

Selections from the Records of the Madras
Government

NO. LXIV

REPORT ON VACCINATION
THROUGHOUT

THE PRESIDENCY AND PROVIN



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OFFICE OF SANITARY COMMISSIONER,
MADRAS, 24th August 1877.

No. 1,221.

From

SURGEON-MAJOR W. R. CORNISH, F.R.C.S.,
Sanitary Commissioner for Madras,

To

THE HON. D. F. CARMICHAEL,
*Chief Secretary to Government,
Public Department.*

SIR,

I HAVE the honor to submit herewith, for the consideration of His Grace in Council, the Annual Report of the Inspector of Vaccination for the official year 1876-77.

2. During the year there was a considerable increase in the total number of operations. This was due in some degree to increased activity of the vaccinating staff to meet the ravages of small-pox in the people assembled on famine-relief works or in famine-camps. The following table shows the gross total of vaccination operations for each of the past five years:—

Years.	No. of Operations.
1871-72	279,893
1872-73	337,851
1873-74	366,770
1874-75	426,133
1875-76	381,412
1876-77	483,192

3. The registered births in the corresponding months were 616,191, and the total vaccination operations 459,551. There were only 54,722 operations performed on children under one year of age, but these are stated to exceed the operations of the past year by 4,710.

The following table shows the number of vaccination operations in each district compared with the results of the former year:—

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Districts.	1875-76.	1876-77.
Vaccine Depôt	614	1,694
Madras	48,749	49,801
Ganjam	12,085	12,864
Vizagapatam	21,325	32,163
Godavery	13,565	12,699
Kistna	9,003	10,656
Nellore	28,270	28,130
Chingleput	11,935	11,840
South Arcot	19,941	22,022
Trichinopoly	17,607	21,654
Tanjore	20,742	23,123
Madura	36,126	46,130
Tinnevely	16,891	17,191
Kurnool	2,354	3,760
Cuddapah	5,493	6,708
Bellary	15,641	18,358
North Arcot	15,604	20,888
Salem	11,355	21,149
Coimbatore	38,517	33,032
Neilgherries	69	2,461
South Canara	11,757	53,119
Malabar	10,411	10,271
Total ...	363,054	459,713

4. The increase has been general in nearly every district, but the largest increase was in South Canara, where small-pox broke out most virulently and extra hands were temporarily employed. In Madras also there has been a large amount of work done owing to the appearance of small-pox amongst the crowds of emigrants from the interior.

5. The unhealthiness of the season has in some measure interfered with vaccination. Cholera was prevalent for many months, and in some districts vaccinators were taken away from their regular work to attend on cholera patients. In the later months of the year famine brought many of the growing children into such a low state of health that vaccination could not be well performed. At the same time vast numbers of persons were congregated on relief-works and in camps and with so many people gathered together the main difficulties of vaccinators in hunting up their subjects were removed. In my opinion much more work might have been done on the famine-relief works and camps than has been accomplished, and I cannot accept the prevalence of famine as an excuse for the laziness of the operators, who, in many cases when the people were brought together, would not take the trouble to look out subjects suitable for vaccination.

6. Small-pox of a most virulent kind has been widely prevalent in the famine districts, and indeed in many others. By means of very vigorous and systematic vaccination the disease was kept down in the famine-camp near the Monegar Choultry and other camps near Madras. I have seen many thousands of cases in which vaccination had evidently protected the individual from small-pox, and in the camps I do not remember to have seen any person who got small-pox after vaccination, though I believe there have been a few cases of that kind. In Madras a special Small-pox Hospital was established on the western

outskirts of the town, and the mortality amongst the emigrant population in the early months of 1877 was exceedingly high. For months together every native house had cases of small-pox amongst the residents. The people exposed themselves in crowded localities in every stage of the disease, and in relief-kitchens I have seen thousands of people closely packed together awaiting their food, and amongst the mass, cases of small-pox in every stage of the disorder.

7. The quality of the lymph in use is excellent, and I have seen many specimens in various districts. A complaint was made to me by a Collector that the lymph was inert, and that a family of children vaccinated in his district had subsequently died of confluent small-pox. On inquiry it turned out that the family in question had never been vaccinated at all, the father having a notion that his children would be rendered liable to other diseases if he had allowed them to be vaccinated. The mother of the children, who had been vaccinated in early youth, took small-pox also, but she recovered.

8. During the past year the Vaccine Department has been in a state of transition, but the rules sanctioned in G.O., No. 1,591 of 2nd September 1876, are now being introduced gradually. The Vaccination Code or "Manual" being out of date, has been revised to incorporate the new rules, and is now being printed.

9. The Inspector of Vaccination has not formed a favorable opinion of the practice of paying vaccinators by results. The new rules, while giving a monthly salary, enable any industrious vaccinator to increase his income by doing extra work. The results system has not been unsuccessful in Coimbatore and Vizagapatam, and all that is wanted in the extension of this principle is good and effective supervision.

10. The Inspector of Vaccination notices the active help afforded by Mr. Wedderburn, of Coimbatore, and every officer in his district. Here the village officials are of the utmost assistance to the vaccinators, and it cannot be too often repeated that it is in this direction, in the zeal and earnestness of local officials, that we must look for the greatest measure of success in vaccination.

11. This is probably the last report Surgeon-Major Shortt will submit on the subject of vaccination. For the past thirteen years he has labored zealously and earnestly to extend the benefits of vaccination to the people of India. He has introduced a simple and effective instrument for the performance of the operation, and has taught a large number of persons the principles and practice of vaccination, and published useful tracts on the subject in the vernaculars.

As Dr. Shortt will soon be retiring under the superannuation clause of Medical Warrant of 1864, I take the present opportunity of bringing his long and useful labors to the special notice of Government.

I have the honor to be,

Sir,

Your most obedient servant,

W. R. CORNISH, F.R.C.S.,
Sanitary Commissioner for Madras.

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TWELFTH ANNUAL REPORT ON VACCINATION

IN THE

MADRAS PRESIDENCY

FOR THE YEAR 1876-77.

I HAVE the honor to submit the Annual Report of Vaccination in the Madras Presidency for the year 1876-77, and in doing so to state that, during the year under review, 1 Superintendent and 7 Assistant Superintendents were added to the establishment, 1 to each of the following districts: Kistna, Salem, Coimbatore, Bellary, Vizagapatam, Ganjam, and 2 to Tinnevely. In the first six districts the addition was caused by the appointment of a Superintendent to each of the circles in them. In the Tinnevely District the Superintendent's appointments were abolished for about 1½ years and reinstated on the 1st January 1877.

There have been 5 casualties among the staff of Superintendents. Goolam Raza, a Superintendent of Vaccination, left the department for that of the Post Office with a view of bettering himself, after serving for six years in this department satisfactorily. The Superintendent of Trichinopoly was constantly in trouble with his Vaccinators, and charges were brought against him of bribery and corruption; although on magisterial investigation these charges broke down, there was every reason to believe that he had been tampering with his Vaccinators, and at the request of the President of the Local Fund Board he was removed from the district and degraded to the post of a First-class Vaccinator.

The Superintendent of Vaccination, Bellary Circle, on a representation from the Local Fund Board, was degraded to the post of an Assistant Superintendent for irregularities in connection with his work, but he had to be dismissed eventually for not joining his post at Tinnevely, to which district he was removed as an Assistant Superintendent.

The Superintendents of Vaccination of Jeypore and South Canara were degraded to the post of Assistants for gross carelessness and neglect of orders in connection with their duties.

The establishment during the year consisted of 405 Vaccinators, and among them there were 12 casualties and 15 fresh appointments. The whole of the Vaccinators employed by the Local Fund Boards have been amalgamated into one body and general numbers assigned

them. Eight Vaccinators were convicted of falsifying returns. Two of these were prosecuted in the Ganjam District and convicted and punished with fine and imprisonment. In South Arcot one of the results-system Vaccinators was convicted and punished. A temporary Vaccinator in the Kistna District was sentenced to three months' simple imprisonment for rendering false accounts, and in each of the Dindigul and Cuddapah Districts a First-class Vaccinator was convicted and punished, and another is under trial at Vizagapatam, and one in the Pennacondah Circle of the Bellary District, against whom charges have been preferred. I greatly fear in some districts much peculation has been carried on by the system of payment by results owing to the inadequacy of supervision.

The casualties among the Vaccinators comprise 24 transfers, 15 resignations, 22 dismissals, 4 desertions, and 9 deaths. Of the transfers, there were 5 in Madras, 7 in Vizagapatam, and 2 in each of the following districts: Tanjore, Tinnevely, Cuddapah, Ganjam and Nellore, and 1 in Bellary and Kurnool. Of the resignations, 3 occurred in Cuddapah, 2 in each of the districts of Madura, Salem and Vizagapatam, and 1 in Madras, Chingleput, Coimbatore, Malabar, South Canara and Kistna. Of the dismissals, 4 in Ganjam, 3 in the districts of Salem and Vizagapatam, 2 in Trichinopoly, North Arcot and Kistna, and 1 in Madras, South Arcot, Madura, Cuddapah, South Canara and Bellary. Of the desertions, 1 in each of the districts of Tanjore, Cuddapah, Kurnool and Coimbatore. Of the deaths, 2 were in Ganjam and Cuddapah, and one in Tanjore, Kurnool, Nellore, Kistna and Vizagapatam.

At present the establishment consists of 27 Superintendents, 10 Assistant Superintendents, 123 First-class and 282 Second-class Vaccinators who are entered on this Office Register.

There are 14 female Vaccinators among the number; these women work well and give satisfaction. In some districts there seems to be a prejudice against them. They might be usefully employed as Municipal Vaccinators, as they are unequal to the constant travel required in visiting and going about the villages on their beat when appointed to districts. Of the 14 female Vaccinators, 3 are employed at Madras, 3 at Tanjore, one in each of the following districts and cantonments: Salem, Malabar, Nellore, Masulipatam, Vizagapatam, Ganjam, Bangalore and Secundrabad. One female Vaccinator was transferred from Madras to the Municipality of Wallajahpet, and another entertained in her stead. Among the temporary Vaccinators there are 4 women at work. Of the permanent Vaccinatrices, 4 are Hindus, 5 Mahomedans, 1 East Indian, and 4 Native Christians. Among the temporary, 1 Hindu, 2 Native Christians, and 1 Mahomedan.

Owing to the drought, the famine that followed was the cause of a severe outbreak of small-pox at Madras from the influx of the poor of several districts, who were suffering from want, the result being a large mortality from this disease (2,770 deaths) as almost to cause a panic in the town, and there was a great rush for the services of the Vaccinator among the European, Eurasian, and a small portion of the more enlightened part of the Native community. The demand for vaccine lymph and the services of Vaccinators among the Military also was great; whole regiments, European and Native, were re-vac-

nated. The inmates of the different asylums and jails were also vaccinated or re-vaccinated. Some of the mercantile firms and other establishments also took advantage of the opportunity to get their whole establishments operated on. At first a batch of 6 temporary Vaccinators were entertained on the 25th February; these 6, with 10 others of the Municipality, were deputed to work in connection with the recently created Special Health Department in carrying on house-to-house visitation, and on the 1st March 6 other temporary Vaccinators were entertained to meet the general wants of the community and to attend to the various famine-relief camps and poor-houses. The run for the services of Vaccinators during the last quarter of the year was great, and it culminated in the month of March, when 14,413 operations were performed; and from 1st January to 31st March 1877, 25,930 operations were performed, and of this number 4,606 were executed by the Vaccinators in connection with the Special Health Department from the 23rd February to 31st March 1877. I am glad to say that the department responded nobly to the sudden and emergent call made on them both for the services of Vaccinators and supplies of vaccine lymph; all applications were attended to within 24 hours of their receipt, except in a few instances where the parties made their own arrangement as to the time of operations. Whole households were vaccinated or re-vaccinated, masters, mistresses, and servants underwent the operation. Vaccinators sent out to gentlemen's houses were detained for hours, and both their time and patience were most sorely tried during this period in hunting for and finding subjects to furnish vaccine lymph. This epidemic began its ravages in December 1876 and culminated in March 1877.

