations over that of the previous year. The sex and caste of those operated on are as follows :—

	Males.	Females.
Europeans and East Indians	4	2
Hindus	497	508
Mahomedans	61	59
Total	562	569

ZEMINDARIES.

There are in all ten Zemindaries scattered over the different districts, employing 69 Vaccinators; but now the various Local Fund Boards having taken up the work, the Zemindaries will be relieved of the cost of vaccination for the future. Under the circumstance the local Vaccinators will be displaced by men from the regular establishment, as most of the men employed hitherto were ignorant and connected with some of the hangers-on of the Zemindaries. Notwithstanding they were ill-paid, and frequently not paid at all for months, others got dribbles of valueless lands as equivalent to their salary, and attended to their land instead of work, so that in the interests of vaccination the change is a very desirable one. It is possible that the number of Vaccinators may be slightly reduced for the present, still the change will prove beneficial. On a comparison with the work of the previous year, there is a decrease of 856 operations.

The particulars of the work are as follow :—

Zamindaries.	Districts.	Number of Vaccinators.	CASTE.			SEX.		Total.	Successful.	Unsuccessful.	Unknown.	Percentage of Success.	Infants.
			Europeans.	Hindus.	Mahomedans.	Males.	Females.						
Ganjam ..	Ganjam ..	27	..	5,308	11	5,731	2,568	6,319	4,845	253	121	93.20	152
Vizagapatam ..	Vizagapatam ..	29	9	11,389	16	6,385	5,253	11,644	10,879	661	104	91.27	741
Pitapur ..	Gedaverry ..	2	..	1,550	45	1,993	306	1,683	1,351	244	104	84.76	36
Nuzvid ..	Kistna ..	2	..	1,120	27	599	518	1,117	962	155	11	86.72	87
Venkatigherry ..	Nellore ..	1	..	355	51	212	174	386	261	14	..	93.60	68
Peonganore ..	North Arcot ..	1	..	386	48	237	197	434	431	3	..	99.30	33
Bungarupalem ..	Do. ..	1	..	242	9	134	118	252	252	..	..	100	42
Karvetynagur ..	Do. ..	1	..	519	2	278	243	521	521	..	..	100	64
Remond ..	Madura ..	3	..	6,212	377	3,623	3,463	7,086	7,049	37	7	99.53	1,229
Sheranganga ..	Do. # ..	2	..	2,939	125	1,719	1,345	3,064	2,934	131	19	97.38	388
Total ..		69	9	39,531	1,215	17,014	14,541	31,555	29,615	1,941	519	95.09	3,343

CIVIL DISPENSARIES.

There are only two Civil Dispensaries that employ Vaccinators, and these are in the town of Cuddalore in the South Arcot District, one in the Old and the other in the New Town, each employing one Vaccinator. The collective work of the two men is 751 operations, showing an increase of 167 vaccinations over that of the previous year. These men work under the Medical officers in charge of the dispensaries, and are paid by these institutions.

The particulars are—

	Number of Vaccinators.	CASTE.			SEX.		Total.	Successful.	Unsuccessful.	Unknown.	Percentage of Success.	Infants.
		Europeans.	Hindus.	Mahomedans.	Males.	Females.						
New Town, Cuddalore ..	1	47	312	54	253	160	413	335	17	..	95.38	43
Old Town, do. ..	1	11	301	26	191	147	338	332	6	..	98.23	43
Total ..	2	58	613	80	444	307	751	728	23	..	96.93	86

MUNICIPALITIES.

There are at present forty-five municipalities who employ collectively Vaccinators: there are three municipalities in excess of the total for last year, who entertained five Vaccinators during the year under notice. The returns are very irregularly received. Only four monthly returns were received from the cantonment of Secunderabad, three from Chooty, and eleven from Adoni, this can be verified by Statement No. II. The total of operations executed by the Municipal Vaccinators during the year under review was 42,459.

The particulars of the work are given below :—

Municipalities.	Number of Vaccinators.	CASTE.			SEX.		Total.	Successful.	Unsuccessful.	Unknown.	Percentage of Success, excluding those unknown from the Total.	Infants.
		Europeans.	Hindus.	Mahomedans.	Males.	Females.						
Berhampore ..	1	..	184	5	109	80	189	182	6	1	96.80	
Chitradurga ..	1	2	110	6	76	42	118	77	41	..	65.25	
Binlipatam ..	1	4	504	2	267	243	510	473	30	7	94.03	
Palconda ..	1	..	504	6	280	230	510	474	31	6	93.86	
Vizagapatam ..	2	4	1,232	14	941	309	1,250	1,156	94	..	92.48	
Vizianagaram ..	1	..	505	1	261	245	506	472	33	1	93.46	
Coanada ..	1	13	1,174	48	887	348	1,235	969	154	112	86.28	
Rajahmundry ..	1	..	1,488	66	966	588	1,554	1,097	357	100	76.44	1
Ellora ..	1	2	374	195	285	286	571	425	133	13	78.16	
Masulipatam ..	1	13	1,030	122	725	440	1,165	1,087	78	..	93.80	
Guntur ..	1	12	910	415	846	491	1,337	924	250	163	78.70	
Nellore ..	1	4	515	103	373	249	622	576	46	..	92.60	
Conjeevaram ..	1	..	737	21	470	288	758	623	104	31	85.69	
Vellore ..	1	..	308	97	233	172	405	395	10	..	97.53	1
Wallajahpett ..	1	3	236	30	148	121	269	257	12	..	95.53	
Trichinopoly ..	2	79	2,305	335	1,540	1,179	2,719	2,544	170	5	93.73	51
Sreerungum ..	1	..	185	..	91	94	185	185	..	..	100	
Tanjore ..	2	4	1,257	79	696	644	1,340	1,277	42	21	96.81	
Mayaveram ..	1	1	714	10	383	342	725	680	40	5	94.44	2
Negapatam ..	1	3	387	143	262	271	533	508	25	..	95.30	
Combacoenum ..	1	16	1,105	6	744	383	1,127	943	101	83	90.32	2
Mannargudi ..	1	1	640	7	287	261	548	532	14	2	97.43	
Madura ..	2	..	2,645	285	1,332	1,238	2,570	2,327	289	111	89.73	1,51
Dindigul ..	1	3	1,701	74	962	816	1,778	1,443	139	107	81.27	2
Tinnevely ..	1	10	621	18	311	238	549	454	59	26	84.49	
Palacottah ..	1	61	723	26	652	158	810	636	116	60	81.06	
Tuticorin ..	1	46	686	7	417	377	794	682	67	65	89.67	
Chiddepah ..	1	4	248	199	264	87	351	261	82	18	78.06	
Kurnool ..	1	4	70	159	163	114	277	210	66	22	82.03	
Gumnam ..	1	18	139	1	23	30	53	39	8	6	82.07	
Bellary ..	2	38	595	269	476	428	904	802	88	6	90.17	
Arantapero ..	1	1	122	35	122	86	208	206	8	..	96.15	
Adoni ..	1	6	555	301	444	429	864	810	47	7	94.51	
Ghoaty ..	1	1	56	19	43	38	70	72	4	..	94.73	
Baham ..	2	3	962	98	531	487	1,018	906	60	12	94.31	
Coimbatore ..	1	8	2,886	295	1,505	1,381	3,591	3,046	367	178	89.24	7
Ootacamund* ..	1	54	485	30	294	284	578	540	38	..	93.43	1
Coonor ..	1	11	325	56	230	192	392	358	19	15	91.06	
Gannanore ..	1	22	428	290	375	172	750	602	11	47	85.42	
Calicut ..	3	31	1,670	1,121	2,127	755	2,822	2,683	93	164	96.65	
Cochin ..	1	116	1,680	191	992	396	1,667	1,190	268	229	81.61	
Paulghat ..	1	2	779	40	488	329	817	732	26	39	90.65	
Tellicherry ..	1	70	488	284	667	176	843	675	65	113	82.46	
Mangalore ..	3	335	1,030	169	966	598	1,564	1,384	138	62	90.93	1
Secunderabad ..	2	4	449	36	326	218	538	506	26	6	96.11	2
Total ..	54	1,384	34,991	5,772	25,452	16,605	42,453	36,721	3,823	1,315	90.57	7.2

* Sex, caste, and age of 102 operations are not known.

RAILWAYS.

Only three returns were received of the work of the Railway Apothecaries on the different lines, showing a total of twelve operations, and there is a decrease of eleven vaccinations when compared with those of the previous year. Of the number operated on, seven were under one year of age, and the percentage of success was 83.33.

The following are the particulars of caste and sex :—

	Males.	Females.
Europeans and East Indians ...	2	2
Hindus ...	5	1
Mahomedans ...	2	0
Total ...	9	3

MEDICAL SUBORDINATES.

The Medical Subordinates of this Presidency show a total of 22,764 operations during the year under notice, of these 15,217 were successful, 5,921 unsuccessful, and 1,626 unknown. There is an increase of 4,365.

The following Medical Subordinates show the largest number :— M. Vencatasawmy, No. 201, stands first, giving a total of 1,828 cases, of which 892 proved successful; next comes Aligherrysawmy, who gives a total of 538 operations, 273 of these proving successful. The Medical Subordinates seem to have exerted themselves well during the year, as they show a large increase over the work of the previous year.

Rank and Names.	General No.	Stations.	Number vaccinated.	Successful.	Ratio Percent- age of Success.
1st-class Hospl. Asst. M. Venkatasawmy ..	201	Village of Oosoor ..	1828	892	48.79
3rd " do. Alagherrysawmy ..	931	12th Regiment N. I., Vizianagrum.	538	273	50.74
3rd " do. T. Rajahgopaul ..	373	Jail, Bellary ..	514	302	58.75
1st " do. Ramiah ..	251	District Jail, Rajah- mundry.	602	269	63.58
1st " do. Ramany ..	516	Jail Hospital, Calicut.	489	261	53.37
3rd " do. D. Venkatasawmy ..	992	Do. Guntoor.	447	262	58.37
2nd " do. R. Peter ..	703	Do. Mangalore.	403	286	70.96
2nd " do. Shaik Madar ..	639	Do. Chittoor ..	397	301	75.81
1st " do. V. M. Appavoo ..	497	Do. Madura ..	365	261	71.50
1st " do. T. Venketaroyadoo ..	139	Central Jail, Rajah- mundry.	359	131	36.49
1st " do. T. Soobbiah ..	345	Civil Dispensary, Guntoor.	330	228	69.09
3rd " do. W. Fletcher ..	806	Jail Hospital, Nellore	305	213	69.83
3rd " do. C. V. Parthasarathy ..	783	Parcherry, Vellore ..	298	261	87.58
1st " do. Maduranayagum ..	166	Central Jail, Salem ..	274	222	81.02
3rd " do. G. Ragavulu ..	925	Kamptee, 1st L. C. ..	272	150	55.14
3rd " do. C. Perumaul ..	813	Central Jail, Coimba- tore.	257	160	62.25
3rd " do. Anantheum ..	792	Jail, Cuddapah ..	254	118	46.45
1st " do. Coomarasawmy ..	210	Sub-Collectorate, Nel- lore.	234	161	70.08
2nd " do. I. Zakeriah ..	618	Police Hospital, Mangalore.	229	82	35.80
3rd-class Hospl. Asst. C. Narayanasawmy ..	735	Jail Station, Cochin.	218	22	10.09
3rd " do. C. Francis ..	922	Central Jail, Salem ..	218	160	73.44
1st " do. P. Venkatasawmy ..	397	District Jail, Ber- hampore.	214	15	7.00
2nd " do. Ragavulu ..	603	Vellore ..	209	203	97.12
1st " do. P. Parasuramooloo ..	151	Jail, Kurnool ..	205	58	28.25
3rd " do. Arubasironumoney ..	871	35th Regiment N. I., Kamptee.	204	123	60.29
1st " do. Rajahgopalu ..	317	Town and Bazaar, Guntoor.	198	128	64.61
3rd " do. Y. Chinniah ..	769	5th Regiment, Nag- pore.	197	133	67.59
Passed Hospital Apprentice T. Michael ..	..	28th Regiment, Vellore.	195	190	97.43
1st-class Asst. Apothecary H. Hawkes ..	..	Parcherry, Palava- ram.	190	161	84.73
1st-class Hospl. Asst. C. S. Ramasawmy ..	327	Revenue Survey, Palanacottah.	188	159	84.57
1st " do. Appiah ..	379	Police Hospital, Vellore.	187	114	60.96
2nd " do. Narayanasawmy ..	706	Jail Station, Tranque- bar.	177	74	41.80
3rd " do. Muduranayagum ..	736	Civil Dispensary, Cooy.	169	110	70.41
2nd " do. T. Varadajooloo ..	602	Vellore ..	165	140	84.21
3rd " do. K. Duramajooloo ..	853	3rd Regiment L. I.	156	141	89.74
2nd " do. Narayanasawmy ..	609	12th Regiment Line, Vizianagrum.	155	31	20
2nd " do. P. Narayanasawmy ..	623	District Jail, Tanjore.	153	110	72.77
3rd " do. D. Rajandram ..	887	39th Regiment, Bangalore.	143	105	73.42
4rd " do. A. Thamotharam ..	156	29th Regiment ..	142	120	84.59
1st " do. D. Anthony ..	274	34th Regiment, Pal- condah.	137	111	81.02

Rank and Names.	General No.	Stations.	Number vac- cinated.	Successful.	Ratio percent- age of success.
Passed Hospital Apprentice E. Mohoney ..	..	16th Regiment, Bellary.	130	52	40
Do. Veeramahalle ..	..	Cantonment Hospital	129	94	72.83
Assistant Surgeon W. Price m.n., ..	..	16th Regiment, Kamptee.	127	46	36.22
3rd Class Hospl. Asst. B. Francis ..	849	4th Regiment, Bellary.	126	97	79.03
2nd " do. G. Veerabndra ..	523	Civil Dispensary, Tripunavady.	122	74	60.65
1st " do. Senthivale Pillay ..	463	Town, Trichinopoly.	120	96	80
2nd " do. Singaravai ..	871	Sub-Collector Nellore	113	95	81.25
3rd " do. A. Parthasarathy ..	726	Civil Dispensary, Mannargady.	115	105	91.30
2nd " do. D. Bastian ..	704	District Jail, Trichi- nopoly.	114	79	69.29
3rd " do. P. V. Ramasawmy ..	903	Civil Dispensary, Cochin.	112	74	66.07
2nd " do. P. Govindarajooloo ..	693	34th Regiment, Mangalore.	111	69	64.05
1st " do. Chuttersingh ..	224	Civil Dispensary, Chittoor.	109	82	75.22
Apothecary J. Thomas ..	..	Head Quarters Sep- pers and Miners, Bangalore.	108	77	71.29
Do. T. B. Kemp ..	..	Police Hospital, Russakondah.	106	59	55.66
3rd Class Hospl. Asst. T. Narayanasawmy ..	723	16th Regiment, Bellary.	106	51	50.94
3rd " do. Gnanayuthem ..	768	Police Collegial Coimbatore.	103	96	93.20
Passed Hospital Apprentice Rungasawmy ..	..	4th Regiment, Madras Light Infantry.	101	75	74.25
3rd Class Hospl. Asst. Soosamanaden ..	765	28th Regiment, Vellore.	100	94	94
Assistant Surgeon C. Siphrope ..	..	32nd Regiment, Kamptee.	100	3	48

JOHN SHORTT, M.D., Surgeon-Major,

Superintendent-General of Vaccination.

Madras Presidency.

OFFICE OF SUTT-GENL. OF VACCINATION,

MADRAS PRESIDENCY,

MADRAS, 12th September 1873.

No. I.—Statement showing Particulars of Vaccination in each District of

1	2		3		4		5	6	7
Name and Rank of Superintendent.	Number of Native Superintendents.		Number of Vaccinators.		Total Number of Persons vaccinated.		Collectorate, Political Agency, or Native State in which Vaccinations were performed during the year.	Population of Area included in last Column.	Name of the District or Zillah.
	1872-73.	1871-72.	1872-73.	1871-72.	1872-73.	1871-72.			
N. Balascondrum Moodelly	1	1	12	13	10,989	8,099	Vaccine Depôt Madras Collectorate	450,000	Vaccine Depôt Madras Collectorate
Mr. A. Stewart	1	1	13	12	2,834	2,370	Chingleput District	804,283	Chingleput
G. Seetharamiah	1	1	9	11	78,57	6,976	North Arcot do.	3,959	North Arcot
M. Ramaswamy Moodelly	1	1	10	11	8,398	6,777	South Arcot do.	4,779	South Arcot
Mr. E. J. Good	1	1	10	11	14,249	12,824	Trichinopoly do.	3,665	Trichinopoly
C. Aroonmogum Chetty	1	1	11	10	9,979	9,390	Tanjore do.	3,735	Tanjore
M. Aroonmogum Pillay	1	1	12	12	16,335	15,223	Madura do.	4,882	Madura
P. Vurtharajooloo	1	1	10	10	17,434	16,411	Tinnevelly do.	3,810	Tinnevelly
P. Ramalingum Pillay	1	1	11	10	9,493	11,466	Cuddapah do.	9,177	Cuddapah
Durmalingum Moodelly	1	1	10	10	4,480	4,350	Kurnool do.	7,470	Kurnool
R. Pattaby	1	1	15	15	2,177	3,258	Bellary do.	11,351	Bellary
Sied Abdool Azis	1	1	12	14	13,000	14,507	Salem do.	7,605	Salem
Krishnan Nair	1	1	13	12	10,090	6,907	Coimbatore do.	8,470	Coimbatore
K. Vurtharajooloo	1	1	11	13	28,419	10,612	Malabar do.	6,360	Malabar
P. A. Maustilaw Pillay	1	1	13	12	11,695	8,465	South Canara do.	4,206	South Canara
Goolam Mowlah	1	1	11	11	12,440	12,641	Nellore do.	4,556	Nellore
M. Narainah	1	1	11	11	11,661	10,510	Kistna do.	6,892	Kistna
K. Parthasaradhi Naidoo	1	1	13	11	6,942	7,709	Godavery do.	6,720	Godavery
F. Chinnaewmy	1	1	11	14	8,860	10,258	Vizagapatam do.	3,081	Vizagapatam
O. Candaseewmy Reddi	1	1	5	5	4,794	3,960	Jeypore Hill Tracts	15,855	Jeypore Hill Tracts
Basker Row	1	1	10	12	711	850	Vizagapatam District	1,941	Ganjam
Meer Muzzer Ally	1	1	0	7	1,899	1,176	Ganjam District	2,246	Hill Tracts, Ganjam
Total	22	22	239	240	215,004	183,213	.....	.....	.....
MILITARY									
Garrison Surgeon	1	1	2	2	654	1,951	Bangalore .. .. .	.....	Salem
Medical Officer in charge of Civil Dispensary	1	1	2	2	1,860	1,866	Secunderabad .. .. .	.....	Do
Do. do. do.	1	1	1	1	1,120	646	Kamptee .. .. .	.....	Do
Total .. .. .	.....	.....	5	5	3,634	4,463	.....	.....	.....
TEMPORARY									
P. Vurtharajooloo	1	1	15	.....	1,811	.....	Tinnevelly District .. .. .	.....	Tinnevelly
Krishnan Nair	1	1	2	2	741	53	Coimbatore do. .. .. .	.....	Coimbatore
K. Vurtharajooloo	1	1	3	1	128	68	Malabar do. .. .. .	.....	Malabar
K. Parthasaradhi Naidoo	1	1	5	.....	1,159	.....	Godavery do. .. .. .	.....	Godavery
Total .. .. .	.....	.....	25	.....	3,828	.....	.....	.....	.....