- The Superintendents, as a body, with the exceptions noticed, worked well during the year and gave satisfaction in the discharge of their duties. Twenty-five Rupees only were recovered as fines from them for inattention to orders or remissness in their work, and Rupees 21-2-8 by this Office from the Vaccinators for neglect of work and general misconduct.

	RS.	A.	P.
Recovered as fines from Superintendents and Vaccinators	166	2	0
Recovered from those who resigned	18	11	4
Recovered on account of sickness, absence, suspension, and leave with forfeiture of pay	1,905	5	11
Recovered undrawn pay for desertions	68	0	0
Recovered—non-completion of the staff	1,773	3	11
Total	3,931	7	2

The present staff comprises—

	Superintendents.	Vaccinators.
East Indians	3	2
Hindus	26	305
Mahomedans	6	58
Native Christians	2	31
Brahmins	0	9
Total	37	405

The total number vaccinated during the year was 483,192; their particulars are as follows :—

Departments.	Total of Operations.	Increase.	Decrease.	Net Increase.
Vaccine Districts	385,222	94,343	...	...
Vaccine Depôt	1,694	1,069	...	...
Military Cantonments	5,240	...	83	...
Private Vaccinators	3,048	...	2,892	...
Temporary Vaccinators	16,318	3,641	...	...
Medical Subordinates	15,753	4,721	...	...
Municipalities	41,172	12,057	...	...
Zemindaries	3,847	...	398	...
Civil Dispensaries	87	...	321	...
Conservancy Establishments	702	702	...	...
Hospital Assistants as Vaccinators	162	111	...	...
Neilgherry Hills	2,461	2,461	...	...
Red Hills Famine Camp	1,632	1,632	...	...
Price Vaccinators	2,138	...	860	...
Results System	3,659	...	1,609	...
Railway Apothecaries	57	57	...	...
Total ...	483,192	120,805	5,663	115,142

The total of work shows a large increase of 101,780 operations over that of the previous year, with an average of 94.33 per cent. of success.

I have visited during the year the Districts of North Arcot, Chingleput, South Arcot, Bellary, Kurnool and Cuddapah, and owing to the great prevalence of small-pox in the town of Madras, I was engaged in arranging a systematic plan of work in the various famine-relief camps, poor-houses, and in the town itself, and I am glad to say that we have succeeded in controlling the disease and hope eventually to stamp it out of Madras.

There are 20 Districts or Collectorates in the Presidency. Of these seven districts have only 1 Superintendent each, viz., Madras, Chingleput, South Arcot, Trichinopoly, Kurnool, Malabar and South Canara, whilst the other seven districts have 2 Superintendents, one to each circle of the district. These are Tanjore, Madura, North Arcot, Cuddapah, Nellore, Kistna and Godavery. In Salem and Coimbatore there are 1 Superintendent and 1 Assistant Superintendent; Bellary and Vizagapatam have 1 Superintendent and 2 Assistant Superintendents each; Ganjam has 2 Superintendents and 1 Assistant Superintendent; and Tinnevely 2 Assistant Superintendents. Peons have already been sanctioned, 1 to each Superintendent or Assistant Superintendent in the Districts of South Arcot, Tanjore, Madura, North Arcot, Salem, Kurnool, Coimbatore and Tinnevely; in the Godavery District, the Cocanada Circle only has a Peon.

Of the total of operations the largest number has been performed in the Collectorate of Madras, 51,495 operations; next comes South Canara with 44,149, Madura with 41,508, and Coimbatore with 33,990. The smallest number, as usual, is in the Kurnool District, 3,362.

The system of payment partly by results and partly by salary has been tried in a few districts. In the Vizagapatam District it has led

to much peculation, and two Vaccinators have made away with about Rupees 300. The Vaccinators concerned are now under trial, and will, no doubt, meet with their deserts.

In the Coimbatore District it is reported successful, but in this district, Vaccination even without the result system was fairly successful, as the operation is in a measure compulsory, and the Vaccinators have not to go from house to house as in other districts. Owing to the repeated orders of the Collector and President of the Local Fund Board, the Tahsildars direct the heads of villages to collect the children of the village together, and the Vaccinator has the services of a peon given him, who, with the head of the village, collect and keep them together at a central place to allow the Vaccinator to operate, and the Curnum of the village assists the Vaccinator in writing down the names of those vaccinated. The Munsiff or Monegar of the village is bound to keep a register of all vaccinations performed in his village, and when the Superintendent of Vaccination, after due notice, arrives to inspect the work, the Monegar attends with his register, and all the subjects operated on are collected for his inspection and pointed out to the Superintendent, so that neither the Superintendent nor Vaccinator has any trouble beyond that of inspecting or vaccinating the children collected. In no other district are such facilities given to this department to carry on their work, nor is the Vaccinator's time frittered away in having to go from house to house to coax the people to submit to the operation. If this plan could be adopted in other districts, double the amount of work might be carried out, and most of the Vaccinator's difficulties will vanish. In other districts, when assistance is asked for, the officials themselves turn round and say that the operation is optional and the people cannot be compelled to undergo vaccination.

In Trichinopoly the result and salary system was on trial for seven months, and the Vaccinators were, on the introduction of the new rules, placed on their usual salaries.

In the South Arcot District 4 Vaccinators were placed on the result and salary system with an Inspecting Vaccinator to supervise their work. This system has been in operation for about 2 years. One Vaccinator has been prosecuted for false accounts. On comparing the work of the year under notice with that of the previous year there is a marked decrease of 1,609 operations.

In the North Arcot District the result system was tried for six months; it failed to give satisfaction, and the monthly payment of Vaccinators had to be resorted to again.

Private Vaccinators.—Of the 13 private Vaccinators who worked last year, 9 only reported their work during the year under notice. Of these, 2 worked at Ongole in the Nellore District, 4 in Coimbatore, 1 in Malabar, and 2 in the Hill Tracts of Jeypore, and between them they have operated on 3,048 cases, showing a decrease of 2,892 operations below that of the previous year.

Batta.—In the Town of Madras Rupees 2,105-9-0 was paid as batta to subjects who submitted themselves to be operated on, and to mothers for furnishing arm lymph to work from. The Government,

in their Order dated 26th October 1875, No. 1,298, declined to sanction the special allotment of Rupees 3,600 asked for in 1875-76, and having only the sum of Rupees 2,400 at our disposal, we were obliged to economize as much as possible at the commencement of the year under notice. We paid 3 pies only to each subject vaccinated, but finding that this sum was not sufficiently attractive; we raised the amount to 6 pie from the 20th June 1876, and during the nine months, April to December 1876, Rupees 1,146-11-6 was paid, and from 1st January to 31st March 1877 Rupees 958-13-6, showing a monthly average for the nine months of 1876 Rupees 127-6-7, and for the three months in 1877 Rupees 319-9-10, this last sum being very much larger not only owing to the great influx of the people from several of the adjacent districts, but also from a larger number of people from the town itself seeking protection from the Vaccinator owing to the very great prevalence of epidemic small-pox in the town and suburbs of Madras.

A set of new Vaccination Rules has been approved and sanctioned by Government in their Proceedings, dated 2nd September 1876, No. 1,591. But these rules have not been introduced as yet in several districts, owing, I believe, to the Local Fund Boards being unprepared to meet the extra charges that will have to be incurred when the rule is brought into operation, and it is expected to be introduced during the next official year, and should the rule be strictly adhered to, it may work well and give satisfaction, but at present the department continues in the same unsatisfactory state as reported on last year.

The new rule has already given rise to much heart-burning, as the payment of batta to Superintendents and Vaccinators, and the allowance of peons to Superintendents being left to the discretion of the Local Fund Boards, and in the few districts in which this rule has been introduced, both batta and the services of peons have been granted; in others all such indulgences are positively refused, whilst the work is the same in all the districts; and indulgences granted in one and refused in another are a constant source of complaint and discontent. The reduction of the salary of the Superintendent from 70 to 60 Rupees, and that of the First-class Vaccinator from 18 to 15 was, I have reason to believe, carried out in the hope that the batta would better their positions, instead of which these men are placed in a worse position than they were in before the introduction of the new rule. Under the circumstance, I beg respectfully to call the attention of Government to the subject that the rule as to pay, promotion and work, should be made uniform in all the districts like other departments.

Vaccinators are still being taken away on cholera duty. They are placed at the beck of every Tahsildar and his assistants, at whose call the Vaccinator is obliged to leave his legitimate work and attend immediately. Vaccinators were chiefly employed on cholera duty in the Districts of Trichinopoly, North Arcot, Cuddapah, Vizagapatam and Nellore during the year.

The insufficiency of the staff of Vaccinators in the several districts has been repeatedly pointed out. The difficulty is only seen when an epidemic of small-pox shows itself in the district, when there is an immediate demand for the service of the Vaccinator in all directions,

to which he is unable to respond at the same time; complaints are immediately made that the Vaccinator is either inefficient or guilty of carelessness and neglect; but the fact is that the man is utterly unable to attend to the calls that are numerous and far apart, for which no allowances are made, as he is the only Vaccinator in the taluq, extending over a hundred square miles perhaps.

Small-pox prevailed chiefly in Madras, Chingleput, South Arcot, Trichinopoly, Tanjore, Madura, Bellary, Cuddapah, Kurnool, Salem, Malabar, Nellore, Kistna, Godavery, Vizagapatam, Ganjam, South Canara and Coimbatore Districts; and temporary Vaccinators had to be employed in the following: 7 in the Dindigul Circle, Madura District, for nine months; 4 in Coimbatore, and 7 in the Masulipatam Circle, Kistna District, for the year; 4 in Malabar for four months; and 10 in South Canara for two months.

Infant Vaccination—58,390 children under one year of age have been vaccinated during the year, showing an increase of 4,828 operations over that of the previous year. Our best attention is given to the subject, but it is always difficult to overcome the prejudice mothers have to get their children vaccinated whilst young.

The proportion of successful operations varies as usual in the different districts, ranging from 99.13 at Vizianagram Range to 81.30 in the Cuddapah Circle; but in the following districts the proportion of success was over 94 per cent.: Vizagapatam, Hill Tracts of Ganjam, Nellore, Madura, South Arcot, North Arcot, Tinnevely, Coimbatore, Tanjore, Bellary, Trichinopoly, Madras and Salem.

In the South Canara District it is difficult to deal with a wayward people; at one time it is the presence of small-pox that prevents them from getting vaccinated, at another, panic-stricken at the virulence of the epidemic, they rush to the Vaccinator to be operated on. In the absence of small-pox they grow apathetic and say, "the disease has just left us and will not return for years, there is no hurry, we can take to vaccination when we are more at leisure." Such are the excuses pleaded. The last epidemic being not only severe but virulent, a very large number (44,053) has been operated on by the energy of the Vaccinators, under the stimulus of being paid an anna for every case in excess of 1,200 operated on by each Vaccinator during the year, and the employment of additional men as temporary Vaccinators at this particular time by the Local Fund Board, aided materially in ensuring the success that has been attained in this district.

At the onset of the famine several of the Presidents of Local Fund Boards of the threatened districts were addressed on the advisability of making small money payments or giving grain-batta to all those persons who voluntarily submitted to vaccination; a trifling sum as a bribe at this particular time would have brought large numbers to the Vaccinator, and the advantage would have been great by showing to the people who were congregating in large gangs, the benefits of vaccination. I pointed out to these Boards that an epidemic of small-pox was certain to show itself in connection with the prevailing distress, and regret much that my suggestions were not taken advantage of at the time. Many lives, now destroyed by this loathsome disease, might have been saved had this plan been carried out.