Superintendence in the Madras Presidency during the year 1872-73.

8 PRIMARY VACCINATIONS.								
A. Sex.		B. CASTE.					Age.	
Males.	Females.	Christians.	Hindus.	Mahomedans.	Parsees.	Other Castes.	Under one year.	Above one year.
5,919	5,070	729	9,323	999	.....	1	1,101	9,838
1,178	1,706	165	2,602	117	.....	.....	392	2,492
4,390	3,437	238	7,887	172	.....	.....	738	7,089
4,529	3,899	8	7,649	741	.....	.....	1,254	7,114
7,781	6,453	296	13,553	300	.....	.....	1,068	12,171
5,348	4,921	.....	9,552	127	.....	.....	1,826	8,153
8,857	8,004	4	16,531	323	.....	.....	2,128	14,730
9,403	8,231	271	16,713	650	.....	.....	4,184	13,450
5,229	4,174	8	9,264	131	.....	.....	1,298	8,106
2,319	1,861	2	3,343	326	.....	509	375	3,865
1,266	872	3	1,843	269	.....	12	303	1,819
6,555	6,451	5	10,728	1,707	.....	566	4,042	8,961
5,651	4,543	28	9,631	427	.....	13	1,411	8,658
4,105	13,211	31	27,917	656	.....	112	4,016	24,393
8,384	2,711	71	7,933	2,910	.....	181	244	10,821
7,668	4,772	741	8,167	3,498	.....	49	391	12,049
6,214	5,317	4	11,037	425	.....	95	876	10,685
3,735	3,207	5	5,416	319	.....	1,202	700	6,542
5,228	3,172	17	8,693	90	.....	.....	551	8,249
2,571	2,223	16	4,664	76	.....	38	295	4,490
407	307	.....	123	12	.....	579	89	625
500	408	3	904	1	.....	.....	86	872
1,013	795	.....	1,807	1	.....	.....	148	1,660
119,269	95,785	2,662	194,686	14,292	.....	3,367	27,471	1,7533
CANTONMENTS.								
550	304	55	644	155	.....	.....	321	533
1,087	793	22	1,588	250	.....	.....	1,062	798
562	564	6	1,000	120	.....	.....	511	615
2,179	1,661	83	2,232	525	.....	.....	1,894	1,946
VACCINATORS.								
931	833	.....	1,807	7	.....	.....	222	1,592
460	281	.....	674	67	.....	.....	135	606
81	42	.....	115	8	.....	.....	.....	123
691	469	.....	1,145	5	.....	.....	92	1,636
2,163	1,665	.....	3,741	87	.....	.....	449	2,373

No. I.—Statement showing Particulars of Vaccination in each District of

1	2		3		4		5	6	7
Name and Rank of Superintendent.	Number of Native Superintendents.		Number of Vaccinators.		Total Number of Persons vaccinated.		Collectorate, Political Agency, or Native State in which Vaccinations were performed during the year.	Population of Area included in last Column.	Name of the District or Zillah.
	1872-73.	1871-72.	1872-73.	1871-72.	1872-73.	1871-72.			
TEMPORARY ESTABLISHMENT OF RAMNAD									
Tarachund	1	1	8	10	9,311	1,311	Ramnad and Shevaguanga Zemindaries.	..	Ramnad and Shevaguanga Zemindaries.
Total	1	1	8	10	9,311	1,311	..	..	..
PRIVATE									
Basker Row	1	1	4	3	912	832	Ganjam District	..	Ganjam
P. Chinnaaswamy Pillay	1	1	1	2	26	96	Vizagapatam District	..	Vizagapatam
Goolam Moulah	1	1	1	1	152	178	Nellore do.	..	Nellore
C. Arumooa Chetty	1	..	1	..	15	..	Tanjore do.	..	Tanjore
Krishnan Nair	1	..	2	..	1,811	..	Coimbatore do.	..	Coimbatore
Total	..	..	9	..	3,228	..	..	..	..
PRICE									
J. F. Price, Esq.	..	..	3	3	5,332	3,565	Sholagberry, Oosoor, Denkenicotta, and Kishnagherry.	..	Salem
Total	..	..	3	3	5,332	3,565	..	..	..
ZEMINDARY									
Basker Row	1	1	27	22	5,339	2,697	Ganjam District	..	Ganjam District
P. Chinnaaswamy	1	1	29	27	11,344	6,915	Vizagapatam Zemindary	..	Vizagapatam District
K. Parthasardhi	1	1	2	2	1,649	867	Pittapore do.	..	Godavery do.
Narainah	1	1	2	2	1,147	663	Nuzvid do.	..	Kistna do.
Goolam Moulah	1	1	1	1	335	464	Venkatagberry do.	..	Nellore do.
C. Seetharamiah	1	1	1	1	232	431	Bungarapalem do.	..	North Arcot do.
Do.	1	1	1	1	521	453	Karvettingur do.	..	Do. do.
Do.	1	1	1	1	454	574	Poonganoor do.	..	Do. do.
Tarachund	1	1	2	3	7,029	8,687	Ramnad do.	..	Madara do.
Do.	1	1	2	3	3,054	2,053	Shevaguanga do.	..	Do. do.
Total	..	..	69	..	31,355	..	..	..	..
RAILWAY									
Railway Apothecary	..	..	..	..	23	23	Railway Lines	..	..
Total	..	..	..	..	23	23	..	..	..

* N.B.—The sex and caste of 121

Superintendence in the Madras Presidency during the year 1872-73.—(Continued.)

8 PRIMARY VACCINATION.													9 RE-VACCINATIONS.				10 Percentage of Successful Cases, excluding those Unknown from the Total.		11 Average Number of Persons vaccinated by each Vaccinator.
A. SEX.		B. CASTE.					C. AGE.		D. RESULTS.			Total.	A.	B.	C.	D.	In Primary Vaccination.	In Secondary Vaccination.	
Males.	Females.	Christians.	Hindoes.	Mahomedans.	Parses.	Other Castes.	Under one year.	Above one year.	Successful.	Unsuccessful, including Doubtful.	Unknown.		Successful.	Unsuccessful, including Doubtful.	Unknown.	Total.			
4,949	4,362	2	8,560	735	..	14	1,643	7,668	8,875	240	171	9,286	17	7	1	25	97.36	70.83	1,164
4,949	4,362	2	8,560	735	..	14	1,643	7,668	8,875	240	171	9,286	17	7	1	25	97.36	70.83	1,164
VACCINATORS.																			
472	440	..	910	2	..	..	36	876	875	39	..	912	..	..	..	..	95.72	..	228
135	131	..	266	..	..	..	12	254	245	16	1	266	..	..	..	..	93.49	..	266
60	62	..	119	3	..	..	10	112	104	10	..	114	8	..	..	3	91.22	100	122
36	29	..	65	..	..	..	8	67	65	..	..	65	..	..	..	..	100	..	65
593	978	..	1,835	16	..	..	899	972	1,201	45	25	1,871	..	..	..	..	97.53	..	935
1,556	1,640	..	3,215	21	..	..	965	2,271	3,692	110	26	3,228	8	..	..	8	96.56	100	359
VACCINATORS.*																			
3,196	2,325	..	5,550	361	..	10	550	5,292	4,554	928	239	5,721	99	10	12	121	83.07	90.82	1,947
3,196	2,325	..	5,550	361	..	10	550	5,292	4,554	928	239	5,721	99	10	12	121	83.07	90.82	1,947
VACCINATORS.																			
2,731	2,588	..	5,298	11	..	..	152	5,167	4,925	351	121	5,297	20	2	..	22	93.21	90.9	1,074
6,385	5,259	9	19,439	46	..	1,159	744	10,900	19,575	660	164	11,539	4	1	..	5	94.27	80	40
1,093	606	..	1,650	49	..	..	36	1,663	1,351	244	104	1,699	..	..	..	..	84.70	..	849
599	548	..	892	27	..	228	87	1,060	862	132	153	1,147	..	..	..	..	86.72	..	578
212	174	..	365	21	..	..	68	319	361	11	11	336	..	..	..	..	90.26	..	336
134	118	..	242	9	..	1	42	210	252	..	..	252	..	..	..	..	100	..	252
278	213	..	519	2	..	..	64	457	521	..	..	521	..	..	..	..	100	..	521
237	197	..	386	48	..	..	33	401	431	3	..	434	..	..	..	..	95.30	..	431
3,626	3,463	..	6,212	877	..	..	1,229	5,560	7,049	32	7	7,089	..	..	..	..	99.53	..	2,411
1,719	1,345	..	2,939	125	..	..	888	2,176	2,964	81	19	3,064	..	..	..	..	97.33	..	1,539
17,014	14,511	9	28,943	1,215	..	1,388	3,343	28,212	28,491	1,518	519	31,528	24	3	..	27	95.1	88.38	45
APOTHECARIES.																			
9	3	4	7	1	..	..	7	5	10	2	..	12	..	..	..	..	83.33	..	..
9	3	4	7	1	..	..	7	5	10	2	..	12	..	..	..	..	83.33	..	..

re-vaccinations are not known.

in the Madras Presidency during the year 1872-73.—(Continued.)

8													9				10		Average Number of Persons vaccinated by each Vaccinator.
PRIMARY VACCINATIONS.													RE-VACCINATIONS.				Percentage of Successful Cases, excluding those Unknown from the Total.		
A.		B.					C.					D.	A.	B.	C.	D.	In Primary Vaccination.	In Secondary Vaccinations.	
SEX.		CASTE.					AGE.		RESULTS.				RESULTS.						
Males.	Females.	Christians.	Hindus.	Mahomedans.	Parsis.	Other Castes.	Under one year.	Above one year.	Successful.	Unsuccessful, including Doubtful.	Unknown.	Total.	Successful.	Unsuccessful, including Doubtful.	Unknown.	Total.			

SUBORDINATES.

6,201	1,618	328	5,892	1,599	..	..	746	7,073	5,952	2,152	498	7,702	117	..	..	117	70-12	..	..
6,260	2,532	287	7,327	1,170	..	8	950	7,842	5,672	2,085	893	8,951	141	..	..	141	73-12	100	..
2,327	678	99	2,035	821	..	..	407	2,598	1,843	999	104	2,946	59	..	..	59	64-84	100	..
1,094	670	82	1,179	503	..	..	626	1,138	1,534	210	20	1,764	..	..	..	..	87-95	..	..
831	282	38	687	388	..	..	268	845	688	330	95	1,113	..	..	..	..	67-58	..	..
254	17	16	199	56	..	..	25	246	110	145	16	271	..	..	..	..	43-13	..	..
16,967	5,797	850	17,869	4,537	..	8	3,022	19,742	14,900	5,921	1,626	22,447	317	..	..	317	71-56	100	..

VACCINATORS.

109	80	..	184	5	..	..	2	187	182	6	1	189	..	..	..	..	96-80	..	189
76	42	2	110	6	..	..	2	116	77	41	..	118	..	..	..	..	65-25	..	118
267	243	4	504	2	..	..	30	480	473	30	7	510	..	..	..	..	94-03	..	510
280	230	..	504	6	..	..	21	489	474	31	5	510	..	..	..	..	93-86	..	510
941	309	4	1,232	14	..	..	45	1,205	1,136	94	..	1,230	20	..	..	20	92-35	100	625
261	245	..	505	1	..	..	37	409	466	9	1	476	6	24	..	30	98-10	20	506
887	348	13	1,171	48	..	..	61	1,184	932	147	111	1,190	37	7	1	45	86-37	84-09	1,235
966	588	..	1,477	66	..	11	119	1,435	1,097	357	100	1,554	..	..	..	..	75-44	..	1,554
285	286	..	374	195	..	..	9	562	425	133	13	571	..	..	..	..	76-16	..	571
725	440	13	1,039	122	..	..	47	1,118	1,034	78	..	1,162	3	..	..	3	93-28	100	1,165
846	491	12	910	415	..	..	96	1,241	903	247	163	1,313	21	3	..	24	78-52	87-50	1,337
373	249	4	515	103	..	..	36	586	576	46	..	622	..	..	..	..	92-60	..	622
470	288	..	737	21	..	..	70	688	623	104	31	758	..	..	..	..	85-69	..	758
233	172	..	266	97	..	42	124	281	395	10	..	405	..	..	..	..	97-53	..	405
148	121	3	236	30	..	..	33	236	257	12	..	269	..	..	..	..	95-53	..	269
1,540	1,179	79	2,305	335	..	..	588	2,131	2,544	170	5	2,719	..	..	..	..	93-73	..	1,359
91	94	..	185	..	..	..	35	150	185	..	..	185	..	..	..	..	100	..	185
696	644	4	1,257	79	..	..	84	1,256	1,277	42	21	1,340	..	..	..	..	96-81	..	670
383	342	1	642	10	..	72	229	496	680	35	4	719	..	5	1	6	95-10	..	725
262	271	3	387	143	..	..	70	463	508	25	..	533	..	..	..	..	95-30	..	533
744	383	16	1,105	6	..	..	241	886	928	97	83	1,108	15	4	..	19	90-53	78-94	1,127
287	261	1	540	7	..	..	47	501	532	14	2	543	..	..	..	..	97-13	..	543
1,632	1,298	..	2,520	285	..	125	1,600	1,330	2,527	289	114	2,930	..	..	..	..	89-73	..	1,465
962	816	3	1,701	74	..	..	242	1,536	1,433	138	197	1,768	10	..	..	10	91-21	100	1,778
311	238	10	521	18	..	..	90	459	454	59	36	549	..	..	..	..	88-49	..	549
652	158	61	723	26	..	..	61	749	635	115	60	810	..	..	..	..	84-66	..	810
417	327	49	688	7	..	..	62	682	582	67	95	741	..	..	..	..	89-67	..	744
264	97	4	248	109	..	..	29	332	261	82	18	361	..	..	..	..	76-09	..	361
165	114	4	76	199	..	..	29	250	210	46	23	279	..	..	..	..	82-03	..	279
23	30	12	37	1	..	2	2	51	39	8	6	53	..	..	..	..	82-97	..	53
476	426	38	328	269	..	267	528	374	962	87	6	896	5	1	..	6	90-22	83-33	451
122	86	1	111	85	..	11	111	97	290	8	..	208	..	..	..	..	96-16	..	208

in the Madras Presidency during the year 1872-73.—(Continued.)

8													9				10		11		
PRIMARY VACCINATION.													RE-VACCINATIONS.				Percentage of Successful Cases, excluding those Unknown from the Total.		Average Number of Persons vaccinated by each Vaccinator.		
A.		B.					C.		D.			A.	B.	C.	D.	In Primary Vaccination.	In Secondary Vaccination.				
Sex.		Caste.					Age.		Results.			Results.									
Males.	Females.	Christians.	Hindoes.	Mahomedans.	Pariahs.	Other Castes.	Under one year.	Above one year.	Successful.	Unsuccessful, including Doubtful.	Unknown.	Total.	Successful.	Unsuccessful, including Doubtful.	Unknown.			Total.			
444	420	8	438	201	..	117	463	456	809	47	7	863	1	..	..	1	94.50	100	864		
43	33	1	56	19	..	..	30	46	72	4	..	76	..	..	..	..	94.73	..	76		
581	487	8	962	98	..	..	341	727	996	69	12	1,068	..	..	..	..	94.81	..	531		
1,808	1,381	8	2,236	295	..	..	752	2,427	3,046	367	178	3,591	..	..	..	..	89.24	..	3,591		
294	284	54	455	29	..	..	117	461	523	38	..	561	17	..	..	17	93.20	100	578		
230	162	11	352	66	..	..	164	228	353	19	15	392	..	..	..	..	91.96	..	392		
578	172	32	1,339	290	..	30	42	708	692	11	47	750	..	..	..	..	98.43	..	750		
2,127	755	91	1,612	1,121	..	25	114	2,768	2,638	90	104	2,832	47	3	..	50	96.70	94	1,285		
992	695	416	1,023	191	..	52	35	1,652	1,190	259	229	1,678	..	9	..	9	82.12	..	1,687		
488	329	2	775	40	..	..	20	797	752	26	39	817	..	..	..	..	96.65	..	817		
667	175	70	476	284	..	62	7	835	675	55	112	842	..	..	..	..	92.46	..	842		
986	598	335	1,652	169	..	48	175	1,409	1,384	133	62	1,584	..	..	..	..	90.93	..	523		
320	218	4	449	85	..	..	206	332	506	26	6	538	..	..	..	..	95.11	..	269		
25,452	16,605	1,394	34,025	5,772	..	876	7,251	34,806	36,530	2,767	1,913	42,219	182	66	2	240	90.65	76.44	786		
192,794	144,535	5,001	299,128	27,545	..	5,653	46,595	290,854	311,411	20,692	13,626	335,729	1,646	225	151	2,122	90.57	63.51	..		