In the North Arcot District the President thought that my suggestion that "wherever relief-works are provided for the people owing to the impending scarcity, they be required, when unprotected by small-pox or vaccination, to come forward and get themselves and their families vaccinated, and the same rule be enforced in all feeding-houses for the distribution of cooked food," "savoured of compulsion;" this was not intended, all that was necessary was that the supervising officers should bear the fact in mind and encourage the people to come forward and protect themselves and their families from so foul a disease as small-pox by getting vaccinated, and to give them nominal work or relieve them altogether from work for a day or two, as an inducement, and in the case of young children, batta be paid to the parents, and that much discretion should be left to the supervising officers to take advantage of the circumstance and act accordingly.

In the Coimbatore District the supervising officers would not permit the Vaccinators to work at the relief-camps without the permission of the Collector of the district, and the Collector himself did not think it a favorable time to vaccinate working men. Surely the object of Government in establishing relief-works and poor-houses is to save the people from starvation and death, and the very remedy resorted to in bringing large bodies of people together paves the way for the introduction of a loathsome disease among them, resulting in a large mortality. Under the circumstance vaccination should have been insisted on, not so much in the interest of the individual, as in that of the multitudes who were seeking protection and food from Government.

ABSTRACTS OF THE SUPERINTENDENTS' REPORTS.

BELLARY DISTRICT.

This district has been divided into three circles with 2 Superintendents, and during the year under notice a third Superintendent has been appointed, and now each of the circles has a Superintendent of Vaccination presiding over it. According to future arrangements there will be 1 Superintendent and 2 Assistant Superintendents.

BELLARY CIRCLE.

The Superintendent reports 7,788 operations during the year with a percentage of 94.54 of success, and the result in 539 cases was not ascertained. The total comprises 4,114 males and 3,674 females, showing a small increase of 222 operations over that of the previous year. Famine and pestilence prevailed greatly and drove many families of the poorer classes from their homes in search of their daily food.

The Superintendent of the circle was removed from the district, and the present Superintendent only joined his appointment at the end of 1876. One Vaccinator was dismissed by the President for submitting false returns, and the vacancy thus caused was not filled up for some time. The number of infants operated on under one year of age was 1,914. Of this number 1,654 were successful and 170 unknown. Obstruction to the spread of vaccination continues, and the people in the interior of the district are rude and uncivilized, requiring to be convinced of the benefits likely to result from vaccination. They ask that the village officials set them the example in having their own children vaccinated first. The Superintendent urges compulsory vaccination till the people are in a position to appreciate the benefits of this operation better, and the isolation of patients suffering from small-pox. Sufficient assistance is not obtained from village officials, and from these several causes vaccination is backward in the district.

Of the total of operations 2,063 were conducted among famine-relief coolies employed on relief-works. Small-pox prevailed extensively in the district, and means were taken to stop its progress immediately. Sixteen vaccination certificates were granted to candidates appearing for the Government examinations. The conduct of the staff was satisfactory, and the lymph in use good. The cost of each successful case was annas 5 and pies 10. No money was spent in paying batta to mothers for furnishing vaccine lymph for arm work.

PENNACONDAR CIRCLE.

In this circle the Superintendent reports during the year 4,230 operations, comprising 2,239 males and 1,991 females, with a percentage of 92.55 of success. The result in 252 subjects were not ascertained, and of the total 147 cases were re-vaccinations. There is a small increase of 936 operations over that of the previous year. The unusual prevalence of cholera and small-pox in a virulent form interfered with the work. Immediate steps were taken by the Superintendent and Vaccinators to arrest the spread of the disease, by visiting all the infected localities and vaccinating the unprotected. Great difficulties were experienced in the securing of vaccine lymph for transfer, parents refusing lymph being extracted. The Superintendent urges that village officials should be required to produce a correct list of all unvaccinated subjects and to help the Vaccinator in his work. The Superintendent also complains of the inadequacy of the staff, there being only four Vaccinators in the circle, and it is found impossible for one Vaccinator to roam over a whole taluq during the course of the year. 1,055 infants under one year of age have been vaccinated, comprising 524 males and 531 females. The conduct of the Vaccinators, with one exception, is reported good, and the vaccine lymph in use effective. Complaints of the want of the services of a peon. No batta was paid to mothers for furnishing lymph during the year, in consequence of there being no provision made for the purpose by the Local Fund Board. The cost of each successful case was annas 6 and pies 7.

GHOOTY CIRCLE.

The Assistant Superintendent of this circle was appointed on the 3rd June 1876, with 5 Vaccinators under him. He reports 3,874 operations with a success of 93.69 per cent., and the results in 243 cases were not ascertained. The total comprises 2,071 males and 1,803 females. The Superintendent ascribes the smallness of work to cholera, that prevailed to a great extent in the circle, and to which famine was added; the people deserted their homes to obtain employ on relief-works. Small-pox broke out in a severe form, and every precaution was taken to stamp out the further spread of the disease. Some of the Vaccinators were away on leave during the year, and the duties had to be carried on with the rest who were present. Very great difficulty exists in securing arm lymph, and the Superintendent suggests that some inducement should be held out to the people by bribing them to allow of lymph being extracted for propagation. The vaccine lymph is good and effective. The number of infants vaccinated under one year of age was 1,350. The cost of each operation in the circle was Rupees 0-5-1. No batta was paid to mothers for furnishing vaccine lymph.

I visited the Bellary District on the 14th November 1876; unfortunately cholera just then broke out in the town and suburbs. The Superintendent of the circle met me without his records, which he had left in the village of Raidroog, thirty miles off, where he had established head-quarters contrary to orders, that I had to suspend him eventually. I visited the Civil Surgeon and the senior Medical Officer of the station, and saw the Special Additional Sub-Collector about the issue of batta to vaccinated subjects. I also inspected the registers, equipments, work, and the lymph in use among the Municipal and two District Vaccinators, and left for Ghooty on the afternoon of the 17th. The Superintendent of the Ghooty Circle met me on the evening of the 18th, and on the 20th I proceeded to Adoni, where the Superintendent was also present. I inspected the registers, equipments, work, and lymph in use with the Municipal Vaccinator, and saw the Vice-President of the Municipality, and suggested the issue of rice to vaccinated subjects and returned to Ghooty the same evening. The next two days I was engaged with work in the Kurnool District, and on the 24th, after inspecting the records of the Superintendent and the registers and equipments of one Vaccinator of this circle, I proceeded to Tadpatri, but the Taluq Vaccinator was out in the interior. On the evening of the 25th I left for the Cuddapah District. Owing to the prevalence of much sickness and the presence of famine that was telling sorely on this part of the district, I was unable to visit the Pennacondah Circle on this occasion.

CHINGLEPUT DISTRICT.

The Superintendent reports 9,343 operations during the year under notice, showing a small increase of 317 over that of the previous year. The percentage of success was 92.44, and the results in 397 cases not ascertained. The total comprises 5,411 males and 3,932 females.

Small-pox prevailed in the district to some extent, and the services of a few temporary Vaccinators were applied for at the end of the year. The Superintendent suggests compulsory vaccination. The number of infants under one year of age vaccinated was 1,089. 423 re-vaccinations were conducted, with a percentage of 59.06 of success. 42 vaccination certificates were granted to candidates appearing for the Government examinations. The Superintendent points out the insufficiency of the present staff of Vaccinators for the wants of the district. The character of the staff is reported satisfactory, and the working lymph in use good. Batta to the extent of Rupees 169-13-10 was paid to mothers for furnishing vaccine lymph, and the cost of each successful case has been Annas 5 and Pies 9.

On the 3rd November 1876 I was at Chingleput, where the Superintendent of Vaccination met me, and I inspected the register, equipments, &c., of two Vaccinators the same afternoon and several excellent subjects with good vaccine vesicles; and on the 4th, in company with the Superintendent and 4 Vaccinators, we went into the town and operated on 20 subjects. In the course of the day I inspected the records, &c., of the Superintendent and saw the Zillah Surgeon on the subject of vaccination. On the 6th we again visited the town, but did not work, and at noon I left for the South Arcot District. On my way thither I inspected two other Vaccinators with their registers and equipments at Madrauticum. I was well satisfied with all I had seen in this district of the work.

CUDDAPAH DISTRICT.

This district comprises two circles, each being presided over by a Superintendent of Vaccination.

CUDDAPAH CIRCLE.

The Superintendent reports 3,233 operations with a success of 81.30 per cent., and the results in 189 subjects were not ascertained. On comparison with the work of the previous year there is an increase of 525 cases, notwithstanding the prevalence of famine, cholera and small-pox during the year. This increase is chiefly owing to the opportunities had of operating on famine-relief coolies. The Tahsildars of Jamalamadugu and Cuddapah and the Deputy Tahsildar of Camalapoor rendered material assistance to the Vaccinator. The main cause of obstruction to the spread of vaccination is ascribed to the unhealthiness of the climate of the district and the apathy and indifference of the people, and the want of appreciation of the benefits resulting from vaccination. When small-pox showed itself, immediate steps were taken to suppress the disease. Only 182 infants under one year of age were operated on. The Superintendent and a few of the Vaccinators were engaged for four months on cholera work during the year. Great care was evinced in the preservation of vaccine lymph

during this period by receiving and exchanging supplies with other districts. The Superintendent suggests for the more effectual spread of vaccination that the revenue officers should aid the Vaccinator, and the people should be bribed by money-payments to get vaccinated, or by resorting to compulsory measures all objections will vanish. The changes among the staff consisted of one transfer, two resignations, one desertion and two deaths. Rupees 5-4-0 were expended in paying batta to mothers for supplying vaccine lymph, and the value of each successful operation was Rupees 1-5-11.

MADANAPALLY CIRCLE.

The Superintendent reports 2,941 operations in this circle with a success of 89.49 per cent. The results in 437 were not ascertained. The large number of which the result was not ascertained is accounted for from the fact of the chief work having been carried out among relief coolies, and owing to the prevalence of cholera among them the gangs were so constantly disarranged that the operated cases could not be traced out. The total work comprises 1,690 males and 1,251 females, showing a small increase of 156 operations over that of the previous year, in spite of much sickness in the four taluqs comprising the circle, and the incompleteness of the staff of Vaccinators for nearly 3½ months, followed by famine and small-pox. From these several causes the progress of vaccination was retarded. Nine vaccination certificates were granted to candidates going up for Government examinations. The conduct of the Vaccinators was generally good. Vaccination is not appreciated in the circle, and the Superintendent suggests that it should be made compulsory. 111 infants under one year of age were operated on, and no batta was expended for securing lymph supplies. The money-value of each successful case was Annas 15-11.

I was at Cuddapah on the 25th November, the Superintendent of Vaccination having reported himself to me. On the 26th I saw the Collector, Mr. Daniell, and on the 27th I was in the town to inspect some subjects, but found they had gone off to the relief-work that was started at some distance from the town. During the day I inspected the records of the Superintendent and the register and equipments of the Vaccinators, and investigated a complaint preferred against a First-class Vaccinator who had been suspended by the Local Fund Board for two months for absenting himself without leave from his station; and the present complaint was for borrowing money from a Second-class Vaccinator whilst officiating as a Superintendent. I saw the Zillah Surgeon, who was also Vice-President of the Local Fund Board, on the subject of vaccination; and on the 29th I proceeded to the village of Goovelcherroo, where the Superintendent and Vaccinators of the Madanapally Circle were to have met me. The Superintendent reported himself immediately on my arrival, and I inspected his records and the registers and equipments of the Vaccinators, and found all satisfactory. I returned to Cuddapah on the 30th and left for Madras the same evening. I was well satisfied with all I saw of vaccination in this district, in which vaccination is still backward.

COIMBATORE DISTRICT.