N.B.—The sex and caste of 121 re-vaccinations in the work of the Price Vaccinators, and sex, caste, and age of 402 operations of the work of the Municipal Vaccinators at Coimbatore, are not known.

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of Successful, excluding those Unknown from the Total.
				Successful.	Unsuccessful and doubtful.	Unknown.			
	April ..	Vaccine Depot ..	274	271	3	..	274	98.90	
	May ..	Do. ..	229	222	7	..	229	96.94	
	June ..	Do. ..	205	200	5	..	205	97.56	
	July ..	Do. ..	214	119	..	96	214	100	
	August ..	Do. ..	211	148	..	63	211	100	
	September ..	Do. ..	205	177	..	28	205	100	
	October ..	Do. ..	266	245	..	21	266	100	
	November ..	Do. ..	177	147	..	30	177	100	
	December ..	Do. ..	403	352	..	51	403	100	
	January ..	Do. ..	184	117	..	67	184	100	
	February ..	Do. ..	195	154	..	41	195	100	
	March ..	Do. ..	321	276	..	45	321	100	
	Total ..		2,884	2,427	15	442	2,884	99.38	
	April ..	Madras Collectorate.	1,042	998	22	22	1,042	97.84	
	May ..	Do. ..	2,909	2,866	24	19	2,909	99.16	
	June ..	Do. ..	2,965	2,907	25	33	2,965	99.14	
	July ..	Do. ..	650	543	6	1	650	99.29	
	August ..	Do. ..	417	395	15	7	417	98.34	
	September ..	Do. ..	322	313	6	3	322	98.17	
	October ..	Do. ..	267	254	10	3	267	98.21	
	November ..	Do. ..	340	330	9	1	340	97.34	
	December ..	Do. ..	333	322	3	..	333	99.10	
	January ..	Do. ..	489	478	11	..	489	97.75	
	February ..	Do. ..	505	500	2	3	505	99.60	
	March ..	Do. ..	848	831	7	10	848	99.16	
	Total ..		10,989	10,747	140	102	10,989	98.71	
	April ..	Chingleput District..	574	528	38	8	574	93.28	
	May ..	Do. ..	480	452	24	4	480	94.38	
	June ..	Do. ..	639	607	25	7	639	96.04	
	July ..	Do. ..	645	625	12	8	645	98.11	
	August ..	Do. ..	502	479	17	6	502	96.37	
	September ..	Do. ..	665	654	10	1	665	98.49	
	October ..	Do. ..	782	760	12	10	782	98.44	
	November ..	Do. ..	663	639	8	16	663	98.77	
	December ..	Do. ..	678	662	15	1	678	97.78	
	January ..	Do. ..	830	802	15	13	830	98.16	
	February ..	Do. ..	873	814	18	41	873	97.83	
	March ..	Do. ..	496	464	30	2	496	93.92	
	Total ..		7,827	7,466	224	117	7,827	97.09	
	April ..	North Arcot District.	553	542	4	7	553	99.26	
	May ..	Do. ..	621	581	3	37	621	92.19	
	June ..	Do. ..	534	507	9	18	534	95.25	
	July ..	Do. ..	676	654	7	15	676	98.94	

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5	6	7		
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.			Average Percentage Successful, excluding those Unknown from the Total.	
				Successful.	Unsuccessful and doubtful.	Unknown.	Total.	
	August ..	North Arcot District.	892	829	23	35	892	96.73
	September ..	Do.	582	552	10	20	582	98.22
	October ..	Do.	654	631	11	12	654	98.28
	November ..	Do.	711	666	14	31	711	97.94
	December ..	Do.	724	692	12	20	724	98.29
	January ..	Do.	838	779	10	49	838	98.73
	February ..	Do.	851	769	37	45	851	95.49
	March ..	Do.	762	674	17	71	762	97.53
	Total ..		8,398	7,876	162	360	8,398	97.96
	April ..	South Arcot District.	960	887	29	44	960	96.33
	May ..	Do.	1,252	1,156	29	67	1,252	97.55
	June ..	Do.	1,276	1,195	36	45	1,276	97.07
	July ..	Do.	1,575	1,452	29	94	1,575	98.04
	August ..	Do.	1,150	1,077	39	34	1,150	98.50
	September ..	Do.	954	851	51	52	954	94.34
	October ..	Do.	1,039	1,058	31	10	1,039	97.15
	November ..	Do.	967	947	6	14	967	99.37
	December ..	Do.	992	968	7	17	992	99.29
	January ..	Do.	1,155	1,147	7	1	1,155	99.29
	February ..	Do.	1,351	1,337	9	5	1,351	99.33
	March ..	Do.	1,508	1,489	11	8	1,508	99.26
	Total ..		14,239	13,564	231	391	14,239	97.94
	April ..	Trichinopoly District.	806	801	5	..	806	99.37
	May ..	Do.	785	762	16	7	785	97.94
	June ..	Do.	751	736	14	1	751	98.13
	July ..	Do.	862	850	12	..	862	98.60
	August ..	Do.	865	855	10	..	865	98.84
	September ..	Do.	745	742	3	..	745	99.59
	October ..	Do.	810	802	8	..	810	99.01
	November ..	Do.	739	730	8	1	739	98.91
	December ..	Do.	731	721	8	2	731	98.90
	January ..	Do.	787	775	10	2	787	98.72
	February ..	Do.	1,185	1,173	12	..	1,185	98.98
	March ..	Do.	913	895	28	..	913	96.92
	Total ..		9,979	9,832	154	13	9,979	98.65
	April ..	Tanjore District	1,191	1,035	28	128	1,191	97.36
	May ..	Do.	1,179	1,096	22	82	1,179	97.97
	June ..	Do.	1,643	1,516	24	103	1,643	98.44
	July ..	Do.	1,593	1,397	27	169	1,593	98.10
	August ..	Do.	1,509	1,354	20	135	1,509	98.54
	September ..	Do.	1,487	1,287	53	147	1,487	96.04
	October ..	Do.	1,238	1,126	41	71	1,238	96.48
	November ..	Do.	1,644	1,559	24	61	1,644	98.48

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of Successful, excluding those Unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.			
	December ..	Tanjore District.— (Continued.)	1,406	1,303	19	84	1,406	98.56	
	January ..	Do. ..	1,560	1,496	19	45	1,560	98.74	
	February ..	Do. ..	1,179	1,092	26	61	1,179	97.67	
	March ..	Do. ..	1,238	1,141	21	76	1,238	98.19	
	Total ..		16,858	15,372	324	1,162	16,858	97.93	
	April ..	Madura District ..	1,219	1,176	25	18	1,219	97.91	
	May ..	Do. ..	1,114	1,061	34	19	1,114	96.89	
	June ..	Do. ..	1,503	1,464	15	24	1,503	98.98	
	July ..	Do. ..	1,667	1,609	27	31	1,667	98.34	
	August ..	Do. ..	1,891	1,844	34	13	1,891	98.18	
	September ..	Do. ..	1,892	1,835	23	34	1,892	98.76	
	October ..	Do. ..	1,694	1,629	33	41	1,694	98.06	
	November ..	Do. ..	1,440	1,379	25	36	1,440	98.21	
	December ..	Do. ..	1,212	1,130	41	41	1,212	96.49	
	January ..	Do. ..	1,165	1,124	13	18	1,165	98.86	
	February ..	Do. ..	1,312	1,260	19	33	1,312	97.73	
	March ..	Do. ..	1,525	1,494	16	15	1,525	98.94	
	Total ..		17,634	17,006	305	323	17,634	98.23	
	April ..	Tinnevely District ..	818	765	45	8	818	94.44	
	May ..	Do. ..	1,001	931	62	8	1,001	93.74	
	June ..	Do. ..	820	746	55	19	820	93.12	
	July ..	Do. ..	646	595	41	10	646	93.55	
	August ..	Do. ..	981	902	43	36	981	95.44	
	September ..	Do. ..	921	846	47	28	921	94.73	
	October ..	Do. ..	623	567	31	25	623	94.81	
	November ..	Do. ..	744	678	31	35	744	95.62	
	December ..	Do. ..	613	573	34	6	613	94.39	
	January ..	Do. ..	752	687	46	19	752	93.72	
	February ..	Do. ..	657	596	37	24	657	94.15	
	March ..	Do. ..	827	729	67	41	827	92.74	
	Total ..		9,403	8,614	529	260	9,403	94.21	
	April ..	Cuddalore District ..	136	122	8	6	136	93.84	
	May ..	Do. ..	191	163	23	5	191	87.63	
	June ..	Do. ..	229	182	38	9	229	82.72	
	July ..	Do. ..	288	250	30	8	288	89.28	
	August ..	Do. ..	245	225	15	8	245	93.75	
	September ..	Do. ..	290	229	30	31	290	88.41	
	October ..	Do. ..	246	216	16	14	246	93.10	
	November ..	Do. ..	326	284	25	17	326	91.90	
	December ..	Do. ..	554	492	44	18	554	91.79	
	January ..	Do. ..	602	548	27	28	602	95.30	
	February ..	Do. ..	428	380	23	25	428	94.23	
	March ..	Do. ..	641	562	49	30	641	91.98	
	Total ..		4,180	3,653	328	159	4,180	91.76	

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5	6	7		
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.			Total.	Average Percentage of Successful, excluding those Unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.		
	April	Kurnool District.	131	92	21	18	131	81.41
	May	Do. ..	133	82	22	29	133	78.84
	June	Do. ..	135	114	13	8	135	89.76
	July	Do. ..	296	260	17	18	296	93.86
	August	Do. ..	267	230	21	16	267	91.63
	September	Do. ..	151	133	6	12	151	95.68
	October	Do. ..	119	77	24	18	119	76.23
	November	Do. ..	170	135	23	12	170	85.44
	December	Do. ..	175	149	10	16	195	83.24
	January	Do. ..	187	160	17	10	187	90.23
	February	Do. ..	149	102	14	33	149	87.93
	March	Do. ..	215	195	11	9	215	94.66
	Total	Total	2,127	1,729	199	199	2,127	89.67
	April	Bellary District ..	1,002	933	41	28	1,002	95.79
	May	Do. ..	1,157	1,023	79	50	1,157	92.86
	June	Do. ..	1,014	936	49	29	1,014	96.04
	July	Do. ..	1,401	1,318	56	27	1,401	95.92
	August	Do. ..	1,127	1,040	51	36	1,127	96.32
	September	Do. ..	522	497	17	8	522	96.69
	October	Do. ..	892	830	46	16	892	94.71
	November	Do. ..	964	906	36	22	964	96.17
	December	Do. ..	1,065	965	66	34	1,065	93.59
	January	Do. ..	1,156	1,034	96	24	1,156	93.45
	February	Do. ..	1,328	1,193	103	32	1,328	92.05
	March	Do. ..	1,378	1,270	82	26	1,378	93.93
	Total	Total	13,006	11,950	722	334	13,006	94.39
	April	Salem District ..	638	561	9	68	638	98.42
	May	Do. ..	514	453	4	57	514	99.12
	June	Do. ..	678	624	9	45	678	98.57
	July	Do. ..	781	715	7	59	781	99.63
	August	Do. ..	825	784	27	14	825	96.67
	September	Do. ..	1,019	984	9	26	1,019	99.09
	October	Do. ..	1,451	1,417	2	32	1,451	99.85
	November	Do. ..	1,107	1,073	12	22	1,107	93.36
	December	Do. ..	853	822	21	10	853	97.50
	January	Do. ..	714	663	..	51	714	100
	February	Do. ..	820	686	14	120	820	98
	March	Do. ..	699	601	19	79	699	96.93
	Total	Total	10,099	9,383	133	583	10,099	98.60
	April	Coimbatore District.	992	848	71	73	992	92.27
	May	Do. ..	1,274	1,066	85	103	1,274	92.74
	June	Do. ..	1,566	1,286	77	103	1,566	94.73
	July	Do. ..	1,799	1,562	82	155	1,799	95.00
	August	Do. ..	2,907	2,625	67	215	2,907	97.05
	September	Do. ..	2,881	2,609	121	151	2,881	95.56

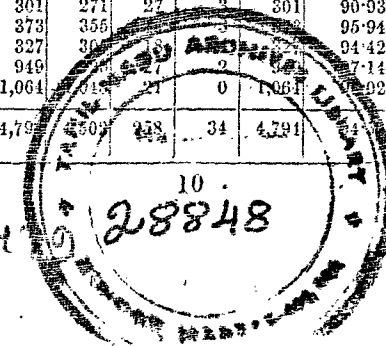
No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of successful operations excluding those unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.			
	October ..	Coimbatore District.— (Continued.)	3,551	3,069	230	252	3,551	93.02	
	November ..	Do. ..	2,534	2,262	114	158	2,533	95.24	
	December ..	Do. ..	2,423	2,150	125	148	2,423	94.82	
	January ..	Do. ..	2,862	2,651	138	73	2,862	96.05	
	February ..	Do. ..	3,439	3,195	162	79	3,439	95.17	
	March ..	Do. ..	2,091	1,952	84	55	2,091	95.87	
	Total ..		28,319	25,398	1,356	1,565	28,319	94.98	
	April ..	Malabar District ..	786	751	2	33	786	99.73	
	May ..	Do. ..	693	648	13	32	693	93.03	
	June ..	Do. ..	813	766	10	37	813	93.71	
	July ..	Do. ..	1,010	940	24	46	1,010	97.51	
	August ..	Do. ..	827	744	37	46	827	95.26	
	September ..	Do. ..	866	788	36	42	866	95.69	
	October ..	Do. ..	1,466	1,415	15	36	1,466	98.83	
	November ..	Do. ..	947	906	12	29	947	98.69	
	December ..	Do. ..	787	766	2	19	787	99.73	
	January ..	Do. ..	930	945	17	28	930	98.23	
	February ..	Do. ..	967	835	45	35	967	95.15	
	March ..	Do. ..	943	874	33	36	943	96.36	
	Total ..		11,095	10,426	247	422	11,095	97.68	
	April ..	South Canara District.	913	834	33	46	913	96.19	
	May ..	Do. ..	745	680	29	36	745	95.90	
	June ..	Do. ..	755	690	32	33	755	95.56	
	July ..	Do. ..	679	629	17	33	679	97.36	
	August ..	Do. ..	570	524	22	24	570	95.97	
	September ..	Do. ..	486	448	23	15	486	95.11	
	October ..	Do. ..	791	693	29	69	791	95.98	
	November ..	Do. ..	931	844	27	60	931	96.90	
	December ..	Do. ..	1,064	929	30	105	1,064	96.88	
	January ..	Do. ..	1,633	1,486	22	125	1,633	98.54	
	February ..	Do. ..	2,189	1,844	49	296	2,189	97.41	
	March ..	Do. ..	1,684	1,114	38	532	1,684	96.70	
	Total ..		12,440	10,715	351	1,374	12,440	96.82	
	April ..	Nellore District.	958	945	16	3	958	98.55	
	May ..	Do. ..	1,010	977	9	24	1,010	99.08	
	June ..	Do. ..	678	658	15	5	678	97.77	
	July ..	Do. ..	840	790	17	33	840	97.89	
	August ..	Do. ..	962	879	19	4	962	97.88	
	September ..	Do. ..	1,255	1,232	12	11	1,255	99.03	
	October ..	Do. ..	1,046	1,021	12	13	1,046	98.32	
	November ..	Do. ..	986	966	9	11	986	99.07	
	December ..	Do. ..	814	778	25	11	814	96.88	

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of successful operations excluding those unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.			
	January ..	Nellore District.— (Continued.)	1,107	1,075	22	10	1,107	97.99	
	February ..	Do. ..	894	862	15	17	894	98.27	
	March ..	Do. ..	1,071	1,039	14	18	1,071	98.67	
	Total ..		11,561	11,222	179	160	11,561	98.42	
	April ..	Kistna District.	704	614	74	16	704	89.24	
	May ..	Do. ..	864	764	76	24	864	90.95	
	June ..	Do. ..	631	518	67	16	631	89.10	
	July ..	Do. ..	656	599	42	15	656	93.44	
	August ..	Do. ..	548	503	39	6	548	92.80	
	September ..	Do. ..	397	338	49	10	397	87.33	
	October ..	Do. ..	384	342	29	13	384	92.18	
	November ..	Do. ..	494	444	35	15	494	92.69	
	December ..	Do. ..	526	466	42	18	526	91.73	
	January ..	Do. ..	537	468	53	16	537	89.82	
	February ..	Do. ..	502	417	63	22	502	86.87	
	March ..	Do. ..	699	608	74	17	699	83.14	
	Total ..		6,942	6,111	643	188	6,942	90.47	
	April ..	Godavery District ..	648	531	94	23	648	84.96	
	May ..	Do. ..	489	422	63	4	489	87.01	
	June ..	Do. ..	726	594	97	35	726	85.96	
	July ..	Do. ..	686	580	81	25	686	87.74	
	August ..	Do. ..	749	642	74	33	749	89.66	
	September ..	Do. ..	686	537	105	44	686	83.64	
	October ..	Do. ..	705	598	85	22	705	87.55	
	November ..	Do. ..	674	557	73	44	674	88.41	
	December ..	Do. ..	759	602	125	32	759	82.80	
	January ..	Do. ..	851	723	98	30	851	88.06	
	February ..	Do. ..	852	756	66	30	852	91.97	
	March ..	Do. ..	975	852	90	33	975	90.44	
	Total ..		8,800	7,394	1,051	355	8,800	87.55	
	April ..	Vizagapatam District.	371	356	11	4	371	97.00	
	May ..	Do. ..	174	145	24	5	174	85.79	
	June ..	Do. ..	117	96	14	7	117	87.27	
	July ..	Do. ..	235	193	41	1	235	82.47	
	August ..	Do. ..	328	300	26	2	328	92.02	
	September ..	Do. ..	260	245	13	2	260	94.96	
	October ..	Do. ..	295	273	21	1	295	92.85	
	November ..	Do. ..	301	271	27	3	301	90.93	
	December ..	Do. ..	373	355	18	3	373	95.94	
	January ..	Do. ..	327	305	22	3	327	94.42	
	February ..	Do. ..	949	852	21	2	949	97.14	
	March ..	Do. ..	1,064	945	21	0	1,064	99.02	
	Total ..		4,799	4,503	438	34	4,799	96.44	