In this district there was but one Superintendent till December last, when an Assistant was added, and as there was only one circle, the district was divided into two ranges. The Superintendent reports 31,529 cases, showing a large decrease of 4,227 operations when compared with the work of the previous year. The decrease is attributed to the famine that prevailed during the latter part of the year. Of the private Vaccinators in the district, two are reported to have died and a third was employed by the Municipality. Great facilities exist in this district, not only to carry on vaccination, but to secure vaccine lymph also for arm-to-arm work. The arrangements made by the officials are such, the Superintendent states, as are not to be met with in any other district by the assistance given by Tahsildars and village officials, and in allowing Vaccinators the service of peons to aid in carrying on their work. In addition to the above facilities, Vaccinators are allowed one anna in the district and two annas in those parts that are reputed sickly, for every successful case. The Superintendent suggests that further inducements should be held out to Vaccinators in the most sickly localities to induce them to stay and work in such places. Small-pox is reported to have prevailed as an epidemic in parts of the district, and that immediate steps were taken to check the further spread of the disease. 7,744 subjects under one year of age have been operated on with 7,259 successful, giving a percentage of 96.45. 50 vaccination certificates were granted to candidates appearing for several Government examinations. With one exception the conduct of the staff is reported satisfactory, and the vaccine lymph is stated to be good and effective. Only 8 Annas was spent in batta to mothers for supplying vaccine lymph.

GANJAM DISTRICT.

This district is divided into two circles with a Superintendent presiding over each, and in addition there are the Hill Tracts with a Superintendent and staff of Vaccinators for work.

CHETTERPORE CIRCLE.

The Superintendent reports 4,547 operations, showing a large increase of 1,597 subjects over that of the previous year. The work would have been greater had it not been for the staff having been incomplete for several months. The Superintendent reports unfavorably of the Vaccinators both as to their qualifications and disposition for work. The operation being optional, there is much prejudice and superstition as regards the practice among the people. The Superintendent suggests that village officials should be urged to have their own families vaccinated as an example to the people, and that they should assist Vaccinators in carrying on their

work. He also suggests that Vaccinators for the future should be selected from among the Oryah people. Small-pox is reported to have shown itself first at Russelcondah and thence found its way to Berhampore. Immediate steps were taken to arrest its further progress by sending Vaccinators to the infected localities. 80 subjects under one year of age were operated on. No batta was spent on behalf of mothers for supplying vaccine lymph, as the people refused to receive any, and subsequently there was always a difficulty in securing vaccine lymph for work. The working lymph is reported good. 7 vaccination certificates were granted to candidates going up for Government examinations. The cost of each successful case was Annas 12 and Pies 4.

CHICACOLE CIRCLE.

The Assistant Superintendent of this circle was appointed on the 7th April 1876. The total of operations reported is 3,463, showing a small increase of 78 operations over that of the previous year. The increase would have been greater had it not been for the prevalence of cholera and small-pox in the circle throughout the year, and the non-completion of the staff in not filling up a vacancy for five months. The Oryah Vaccinators are reported to be much more successful from the fact of these men having been small-pox inoculators prior to their admission in the department, and have the confidence of the people; but as vaccination is optional, it is difficult to persuade the people to submit to the operation, and steps should be taken to insist on the heads of villages to assist the Vaccinators in their work. The number of infant-vaccination was 141 operations. No batta was given to mothers of vaccinated children, and the average cost of each successful case was Annas 10 and Pies 6. The percentage of success was 91.23. Great difficulty exists in securing vaccine lymph. The Superintendent asks for the services of a peon to assist him in his work.

HILL TRACTS, GANJAM.

The Superintendent reports 4,655 operations, showing a decrease of 1,071 cases. The work was chiefly carried on in Gumsoor, Chinna-Kimedy, Bodagada and Pedda-Kimedy Maliahs, and those who submitted to the operation were Savarabs, Konds, Penhoses and Oryahs. The largest number of operations was among the Penhoses and Oryahs. Much difficulty was felt in securing supplies of vaccine lymph. Assistance from local authorities is asked for, and Mr. Bartley, the Magistrate of Oodiagherry Taluq, and Bothiah Narrinah Putnaick, the Magistrate of Ramagherry Taluq, are said to have given the Vaccinators much assistance, consequently the work performed was greater in those two taluqs than in the others. Mr. Bartley in particular is said to have taken much personal interest in the spread of vaccination. The conduct of the Vaccinators is reported good. 248 subjects under one year of age are reported to have been vaccinated. Small-pox prevailed throughout the Maliahs, and Vaccinators were immediately sent to

those localities to vaccinate the unprotected, and thus stopped the further spread of the disease. The vaccine lymph in use is reported good and effective. 45 charges of vaccine lymph were sent to the medical and other officers. The Superintendent asks for the services of a peon and promotion for the Vaccinators, as they have been working well. Rupees 4-8-3 were spent as batta to mothers for furnishing vaccine lymph. The cost of each successful case was Annas 7 and Pies 4.

GODAVERY DISTRICT.

There are two circles in this district with a Superintendent to each.

COCANADA CIRCLE.

The Superintendent reports a total of 8,286 operations, and on comparison with the work of the previous year, there is a large decrease of 1,817 operations, for which he accounts by stating that one Vaccinator was sick for the greater part of the year, and only performed 35 operations; 3 other Vaccinators were away on leave; two for one month each, and one for two months. In addition to this an outbreak of a malarious fever is said to have prevailed in the district during the months of November and December 1876 and January and February 1877, reported to have been contagious and fatal, the absence of rain and the prevailing famine from which the poorer classes suffered, consequently they refused to accept vaccination at this time. These various causes contributed in causing the decrease. The Superintendent expresses surprise that although the people understand the benefits of vaccination, they do not submit themselves to the operation freely, whilst admitting that it does not interfere with their religious principles. The want of co-operation from village officials is also complained of, and wherever assistance was received, the work propagated satisfactorily; and he requests that village officials be compelled to assist the Vaccinator, and submit their own children to the operation as an example to others. This system if carried out, he believes, all obstructions to the spread of vaccination will be removed. Small-pox is reported to have been prevalent in the district throughout the year, but it became much more virulent and fatal from the month of February in the taluqs of Budrachellum, Rajahmundry, Peddapur and Tuni. Vaccinators were sent out to the localities at once to try to arrest the further progress of the disease. The new vaccination rules, allowing of batta to himself and Vaccinators will, he believes, do good when carried out. He hopes that vaccination will eventually become compulsory, and that it will be the means of saving many lives, and that small-pox would soon be extirpated. 227 subjects under one year of age were vaccinated, showing a decrease of 92 cases when compared with the work of the previous year. There were no changes among the staff, and with one exception the conduct of the Vaccinators was good. The average cost of each successful case is 11 Annas, and

batta to the extent of Rupees 219-12-6 was paid for mothers for furnishing lymph.

ELLORE CIRCLE.

The Superintendent reports 4,081 operations, of which 3,144 were successful, and in which 220 children under one year of age are included. The circle is reported to have been unhealthy; cholera and the new disease *Soorkumah* prevailed extensively. The Vaccinators also suffered from these diseases, and some of them had to take sick leave. Small-pox was also present in parts of the circle. The vaccine lymph is reported good and effective. The Superintendent complains of the want of interest and co-operation on the part of the village officials. 24 vaccination certificates were granted to youths going up for Government examinations. Rupees 3 and Annas 2 only was paid as batta to mothers of vaccinated children for furnishing vaccine lymph. The conduct of the Vaccinators has been good. The average cost of each successful case was Annas 9-8. There was no separate circle last year, and the report embraced the whole district. When the work of the two circles of the year under notice is compared with that of the district, there is an increase of 1,219 operations over that of the previous year.

KISTNA DISTRICT.

In this district there are two circles with a Superintendent to each.

MASULIPATAM CIRCLE.

The Superintendent reports 5,131 operations with a percentage of 93.02 of success. Of this number 2,847 cases were operated on by the temporary staff. On a comparison with the work of the previous year there is a small increase of 82 numbers. The work was impeded owing to the scarcity of provisions throughout the circle and the presence of cholera in some taluqs; and in addition to these was the want of co-operation on the part of the village officials, who refuse to submit their own children, but call on the *poor* ryots to do so, who observe in return that the children of the officials are not vaccinated, and refuse to submit their own to the operation; and the Superintendent appealed on one occasion to the President for orders that village officials should be required to produce their children for operation, but was told in reply "that no measures can be taken to compel villagers to present their children for vaccination." The changes in the staff were—1 Vaccinator resigned, and 3 temporary were tried and punished for submitting false returns. Rupees 16-3-0 was paid as batta to mothers of vaccinated children for furnishing lymph, and 31 charges of vaccine lymph were forwarded to the medical and

other officers of the district. With one exception the conduct of the Vaccinators was good. The Superintendent complains of the non-receipt of batta for himself under the new rule, and as he is obliged to be constantly on the move, his expenses are greatly increased. He further asks for the services of a peon.

GUNTOOR CIRCLE.

The Superintendent assumed charge of this circle on the 6th May 1876, and reports 3,778 operations, thus showing a small increase of 638 cases over that of the previous year. The effect of the present famine was experienced in the circle, and the crowds of homeless starving people congregating in different places produced cholera, and small-pox also showed itself among them during the last five months of the year. Calls for the services of Vaccinators came in from all sides, but the Superintendent was unable to respond to many as the Vaccinators had their hands full of work, as it was in other parts of the circle. An application was made to the President for the services of six temporary Vaccinators; these were not sanctioned till the end of the year by the Local Fund Board. The conduct of the Vaccinators was good. The vaccine lymph satisfactory. Much objection exists to the practice of vaccination in the circle, and it is not only difficult to secure subjects, but when secured they refuse to permit of lymph being extracted for propagation, and the Superintendent believes that the only remedy to make vaccination successful is compulsion. The want of assistance from village authorities is said to be the chief objection to the more effectual spread of vaccination in the circle. No batta was paid to mothers for furnishing vaccine lymph. The salary of Second-class Vaccinators is reported insufficient to meet their wants, and the cost of each successful case has been Annas 7 and Pies 2.

KURNOOL DISTRICT.

In this district there is but one Superintendent, and he reports 3,362 operations with a percentage of 91.91 of success, thus showing a large increase of 1,443 operations over that of the previous year. This increase he attributes to the presence of small-pox in the Markapoor Taluq during the year, and that the people only take to vaccination when small-pox is present. It was suggested to the Local Fund Board to pay those who submit to vaccination; but this proposal was not sanctioned, though a large number could have been reached had the proposal met with success. Cholera lingered in the district for the greater part of the year. There is much objection to the spread of vaccination, and the people express no anxiety to get vaccinated; but the lower classes might be bribed for a trifle to submit to the operation. Under these circumstances the Superintendent suggests compulsory vaccination. Small-pox prevailed largely in the various relief-camps first, and then extended to the different

villages in the district, but the people were not willing to accept vaccination, although every effort was made by the Vaccinators to reach the unprotected. Neither the persuasions of the Vaccinator nor those of the Revenue authorities could make any impression on the people in this particular. 334 subjects under one year of age were vaccinated, showing an increase of 62 numbers over that of the previous year. The changes in the staff were one desertion and one exchange. The conduct of the staff is reported satisfactory with one or two exceptions. Rupees 2-15-0 was expended as batta to mothers for furnishing arm lymph. The Superintendent visited the Nabob of Banganapully in this district, and suggested the employ of a Vaccinator on his estate. The Nabob consented to do so, and it is expected he will employ a competent person shortly. The cost of each successful case was Annas 13-9.

MADRAS COLLECTORATE.

The Superintendent was appointed on the 1st May 1876, and has been in charge since. Much sickness prevailed in the town. Cholera and small-pox were epidemic, the latter creating a panic in the place. The Superintendent reports 51,495 operations during the year, showing a large increase of 2,132 operations over that of the previous year. This increase is owing to the increase of the batta payment to vaccinated subjects from 3 to 6 Pies, and the great prevalence of small-pox that the famine-people brought into the town, and to the appointment of 12 additional temporary Vaccinators at the end of the year. Of the total operated on 20,793 were successful, 1,069 unsuccessful; and in 29,633 the results were not ascertained, as advantage of unprotected subjects was taken wherever met with. Most of these could not be traced subsequently to ascertain results. The percentage of success was 95.11. The conduct of the Vaccinators was good, and they have worked hard and showed much zeal and perseverance in the discharge of their duties during these trying times. The Superintendent suggests that the batta paid to vaccinated subjects should be increased from 6 Pies to 2 Annas each subject, that vaccination certificates should be required of children admitted into all public or aided schools at the Presidency in the same way as is now done in case of candidates going up for the Uncovenanted and other Government examinations; and that an European or East Indian Vaccinatrix should be specially employed to visit all European and East Indian families, going about from house to house. The cost of each successful case has been Annas 3 and Pies 10.

VACCINE DEPÔT.

One Vaccinator worked at this depôt during a part of the year, and he operated on 1,694 subjects of whom 1,302 successful, 1 unsuccessful, and 399 unknown, with a percentage of 99.92. There is a large increase of 1,080 operations over that of the previous year. As

subjects seldom come to this institution, at other times the Vaccinator worked in the district with the other Vaccinators for the greater part of the year. 406 capillary tubes charged with fresh vaccine lymph were, on requisition, sent out to various medical officers in the several districts, and 392 subjects and 406 capillary tubes were sent to medical officers and others at the Presidency during the year under report.

MADURA DISTRICT.

In this district there are two Superintendents of Vaccination at work, one in each of the two circles.

MADURA CIRCLE.

The Superintendent reports 22,907 operations, thus showing a large increase of 1,412 numbers over that of the previous year, with 20,338 successful, 685 unsuccessful, and 1,884 results not ascertained. The average cost of each successful operation was Annas 3-4 $\frac{3}{4}$. Objections to the spread of vaccination still exist in the district, more particularly among Lubbays, Weavers, Cashcara Chetties, and some Vellalers residing in the vicinity of Eliengoody, Aroopocottah, Teruchuly and Manamudura, who are determined in their efforts to refuse vaccination. Difficulty also exists in procuring lymph supplies for arm work with or without batta. Small-pox existed in parts of the circle during the year, and the infected localities were immediately visited by Vaccinators and every legitimate means taken to protect the unprotected and thus arrest the further spread of the disease; but the people will not accept vaccination whilst small-pox is prevailing. Neither Vaccinators, Superintendents, nor officials can persuade them to accept vaccination at the time. Under the circumstance, the Superintendent suggests that vaccination should be made compulsory. He also suggests that all school-boys should be required to produce vaccination certificates ere being admitted to school. The quality of the vaccine lymph is reported good and effective. The number vaccinated under one year of age is 4,742. The conduct of the Vaccinators is reported good. 17 vaccination certificates for candidates proceeding to Government examinations were granted. The Superintendent admits that all possible assistance was rendered him by the revenue officials, and principally by M. R. Ry. Anantharama Iyer Avergal, B.A., Tahsildar of Melur Taluq, and M. R. Ry. Narraina Iyer Avergal, Deputy Tahsildar of Terapatore; both of these gentlemen evinced special interests in the matter of vaccination. No batta was paid to mothers for furnishing vaccine lymph.

DINDIGUL CIRCLE.

The Superintendent reports 16,053 operations, of which 15,581 were successful, 194 unsuccessful, and 273 unknown, thus showing a large increase of 6,814 operations over that of the previous year. The cost of each successful case was Annas 3 only. The percentage of success was 98.74. Obstructions to the spread of vaccination still continue, more especially among Lubbays, Tottians and Cappeliars of some villages, whilst in others vaccination is accepted by these people, and when taxed by the officials for not getting vaccinated, they charge the Vaccinator with negligence, and that he has not been near them for years, whilst perhaps the Vaccinator had been round that very morning. In other villages they send mahzirnamahs to the authorities to say that they are willing to get vaccinated, and when a Vaccinator is sent to the place, he scarcely finds a subject to operate on. This process is resorted to to evade the operation, more especially by simply expressing a desire and thus deceive the authorities.

An instance is related where a Deputy Tahsildar accompanied the Vaccinator to a certain village, and the Village Munsiff reported that all the children were either vaccinated or had small-pox. On this the Deputy Tahsildar offered some sweetmeats for all the children who would appear before him, when at once a large number put in their appearance; and when he said that only those who would get vaccinated would receive the sweets, the majority vanished, and a few only of those remaining submitted to the operation. He then left convinced that the Vaccinator has difficulties to contend with in the carrying out of his work.

In some villages the educated males are alive to the benefits of the operation, but are unable to resist the opposition raised by the women. In others, it is said that it is not customary among their families to get vaccinated. In those villages where the opposition is great, if the village authorities will earnestly co-operate with the Vaccinator, much of the difficulty will vanish; but the rule with the village officials is to tell the Vaccinator they have other work and cannot attend to vaccination. Small-pox is reported to have been present throughout the year under notice. The disease is believed to be introduced by inoculators from the adjoining zemindaries. Additional Vaccinators were employed by the Local Fund Board, on the representation of the Superintendent, to meet the emergency. The vaccine lymph in use is reported good and effective, and the only suggestion the Superintendent can make is to render vaccination compulsory, and the segregation of small-pox cases will tend to favor the acceptance of vaccination, and prevent the contagion of small-pox spreading far and wide. The Superintendent asks for the services of a peon, which has been granted, he says, in the Madura Circle to the Superintendent. One Vaccinator was suspended for a year and another for six months, and a third dismissed for submitting false returns. The conduct of the staff on the whole is reported good.

MALABAR DISTRICT.

In this district there is only one Superintendent, and he reports 10,271 operations, of which number 9,078 were successful, 447 unsuccessful, and 746 unknown. The number operated on under one year of age was only 32. There was one resignation among the staff. The conduct of the Vaccinators is reported good. The Superintendent complains of the inadequacy of the pay of Second-class Vaccinators, and hopes that the new rules will be soon brought into operation, and the granting of batta will relieve the Vaccinators of their difficulties. Cholera and small-pox are reported to have prevailed throughout the district during the year, in consequence of which there is a small decrease of 112 operations in the general total on comparing it with the work of the previous year, besides which there was a large staff of 36 Vaccinators employed during the previous year, whereas in the year under notice there were only 15 Vaccinators, 11 permanent and 4 temporary. Rupees 28 were spent as batta to mothers for supplying lymph, and the cost of each successful case has been Annas 5 and Pie 1.

NELLORE DISTRICT.

In this district there are two Superintendents, one to each of the circles into which the district is divided.

NELLORE CIRCLE.

The Superintendent reports 16,315 operations with a percentage of 98.30 of success. Of the total 15,408 were successful, 265 unsuccessful, and 642 unknown. On comparison with the work of the previous year there is a large increase of 3,250 operations. This increase is attributable partly to the unusual prevalence of small-pox and the occurrence of famine during the year, and partly to the exertions of the staff. Much work was done during the last four months of the year among the famine-relief coolies and the attendants of poor-houses in different parts of the circle; the success was chiefly at Naidupett, where, in consequence of the interest and exertion of the General Deputy Collector, who supervised the work. The Vaccinators have had great facilities given them to carry on vaccination. Little was done at other relief-camps from the want of interest and co-operation on the part of the relieving officers. The coolies often deserted the place at sight of the Vaccinator, and unfortunately the batta system recommended to the Local Fund Board was not introduced. Had batta been given to the poor, a very large amount of work might have been executed, and the lives of very many poor people, who have since succumbed to the dire effects of small-pox, might have been saved. Obstruction to the spread of vaccination exists as usual, the chief being the anger of the goddess Marriatha, and the practice is not customary among the people, and they can do without it. The Superintendent suggests that the operation should be

made compulsory. Small-pox, as an epidemic, prevailed largely throughout the entire district during the year, and it is believed to have been imported from the Cuddapah and Kurnool Districts. It first made its appearance in the town of Nellore in November last, and then gradually spread over the district, destroying many lives, notwithstanding the Superintendent believes it has done some good in that it has taught many the benefits of vaccination, and that several of the village officials, who could not be persuaded previously, now voluntarily came forward and got themselves as well as their children vaccinated. Demands for the services of Vaccinators were great, and they were deputed for work at the various localities as rapidly as possible, where their services were urgently needed; and about the close of the year, with the sanction of the Local Fund Board, six temporary Vaccinators were employed. The vaccine lymph is reported good and effective. The Superintendent suggests that village officials and servants should be compelled to undergo vaccination as Government servants. From experience he finds that the people look to the officials for advice, and if they are vaccinated the people will follow suit at once. At present they take no particular interest in vaccination. 872 subjects under one year of age have been vaccinated. 70 vaccination certificates were given to candidates for Government examinations. The change in the staff consisted of two transfers and one death. The conduct of the Vaccinators has been good. Batta to the amount of Rupees 27-0-10 was paid for supplying lymph, and the cost of each successful case has been Annas 2-8.

ONGOLE CIRCLE.

The Superintendent reports 8,835 operations with 8,249 successful, 181 unsuccessful, and 405 unknown. On comparing the work with the previous year there is a small increase of 836 operations, mainly due to the exertion of the Vaccinators in the Relief Canal Camps. The Vaccinators were employed during the whole year in attending to cholera patients, which greatly interfered with their legitimate work; otherwise they would have shown a larger amount of operations. The working vaccine lymph was lost several times from this cause, and with some difficulty lymph was again introduced, and on a representation by the Superintendent to this office he was directed to make the subject known to the President of the Local Fund Board, and the practice was put a stop to and an order to that effect was published in the District Gazette of the 10th February 1877. The usual obstruction to the spread of vaccination exists, and if revenue and village officials will give the Vaccinator their assistance, the Superintendent believes there will be no hindrance to the spread of vaccination. Small-pox prevailed during the year, and precautions were taken to stamp out the disease by vaccinating the unprotected. The disease still lingers about the district, and Vaccinators are doing their best to suppress it. It was of a virulent type, and much more fatal and severe than it has been during previous years, owing probably to the want of rain and the distress that prevailed among the people. The vaccine lymph was good and effective. 277 subjects under one year

of age were vaccinated. The conduct of the staff was good. 5 vaccination certificates were given to candidates proceeding to the several examinations. 2 private Vaccinators worked in this circle and they report 391 operations. Of these 383 were successful, 17 unsuccessful, and 1 unknown. There is a decrease of 157 operations on comparison with the work of the previous year. They did not work for several months, and their returns were not submitted regularly. Batta to the extent of Rupees 5-13-0 was expended to mothers for furnishing lymph, and the cost of each successful case has been Annas 5 and Pies 2.

NORTH ARCOT DISTRICT.

This district is divided into two circles with a Superintendent to each.

VELLORE CIRCLE.

The Superintendent reports 6,956 operations with 6,608 successful, 258 unsuccessful, and 90 unknown. On comparison with the work of the previous year there is a large increase of 1,570 operations. Cholera prevailed in the circle, and the Vaccinators had to attend to cholera patients. The prevalence of cholera and famine greatly interfered with the work of vaccination. A mild epidemic of small-pox is reported to have prevailed in the circle. The usual objections to the spread of vaccination exist, and the Superintendent suggests compulsory vaccination as it is difficult to make the people comprehend the benefits derived from vaccination. 1,017 subjects under one year of age were vaccinated. The vaccine lymph is reported to have deteriorated in the Wandewash Taluq, and fresh lymph was immediately introduced. In some parts of the circles facilities existed for securing vaccine lymph for arm work, but in others the greatest difficulty exists notwithstanding the offer of batta. 20 capillary tubes and four glass plates charged with fresh lymph were sent out to other districts. 12 vaccination certificates were granted to candidates proceeding to examinations. The cost of each successful operation was 5 Annas, and the percentage of success 96.24. The conduct of the Vaccinators was good. Only 8 Annas was paid as batta to mothers for supplying fresh vaccine lymph. The Local Fund Board advanced the Superintendent 40 Rupees for paying batta to vaccinated subjects, to which was added 15 Annas 8 Pies obtained by exchange, and from this sum 927 operations were effected at a cost of 8½ Pies each. The new order of paying for cases exceeding 100 operations was made known, but no Vaccinator was able to compete for it owing to the distress and bad season. Batta at 8 Annas to the Superintendent and 4 and 2 Annas to the Vaccinators has been sanctioned by the Local Fund Board in consideration of the prevailing famine.