L: 663. 2111 N 10
M74



No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of successful, excluding those unknown from the total.
				Successful.	Unsuccessful and Doubtful.	Unknown.			
	April ..	Jeyapore, Vizagapatam.	78	68	8	2	78	89.47	
	May ..	Do.	64	54	7	3	64	88.52	
	June ..	Do.	71	62	9	..	71	87.32	
	July ..	Do.	76	64	9	3	76	87.67	
	August ..	Do.	47	39	6	2	47	86.66	
	September ..	Do.	69	58	5	6	69	92.06	
	October ..	Do.	62	55	2	5	62	96.49	
	November ..	Do.	55	49	4	2	55	92.45	
	December ..	Do.	63	57	4	2	63	93.44	
	January ..	Do.	38	36	1	1	38	97.29	
	February ..	Do.	53	50	..	8	53	100	
	March ..	Do.	33	29	3	1	33	90.62	
	Total ..		714	624	55	35	714	91.89	
	April ..	Ganjam District	69	53	12	4	69	88.33	
	May ..	Do.	57	36	13	8	57	73.46	
	June ..	Do.	63	37	17	9	63	68.51	
	July ..	Do.	84	52	14	18	84	78.78	
	August ..	Do.	57	35	16	6	57	68.62	
	September ..	Do.	82	57	18	7	82	76.00	
	October ..	Do.	53	32	14	7	53	69.56	
	November ..	Do.	70	59	8	3	70	88.05	
	December ..	Do.	104	83	15	6	104	84.69	
	January ..	Do.	77	57	10	10	77	84.41	
	February ..	Do.	100	81	12	7	100	87.09	
	March ..	Do.	92	66	20	6	92	76.74	
	Total ..		908	648	169	91	908	79.31	
	April ..	Hill Tracts, Ganjam District.	68	66	..	2	68	100	
	May ..	Do.	95	94	1	..	95	98.94	
	June ..	Do.	66	65	1	..	66	98.47	
	July ..	Do.	84	73	6	5	84	92.40	
	August ..	Do.	61	52	7	2	61	88.13	
	September ..	Do.	76	69	7	..	76	90.78	
	October ..	Do.	61	52	3	6	61	94.54	
	November ..	Do.	85	69	3	13	85	95.83	
	December ..	Do.	55	33	2	..	55	94.28	
	January ..	Do.	468	464	4	..	468	99.14	
	February ..	Do.	428	425	..	3	428	100	
	March ..	Do.	281	281	..	..	281	100	
	Total ..		1,808	1,743	34	31	1,808	98.08	
	Grand Total ..		215,004	198,422	7,842	8,740	215,004	96.19	

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of successful, excluding those unknown from the total.
				Successful.	Unsuccessful and Doubtful.	Unknown.			
MILITARY CANTONMENTS.									
	April ..	Bangalore	112	101	1	10	112	99.01	
	May ..	Do.	91	88	..	3	91	100	
	June ..	Do.	71	66	..	5	71	100	
	July ..	Do.	85	76	..	9	85	100	
	August ..	Do.	41	35	..	6	41	100	
	September ..	Do.	70	66	3	1	70	95.65	
	October ..	Do.	48	44	4	..	48	91.66	
	November ..	Do.	47	44	3	..	47	93.61	
	December ..	Do.	66	62	..	4	66	100	
	January ..	Do.	49	48	1	..	49	97.95	
	February ..	Do.	60	60	..	..	60	100	
	March ..	Do.	114	112	2	..	114	98.24	
	Total ..		854	802	14	38	854	98.28	
	April ..	Secunderabad	33	21	10	2	33	67.74	
	May ..	Do.	121	96	17	8	121	84.95	
	June ..	Do.	125	106	15	4	125	87.60	
	July ..	Do.	111	92	6	13	111	93.87	
	August ..	Do.	110	94	4	12	110	95.91	
	September ..	Do.	116	99	3	14	116	97.05	
	October ..	Do.	201	179	10	12	201	94.70	
	November ..	Do.	260	223	17	15	260	93.06	
	December ..	Do.	239	227	2	10	239	99.12	
	January ..	Do.	208	203	2	1	208	99.02	
	February ..	Do.	189	180	6	3	189	96.77	
	March ..	Do.	149	143	5	1	149	96.62	
	Total ..		1,860	1,668	97	95	1,860	94.60	
	April ..	Kamptee	149	129	9	1	149	93.91	
	May ..	Do.	71	59	12	..	71	83.09	
	June ..	Do.	68	61	7	..	68	89.70	
	July ..	Do.	61	57	4	..	61	93.44	
	August ..	Do.	81	69	12	..	81	86.18	
	September ..	Do.	69	53	5	1	69	91.37	
	October ..	Do.	88	80	8	..	88	90.99	
	November ..	Do.	104	101	3	..	104	97.11	
	December ..	Do.	85	81	3	1	85	96.45	
	January ..	Do.	99	95	4	..	99	95.95	
	February ..	Do.	106	104	2	..	106	98.11	
	March ..	Do.	155	147	8	..	155	98.43	
	Total ..		1,126	1,046	77	8	1,126	93.14	
	Grand Total ..		3,840	3,516	188	136	3,840	94.92	

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed, in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5			6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.			Total.	Average Percentage of Successful, excluding those unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.		
TEMPORARY VACCINATORS.								
April ..	..	Tinnevely District..	..	..	..	..	..	..
May ..	..	Do. ..	..	..	..	..	..	..
June ..	..	Do. ..	..	..	..	..	..	..
July ..	..	Do. ..	..	..	..	..	..	..
August ..	..	Do. ..	..	..	..	..	..	..
September ..	..	Do. ..	..	..	..	..	..	..
October ..	..	Do. ..	..	..	..	..	..	..
November ..	..	Do. ..	..	..	..	..	..	..
December ..	..	Do. ..	..	..	..	..	..	..
January ..	..	Do. ..	393	312	47	34	393	86.90
February ..	..	Do. ..	634	470	68	96	634	87.36
March ..	..	Do. ..	787	491	120	176	787	80.36
Total ..			1,814	1,273	235	306	1,814	84.41
April ..	..	Coimbatore District..	..	..	..	..	..	..
May ..	..	Do. ..	..	..	..	..	..	..
June ..	..	Do. ..	..	..	..	..	..	..
July ..	..	Do. ..	..	..	..	..	..	..
August ..	..	Do. ..	..	..	..	..	..	..
September ..	..	Do. ..	..	..	..	..	..	..
October ..	..	Do. ..	..	..	..	..	..	..
November ..	..	Do. ..	20	15	3	2	20	83.33
December ..	..	Do. ..	50	45	5	..	..	90
January ..	..	Do. ..	331	312	15	4	331	95.41
February ..	..	Do. ..	186	173	6	7	186	96.64
March ..	..	Do. ..	154	148	6	..	154	96.10
Total ..			741	693	35	13	741	95.19
April ..	..	Malabar District ..	..	..	..	..	..	..
May ..	..	Do. ..	..	..	..	..	..	..
June ..	..	Do. ..	..	..	..	..	..	..
July ..	..	Do. ..	..	..	..	..	..	..
August ..	..	Do. ..	..	..	..	..	..	..
September ..	..	Do. ..	..	..	..	..	..	..
October ..	..	Do. ..	..	..	..	..	..	..
November ..	..	Do. ..	..	..	..	..	..	..
December ..	..	Do. ..	..	..	..	..	..	..
January ..	..	Do. ..	..	..	..	..	..	..
February ..	..	Do. ..	..	..	..	..	..	..
March ..	..	Do. ..	123	105	8	10	123	92.92
Total ..			123	105	8	10	123	92.92
April ..	..	Godavery District ..	..	..	..	..	..	..
May ..	..	Do. ..	..	..	..	..	..	..
June ..	..	Do. ..	110	88	21	1	110	80.73

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5	6	7	8	9
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	Results.				Average Percentage of Successful Vaccinations, including those Unknown, from the Total.
				Successful.	Unsuccessful and doubtful.	Unknown.	Total.	
	November ..	Ramanad Zemindary.	727	726	1	..	727	99.88
	December ..	Do.	663	662	1	..	663	99.84
	January ..	Do.	713	705	1	7	713	99.85
	February ..	Do.	351	351	3	..	354	99.15
	March ..	Do.	535	538	7	..	550	98.75
	Total ..		7,982	7,949	34	7	7,989	99.63
	April ..	Shavanganga Zemindary.	286	275	6	6	289	97.86
	May ..	Do.	341	322	8	4	344	97.61
	June ..	Do.	291	286	5	..	291	98.28
	July ..	Do.	337	377	7	3	387	98.17
	August ..	Do.	261	253	7	1	261	97.36
	September ..	Do.	354	348	14	2	364	96.02
	October ..	Do.	378	360	9	3	372	94.85
	November ..	Do.	331	282	15	1	331	84
	December ..	Do.	197	195	1	..	197	99.06
	January ..	Do.	161	160	1	..	161	99
	February ..	Do.	116	113	3	..	116	97.41
	March ..	Do.	144	142	2	..	144	98.61
	Total ..		2,034	2,034	51	19	2,064	97.32
	Grand Total ..		31,555	31,515	1,521	519	31,555	95.09

RAILWAY APOTHECARIES.

For the whole year..	Railway...	12	10	2	..	12	83.33
----------------------	------------	----	----	---	----	----	-------

MEDICAL SUBORDINATES.

April ..	Presidency and Northern Districts.	356	250	97	9	356	72.04
May ..	Do.	366	290	69	7	366	80.77
June ..	Do.	423	280	123	20	423	69.47
July ..	Do.	806	492	210	67	806	67.52
August ..	Do.	853	515	224	83	853	71.56
September ..	Do.	733	425	176	102	733	70.75
October ..	Do.	574	379	170	71	574	77.30
November ..	Do.	773	512	209	57	773	71.01
December ..	Do.	545	328	203	17	545	62.12
January ..	Do.	433	310	110	7	433	74.17
February ..	Do.	551	348	153	20	551	65.63
March ..	Do.	1,156	787	351	38	1,156	68.60
Total ..		7,819	5,169	2,152	498	7,819	73.53

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5			6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.			Total.	Average Percentage of Successful Vaccinations, including those Unknown, from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.		
	April ..	Southern Division ..	594	402	96	96	594	80.72
	May ..	Do.	935	578	244	113	935	70.31
	June ..	Do.	756	495	171	87	756	74.43
	July ..	Do.	903	661	205	137	903	73.23
	August ..	Do.	663	463	129	66	663	78.89
	September ..	Do.	657	406	187	61	657	68.62
	October ..	Do.	718	469	173	76	718	73.05
	November ..	Do.	747	499	187	61	747	72.71
	December ..	Do.	759	476	217	66	759	68.23
	January ..	Do.	461	307	116	38	461	72.57
	February ..	Do.	631	402	162	67	631	71.27
	March ..	Do.	968	745	198	25	968	75.21
	Total ..		8,792	5,814	2,085	893	8,792	73.60
	April ..	Mysore and Ceded Districts.	211	89	129	2	211	38.27
	May ..	Do.	195	192	81	12	195	55.75
	June ..	Do.	180	90	86	4	180	51.13
	July ..	Do.	208	99	94	15	208	51.29
	August ..	Do.	213	137	75	1	213	64.62
	September ..	Do.	253	176	66	11	253	72.72
	October ..	Do.	250	148	97	5	250	60.40
	November ..	Do.	295	205	75	15	295	73.21
	December ..	Do.	320	242	77	1	320	75.86
	January ..	Do.	342	222	104	16	342	68.09
	February ..	Do.	226	156	66	4	226	70.27
	March ..	Do.	312	245	49	18	312	83.33
	Total ..		3,005	1,992	999	104	3,005	65.56
	April ..	Hyderabad Subsidiary Force.	191	176	15	..	191	92.14
	May ..	Do.	138	125	12	..	138	91.30
	June ..	Do.	92	85	6	..	92	93.47
	July ..	Do.	85	28	47	..	85	44.70
	August ..	Do.	31	23	5	..	31	83.87
	September ..	Do.	111	83	19	9	111	81.37
	October ..	Do.	111	96	15	..	111	86.48
	November ..	Do.	339	237	62	..	339	84.46
	December ..	Do.	107	100	7	..	107	93.45
	January ..	Do.	69	55	14	..	69	79.71
	February ..	Do.	180	176	3	1	180	98.32
	March ..	Do.	250	235	5	10	250	97.91
	Total ..		1,764	1,534	210	20	1,764	87.95
	April ..	Nagpore Force	46	37	9	..	46	80.43
	May ..	Do.	9	1	5	3	9	16.66
	June ..	Do.	62	20	37	5	62	35.05
	July ..	Do.	97	49	25	20	97	63.63

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of Successful operations excluding those unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.			
Pittapoor Zemindary.	April ..	Do.	122	82	23	17	122	78.09	
	May ..	Do.	131	110	15	6	131	88.5	
	June ..	Do.	108	89	14	3	106	86.40	
	July ..	Do.	119	97	16	6	114	85.81	
	August ..	Do.	165	131	26	8	165	83.12	
	September ..	Do.	151	121	15	15	151	82.87	
	October ..	Do.	159	120	26	13	159	82.19	
	November ..	Do.	146	117	17	11	145	87.31	
	December ..	Do.	160	116	30	14	160	79.45	
	January ..	Do.	154	136	16	2	154	89.17	
	February ..	Do.	135	110	21	4	135	83.96	
	March ..	Do.	152	122	25	5	152	82.99	
	Total ..		1,339	1,351	244	104	1,339	81.70	
	April ..	Nuzzeed Zemindary.	99	59	14	17	90	71.08	
Nuzzeed Zemindary.	May ..	Do.	239	191	..	9	200	100	
	June ..	Do.	60	38	11	11	60	77.50	
	July ..	Do.	55	48	5	2	55	90.56	
	August ..	Do.	26	15	..	11	26	100	
	September ..	Do.	30	30	..	..	30	100	
	October ..	Do.	101	96	..	5	101	100	
	November ..	Do.	136	89	22	25	136	80.18	
	December ..	Do.	174	114	27	33	174	80.85	
	January ..	Do.	67	34	17	16	67	66.56	
	February ..	Do.	173	121	33	19	173	78.57	
	March ..	Do.	25	27	3	5	35	90	
	Total ..		1,147	862	132	153	1,147	86.72	
Venkatagerry Zemindary.	April ..	Do.	30	30	..	..	30	100	
	May ..	Do.	29	28	1	..	29	96.55	
	June ..	Do.	43	32	..	11	43	100	
	July ..	Do.	31	30	1	..	31	96.77	
	August ..	Do.	39	35	4	..	39	89.74	
	September ..	Do.	62	61	1	..	62	98.38	
	October ..	Do.	23	22	1	..	33	96.93	
	November ..	Do.	40	40	..	..	40	100	
	December ..	Do.	34	32	2	..	34	94.11	
	January ..	Do.	..	..	..	..	..	..	
	February ..	Do.	45	41	4	..	45	91.11	
	March ..	Do.	..	..	..	..	..	..	
	Total ..		386	361	14	11	386	96.26	
Bungarupoliam Zemindary.	April ..	Do.	25	25	..	..	25	100	
	May ..	Do.	25	25	..	..	25	100	
	June ..	Do.	32	32	..	..	32	100	
	July ..	Do.	29	29	..	..	29	100	

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of Successful operations excluding those unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.			
Bungarupoliam Zemindary.—(Contd.)	August ..	Do.	39	39	..	..	39	100	
	September ..	Do.	22	29	..	..	29	100	
	October ..	Do.	18	18	..	..	18	100	
	November ..	Do.	15	15	..	..	15	100	
	December ..	Do.	18	18	..	..	18	100	
	January ..	Do.	13	13	..	..	13	100	
	February ..	Do.	9	9	..	..	9	100	
	March ..	Do.	..	..	..	..	..	..	
	Total ..		252	252	..	..	252	100	
Cavettinugger Zemindary.	April ..	Do.	43	43	..	..	43	100	
	May ..	Do.	46	46	..	..	46	100	
	June ..	Do.	37	37	..	..	37	100	
	July ..	Do.	39	39	..	..	39	100	
	August ..	Do.	41	41	..	..	41	100	
	September ..	Do.	59	59	..	..	59	100	
	October ..	Do.	67	67	..	..	67	100	
	November ..	Do.	59	59	..	..	59	100	
	December ..	Do.	54	54	..	..	54	100	
	January ..	Do.	39	39	..	..	39	100	
	February ..	Do.	46	46	..	..	46	100	
	March ..	Do.	..	..	..	..	..	..	
	Total ..		521	521	..	..	521	100	
Poongamere Zemindary.	April ..	Do.	40	40	..	..	40	100	
	May ..	Do.	43	43	..	..	43	100	
	June ..	Do.	16	16	..	..	16	100	
	July ..	Do.	40	40	..	..	40	100	
	August ..	Do.	60	60	..	..	60	100	
	September ..	Do.	86	86	..	..	86	100	
	October ..	Do.	65	64	1	..	65	98.46	
	November ..	Do.	39	39	..	..	39	100	
	December ..	Do.	45	43	2	..	45	95.55	
	January ..	Do.	..	..	..	..	..	..	
	February ..	Do.	..	..	..	..	..	..	
	March ..	Do.	..	..	..	..	..	..	
	Total ..		434	431	3	..	434	99.30	
Rammad Zemindary.	April ..	Do.	524	516	8	..	524	98.41	
	May ..	Do.	462	460	2	..	462	99.56	
	June ..	Do.	584	583	1	..	584	99.82	
	July ..	Do.	683	680	3	..	683	99.56	
	August ..	Do.	629	627	2	..	629	99.67	
	September ..	Do.	557	557	..	..	557	100	
October ..	Do.	Do.	628	624	4	..	628	99.36	

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Numbers vaccinated.	RESULTS.				Total.	Average Percentage of Successful excluding those unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.			
Vizagapatam District.	April ..	Do.	..	..	..	..	..	..	..
	May ..	Do.	..	..	..	..	..	..	..
	June ..	Do.	..	..	..	..	..	..	..
	July ..	Do.	..	..	..	..	..	..	..
	August ..	Do.	10	9	1	..	10	90	..
	September ..	Do.	15	14	1	..	..	93.33	..
	October ..	Do.	13	13	..	..	..	100	..
	November ..	Do.	58	53	5	..	..	91.57	..
	December ..	Do.	30	27	2	1	..	90	..
	January ..	Do.	30	28	2	..	..	93.33	..
	February ..	Do.	80	75	5	..	..	93.75	..
	March ..	Do.	30	30	..	..	..	100	..
	Total ..		266	249	16	1	266	93.90	..
Nellore District	April ..	Do.	..	..	..	..	..	..	..
	May ..	Do.	..	..	..	..	..	..	..
	June ..	Do.	..	..	..	..	..	..	..
	July ..	Do.	..	..	..	..	..	..	..
	August ..	Do.	62	54	8	..	62	87.69	..
	September ..	Do.	..	..	..	..	..	..	..
	October ..	Do.	..	..	..	..	..	..	..
	November ..	Do.	60	58	2	..	60	93.66	..
	December ..	Do.	..	..	..	..	..	..	..
	January ..	Do.	..	..	..	..	..	..	..
	February ..	Do.	..	..	..	..	..	..	..
	March ..	Do.	..	..	..	..	..	..	..
	Total ..		122	112	10	..	122	91.80	..
Tanjore District	April ..	Do.	..	..	..	..	..	..	..
	May ..	Do.	..	..	..	..	..	..	..
	June ..	Do.	..	..	..	..	..	..	..
	July ..	Do.	..	..	..	..	..	..	..
	August ..	Do.	..	..	..	..	..	..	..
	September ..	Do.	..	..	..	..	..	..	..
	October ..	Do.	..	..	..	..	..	..	..
	November ..	Do.	..	..	..	..	..	..	..
	December ..	Do.	..	..	..	..	..	..	..
	January ..	Do.	..	..	..	..	..	..	..
	February ..	Do.	11	11	..	..	11	100	..
	March ..	Do.	54	54	..	..	54	100	..
	Total ..		65	65	..	..	65	100	..
Coimbatore District.	April ..	Do.	..	..	..	..	..	..	..
	May ..	Do.	..	..	..	..	..	..	..
	June ..	Do.	45	40	5	..	45	88.88	..
	July ..	Do.	93	91	..	..	93	97.84	..
	August ..	Do.	120	119	1	..	120	100	..
	September ..	Do.	136	131	5	..	136	100	..

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of Successful excluding those unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.			
Coimbatore District.— (Continued.)	October ..	Do.	125	123	..	2	125	100	..
	November ..	Do.	155	153	2	..	155	98.70	..
	December ..	Do.	525	490	27	8	525	94.77	..
	January ..	Do.	163	163	..	..	163	100	..
	February ..	Do.	374	361	7	6	374	98.09	..
	March ..	Do.	135	130	4	1	135	97.01	..
	Total ..		1,371	1,301	45	25	1,371	97.56	..
	Grand Total ..		3,236	3,100	110	26	3,236	96.57	..
PRICE VACCINATORS.									
For the whole year.	Salem District ..		5,842	4,653	938	251	5,842	83.22	..
ZEMINDARY VACCINATORS.									
Ganjam District ..	April ..	Do.	547	506	37	4	547	93.18	..
	May ..	Do.	472	446	24	2	472	94.84	..
	June ..	Do.	339	312	25	2	339	92.58	..
	July ..	Do.	305	268	33	4	305	89.03	..
	August ..	Do.	297	274	23	..	297	92.25	..
	September ..	Do.	333	317	16	..	333	95.19	..
	October ..	Do.	415	379	33	3	415	91.99	..
	November ..	Do.	395	367	28	..	395	92.91	..
	December ..	Do.	509	482	25	2	509	95.06	..
	January ..	Do.	623	487	28	11	623	94.54	..
	February ..	Do.	585	458	66	71	585	89.90	..
	March ..	Do.	596	549	25	22	596	95.64	..
	Total ..		5,319	4,845	353	121	5,319	93.20	..
Vizagapatam District.	April ..	Do.	750	698	50	2	750	93.31	..
	May ..	Do.	602	547	44	11	602	92.55	..
	June ..	Do.	437	438	47	2	437	90.30	..
	July ..	Do.	617	535	72	10	617	88.13	..
	August ..	Do.	707	652	55	..	707	92.22	..
	September ..	Do.	657	498	58	1	657	89.58	..
	October ..	Do.	665	594	68	13	665	91.10	..
	November ..	Do.	803	737	51	15	803	93.52	..
	December ..	Do.	935	872	49	14	935	94.67	..
	January ..	Do.	1,103	1,044	51	8	1,103	95.34	..
	February ..	Do.	2,119	2,054	46	10	2,119	97.80	..
	March ..	Do.	2,299	2,210	80	9	2,299	96.50	..
	Total ..		11,644	10,879	661	104	11,644	94.27	..

A.

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5			6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	Results.			Total.	Average Percent- age of Successful residing those Unknown from the Total.
				Successful.	Unsuccess- ful and Deaf.	Unknown.		
	July ..	Chinnacole Municipality.—(Continued.)	7	6	2	..	7	71.42
	August ..	Do.	8	4	4	..	8	50
	September ..	Do.	9	6	3	..	9	66.66
	October ..	Do.	11	5	6	..	11	45.45
	November ..	Do.	10	7	3	..	10	70
	December ..	Do.	11	8	3	..	11	72.72
	January ..	Do.	13	8	5	..	13	61.53
	February ..	Do.	19	14	5	..	19	73.68
	March ..	Do.	15	10	5	..	15	66.66
		Total ..	118	77	41	..	118	65.25
	April ..	Bimalipatam Municipality.	89	25	4	..	89	96.50
	May ..	Do.	34	23	5	..	34	85.29
	June ..	Do.	24	24	..	..	24	100
	July ..	Do.	25	25	..	..	25	100
	August ..	Do.	36	31	2	3	36	93.92
	September ..	Do.	160	148	9	3	160	94.24
	October ..	Do.	34	31	3	..	34	91.17
	November ..	Do.	36	35	1	..	36	97.22
	December ..	Do.	25	22	3	..	25	90
	January ..	Do.	25	24	1	..	25	96
	February ..	Do.	22	19	2	1	22	90.47
	March ..	Do.	..	..	..	..	..	..
		Total ..	510	473	30	7	510	94.03
	April ..	Paleondah Municipality.	26	18	8	..	26	69.23
	May ..	Do.	9	5	4	..	9	55.55
	June ..	Do.	8	5	3	..	8	42.50
	July ..	Do.	13	4	4	5	13	60
	August ..	Do.	34	32	2	..	34	94.11
	September ..	Do.	26	25	3	..	28	82.14
	October ..	Do.	25	25	..	..	25	100
	November ..	Do.	54	54	..	..	54	100
	December ..	Do.	69	59	1	..	69	98.55
	January ..	Do.	50	25	5	..	26	83.32
	February ..	Do.	32	32	..	..	32	100
	March ..	Do.	141	140	1	..	141	92.11
		Total ..	510	474	31	5	510	92.34
	April ..	Vizagapatam Municipality.	89	76	4	..	89	95
	May ..	Do.	80	72	8	..	80	90
	June ..	Do.	85	80	6	..	86	93.02
	July ..	Do.	196	184	12	..	196	93.87
	August ..	Do.	92	80	12	..	92	86.95
	September ..	Do.	80	72	8	..	80	90

A.

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5	6	7		
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.			Total.	Average Percent- age of Successful vaccinations excluding those Unknown from the Total.
				Successful.	Unsuccessful and doubtful.	Unknown.		
	October	Vizagapatam Municipality.—(Continued.)	129	108	12	..	120	90
	November	Do.	120	112	8	..	120	93.33
	December	Do.	80	76	4	..	80	95
	January	Do.	94	86	8	..	94	91.48
	February	Do.	116	116	..	..	116	100
	March	Do.	106	94	12	..	106	88.37
	Total ..		1,250	1,156	94	..	1,250	92.49
	April ..	Vizianagaram Municipality	33	21	2	..	33	63.63
	May ..	Do.	36	32	4	..	36	88.88
	June ..	Do.	50	47	3	..	50	94
	July ..	Do.	41	33	8	..	41	80.49
	August	Do.	42	37	5	..	42	88.09
	September	Do.	45	41	4	..	45	91.11
	October	Do.	40	38	2	..	40	95
	November	Do.	38	36	2	..	38	94.73
	December	Do.	35	35	..	..	35	100
	January	Do.	40	37	3	..	40	92.50
	February	Do.	35	32	3	..	35	91.42
	March ..	Do.	71	63	8	..	71	88.73
	Total ..		506	472	34	..	506	93.28
	April ..	Cocanada Municipality.	217	175	35	..	217	80.64
	May ..	Do.	201	177	11	..	201	88.06
	June ..	Do.	171	130	19	..	171	75.99
	July ..	Do.	80	50	10	..	80	62.50
	August	Do.	54	36	12	..	54	66.66
	September	Do.	52	33	6	..	52	63.46
	October	Do.	105	84	16	..	105	79.05
	November	Do.	89	75	7	..	89	84.27
	December	Do.	66	54	6	..	66	81.81
	January	Do.	52	35	9	..	52	79.54
	February	Do.	88	61	15	..	88	69.31
	March ..	Do.	60	53	4	..	60	88.33
	Total ..		1,235	969	154	..	1,235	78.46
	April ..	Rajahmundry Municipality.	522	491	39	..	522	92.33
	May ..	Do.	371	236	108	..	371	63.63
	June ..	Do.	287	193	77	..	287	71.48
	July ..	Do.	38	19	15	..	38	50.00
	August	Do.	67	31	19	..	67	62
	September	Do.	21	7	14	..	21	33.33
	October	Do.	33	24	9	..	33	72.72
	November	Do.	37	28	8	..	37	77.77

A.

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of superintendence.	Months.	District in which Operations chiefly conducted in each month.	Total Number vaccinated.	RESULTS.				Total.	Average Percent- age of Successful vaccinations excluding those Unknown from the Total.
				Successful.	Unsuccess- ful and Doubtful.	Unknown.			
	December	Rajahmundry Municipality.—(Continued.)	32	25	7	..	32	78.12	
	January	Do.	31	27	3	2	31	93.10	
	February	Do.	50	46	3	1	50	93.87	
	March	Do.	65	60	5	..	65	90.76	
	Total		1,554	1,097	357	100	1,554	75.44	
	April	Ellore Municipality.	63	46	15	2	63	75.40	
	May	Do.	34	23	11	..	34	67.64	
	June	Do.	42	35	3	4	42	92.10	
	July	Do.	35	31	3	1	35	91.17	
	August	Do.	33	19	14	..	33	57.57	
	September	Do.	41	33	8	..	41	80.48	
	October	Do.	20	21	7	2	30	75	
	November	Do.	41	28	13	..	41	68.79	
	December	Do.	70	49	21	..	70	70	
	January	Do.	69	58	10	1	69	85.29	
	February	Do.	52	35	14	3	52	71.42	
	March	Do.	61	47	14	..	61	77.04	
	Total		571	425	132	13	571	76.16	
	April	Masulipatam Municipality.	46	43	3	..	46	93.47	
	May	Do.	63	57	6	..	63	90.47	
	June	Do.	52	45	7	..	52	86.53	
	July	Do.	73	67	6	..	73	91.78	
	August	Do.	56	51	5	..	56	91.07	
	September	Do.	78	74	4	..	78	94.87	
	October	Do.	140	133	7	..	140	95	
	November	Do.	133	128	5	..	133	96.24	
	December	Do.	157	148	9	..	157	94.26	
	January	Do.	126	119	7	..	126	92.85	
	February	Do.	107	96	11	..	107	89.72	
	March	Do.	134	126	8	..	134	94.02	
	Total		1,165	1,087	78	..	1,165	93.20	
	April	Guntur Municipality.	28	17	5	6	28	77.27	
	May	Do.	24	14	6	4	24	70	
	June	Do.	78	47	16	15	78	74.50	
	July	Do.	83	69	15	9	83	79.72	
	August	Do.	66	49	15	2	66	76.58	
	September	Do.	78	44	32	2	78	57.89	
	October	Do.	35	30	3	2	35	90.90	
	November	Do.	98	65	6	27	98	91.56	
	December	Do.	321	255	24	45	321	91.39	
	January	Do.	142	78	50	14	142	60.93	
	February	Do.	66	51	13	2	66	79.88	
	March	Do.	315	215	65	35	315	76.78	
	Total		1,337	924	250	163	1,337	78.70	

A.

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of Successful cases, excluding those Unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.			
	April	Nellore Municipality.	..	..	..	..	..	75	96
	May	Do.	75	72	3	..	..	81	92.59
	June	Do.	81	75	6	..	..	71	88.77
	July	Do.	71	63	3	..	..	76	94.73
	August	Do.	76	72	4	..	..	63	98.41
	September	Do.	63	62	1	..	..	75	97.33
	October	Do.	75	73	2	..	..	64	67.18
	November	Do.	64	43	2	..	..	72	97.22
	December	Do.	72	70	2	..	..	..	..
	January	Do.	..	..	..	..	..	..	..
	February	Do.	45	41	4	..	..	45	91.11
	March	Do.	..	..	..	..	..	..	..
	Total ..		622	576	46	..	622	92.60	
	April	Conjeveram Municipality.	66	52	13	1	66	89	
	May	Do.	80	64	11	5	89	86.33	
	June	Do.	62	46	14	2	62	76.33	
	July	Do.	60	45	12	3	60	78.91	
	August	Do.	64	50	10	4	64	83.33	
	September	Do.	46	40	4	2	46	86.95	
	October	Do.	70	60	7	3	70	89.55	
	November	Do.	60	50	6	4	60	91.67	
	December	Do.	66	57	7	2	66	89.39	
	January	Do.	60	53	6	1	60	89.33	
	February	Do.	68	59	8	1	68	88.05	
	March	Do.	56	47	6	3	56	88.67	
	Total ..		758	623	104	31	758	86.59	
	April	Vellore Municipality.	26	26	..	..	26	100	
	May	Do.	34	33	1	..	34	97.05	
	June	Do.	40	38	2	..	40	95	
	July	Do.	34	32	2	..	34	94.11	
	August	Do.	37	37	..	..	37	100	
	September	Do.	31	29	2	..	31	93.54	
	October	Do.	55	53	2	..	55	96.36	
	November	Do.	36	36	..	..	36	100	
	December	Do.	30	30	..	..	30	100	
	January	Do.	28	28	..	..	28	100	
	February	Do.	25	25	..	..	25	100	
	March	Do.	29	28	1	..	29	96.55	
	Total ..		405	395	10	..	405	97.53	
	April	Wallajahpet Municipality.	11	11	..	..	11	100	
	May	Do.	20	20	..	..	20	100	
	June	Do.	12	12	..	..	12	100	
	July	Do.	18	15	3	..	18	83.33	

A.