CHITTOOR CIRCLE.

The Superintendent reports 10,862 operations, of which 10,332 were successful, 299 unsuccessful, and 231 unknown, with 97.18 of success per cent., and the cost of each successful case is put down at Annas 4-9. The Vaccinators are working in the different taluqs. In parts of the circle vaccination is not appreciated, and the Superintendent suggests that these parts should be worked by placing the Vaccinators together in groups, that a single Vaccinator placed by himself has not the smallest chance of contending with the prejudices of the people, who are so determined to reject vaccination, and he believes that the combined exertions of several Vaccinators will prove much more successful. From April to September 1876 the system of payment partly by salary and partly by results was tried, but proving unsatisfactory, it was abolished, and the salary system reverted to. The Local Fund Board sanctioned 8 Annas batta for the Superintendent for every travelling day, and to Vaccinators 2 Annas for every operation in excess of 100, as an experimental measure, for six months. The Superintendent complains of Vaccinators being taken away to attend on cholera patients, which interfered with their work, and the people are afraid that Vaccinators will introduce cholera among them on their return, and object to their coming at all near them. The Vaccinator in the meantime loses his lymph and work. About the close of the year Rupees 240 was sanctioned by the Local Fund Board for paying batta to vaccinated subjects. Of this sum Rupees 128-5-8 has been expended. One Vaccinator was dismissed from the department. 1,150 children under one year of age were vaccinated. 19 vaccination certificates were granted to candidates proceeding to examinations. During the close of the year small-pox is said to have prevailed slightly in the circle. The vaccine lymph is reported very good.

SALEM DISTRICT.

In this district there are two circles, with a Superintendent to one and an Assistant Superintendent to the other.

SALEM CIRCLE.

The Superintendent reports 10,548 operations, showing a decrease of 269 numbers, which he attributes to the prevalence of famine and cholera in the circle. From the staff two Vaccinators are said to have been employed on cholera duty from December last. The Superintendent reports that much assistance was obtained from the Sub-Magistrate of Razipore in aiding two of the Vaccinators in carrying on their work; the Revenue Inspector and the head of the village of Ailoor also assisted materially, and that the conduct of these officials might be noticed in the District Gazette, to stimulate others to follow their example. The difference of work between the

Vaccinators is not so much the result of individual exertions, but depends greatly on the nature of the obstacle each has to encounter in his beat. The Superintendent suggests that as village heads are required to keep birth and death registers, for the correctness of which they are held responsible, they should be called upon to submit vaccination certificates of every child born in their villages after a certain time (six months), and that village heads should be remunerated at the rate of 1 Rupee for every 50 cases vaccinated through their assistance in the village; that system, he believes, if tried would prove very successful and prove economical in the end, and that it should form a part of the duty of the heads of villages to assist in propagating vaccination within their several charges. Small-pox prevailed in parts of the circle during the end of 1876, and measures were taken to check the further progress of the disease by vaccinating the unprotected and re-vaccinating those who were willing to accept the operation. The vaccine lymph is said to have deteriorated in certain parts of his circle owing to the great heat of the weather, but at present it is of good quality. The Superintendent joined this circle on the 1st of May 1876 from the Ganjam District. He reports that on one occasion the Collector suspended the head of a village for three months for not assisting Vaccinators, and this had a good effect on others. The percentage of success was 96.68, and the cost of each successful case was 5 Annas and 10 Pies.

OOSSOOR CIRCLE.

The Assistant Superintendent reports 9,830 operations, showing an increase of 1,697 over that of the previous year. Of this number 2,138 were operated by the Price Vaccinators. This increase is attributed to the enlargement of the staff of Vaccinators. 691 children under one year of age were operated on. No particular objection exists in the circle to the spread of vaccination, but in consequence of the present distress many refused the operation. Small-pox prevailed throughout the circle, and the Vaccinators were directed to prosecute their work with diligence in their respective ranges. The cost of each case vaccinated is stated to be Annas 3-3. There were several changes in the staff. The Superintendent himself joined the circle about the middle of the year. Everything was in confusion in this circle prior to the joining of the present Superintendent, and the reports for the previous year were not received, when called for a correct return could not be obtained. The Superintendent and Vaccinators were under the orders of the Local Fund Board at the time. Two Vaccinators were dismissed. The conduct and work of the Vaccinators, with a few exceptions, are reported unsatisfactory. A peon has been allowed, but the Superintendent receives no batta or other travelling allowance, of which he complains. Cholera and small-pox prevailed in the district to some extent.

PRICE VACCINATORS.

These Vaccinators, 4 in number, are employed and paid by a fund originated by Mr. J. F. Price, late Sub-Collector of the Oosoor Sub-division of the Salem District. (*Vide* G.O., Financial Department, No. 424, of 4th September 1871). They are now working under the orders of the Assistant Superintendent of Vaccination. They show a total of 2,138 operations during the year, with a success of 86.43 per cent., and the results in 265 cases are reported as unknown. Of the total 1,078 were males and 1,060 females. The cost of each successful operation has been 4 Annas and 11 Pies. On comparison with the work of the previous year there is a decrease of 360 operations, which is attributed to the presence of famine and sickness in the district during the year. The return for 1875-76 was not received in time, and was not included in the last Report on Vaccination. A separate return for the year under notice is appended to this report.

SOUTH ARCOT DISTRICT.

In this district there are two circles with one Superintendent. The Superintendent reports 17,058 operations with 16,506 successful, 224 unsuccessful, and 328 unknown. On comparison with the previous year there is a large increase of 2,817 operations. A separate staff, consisting of an Inspecting Vaccinator and 4 Vaccinators, worked under the result system. They operated on 3,659 subjects, of which 3,330 were successful, 303 unsuccessful, and in 26 the results were not known. This system was in operation throughout the year, and in comparing the work with that of the previous year there is a marked decrease of 1,609 subjects. This decrease is attributed to the prevalence of cholera and famine in the district. The average cost of each successful vaccination in the permanent establishment was Annas 2-9, under the result system Annas 3-10. Superstition in regard to vaccination is said to be wearing out greatly in many of the towns of the district among the well-to-do. The people are willing to get vaccinated, but suit their own time and convenience in submitting to the operation, and vaccination is delayed. When vaccinated they refuse to allow lymph to be extracted. Whilst among the poor much superstition exists, by the payment of batta they submit to the operation and allow of lymph being taken for transfer. In other parts, the usual excuse of the practice not being customary in the family and that it will invoke the wrath of their goddess is made. Under the circumstance the Superintendent suggests compulsory vaccination, and that the village officials with their families should be required to submit to the operation to set an example to the ignorant and prejudiced. Small-pox prevailed throughout the district during the year, and its ravages are reported to be on the increase; to check which, compulsion is necessary, so that vaccination may be carried out systematically among the people. The only casualty among the Vaccinators was one dismissal for bad conduct in the permanent establishment, and in the result system one Vaccinator deserted, but he was apprehended and

punished with one year's rigorous imprisonment for submitting false returns. Rupees 77-11-0 was expended for batta to mothers of vaccinated subjects. With one exception, the conduct of the Vaccinators is reported good.

SOUTH CANARA DISTRICT.

The Superintendent reports 44,053 operations for the year under report, and when compared with the work of the previous year, there is a very large increase of 34,104 cases, which the Superintendent attributes to the offer of rewards by the Local Fund Board to the Vaccinators for cases over 1,200 a year; this, together with the presence of small-pox of a virulent type in the district and the entertainment of 10 temporary Vaccinators, has contributed in a great measure to the increase shown. There was great demand for the services of Vaccinators, and people of all classes and castes came forward most willingly to be operated on. Small-pox in a very mild form prevailed in the early part of the year about the district, but in November it broke out with great severity in the Mangalore Taluq, resulting in a large mortality. The disease then gradually extended over the other taluqs of the district. Immediate steps were taken to check its progress, and additional Vaccinators were employed by the Local Fund Board, and the Superintendent and Vaccinators worked vigorously in the town where it was virulent, and instructions were also given to those in the taluqs to prosecute vaccination with vigor. The Tahsildars and other revenue officials rendered efficient assistance to the Vaccinators to carry on the work vigorously, and at the close of the year the disease was abating, but had not subsided. Advantage has been taken of the willingness of the people on this occasion to retain the temporary staff of Vaccinators and extend the benefits of vaccination as much as possible. The Superintendent suggests that the rewards to the Vaccinators should be paid monthly instead of annually. 1,652 children under one year of age were vaccinated. 57 certificates of vaccination were given to candidates proceeding to the various examinations. The conduct of the staff on the whole has been satisfactory, the vaccine lymph good and effective, and the cost of each successful case was 1 Anna 1 Pie. Attempts to introduce private Vaccinators have failed, and the Superintendent suggests that when the services of the 10 temporary Vaccinators are dispensed with, such of them as may be willing should be kept on as private Vaccinators. I have had much cause to be dissatisfied with this Superintendent for gross insubordination and neglect of orders. For months he neither submitted his reports and returns nor attended to the repeated orders sent him for explanation, that I was obliged to suspend him; but in consequence of the prevalence of small-pox in the district at the time, and at the request of the President of the Local Fund Board, he was relieved from suspension, but degraded to the post of an Assistant: and yet his conduct has not been satisfactory, for it is entirely owing to his carelessness that this report has been delayed so long by not submitting his own reports in time. Rupees 10-5-1 were spent as batta to mothers for supplying lymph.

AMINDIVI ISLANDS.

The Hospital Assistant continues to work in these islands, and during the year he reports 96 operations with 100 per cent. of success. The cost of each successful operation was Rupees 4-14-0.

It was intended to have relieved the Hospital Assistant this year, as he had worked in these islands for nearly four years, but before the necessary arrangements could be made, the season closed. It will be carried out early next year, on the opening of the season.

TANJORE DISTRICT.

This district is divided into two circles, with a Superintendent in each.

TANJORE CIRCLE.

The Superintendent reports 9,721 operations, with a percentage of 94.59 of success. There is a small increase of 985 operations, inclusive of the work of the Chuttrum Vaccinators, who are now amalgamated with those of the district; this is attributed to the whole of the Vaccinators not being called out to attend cholera patients during the year. Much sickness is reported to have prevailed in the district in the form of cholera and *Soorookooummay*, and with the appearance of famine, people were not anxious to get vaccinated. Small-pox also prevailed during the close of the year, and Vaccinators were deputed to the infected localities with the view of operating on the unprotected. The Superintendent reports having seen in the newspapers that vaccination has been made compulsory in Bombay, and states that if the same rule be introduced into the Madras Presidency, he believes that small-pox will then be eradicated. 713 subjects under one year of age were operated on. The Vaccinators deputed on cholera duty to other divisions lost their working lymph, and were compelled to have recourse to preserved lymph. Rupees 28-15-6 were expended as batta to mothers for supplying fresh vaccine lymph from village to village. The Superintendent complains of not having received batta under the new rules, and he states that Superintendents have received it in other districts at the rate of 8 Annas and 1 Rupee a day, nor have the Vaccinators been granted batta as yet, which also has been given in other districts. The supervision of the Vaccinators has been handed over to the Zillah Surgeon by the Local Fund Board since February last. The conduct of the Vaccinators has been very satisfactory, as a few had to be fined. The others have given satisfaction, and the cost of each successful case has been Annas 5 and Pies 9.

NEGAPATAM CIRCLE.