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	Results.				Total.	Average Percent- age of Successful cases, excluding those Unknown.
				Successful.	Unsuccess- ful and Doubtful.	Unknown.			
	August ..	Wallajahpet Municipality.—(Continued.)	19	18	1	..	19	94.73	
	September ..	Do.	44	43	1	..	44	97.72	
	October ..	Do.	25	23	2	..	25	92	
	November ..	Do.	29	29	..	..	29	100	
	December ..	Do.	35	35	..	..	35	100	
	January ..	Do.	19	17	2	..	19	89.47	
	February ..	Do.	17	14	3	..	17	82.35	
	March ..	Do.	20	20	..	..	20	100	
	Total ..		260	257	12	..	260	95.53	
	April ..	Trichinopoly Municipality ..	149	138	9	2	149	93.37	
	May ..	Do.	188	163	25	..	188	86.70	
	June ..	Do.	218	189	29	2	218	87.63	
	July ..	Do.	148	141	7	..	148	95.27	
	August ..	Do.	265	189	24	1	265	88.23	
	September ..	Do.	273	257	16	..	273	94.13	
	October ..	Do.	297	273	24	..	297	91.91	
	November ..	Do.	182	177	5	..	182	97.25	
	December ..	Do.	272	265	7	..	272	97.42	
	January ..	Do.	246	237	9	..	246	96.34	
	February ..	Do.	249	245	4	..	249	97.99	
	March ..	Do.	292	282	10	..	292	96.57	
	Total ..		2,719	2,544	170	5	2,719	93.73	
	April ..	Strerangum Municipality ..	24	24	..	..	24	100	
	May ..	Do.	6	6	..	..	6	100	
	June ..	Do.	3	3	..	..	3	100	
	July ..	Do.	..	..	..	..	..	..	
	August ..	Do.	30	30	..	..	30	100	
	September ..	Do.	..	..	..	..	..	..	
	October ..	Do.	60	60	..	..	60	100	
	November ..	Do.	18	18	..	..	18	100	
	December ..	Do.	44	44	..	..	44	100	
	January ..	Do.	..	..	..	..	..	..	
	February ..	Do.	..	..	..	..	..	..	
	March ..	Do.	..	..	..	..	..	..	
	Total ..		185	185	..	..	185	100	
	April ..	Tanjore Municipality	103	94	7	2	103	93.06	
	May ..	Do.	106	102	4	..	106	96.22	
	June ..	Do.	100	94	3	3	100	96.90	
	July ..	Do.	102	91	6	6	102	94.79	
	August ..	Do.	107	91	6	10	107	92.91	
	September ..	Do.	122	121	1	..	122	99.18	

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of Successful, excluding those Unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Doubtful.	Unknown.		
	October ..	Tanjore Municipality.	129	136	3	..	129	97.67	
		—(Continued.)							
	November ..	Do.	133	123	2	..	130	98.46	
	December ..	Do.	127	167	..	..	107	100	
	January ..	Do.	100	98	2	..	100	98	
	February ..	Do.	115	111	4	..	114	96.52	
	March ..	Do.	119	114	5	..	119	95.71	
		Total ..	1,340	1,277	42	21	1,340	96.81	
	April ..	Mayaveram Municipality.	65	61	..	4	65	100	
	May ..	Do.	67	61	6	..	67	91.04	
	June ..	Do.	70	61	9	..	70	87.14	
	July ..	Do.	48	42	6	..	48	87.50	
	August ..	Do.	57	55	2	..	57	96.49	
	September ..	Do.	65	52	3	..	55	94.54	
	October ..	Do.	67	67	..	..	67	100	
	November ..	Do.	57	53	3	1	57	96.64	
	December ..	Do.	60	60	..	..	60	100	
	January ..	Do.	63	62	1	..	63	98.41	
	February ..	Do.	57	52	5	..	57	91.22	
	March ..	Do.	59	54	5	..	59	91.52	
		Total ..	725	680	40	6	725	94.43	
	April ..	Negapatam Municipality.	71	64	7	..	71	93.14	
	May ..	Do.	66	56	..	..	66	100	
	June ..	Do.	42	40	3	..	43	93.02	
	July ..	Do.	64	60	4	..	64	93.75	
	August ..	Do.	38	37	1	..	38	97.36	
	September ..	Do.	38	37	1	..	38	97.36	
	October ..	Do.	40	40	..	..	40	100	
	November ..	Do.	38	37	1	..	38	97.36	
	December ..	Do.	39	37	1	..	39	95.13	
	January ..	Do.	24	23	1	..	24	95.83	
	February ..	Do.	10	9	1	..	10	90	
	March ..	Do.	51	76	6	..	81	93.82	
		Total ..	533	508	25	..	533	95.30	
	April ..	Combaconum Municipality.	101	82	8	11	101	91.11	
	May ..	Do.	109	83	13	13	109	86.43	
	June ..	Do.	83	71	7	6	83	91.02	
	July ..	Do.	127	101	11	15	127	90.17	
	August ..	Do.	80	72	3	6	80	96	
	September ..	Do.	98	86	7	6	98	92.47	
	October ..	Do.	160	85	9	6	160	90.42	
	November ..	Do.	103	88	8	7	103	91.65	

No. II.—Statement showing the Monthly Number and Result of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percentage of Successful, excluding those Unknown from the Total.
				Successful.	Unsuccessful and Doubtful.	Unknown.			
	December ..	Combaconum Municipality.—(Continued.)	70	62	6	2	70	91.17	
	January ..	Do. ..	79	68	9	2	79	88.31	
	February ..	Do. ..	76	71	5	..	76	93.42	
	March ..	Do. ..	101	74	15	12	101	83.14	
		Total ..	1,127	943	101	83	1,127	90.32	
	April ..	Mannargudi Municipality.	45	43	1	1	45	97.72	
	May ..	Do. ..	54	52	2	..	54	96.29	
	June ..	Do. ..	50	49	1	..	50	98	
	July ..	Do. ..	44	43	1	..	44	97.72	
	August ..	Do. ..	41	39	2	..	41	95.12	
	September ..	Do. ..	47	46	1	..	47	97.87	
	October ..	Do. ..	45	44	1	..	45	97.77	
	November ..	Do. ..	49	43	1	..	49	97.95	
	December ..	Do. ..	25	25	..	..	25	100	
	January ..	Do. ..	64	53	1	..	64	93.14	
	February ..	Do. ..	49	46	2	1	49	95.83	
	March ..	Do. ..	45	44	1	..	45	97.77	
		Total ..	548	532	14	2	548	97.43	
	April ..	Madura Municipality.	298	258	40	..	298	86.57	
	May ..	Do. ..	300	258	42	..	300	86	
	June ..	Do. ..	313	258	25	30	313	91.16	
	July ..	Do. ..	254	209	31	14	254	87.08	
	August ..	Do. ..	211	184	22	5	211	89.32	
	September ..	Do. ..	259	242	12	5	259	95.27	
	October ..	Do. ..	257	218	25	13	257	89.21	
	November ..	Do. ..	179	130	27	13	179	83.73	
	December ..	Do. ..	189	167	14	8	189	92.26	
	January ..	Do. ..	209	188	14	7	209	93.06	
	February ..	Do. ..	223	192	18	12	223	91.46	
	March ..	Do. ..	238	213	18	7	238	92.20	
		Total ..	2,930	2,527	289	114	2,930	89.73	
	April ..	Dindigul Municipality.	191	170	21	..	191	89	
	May ..	Do. ..	179	153	16	10	179	86.53	
	June ..	Do. ..	96	82	3	11	96	96.47	
	July ..	Do. ..	133	111	7	15	133	94.07	
	August ..	Do. ..	142	110	14	18	142	88.7	
	September ..	Do. ..	151	136	10	8	151	93.15	
	October ..	Do. ..	231	203	16	12	231	92.69	
	November ..	Do. ..	165	132	19	14	165	87.45	
	December ..	Do. ..	86	67	7	12	86	90.54	
	January ..	Do. ..	146	111	10	25	146	91.73	

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5			6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	Successful.	Unsuccessful and doubtful.	Unknown.	Total.	Average Percent- age of Successful excluding those Unknown from the Total.
Dindigul Municipality.—(Continued.)	February	Do.	118	86	10	22	118	89.58
	March	Do.	137	82	5	50	137	94.26
	Total		1,778	1,443	138	197	1,778	91.27
	April	Tinnevely Municipality.	31	27	1	3	31	96.42
	May	Do.	34	27	6	1	34	81.81
	June	Do.	37	29	6	2	37	82.85
	July	Do.	43	44	2	..	46	95.65
	August	Do.	51	45	3	3	61	93.75
	September	Do.	53	46	3	4	53	93.87
	October	Do.	73	61	6	6	73	91.04
	November	Do.	56	47	2	7	68	95.91
	December	Do.	46	36	..	10	46	100
	January	Do.	41	25	16	..	41	60.97
	February	Do.	36	32	4	..	36	88.88
	March	Do.	45	35	10	..	45	77.77
Palamcottah Municipality.	Total		549	454	69	35	549	88.49
	April	Do.	61	53	1	7	61	93.14
	May	Do.	73	48	14	11	73	77.41
	June	Do.	75	61	10	14	75	83.60
	July	Do.	70	60	8	2	70	83.23
	August	Do.	82	71	11	..	82	86.58
	September	Do.	51	43	4	4	51	91.48
	October	Do.	74	63	5	6	74	92.64
	November	Do.	50	41	7	2	50	85.41
	December	Do.	51	43	4	4	51	91.48
	January	Do.	84	63	13	8	84	82.89
	February	Do.	92	63	27	2	92	70
	March	Do.	47	36	11	..	47	76.68
	Total		810	635	115	60	810	84.66
Tuticorin Municipality.	April	Do.	21	20	1	..	21	95.23
	May	Do.	113	88	6	17	113	91.60
	June	Do.	73	59	9	5	73	85.70
	July	Do.	74	60	7	7	74	83.55
	August	Do.	49	35	3	11	49	92.10
	September	Do.	53	49	6	1	53	89.09
	October	Do.	86	67	10	9	83	87.01
	November	Do.	71	52	7	12	71	83.12
	December	Do.	53	40	5	8	53	88.38
	January	Do.	67	46	9	12	67	83.63

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-72.—(Continued.)

1	2	3	4	5			6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	Successful.	Unsuccessful and doubtful.	Unknown.	Total.	Average Percent- age of Successful excluding those Unknown from the Total.
Tuticorin Municipality.—(Continued.)	February	Do.	..	..	..	..	..	..
	March	Do.	81	66	2	13	61	97.66
	Total		744	582	67	95	744	89.67
	April	Cuddapah Municipality.	30	22	4	4	30	84.61
	May	Do.	31	21	10	..	31	67.74
	June	Do.	21	15	6	..	21	71.42
	July	Do.	35	23	12	..	35	65.71
	August	Do.	22	16	6	..	22	71.61
	September	Do.	30	24	5	1	30	82.75
	October	Do.	36	27	9	..	36	75
	November	Do.	41	26	11	2	41	71.79
	December	Do.	46	33	9	4	46	78.57
	January	Do.	24	18	3	3	24	86.71
	February	Do.	22	17	2	3	22	89.47
	March	Do.	23	17	5	1	23	77.27
Kurnool Municipality	Total		361	261	82	18	361	76.09
	April	Do.	25	23	2	..	25	92
	May	Do.	19	18	1	..	19	94.73
	June	Do.	18	17	..	1	18	100
	July	Do.	24	19	5	..	24	79.16
	August	Do.	29	13	7	..	20	65
	September	Do.	33	17	14	2	33	54.83
	October	Do.	31	22	8	1	31	73.32
	November	Do.	35	27	5	3	35	84.37
	December	Do.	29	15	3	11	29	33.33
	January	Do.	16	15	1	..	16	93.75
	February	Do.	..	..	..	..	..	..
	March	Do.	29	24	..	5	29	100
	Total		279	210	46	23	279	82.09
Cumbum Municipality	April	Do.	4	2	..	2	4	100
	May	Do.	2	1	1	..	2	50
	June	Do.	3	3	..	..	3	100
	July	Do.	..	..	..	..	..	100
	August	Do.	7	4	1	2	7	80
	September	Do.	3	1	1	1	3	50
	October	Do.	4	3	1	..	4	75
	November	Do.	..	..	..	..	..	..
	December	Do.	5	4	1	..	5	80
	January	Do.	9	7	1	1	9	87.5
	February	Do.	12	10	2	..	12	90.90
	March	Do.	4	4	..	..	4	100
	Total		63	39	8	6	53	82.97

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5	6	7			
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Numbers vaccinated.	Results.			Total.	Average Percentage of Success, excluding those Unknown from the Total.	
				Successful.	Unsuccessful and doubtful.	Unknown.			
Bellary	April	Bellary Municipality.	93	80	13	..	93	86.02	
	May	Do.	65	61	4	..	65	93.84	
	June	Do.	28	27	1	..	28	96.42	
	July	Do.	66	60	5	1	66	92.30	
	August	Do.	67	48	9	..	67	84.24	
	September	Do.	55	52	3	..	55	94.54	
	October	Do.	68	51	12	3	66	80.95	
	November	Do.	82	68	14	2	82	82.5	
	December	Do.	99	88	11	..	99	88.88	
	January	Do.	83	75	7	..	83	91.56	
	February	Do.	94	90	4	..	94	95.74	
	March	Do.	114	109	5	..	114	95.61	
		Total ..		902	808	88	6	902	90.17
	Anantapoor	April	Anantapoor Municipality.	21	21	..	..	21	100
		May	Do.	22	22	..	..	22	100
		June	Do.	20	20	..	..	20	100
		July	Do.	21	19	2	..	21	90.47
August		Do.	21	18	3	..	21	85.71	
September		Do.	20	20	..	..	20	100	
October		Do.	16	13	3	..	16	81.25	
November		Do.	17	17	..	..	17	100	
December		Do.	16	16	..	..	16	100	
January		Do.	..	..	..	..	..	..	
February		Do.	16	16	..	..	16	100	
March		Do.	18	18	..	..	18	100	
		Total ..		208	200	8	..	208	96.15
Adoni		April	Adoni Municipality.	92	84	5	3	92	91.3
		May	Do.	76	74	2	..	76	97.36
		June	Do.	79	71	6	2	79	92.28
		July	Do.	15	8	7	..	15	53.33
	August	Do.	25	24	1	..	25	96	
	September	Do.	13	6	7	..	13	46.15	
	October	Do.	43	42	1	..	43	97.67	
	November	Do.	65	65	..	..	65	100	
	December	Do.	57	52	5	..	57	91.22	
	January	Do.	..	..	..	..	..	..	
	February	Do.	214	209	4	1	214	98.12	
	March	Do.	182	175	6	1	182	96.68	
		Total ..		854	810	47	7	854	94.51
	Gooty	April	Gooty Municipality.	..	..	..	..	..	..
		May	Do.	..	..	..	..	..	..
		June	Do.	..	..	..	..	..	..
		July	Do.	..	..	..	..	..	..
August		Do.	..	..	..	..	..	..	

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5	6	7		
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Numbers vaccinated.	RESULTS.			Total.	Average Percentage of Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful and doubtful.	Unknown.		
	September ..	Gooty Municipality.	..	..	..	..	..	..
	October ..	Do.	..	..	..	..	..	..
	November ..	Do.	..	..	..	..	..	..
	December ..	Do.	19	19	..	..	19	100
	January ..	Do.	21	21	..	..	21	100
	February ..	Do.	36	32	4	..	36	88.88
	March ..	Do.	..	..	..	..	..	..
		Total ..	76	72	4	..	76	94.72
	April ..	Salem Municipality.	86	84	1	1	86	98.82
	May ..	Do.	96	89	3	4	96	96.73
	June ..	Do.	78	74	4	..	78	94.87
	July ..	Do.	100	89	6	5	100	89.69
	August ..	Do.	102	90	12	..	102	88.22
	September ..	Do.	73	71	1	1	73	98.61
	October ..	Do.	68	67	1	..	68	98.52
	November ..	Do.	73	67	6	..	73	91.78
	December ..	Do.	60	56	3	1	60	94.91
	January ..	Do.	93	87	6	..	93	93.54
	February ..	Do.	108	107	1	..	108	99.07
	March ..	Do.	131	115	16	..	131	87.78
		Total ..	1,068	996	60	12	1,068	94.31
	April ..	Coimbatore Municipality.	95	90	6	..	95	93.75
	May ..	Do.	105	95	10	..	105	90.47
	June ..	Do.	90	81	9	..	90	90
	July ..	Do.	112	90	16	6	112	84.90
	August ..	Do.	116	92	14	10	116	86.79
	September ..	Do.	137	117	20	..	137	85.40
	October ..	Do.	153	135	18	7	153	90.06
	November ..	Do.	419	337	83	19	419	84.23
	December ..	Do.	991	836	80	75	991	91.20
	January ..	Do.	456	392	44	24	456	89.96
	February ..	Do.	505	432	50	23	505	89.62
	March ..	Do.	402	346	40	14	402	89.68
		Total ..	3,591	3,046	367	178	3,591	89.24
	April ..	Ootacamund Municipality.	45	43	2	..	45	95.55
	May ..	Do.	45	44	1	..	45	97.77
	June ..	Do.	92	61	31	..	92	66.30
	July ..	Do.	42	38	4	..	42	90.47
	August ..	Do.	37	27	..	..	37	100
	September ..	Do.	39	39	..	..	39	100
	October ..	Do.	41	41	..	..	41	100
	November ..	Do.	41	41	..	..	41	100

No. II.—Statement showing the Monthly Number and Results of the Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percent- age of Successful cases, excluding those Unknown from the Total.
				Successful.	Unsuccess- ful and Doubtful.	Unknown.			
	December ..	Ootacamund Municipality.—(Continued.)	41	41	..	..	41	100	
	January ..	Do.	52	52	..	..	52	100	
	February ..	Do.	41	41	..	..	41	100	
	March ..	Do.	62	62	..	..	62	100	
	Total ..		578	540	38	..	578	93.42	
	April ..	Coonoor Municipality.	21	18	2	1	21	90	
	May ..	Do.	19	17	2	..	19	89.47	
	June ..	Do.	29	26	3	..	29	89.65	
	July ..	Do.	32	29	2	1	32	93.54	
	August ..	Do.	27	24	1	2	27	96	
	September ..	Do.	58	54	1	3	58	98.18	
	October ..	Do.	61	56	2	3	61	96.55	
	November ..	Do.	61	56	2	3	61	96.55	
	December ..	Do.	41	37	2	2	41	94.87	
	January ..	Do.	43	41	2	..	43	95.34	
	February ..	Do.	..	..	..	..	..	..	
	March ..	Do.	..	..	..	..	..	..	
	Total ..		392	358	19	15	392	94.95	
For the whole year.		Cannanore Municipality.	750	692	11	47	750	98.43	
Do.		Calicut Municipality.	2,882	2,685	93	104	2,882	96.56	
Do.		Cochin Municipality.	1,687	1,190	268	229	1,687	81.61	
Do.		Paulghaut Municipality.	817	752	28	59	817	96.65	
Do.		Tellicherry Municipality.	842	675	56	112	842	92.46	
April ..		Mangalore Municipality.	148	134	12	2	148	91.78	
May ..		Do.	159	139	16	4	159	90.25	
June ..		Do.	125	110	13	2	125	89.43	
July ..		Do.	140	124	9	7	140	93.23	
August ..		Do.	141	124	14	3	141	89.85	
September ..		Do.	153	132	16	5	153	89.18	
October ..		Do.	130	116	11	3	130	91.32	
November ..		Do.	133	123	7	3	133	94.61	
December ..		Do.	148	131	11	6	148	92.25	
January ..		Do.	74	61	11	2	74	84.44	
February ..		Do.	108	94	11	3	108	89.55	
March ..		Do.	125	96	7	22	125	93.20	
	Total ..		1,684	1,384	135	62	1,684	90.93	

No. II.—Statement showing the Monthly Number and Results of Vaccinations performed in each District of Superintendence in the Madras Presidency for the year 1872-73.—(Continued.)

1	2	3	4	5				6	7
District of Superintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	RESULTS.				Total.	Average Percent- age of Successful cases, excluding those Unknown from the Total.
				Successful.	Unsuccess- ful and Doubtful.	Unknown.			
	April ..	Secunderabad Municipality.	..	..	..	..	..	..	..
	May ..	Do.	..	..	..	..	..	..	..
	June ..	Do.	..	..	..	..	..	..	..
	July ..	Do.	..	..	..	..	..	..	..
	August ..	Do.	..	..	..	..	..	..	..
	September ..	Do.	..	..	..	..	..	..	..
	October ..	Do.	..	..	..	..	..	..	..
	November ..	Do.	..	..	..	..	..	..	..
	December ..	Do.	126	115	6	6	126	95.04	
	January ..	Do.	167	160	6	1	167	98.28	
	February ..	Do.	130	121	9	..	130	93.07	
	March ..	Do.	115	110	5	..	115	90.65	
	Total ..		538	506	26	6	538	95.11	
	Grand Total ..		42,459	36,721	3,523	1,915	42,459	90.57	
	General Total ..		337,851	303,057	21,017	13,777	337,851	92.51	

No. III.—Statement showing Expenditure of Vaccine Department in each District of Superintendence in the Madras Presidency during the year 1872-73

		1		2		3		4		5		6	
		Sancioned.		Expended.		Total Number vaccinated.		Percentage of Success, excluding those taken from the Total.		Cost of each Successful Case.			
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.		
A.—PAID BY GOVERNMENT.													
Superintendent-General.	Salary at Rupees 1,050 per mensem	12,600	0 0	12,600	0 0								
	Office Establishment at Rupees 60 per mensem ..	720	0 0	720	0 0								
	Travelling Allowance at Rupees 150 do. ..	1,800	0 0	1,800	0 0								
	House-rent at Rupees 100 per mensem ..	1,200	0 0	1,200	0 0								
	Postage Stamps	240	0 0	150	5 0								
Contingencies													
Total ..		16,560	0 0	16,501	5 0								
Vaccine Depot ..	1 1st-class Vaccinator at Rupees 18 per mensem ..	216	0 0	152	0 0								
	3 Prons at Rupees 7 each per mensem	252	0 0	252	0 0								
	1 Sweeper at Rupees 3-8-0 do. ..	42	0 0	42	0 0								
	Rice issued to mothers of vaccinated children ..	2,400	0 0	605	11 0								
	Tin cases, glass squares, &c., for despatch of lymph ..	50	0 0	8	13 4								
Total ..		2,960	0 0	1,059	14 4	2,884				99 38	0 6 11		
Madras Collectorate ..	Superintendent's salary at Rupees 70 per mensem ..	840	0 0	840	0 0								
	3 1st-class Vaccinators at Rupees 18 each do. ..	548	0 0	532	2 11								
	9 2nd-class do. at Rupees 10 each do. ..	1,080	0 0	1,019	10 0								
	3 2nd-class do. for special duty at Rs. 10 each per mensem ..	360	0 0										

Contingencies		60	0 0	12	6 0								
Batta to mothers of vaccinated children ..		50	0 0	2	4 0								
Postage Stamps		40	0 0	5	5 6								
Ambulatory Deptt. ..				662	4 0								
Total ..		3,068	0 0	3,074	0 5	10,980				98 71	0 4 8		
Chingleput District ..	Superintendent's salary at Rupees 70 per mensem ..	840	0 0	830	0 0								
	4 1st-class Vaccinators at Rupees 18 each do. ..	864	0 0	818	8 0								
	9 2nd-class do. at Rupees 10 each do. ..	1,080	0 0	1,003	5 4								
	Contingencies	20	0 0	5	0 0								
	Batta to mothers of vaccinated children ..	50	0 0	1	4 0								
Postage Stamps		40	0 0	30	0 0								
Total ..		2,894	0 0	2,688	1 4	7,627				95 79	0 5 9		
North Arcot District ..	Superintendent's salary at Rupees 70 per mensem ..	840	0 0	818	0 0								
	4 1st-class Vaccinators at Rupees 18 each do. ..	864	0 0	864	0 0								
	7 2nd-class do. at Rupees 10 each do. ..	840	0 0	702	0 2								
	Contingencies	50	0 0										
	Batta to mothers of vaccinated children ..	50	0 0										
Postage Stamps		40	0 0	32	1 6								
Total ..		2,684	0 0	2,416	1 8	8,398				97 08	0 4 11		
South Arcot District ..	Superintendent's salary at Rupees 70 per mensem ..	840	0 0	835	0 0								
	3 1st-class Vaccinators at Rupees 18 each do. ..	648	0 0	648	0 0								
	8 2nd-class do. at Rupees 10 each do. ..	960	0 0	812	12 11								
	Contingencies			3	0 0								
	Batta to mothers of vaccinated children ..	50	0 0										
Postage Stamps		40	0 0	31	7 0								
Total ..		2,538	0 0	2,330	4 11	14,239				97 04	0 2 9		

No. II.—Statement showing Expenditure of Vaccine Department in each District of Superintendence in the Madras Presidency during the year 1872-73.—(Continued.)

1		2	3		4	5	6			
		Sanctioned.	Expended.		Total Number vaccinated.	Percentage of success, excluding those unknown from the total.	Cost of each successful case.			
		RS.	A. P.	RS.	A. P.		RS. A. P.			
Trichinopoly District.	Superintendent's salary, at Rupees 70 per mensem	..	..	..	..	..	..			
	4 1st-class Vaccinators, at Rupees 18 each do.	..	840	0	0	835	0			
	7 2nd-class do. at Rupees 10 each do.	..	864	0	0	864	0			
	Contingencies	..	840	0	0	722	3			
	Patia to mothers of vaccinated children	..	..	..	..	..	..			
	Postage Stamps	..	40	0	0	21	13			
	Total ..	2,634	0	2,413	0	5	9,979	98 65	0	3 11
Tanjore District	Superintendent's salary at Rupees 70 per mensem	..	840	0	0	835	0			
	4 1st-class Vaccinators, at Rupees 18 each do.	..	864	0	0	847	15			
	7 2nd-class do. at Rupees 10 each do.	..	840	0	0	828	2			
	Contingencies	..	..	..	..	..	..			
	Patia to mothers of vaccinated children	..	50	0	0	1	0			
	Postage Stamps	..	40	0	0	37	5			
	Total ..	2,684	0	2,551	3	8	10,853	97 93	0	4
Madura District	Superintendent's salary, at Rupees 70 per mensem	..	840	0	0	798	0			
	5 1st-class Vaccinators, at Rupees 18 each do.	..	1,080	0	0	1,080	0			
	18 2nd-class do. at Rupees 10 each do.	..	960	0	0	838	5			

Tinnovelly District	Allowance to two Vaccinators to work on the Pulney Hills at Rupees 120										
	5 each per mensem	115	10	6							
	Contingencies	50	0	0	2	0	0				
	Back to medicals of vaccinated children	50	0	0	..	..	..				
	Postage Stamps	25	0	0	24	7	6				
	Total	3,140	0	0	2,859	7	9	17,934	98	23	0
	Superintendent's salary at Rupees 70 per mensem	840	0	0	605	0	0				
	4 1st-class Vaccinators at Rupees 18 each do.	864	0	0	837	3	2				
	7 2nd-class do. at Rupees 10 each do.	840	0	0	660	5	4				
	Contingencies	..	..	..	11	0	0				
Cuddapah District	Allowance to two Vaccinators to work on the Pulney Hills at Rupees 120										
	5 each per mensem	115	10	6							
	Contingencies	50	0	0	2	0	0				
	Back to medicals of vaccinated children	50	0	0	..	..	..				
	Postage Stamps	25	0	0	24	7	6				
	Total	3,140	0	0	2,859	7	9	17,934	98	23	0
	Superintendent's salary at Rupees 70 per mensem	840	0	0	605	0	0				
	4 1st-class Vaccinators at Rupees 18 each do.	864	0	0	837	3	2				
	7 2nd-class do. at Rupees 10 each do.	840	0	0	660	5	4				
	Contingencies	..	..	..	11	0	0				
Karnool District	Allowance to two Vaccinators to work on the Pulney Hills at Rupees 120										
	5 each per mensem	115	10	6							
	Contingencies	50	0	0	2	0	0				
	Back to medicals of vaccinated children	50	0	0	..	..	..				
	Postage Stamps	25	0	0	24	7	6				
	Total	3,140	0	0	2,859	7	9	17,934	98	23	0
	Superintendent's salary at Rupees 70 per mensem	840	0	0	605	0	0				
	4 1st-class Vaccinators at Rupees 18 each do.	864	0	0	837	3	2				
	7 2nd-class do. at Rupees 10 each do.	840	0	0	660	5	4				
	Contingencies	..	..	..	11	0	0				
Bellary District	Allowance to two Vaccinators to work on the Pulney Hills at Rupees 120										
	5 each per mensem	115	10	6							
	Contingencies	50	0	0	2	0	0				
	Back to medicals of vaccinated children	50	0	0	..	..	..				
	Postage Stamps	25	0	0	24	7	6				
	Total	3,140	0	0	2,859	7	9	17,934	98	23	0
	Superintendent's salary at Rupees 70 per mensem	840	0	0	605	0	0				
	4 1st-class Vaccinators at Rupees 18 each do.	864	0	0	837	3	2				
	7 2nd-class do. at Rupees 10 each do.	840	0	0	660	5	4				
	Contingencies	..	..	..	11	0	0				

A.

No. II.—Statement showing Expenditure of Vaccine Department in each District of Superintendence in the Madras Presidency during the year 1872-73.—(Continued.)

1	2	3	4	5	6
Ballary District.—(Contd.)	Sanctioned.	Expended.	Total Number Vaccinated.	Percentage of Success, excluding those known from the Total.	Cost of each successful Case.
	RS. A. P.	RS. A. P.			
Contingencies	50 0 0	4 13 4			
Batta to mothers of vaccinated children	60 0 0	.. .. .			
Postage Stamps	40 0 0	33 15 6			
Total	4,316 0 0	4,017 10 11	13,006	94.30	0 6 5
Superintendent's salary at Rupees 70 per mensem	840 0 0	835 0 0			
6 1st-class Vaccinators at Rupees 18 each do.	1,080 0 0	979 11 9			
7 2nd-class do. at Rupees 10 each do.	840 0 0	637 9 2			
Allowance to one Vaccinator working on the Shevaroy Hills at Rupees 5 per mensem	60 0 0	26 9 8			
Contingencies	50 0 0	15 6 0			
Batta to mothers of vaccinated children	60 0 0	.. .. .			
Postage Stamps	40 0 0	44 11 6			
Total	2,960 0 0	2,539 0 1	10,099	98.60	0 4 1
Superintendent's salary at Rupees 70 per mensem	840 0 0	774 3 0			
6 1st-class Vaccinators at Rupees 18 each do.	1,206 0 0	1,287 10 6			
7 2nd-class do. at Rupees 10 each do.	840 0 0	730 1 1			
Allowance to two Vaccinators working on the Nalgherry Hills at Rupees 5 each, per mensem	120 0 0	120 0 0			
Cotabatore District					

Contingencies	50 0 0	15 0 0			
Batta to mothers of vaccinated children	50 0 0	4 0 0			
Postage Stamps	40 0 0	70 15 6			
Total	3,236 0 0	3,091 14 1	23,319	94.93	0 11 1
Superintendent's salary at Rupees 70 per mensem	840 0 0	840 0 0			
4 1st-class Vaccinators at Rupees 18 each do.	864 0 0	864 0 0			
7 2nd-class do. at Rupees 10 each do.	810 0 0	741 2 1			
Contingencies	50 0 0	2 4 0			
Batta to mothers of vaccinated children	100 0 0	.. .. .			
Postage Stamps	40 0 0	42 14 6			
Total	2,734 0 0	2,490 10 7	11,695	97.69	0 31 0
Superintendent's salary at Rupees 70 per mensem	840 0 0	837 6 6			
5 1st-class Vaccinators at Rupees 18 each do.	1,080 0 0	1,072 3 3			
7 2nd-class do. at Rupees 10 each do.	840 0 0	775 6 4			
Allowance to a Vaccinator working on the Amendivi Islands at Rupees 5 per mensem	60 0 0	60 0 0			
Contingencies	50 0 0	9 4 0			
Batta to mothers of vaccinated children	50 0 0	17 7 3			
Postage Stamps	40 0 0	21 6 6			
Total	2,910 0 0	2,734 8 6	12,140	96.62	0 4 1
Superintendent's salary at Rupees 70 per mensem	840 0 0	791 0 0			
4 1st-class Vaccinators at Rupees 18 each do.	864 0 0	865 15 8			
7 2nd-class do. at Rupees 10 each do.	840 0 0	509 0 0			
Contingencies	50 0 0	0 0 0			
Batta to mothers of vaccinated children	40 0 0	33 13 0			
Postage Stamps .. .. .	.. .. .	.. .. .			
Total	2,634 0 0	2,626 2 3	11,591	98.12	0 2 7
Superintendent's salary at Rupees 70 per mensem	840 0 0	834 0 0			
4 1st-class Vaccinators at Rupees 18 each do.	864 0 0	863 0 0			
7 2nd-class do. at Rupees 10 each do.	840 0 0	771 4 1			
Kistna District					

A.

No. III.—Statement showing Expenditure of Vaccine Department in each District of Superintendence in the Madras Presidency during the year 1872-73.

		1		2		3		4		5		6	
				Sanctioned.		Expended.		Total Number vaccinated.		Percentage of Success, excluding those from the Total.		Cost of each Successful Case.	
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.				
Kistna District. — (Ctd.)	Batta to mothers of vaccinated children...	100	0 0	..	..	..	..	..	..	..	..	..	..
	Postage Stamps ..	40	0 0	20	10 6	..	..	..	..	..	..	..	..
	Total ..	2,734	0 0	2,564	14 7	6,942	90.47	0	5 9				
	Superintendent's salary at Rupees 70 per mensem	840	0 0	830	0 0	..	..	..	..				
Godavary District	4 1st-class Vaccinators at Rupees 18 each do.	864	0 0	800	0 7	..	..	..	..				
	7 2nd-class do. at Rupees 10 each do.	810	0 0	525	11 5	..	..	..	..				
	Contingencies ..	50	0 0	1	7 6	..	..	..	..				
	Batta to mothers of vaccinated children..	60	0 0	27	0 0	..	..	..	..				
Viragapalam District	Postage Stamps ..	40	0 0	40	0 0	..	..	..	..				
	2 Supernumerary Vaccinators for 3 months ..	..	..	60	0 0	..	..	..	..				
	Total ..	2,654	0 0	2,585	5 6	8,800	87.55	0	5 7				
	Superintendent's salary at Rupees 70 per mensem	840	0 0	840	0 0	..	..	..	..				
Viragapalam District	4 1st-class Vaccinators at Rupees 18 each do.	864	0 0	832	7 2	..	..	..	..				
	7 2nd-class do. at Rupees 10 each do.	840	0 0	783	7 11	..	..	..	..				
	Contingencies ..	..	..	8	11 0	..	..	..	..				
	Batta to mothers of vaccinated children..	25	0 0	4	15 6	..	..	..	..				
Total ..	Postage Stamps ..	40	0 0	95	0 0	..	..	..	..				
	Total ..	2,609	0 0	2,564	9 7	4,791	94.57	0	9 1				

Jeyipore Hill Tracts Vi- zagapalam District.	Superintendent's salary at Rupees 70 per mensem	840	0 0	872	5 0	..	..	..
	6 1st-class Vaccinators at Rupees 18 each do.	1,296	0 0	917	1 11	..	..	..
	Contingencies ..	..	..	..	..	..	..	..
	Batta to mothers of vaccinated children..	25	0 0	1,295	8 0	..	..	..
Ganjam District	Travelling allowance ..	1,020	0 0	2	2 0	..	..	..
	Postage Stamps ..	40	0 0	20	0 0	..	..	..
	1 2nd-class Vaccinator ..	..	..	..	..	..	..	..
	Total ..	3,821	0 0	3,207	0 11	714	91.89	5 2 3
Ganjam District	Superintendent's salary at Rupees 70 per mensem	840	0 0	840	0 0	..	..	..
	4 1st-class Vaccinators at Rupees 18 each do.	864	0 0	744	5 11	..	..	..
	7 2nd-class do. at Rupees 10 each do.	840	0 0	746	8 3	..	..	..
	Contingencies ..	..	..	..	..	..	..	..
Hill Tracts of Ganjam.	Batta to mothers of vaccinated children..	25	0 0	25	0 0	..	..	..
	Postage Stamps ..	40	0 0	..	..	..	..	..
	1 Supernumerary Vaccinator ..	..	..	..	..	..	..	..
	Total ..	2,609	0 0	2,350	4 2	908	79.30	3 10 2
Hill Tracts of Ganjam.	Superintendent's salary at Rupees 70 per mensem	840	0 0	838	0 0	..	..	..
	6 1st-class Vaccinators at Rupees 18 each do.	1,296	0 0	1,307	4 4	..	..	..
	Contingencies ..	..	..	..	..	..	..	..
	Batta to mothers of vaccinated children..	50	0 0	538	4 0	..	..	..
Total ..	Travelling allowance ..	1,620	0 0	13	8 0	..	..	..
	Postage Stamps ..	40	0 0	120	0 0	..	..	..
	1 Supernumerary Vaccinator ..	..	..	..	..	..	..	..
	Total ..	3,846	0 0	2,817	0 4	1,508	98.03	1 9 3
Grand Total ..	Total ..	84,257	0 0	76,226	10 8	215,004	96.24	0 5 2
	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..
Bangalore	1 1st-class Vaccinator at Rupees 18 per mensem	216	0 0	216	0 0	..	..	..
	1 2nd-class do. at Rupees 10 do.	120	0 0	120	0 0	..	..	..
	Batta to mothers of vaccinated children..	..	..	4	14 0	..	..	..
	Contingencies ..	..	..	..	..	..	..	..
Total ..	Total ..	336	0 0	345	2 0	854	98.23	0 6 10

MILITARY CANTONMENTS.