The Superintendent reports 8,900 operations with a percentage of 95.21 of success. On comparison with the work of the previous year there is a small increase of 743 operations. This increase is attributed to the fact of the Vaccinators not having been called away to attend on cholera patients often. Vaccination is appreciated by a large portion of the population, owing to the repeated visits of the Vaccinator; but objection is only met with in a few parts of the circle, and the people generally object greatly to infantile vaccination, as only 658 subjects under one year of age were operated on. Small-pox prevailed to a certain extent among the unprotected, to whom the attention of the Vaccinators was directed and the necessary aid rendered. The Superintendent suggests compulsory vaccination and the isolation of cases of small-pox. The vaccine lymph in use is reported good. Rupees 19-5-0 were spent on account of batta to mothers of vaccinated subjects for furnishing arm lymph as there is great difficulty in securing vaccine lymph for work. Complains that no travelling batta has been given to the Superintendent or Vaccinators, whilst it has been sanctioned in other districts. The conduct of the Vaccinators is reported good. The cost of each successful case has been Annas 4 and Pies 10.

TINNEVELLY DISTRICT.

In this district there are two circles with two Assistant Superintendents for the present, one being temporary appointment of Assistant.

TINNEVELLY CIRCLE.

The Assistant Superintendent reports 10,575 operations, including the work performed by the temporary staff, showing a small increase of 745 operations with 95.71 per cent. of success, the cost of each successful case being Annas 4 Pies 2. Had it not been for the prevalence of cholera more work would have been performed. The circles in this district were left without a Superintendent for one year and five months, the Vaccinators working directly under the orders of the Local Fund Board. The President having represented that the result of vaccination was not satisfactory from the want of professional supervision, the Superintendents were again reappointed; and as this Assistant had been promoted from a Vaccinator just then (1st January 1877), he was allowed to continue as an Assistant for a time and placed in charge of this circle. The only classes in this district who appreciate vaccination are the Native Christians, the Cummavur Naidus, and the Brahmins; the other classes of Hindus and the Lubbay Mahomedans are quite averse to it, and it is very difficult to convince these people of their superstitious veneration of small-pox, and to point out the advantages of vaccination. The ignorant not only refuse vaccination, but endeavor to obstruct the operation being performed

on others. On one occasion two persons who had obstructed vaccination from being carried out were prosecuted and fined by the Second-class Magistrate of the taluq Rupees 10 and 2 respectively. The ignorance on the subject is so great and determined that it cannot be overcome. The Superintendent suggests compulsion under the circumstance. Small-pox prevailed greatly in February last in the Tenkarai Taluq. The Superintendent with Vaccinators immediately proceeded to the locality and operated on as many of the unprotected as was possible. The various relief-camps were also visited and many of the unprotected were operated on. The vaccine lymph was good and effective throughout the year. 1,315 subjects under one year of age were vaccinated. 79 re-vaccinations were also performed. Rupees 12-11-4 was paid as batta to mothers for furnishing fresh vaccine lymph. There were no casualties among the Vaccinators. Their conduct was on the whole satisfactory.

SHERMADEVI CIRCLE.

The Assistant Superintendent reports 4,937 operations, showing, on a comparison with the work of the previous year, a small decrease of 753 operations from various causes. There was no Superintendent to this circle for some time; the man appointed did not join, and another had to be appointed in his place, who only took charge of the circle on the 1st April 1877. In the meantime the Vaccinators were working under the orders of the Assistant Superintendent of the Tinnevely Circle. The percentage of success was 96.25. The number of infants under one year of age vaccinated was 514. The cost of each successful case was Annas 4 Pies 7. One Vaccinator was transferred on promotion to the Tinnevely Circle, and the conduct of the Vaccinators was satisfactory.

TRICHINOPOLY DISTRICT.

In this district there is but one Superintendent, and he reports 20,096 operations during the year, and on comparison with the work of the previous year there is a large increase of 5,304 operations. Of the total 19,630 are successful, 313 unsuccessful, and 153 unknown. This large increase is attributed to the great assistance derived by the Vaccinators from the revenue and other officials of the district and the Superintendent believes the work would have been still larger but for some of the Vaccinators having been withdrawn for cholera duty for some time. The staff of Vaccinators was incomplete for about three months owing to the dismissal of two and the suspension of a third Vaccinator for disobedience of orders. There is much prejudice in parts of the district to vaccination. The assistance rendered by the village officials is not sufficient, and they do not submit to the operation themselves. Small-pox prevailed in an epidemic form in almost all the taluqs of the district during the year, and every lawful means was taken to check the further spread of the disease. It was virulent

in the taluqs of Kulitalay, Wudayarpalium and Trichinopoly. The vaccine lymph in use was good and effective. 2,077 subjects under one year of age were vaccinated, showing a small increase of 666 over the work of the previous year. The Superintendent is in favor of compulsory vaccination, and he also suggests that all boys admitted into schools should be compelled to produce a vaccination certificate ere admitted. The Superintendent suggests the employment of female Vaccinators in the district. He approves of the results system, but suggests that unless the work is more closely and effectively supervised by professional men, the result will not prove satisfactory and will only lead to speculation. He reports that the Vaccinators are satisfied with the new rules, and suggests that it would be better to give batta to Vaccinators than pay them for excess of numbers, as the limit of work fixed is much too low for that district compared to the work now executed, and he thinks the limit instead of being 50 and 30 should be 200 and 150 according to grade of the Vaccinator. No batta was paid to mothers for furnishing vaccine lymph during the year. The Superintendent alludes to the payment of batta to vaccinated subjects by the Municipality of Streerungum, which he thinks a good plan, but it should be restricted to the residents of the Municipality, instead of which the batta is paid indiscriminately and attracts the people from the district itself to the detriment of district vaccination, as the people refuse to submit to the Taluq Vaccinator, as he cannot pay them, but promise to go into the town, when convenient, and get paid for the operation. The Local Fund Board of the district purchased 500 copies of Vaccination Manuals in Tamil for distribution in the district. 56 vaccination certificates were granted to the candidates who appeared for examinations. The conduct of the Vaccinators, with two or three exceptions, is reported good. The cost of each successful case has been Annas 2 and Pies 11.

VIZAGAPATAM DISTRICT.

This district is divided into two ranges, and a Superintendent and Assistant Superintendent appointed to each; besides whom there is a Superintendent and staff of Vaccinators working in the Hill Tracts of Jeypore.

VIZAGAPATM RANGE.

The Assistant Superintendent reports 11,451 operations, with a percentage of 97.95. The work on comparison with that of the previous year shows a large increase of 4,676 operations, which are due chiefly to the exertions made by the Superintendent and the staff of Vaccinators. Very great prejudice against vaccination prevails throughout this range, and it is difficult to cope against the determined efforts the people make to resist the operation. None of the public servants of the district is vaccinated, more especially village officials, and he suggests that all children attending Government Branch, Grant-in-aid, Local Fund or Result Schools should not be admitted without

the presentation of a vaccination certificate, and this plan will greatly extend the benefits of vaccination among the people. Small-pox is reported to have prevailed in the third quarter of the year in the range, more especially in Bimlipatam and Vizagapatam; steps were immediately taken to arrest the spread of the disease. Cholera prevailed in the latter part of the year and Vaccinators were taken to attend to cholera patients. The vaccine lymph is reported good and effective. Complaints of the small salary of Second-class Vaccinators, which is barely sufficient to supply them with the necessities of life, and hopes the new rules, sanctioning batta and commission on numbers, may be soon introduced in the range to enable the Vaccinators to make better exertions for the future. Asks for the services of a peon. The female Vaccinator is reported to work well and give satisfaction. The conduct of the Vaccinators generally has been good. The Vaccinators in the Golcondah Taluq were guilty of fraud under the results system, and they were criminally prosecuted. Rupees 663-8-0 was paid as batta to mothers of vaccinated children. 185 subjects under one year of age were operated on during the year.

VIZIANAGARAM RANGE.

The total of operations is reported to be 15,242, with a percentage of 99·13 of success, showing a large increase of 5,563 operations over that of the previous year. The hindrances to the spread of vaccination are great. Cholera and small-pox were prevalent in most parts of the range, and interfered greatly with the spread of vaccination; but small-pox was arrested by the exertions of the Vaccinators from spreading further. The Superintendent suggests compulsory vaccination to overcome the prejudice that exists. 1,193 subjects under one year of age were operated on. The vaccine lymph was good and effective. Lymph was supplied to several medical and other officers. The conduct of the Vaccinators is reported good. One Vaccinator was prosecuted and punished for false work. Much assistance was obtained from the Tahsildars and village officials, to whose exertions the large increase is attributed, together with the exertions of the Vaccinators themselves. The work would have been much greater had the Vaccinators not been called away on cholera duty in the months of August, September, October, and November 1876, and in March 1877. The cost of each successful operation has been Annas 4 Pies 9.

CONSERVANCY ESTABLISHMENT.

There are 4 Serjeants and 3 Maistries employed under this head in this district, who are expected to carry on vaccination also in the cusbah stations to which they are attached, and between these seven men only 702 subjects were vaccinated during the year under notice. They work under the orders of the Superintendent of Vaccination. I think it quite a mistake, the mixing up of these two departments, neither of

which will work well, and the sooner they are relieved of the work of vaccination, the better will it be for conservancy, to which alone, if they can concentrate their attention, they will find quite enough to do without meddling with vaccination.

JEYPORE HILL TRACTS.

The Superintendent reports 3,375 operations against 3,384 of the previous year, with a small decrease of 9 operations. Of the total, 1,843 numbers were operated on by the zemindary staff. Objections to the spread of vaccination among the Khonds and Savaras exist owing to their rude and uncivilized habits. They cannot be pacified so as to accept the operations. The difficulties to contend with them are great at times. The very sight of the Vaccinators sends them off into the jungles, nor will they return to their huts till the Vaccinator leaves the locality, so that no opportunity is given the Vaccinator to plead the benefits of vaccination. Small-pox inoculation is in practice among the Oryah and other tribes, and there seems no way of putting it down. Small-pox has prevailed in parts of this tract about the end of the year. The vaccine lymph is reported good and genuine. No batta was paid to vaccinated subjects for furnishing vaccine lymph. The conduct of the Vaccinators was good. 457 subjects under one year of age were vaccinated during the year under notice. The cost of each successful case has been Rupees 1-4-4.

SUMMARY.

On reviewing the several reports of the Superintendents of Vaccination, those in charge of Bellary, Chingleput, Kurnool, Trichinopoly and South Arcot Districts, and Cuddapah, Madanapally, Cocanada, Guntoor, Madura, Dindigul, Nellore, Vellore, Tanjore, Negapatam, Tinnevely and Vizianagram Circles suggest that vaccination should be made compulsory. The Superintendents of the Bellary, Dindigul and Negapatam Circles suggest that small-pox patients should be segregated. Those of Cuddapah, Chetterpore, Cocanada and Nellore Circles and South Arcot District request that village authorities should be compelled to render all possible assistance to the Vaccinators, and that they be further required to submit themselves and their families to the operation, to set an example to the people. The Superintendents of Pennacondah, Masulipatam, Dindigul and Vizagapatam Circles and the Hill Tracts of Ganjam complain of the absence of peons to carry on the menial work of the office. Those of Masulipatam, Oosoor, Tanjore and Negapatam Circles represent that they receive no travelling or other batta, whilst the same indulgence is granted to the Superintendents of other districts and circles. The Superintendents of the Chingleput District and Pennacondah Circle complain of the insufficiency of the number of Vaccinators to carry out the work under their several charges. The Superintendents of the Malabar District and Guntoor and Vizagapatam Circles allude to the smallness of pay of the Second-class

Vaccinators. The Superintendents of Madura and Vizagapatam Circles and of the Madras and Trichinopoly Districts urge that all pupils attending public and aided or other schools should be required to produce vaccination certificates prior to admission. The Superintendent of the Salem Circle suggests that as village heads are required to keep birth and death registers, they should also keep a register of all vaccinated subjects in the village, and that, as an encouragement to the spread of vaccination, that a fee of 1 Rupee should be paid for every 50 cases of successful vaccination operated by the assistance of the headman of the village. The Superintendent of the South Canara District urges that the present temporary Vaccinators should be urged to become private Vaccinators when their services are dispensed with, and the Superintendents of Ghooty and Cuddapah ask that batta should be paid to vaccinated subjects for furnishing fresh arm lymph for transfer.