No. III—Statement showing Expenditure of Vaccine Department in each District of Superintendence in the Madras Presidency during the year 1872-73.

		1	2	3	4	5	6	Cost of each Successful Case
			Sanctioned.	Expended.	Total Number Vaccinated.	Percentage of Success, excluding those Unknown from the Total.		
		Rs.	A. P.	Rs.	A. P.			US.
Secunderabad ..	1 1st-class Vaccinator at Rupees 18 per mensem ..	216	0 0	216	0 0			
	1 2nd-class do. at Rupees 10 per do. ..	120	0 0	120	0 0			
	Total ..	336	0 0	335	0 0	1,850	94.50	0 3 3
Kamptee ..	1 2nd-class Vaccinator at Rupees 10 per mensem ..	120	0 0	120	0 0			
	Total ..	120	0 0	120	0 0	1,126	83.14	0 1 10
	Grand Total ..	792	0 0	801	2 0	3,540	94.92	0 3 5
TEMPORARY VACCINATORS.								
Tinnevely District ..	15 2nd-class Vaccinators on Rupees 10 each per mensem for 3 months.	450	0 0	450	0 0	1,614	81.41	0 5 8
	2 2nd-class do. on Rupees 10 each do. for 3 months ..	30	0 0	50	0 0	741	55.19	0 1 10
	and 1 for 2 months.							
Cumbalstora District ..	3 2nd-class Vaccinators on Rupees 10 each per mensem for 1 month.	30	0 0	27	11 10	123	92.92	0 4 0
	5 2nd-class do. from 18th June to 9th October 1873 at Rs. 10 each per mensem.	250	0 0	202	4 8	1,150	86.47	0 3 5
Malabar District ..								
Malavary District ..								
	Total ..	810	0 0	750	0 0	3,823	87.63	0 4 0

TEMPORARY ESTABLISHMENT OF RAMAD AND SHEVAJONGA MEDICARIES.									
Madura District	{	1 Superintendent on Rupees 70 per mensem	840	0	0	383	6	8	
		12 2nd-class Vaccinators on Rupees 10 each per mensem	1,430	0	0	381	10	8	
		Postage Stamps	30	0	0	25	5	6	
		Total ..	2,300	0	0	1,293	6	10	97.29 0 2 4
		PRIVATE VACCINATORS.							
		9 Vaccinators in different districts	..	..	..	..	..	..	96.57
		PEACE VACCINATORS.							
Sub-Collectorate of Salem.		3 2nd-class Vaccinators in Salem at Rupees 10 each per mensem	260	0	0	360	3	1	83.22 0 1 1
		B.—PAID BY NATIVE CHIEFS OR LANDLORDS.							
Ganjam ..	{	1 Head Vaccinator at Rupees 12 per mensem	144	0	0	144	0	0	
		25 Deputy Vaccinators at Rupees 10 each per mensem	3,120	0	0	1,750	6	10	
		Total ..	3,264	0	0	1,894	5	10	93.20 0 6 5
Vizagapatam	{	16 Vaccinators at Rupees 10 each per mensem	1,920	0	0	2,853	13	8	
		13 Vaccinators at Rupees 7 each do.	1,692	0	0				
		Total ..	3,612	0	0	2,853	13	8	94.27 0 4 1
Godavary	{	2 Vaccinators on 10 Rupees each up to 31st August 1872 and 13 Rs. each up to 31st March 1873.	232	0	0	282	0	0	
		Contingencies	45	2	6	45	2	6	
		Total ..	277	2	6	327	2	6	84.70 0 3 1
Kistna ..	{	2 Vaccinators in Nuzvid on Rupees 10 each per mensem	240	0	0	240	0	0	86.72 0 4 3
		1 Vaccinator in Venkatagerry on Rupees 10 per mensem	120	0	0	120	0	0	93.60 0 3 4

A.

No. III.—Statement showing Expenditure of Vaccine Department in each District of Superintendence in the Madras Presidency during the year 1872-73.—(Continued.)

	1	2			3	4	5	6
		Sanctioned.			Expended.	Total Number vaccinated.	Percentage of Success, excluding those from the Total.	Cost of each Successful Case.
		Rs.	A. P.	P.				
North Arcot ..	1 Vaccinator in Ranganapalem at Rupees 10 per mensem ..	120	0	0	110	252	100	Rs. 4 7 0
Do. ..	Do. in Carvettinger at Rupees 10 do. ..	120	0	0	110	621	100	0 3 6
Do. ..	Do. in Poonganoor at Rupees 10 do. ..	120	0	0	99	434	99.30	0 3 4
Madura ..	3 Vaccinators in Ramnad at Rupees 10 each do. ..	360	0	0	280	7,089	99.53	0 10 0
Do. ..	Do. in Shevaganur at Rupees 10 each do. ..	360	0	0	286	3,064	97.83	0 1 3
	Total ..	1,440	0	0	1,268	12,893	97.92	0 1 8
	Grand Total ..	8,043	2	6	6,391	31,555	95.09	0 3 6
Madras Railway ..	..	..	..	..	..	12	83.33	..
MEDICAL SUBORDINATES.								
Presidency and Northern Districts	..	..	..	..	..	..	..	..
Southern Division ..	..	..	..	..	..	7,819	70.60	..
Mysore and Ceded Districts ..	..	..	..	..	..	8,792	73.60	..
Hyderabad Subsidary Force ..	..	..	..	..	..	3,005	65.56	..
Nagpore Force ..	..	..	..	..	..	1,761	87.95	..
Pegu Division * ..	..	..	..	..	..	1,118	67.58	..
	Total ..	..	..	..	..	271	43.13	..
	Total ..	..	..	..	..	22,761	71.98	..

PAID BY MUNICIPALITIES.									
Ganjam District ..	1 Vaccinator at Berhampore at Rupees 10 per mensem ..	120	0	0	120	0	0	189	96.46
Do. ..	Do. at Chicavado at Rupees 12 do. ..	144	0	0	144	0	0	118	65.25
Do. ..	Do. at Bimalpattam at Rupees 10 do. ..	120	0	0	120	0	0	510	94.03
Vizagapatam District ..	1 Do. at Palamondah at Rupees 10 do. ..	120	0	0	120	0	0	510	92.94
Do. ..	2 Vaccinators at Vizagapatam at 10 and 12 Rupees per mensem ..	264	0	0	264	0	0	1,250	92.43
Do. ..	1 Do. at Vizagapatam at Rupees 10 per mensem ..	120	0	0	120	0	0	506	93.46
Do. ..	1 Do. at Cocanada on 10 up to 13th November 1872 and 12 Rupees up to 31st March 1873 with 1 Temporary Vaccinator for 3 months ..	159	3	2	159	3	2	1,235	86.28
Godavery ..	1 Vaccinator at Rajahmundry at Rupees 10 per mensem with 2 Temporary Vaccinators for 3 months ..	185	5	0	174	6	9	1,554	75.44
Do. ..	1 Vaccinator at Ellore on Rupees 10 per mensem with contingencies ..	120	0	0	422	2	0	571	76.16
Kistna District ..	1 Do. at Masulipatam at Rupees 10 per mensem ..	120	0	0	120	0	0	1,163	93.20
Do. ..	1 Do. at Guntur at Rupees 10 do. ..	120	0	0	114	4	7	1,337	78.70
Nellore District ..	1 Do. at Nellore at Rupees 12 do. ..	144	0	0	144	0	0	622	92.60
Chingteput District ..	1 Do. at Conjevaram at Rupees 12 do. ..	144	0	0	144	0	0	758	85.69
Do. ..	1 Do. at Villore at Rupees 10 do. ..	120	0	0	120	0	0	405	97.63
North Arcot District ..	1 Do. at Wallajahpett at Rupees 10 do. ..	120	0	0	120	0	0	289	95.53
Do. ..	2 Vaccinators at Trichinopoly at Result System ..	..	..	..	..	..	..	2,719	93.73
Trichinopoly District ..	1 Do. at Trichinopoly at Result System ..	23	2	0	23	2	0	185	100
Do. ..	2 Vaccinators at Tanjore at Rupees 15 and 10 each per mensem with contingencies ..	328	0	0	330	8	0	1,340	96.81
Tanjore District ..	1 Vaccinator at Mayavaram at Result System ..	180	0	0	171	4	0	725	94.44
Do. ..	1 Vaccinator at Negapatam at Result System at 4 annas per each successful case ..	135	4	0	135	4	0	532	95.30
Madura District ..	1 Vaccinator at Combacoorn at Rupees 12 per mensem ..	144	0	0	144	0	0	1,127	90.32
Do. ..	Do. at Manargudi at Rupees 10 do. ..	120	0	0	120	0	0	648	97.43
Do. ..	3 Vaccinators at Madura 1 on 10 and 2 on 5 Rupees each per mensem ..	240	0	0	240	0	0	2,939	89.73
Tinnevely District ..	1 Vaccinator at Dindigul at Rupees 7 per mensem ..	84	0	0	84	0	0	1,778	91.27
Do. ..	Do. at Tinnevely at do. 10 do. ..	120	0	0	120	0	0	549	88.49
Do. ..	Do. at Palacottah at do. 10 do. ..	120	0	0	120	0	0	810	81.66
Cuddapah District ..	1 Do. at Tuticorin at do. 15 do. ..	180	0	0	180	0	0	744	89.67
Do. ..	Do. at Cuddapah at do. 10 do. ..	120	0	0	120	0	0	361	76.09
Kurnool District ..	1 Do. at Kurnool at do. 10 do. ..	120	0	0	120	0	0	279	82.03
Do. ..	Do. at Cumbum at do. 10 do. ..	120	0	0	120	0	0	53	82.97

47

A.

No. III.—Statement showing Expenditure of Vaccine Department in each District of Superintendence in the Madras Presidency during the year 1872-73.—(Continued.)

1		2		3	4	5	6
		Sanctioned.		Expended.	Total Number Vaccinated.	Percentage of Successes including those Unknown from the Total.	Cost of each Successful Case.
Bellary District	2 Vaccinators at Bellary	Rs. 240	A. P. 0 0	Rs. 240	302	90.17	Rs. 0 4 9
	1 Vaccinator at Anaspore	120	0 0	120	208	96.15	0 9 7
Salem District	1 Do. at Ghooty	120	0 0	30	78	94.72	0 6 8
	1 Do. at Adoni	120	0 0	120	864	94.51	0 2 4
Coimbatore District	2 Vaccinators at Salem	360	0 0	360	1,063	94.31	0 5 9
	1 Vaccinator at Coimbatore	150	0 0	150	3,591	95.24	0 0 9
Malabar District	1 Do. at Ootacamund	180	0 0	180	578	93.42	0 8 1
	1 Do. at Coonoor	120	0 0	120	292	94.95	0 2 9
South Canara	1 Do. at Cannanore	120	0 0	120	750	98.43	0 3 4
	1 Do. at Calicut	120	0 0	1,417	2,882	81.61	0 1 7
Secunderabad	1 Vaccinator at Secunderabad	120	0 0	120	1,687	81.61	0 1 7
	1 Do. at Palahaut	120	0 0	120	817	96.65	0 2 7
Grand Total	1 Do. at Tellicherry	120	0 0	120	842	92.46	0 2 1
	3 Vaccinators at Bangalore	360	0 0	240	1,584	90.93	0 2 9
Total	2 Do. at Secunderabad	250	0 0	80	588	95.11	0 2 6
	Total	6,654	14 2	7,581	42,469	90.57	0 3 4
Grand Total		165,237	0 8	93,361	1,337,831	92.51	0 4 11

98

A.

No. IV.—Statement showing Results of the year 1872-73 as compared with those of each of the previous five years in the Madras Presidency.

1	2	3	4	5			6	7	8	9									
Years.	Total Number of Persons Vaccinated.	Number of Successful.	Ratio per cent. Successful, excluding those Unknown from the Total.	NUMBER OF VACCINATORS.			Cost of whole Establishment.	Cost of Travel-ling Allowance and Contin-gencies.	Total Cost.	Cost of each Successful Case.									
				A.	B.	C.					D.								
Paid by state.				Paid from other sources.			Total.	Number previously em-ployed as Inoculators or Native Practitioners.											
RS.	A.	P.	RS.	A.	P.	RS.			A.	P.									
1867 ..	270,749	242,679	87.63	144	..	144	..	72,355	14	1	239	10	5	72,595	8	6	0	4	9
1868 ..	264,896	236,817	89.46	211	..	211	..	68,827	6	6	2,147	7	9	70,974	14	3	0	4	9
1869 ..	255,685	230,207	90.055	225	..	225	..	71,245	6	6	1,878	14	0	73,124	4	6	0	5	0
1870-71 ..	257,581	232,935	90.43	254	112	366	..	79,329	3	0	6,847	12	0	85,976	13	0	0	5	10
1871-72 ..	279,893	249,698	89.21	264	118	382	..	86,829	14	7	849	0	11	87,678	15	6	0	5	7
1872-73 ..	337,851	303,057	90.51	277	126	403	..	89,078	8	2	4,982	9	1	93,361	1	3	0	4	11

89

PUBLIC DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read letter from the Surgeon-General, Indian Medical Department :—

(Here enter 5th November 1873, No. 419.)

ORDER THEREON, 9th May 1874, No. 519.

The Surgeon-General, Indian Medical Department, forwards the report of the Superintendent-General of Vaccination for the year 1872-73.

2. This year was marked by a very general prevalence of small-pox throughout the Presidency, and it is satisfactory to find that considerable exertions were made to meet the advance of the epidemic. The total

* 1869	255,695	number vaccinated by the different agencies has
1870-71	273,520	steadily increased during the last four* years,
1871-72	280,477	though the amount of work done by the fixed
1872-73	328,502	Vaccination Establishment has fluctuated; but, in

the year under review, the department was unusually active, and it is mainly to its exertions that the total of operations shows the large increase of 58,125.

It is interesting to note that the number of private practitioners increased from six to nine, and performed upwards of two thousand operations more than in 1871-72.

3. Among the operations performed by the fixed establishment the percentage of success was, on the whole, higher than in the previous year, being in primary vaccination 96.28 and in secondary 80.1, against 91.41 and 64.54. The percentage of success is a very variable quantity, differing, not only with each district, but in the same district in a manner that seems quite inexplicable. Apart from the district of Madras, the best results (98.65) in primary vaccination were shown in that of Trichinopoly and the worst (79.26), as was the case in the previous year, in Ganjam.

It is, however, remarkable that the extensive failures in the last-mentioned district were confined to the operators working below the Hills and to the Government Vaccinators.

The men employed in Hill tracts obtained the very high percentage of 98.08, though the number of operations was double those performed in the plains, and the private Vaccinators, of whom no fewer than four are established in Ganjam, had an average of 95.72.

These results demand the close attention of the Superintendent-General. The Government are glad to notice that two Ooriyas have been employed as Vaccinators in the Hill tracts.

4. The operators in the Municipalities were not so successful as the District Vaccinators, nor did they, on an average, do as much work. This is a matter requiring the earnest consideration of the different Municipal bodies, who should find little difficulty in obtaining or training able and active men for a work which in the large towns is unattended by any of the privations incidental to the post of Taluk Vaccinator.

The Government notice that no detailed information is given as to the number of the female Vaccinators nor as to the character of their work, and desire that this deficiency may be supplied in future reports.

5. The very general increase among the number of infants submitted for vaccination is a most hopeful sign, and the Government have read with interest the Superintendent-General's account of the success that attended in Madras and elsewhere the experimental payment of batta to those willing to be operated upon. In the matter of the caste of the vaccinated there appears little change. The proportion of Mussulmans*

has somewhat increased, and is relatively higher than that† of the Hindus, who form 92.3 per cent. of the whole population of the Presidency, while the Mahomedans are only 5.9 per cent. The male subjects were 57.02 per cent. of the whole.

6. The total expenditure of the Vaccine Department continues to increase, and amounted in 1872-73 to Rupees

	RS.	A.	P.
1869	0	5	0
1870-71	9	5	10
1871-72	0	5	7
1872-73	0	4	11

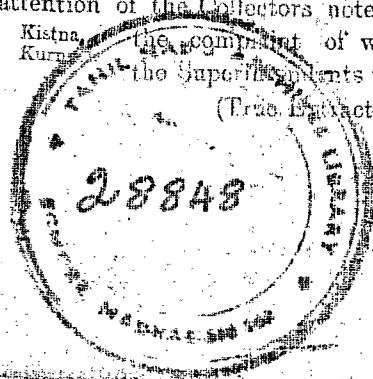
93,361; but the cost† of each successful case was lower than it had been for three years. The number of Vaccinators employed was 403, of whom 277 were paid by the State.

7. The Government notice with regret that the desertions and resignations, on the number of which they had occasion to remark in reviewing the report for 1871-72, were yet still more numerous in 1872-73. They cannot but regard it as an extraordinary circumstance that no fewer than thirty-four men neglected to take up appointments in a department to which, it is presumed, they were attached with their own concurrence, if not at their own request; and they desire that the Surgeon-General will submit the report promised in paragraph 4 of his letter with as little delay as possible.

8. The attention of the Collectors noted in the margin is called to the complaint of want of assistance made by the Superintendent-General working in their districts:

(From Extract)

D. F. CARMICHAEL,
Acting Chief Secretary.



1663 2074
H 74