The vaccine lymph is reported good and effective throughout the Presidency, except in one or two districts, where the lymph failed owing to the employment of Vaccinators on cholera duty. Fresh supplies were sent to these localities, and the exchange of lymph from one district to another has assisted in re-establishing the working lymph.

Batta.—The Superintendents of Trichinopoly and those of Madura, Madanapally, Bellary, Pennacondah, Ghooty, Salem, Oosoor, Guntoor, Chetterpore, Chicacole Circles and the Hill Tracts of Jeypore did not find it necessary to pay batta to mothers for furnishing vaccine lymph, whether from want of provisions or otherwise it is not stated, whilst batta in the following sums was paid. In the Madras Collectorate Rupees 2,105-9-0, Chingleput Rupees 169-13-10, North Arcot Rupees 182-6-8, Coimbatore Rupees 0-8-0, South Arcot Rupees 1-4-0, Tanjore Rupees 48-4-6, Madura (Dindigul Circle) Rupees 73-10-11, Tinnevely Rupees 14-1-4, Cuddapah Rupees 5-4-0, Kurnool Rupees 2-15-0, Malabar Rupees 28-0-0, South Canara Rupees 10-5-1, Nellore Rupees 32-13-10, Kistna (Masulipatam Circle) Rupees 16-3-0, Godavery Rupees 222-14-6, Vizagapatam Rupees 1,603-3-0, and Rupees 4-8-0 in the Hill Tracts of Ganjam, thus making a total of Rupees 4,511-12-0 paid for batta during the year. The highest amount was paid in the Madras Collectorate and Vizagapatam District, which is accounted for by payment of $\frac{1}{2}$ Anna to each subject operated on in the former, and 1 Anna for each successful operation in the latter. The smallest sum, Annas 8, was paid in the Coimbatore District.

The cost of each successful operation varies as usual in the different districts. In the Cuddapah Circle the cost was highest, viz., Rupees 1-5-11, and the lowest in the South Canara District, 1 Anna and 4 Pies. In the Madras Collectorate the cost was Annas 3-10, and in the Hill Tracts of Jeypore and Ganjam it was Rupees 1-4-4 and Annas 7-4 respectively. The total average cost of each successful case for the whole Presidency was Annas 4 and Pies 11, which is less by 11 Pies than the cost during the previous year.

MILITARY CANTONMENTS.

BANGALORE.

A First-class Vaccinator (a male) and a Second-class (a female) worked during the year in this cantonment, and they show a total of 1,666 operations with a percentage of 95.27 of success, and the results in 80 cases were not ascertained. The total shows an increase of 470 cases when compared with the work of the previous year. The female Vaccinator operated on 759 cases of the number given above, and she appears to work steadily to the satisfaction of the Garrison Surgeon. The number of infantile vaccinations under one year of age was 635. The caste and sex of the operations are given below :—

	Males.	Females.
Europeans and East Indians	118	200
Hindus	732	440
Mahomedans	113	63
Total ...	963	703

SECUNDERABAD.

Two Vaccinators, one a First and the other a Second-class, have been at work throughout the year. They show a total of 2,986 operations with 94.76 per cent. of success, and the results in 170 cases are reported as unknown. The total shows a small increase of 57 cases over that of the previous year, comprising 1,214 males and 1,772 females. The number operated on under one year of age was 1,171. The sex and caste of the operations are as follow :—

	Males.	Females.
Europeans and East Indians	21	26
Hindus	959	1,337
Mahomedans	234	409
Total ...	1,214	1,772

KAMPTEE.

One Second-class Vaccinator worked during the year in this cantonment. He reports 588 operations with a percentage of 88.82 of success, and the results of 42 cases were not ascertained. The total shows a marked decrease of 610 cases below that of the former year, for which no

explanation is given. The number of children vaccinated under one year of age was 271. The caste and sex are given under :—

					Males.	Females.
Europeans and East Indians	...	...	...	...	1	2
Hindus	...	...	...	...	270	245
Mahomedans	...	...	...	...	46	24
Total ...					317	271

ZEMINDARIES.

Four Zemindaries, Pittapore in the Godavery, Jeypore in Vizagapatam, Venkatagerry in Nellore, and Arnee Jaghire in the North Arcot District continue to employ 14 Vaccinators between them. Their collective work amounts to 3,847 operations with a success of 90·29 per cent., and the total shows a decrease of 398 cases when compared with the work of the former year. The particulars of work in these Zemindaries are given below :—

Zemindaries.	Districts.	Number of Vaccinators.	Caste.				Sex.			Successful.	Unsuccessful, including Doubtful.	Unknown.	Percentage of success.	Infants.
			Christians.	Hindus.	Mahomedans.	Other Castes.	Males.	Females.	Total.					
Jeypore	Vizagapatam.	10	...	151	...	1,692	1,079	764	1,843	1,528	189	126	88·99	277
Pittapore	Godavery	2	3	945	17	...	594	371	965	799	117	49	87·22	8
Venkatagerry.	Nellore	1	...	582	41	...	324	299	623	571	8	44	98·61	79
Arnee Jaghire.	North Arcot.	1	...	370	44	2	232	184	416	357	36	23	90·83	60
Total ...		14	3	2,048	102	1,694	2,229	1,618	3,847	3,255	350	242	90·29	424

CIVIL DISPENSARIES.

One Vaccinator worked in the Old Town of Cuddalore during the year under the medical officer in charge of the institution. He reports 87 operations with a percentage of 88·50 of success during 7 months of the year, and the returns for five months have not been received at this office. The particulars of the work are given below :—

	Number of Vaccinators.	Caste.				Sex.			Successful.	Unsuccessful.	Unknown.	Percentage.	Infants.
		Christians.	Hindus.	Mahomedans.	Other Castes.	Males.	Females.	Total.					
Old Town, Cuddalore.	1	...	72	7	8	42	45	87	77	10	...	88·50	12
Total ...	1	...	72	7	8	42	45	87	77	10	...	88·50	12

MUNICIPALITIES.

There are in all 46 Municipalities with 54 Municipal Vaccinators according to our register. No returns from the Municipalities of Berhampore, Calicut, Cannanore, Cochin, Caroor, Coonoor, Erode, Ootacamund, Palghaut, Srirungum and Tellicherry have been received at this office, nor is this department aware of the employment of Vaccinators in some of these Municipalities. During the year the Municipalities of Cumbum and Ghooty in the Kurnool and Bellary Districts have been abolished. The monthly returns of the work of Vaccinators in the Municipalities of Vizagapatam, Cocanada, and Cuddapah have not been received from April to September 1876. In October last, when the Superintendents of Vaccination were directed to assume professional supervision of municipal work under the new vaccination rules, the returns were then obtained for the remaining six months. The returns from the following Municipalities—Ellore for June, Guntoor for June and December, Trichinopoly for June, Mayaveram for August and September, Palamcottah for October and November—have not been received. As far as the receipt of returns shows, the work performed in the 46 Municipalities amounts to 41,172 operations, showing a large increase of 12,057 cases over that of the previous year. In Trichinopoly the Vaccinators were employed on cholera duty for some time, and in the town of Salem of the 3 Municipal Vaccinators 1 seems to have been employed exclusively in attending to the sick in the town throughout the year. The cost of vaccination was not stated in some of the returns. The particulars of the work done by the Municipalities are given in the accompanying statement :—

REPORT ON VACCINATION.

Municipalities.	Number of Vaccinators.	Caste.				Sex.			Successful.	Unsuccessful.	Unknown.	Percentage of success, excluding those unknown from the Total.	Infants.
		Christians.	Hindus.	Mahomedans.	Other Castes.	Males.	Females.	Total.					
Chiccacole ...	1	8	183	8	...	160	49	199	143	56	...	71.85	5
Bimlipatam ...	1	6	333	9	...	208	140	348	339	9	...	97.41	22
Vizagapatam ...	2	...	46	16	7	67	12	69	60	18	1	84.74	2
Viziangram ...	1	5	693	13	...	364	357	711	628	45	38	93.31	71
Cocanada ...	1	11	656	9	...	381	295	793	573	51	69	79.14	10
Rajahmundry ...	1	4	267	26	32	210	119	338	254	59	25	81.15	71
Ellore ...	1	...	224	108	...	154	178	332	246	53	28	80.92	10
Masulipatam ...	1	20	459	74	...	326	227	553	531	20	2	94.55	48
Guntur ...	1	12	954	228	...	673	521	1,194	872	99	223	89.90	42
Nellore ...	1	71	1,777	118	...	1,092	874	1,966	1,875	31	60	98.37	159
Conjeveram ...	2	1	853	11	...	449	416	865	762	45	58	94.42	97
Vellore ...	2	17	1,725	696	...	1,111	1,327	2,438	2,331	54	53	97.73	349
Wallajahpet ...	1	...	96	66	54	103	113	216	209	7	...	96.75	42
Trichinopoly ...	4	52	1,247	259	...	848	710	1,558	1,277	212	69	85.76	438
Tanjore ...	2	16	955	70	...	653	388	1,041	1,005	32	4	96.91	167
Mayavaram ...	1	...	595	6	...	297	314	601	547	30	24	94.80	128
Nagapatnam ...	4	16	731	283	...	506	524	1,030	899	120	11	88.22	155
Combeconum ...	1	3	1,355	24	...	810	572	1,382	1,017	112	253	90.07	472

Mannargoody ...	1	3	439	6	...	231	217	448	419	24	5	94.68	40
Madura ...	3	7	2,814	143	18	1,658	1,324	2,982	1,971	399	612	88.16	18
Dindigul ...	1	23	1,504	113	...	945	695	1,640	1,557	31	52	98.04	228
Tinnevely ...	2	...	668	52	...	377	343	720	662	51	7	92.84	113
Palamcottah ...	1	6	251	12	...	155	114	269	232	19	18	92.48	45
Tuticorin ...	1	340	336	14	...	373	317	690	558	72	60	88.57	109
Cuddapah ...	1	28	399	105	2	362	172	534	307	119	108	74.41	45
Kurnool ...	1	4	198	196	...	211	187	398	337	56	5	85.75	81
Bellary ...	3	102	616	425	252	719	676	1,395	1,154	234	7	82.41	709
Anantapur ...	1	1	241	97	2	203	138	341	327	11	3	96.74	202
Adoni ...	1	...	471	246	13	414	316	730	706	19	5	97.37	347
Salem ...	3	37	1,139	95	...	707	564	1,271	1,141	72	58	94.06	479
Coimbatore ...	1	9	1,378	107	9	811	692	1,503	1,417	68	18	95.42	583
Mangalore ...	2	4,291	3,574	1,105	...	5,317	3,653	8,970	8,296	502	172	93.84	651
Secunderabad ...	2	22	1,980	329	11	1,468	876	2,342	2,099	31	212	98.54	1,492
Chidambaram ...	1	5	309	19	...	175	158	333	312	15	6	95.41	16
Cuddalore ...	1	44	889	39	...	447	525	972	869	81	22	91.47	32
Total ...	54	6,164	30,355	5,127	400	22,943	18,103	41,046	35,922	2,962	2,288	92.38	7,498

REPORT ON VACCINATION.

RAILWAYS.

The Railway Apothecaries performed 57 operations during the year, with a percentage of 85.96 of success, and the results in 8 cases were unsuccessful. No work was performed by these men during the previous year. The number of infants operated on under one year of age was 7.

MEDICAL SUBORDINATES.

The medical subordinates show a total of 15,753 operations during the year under review. On comparison with the work of the previous year there is a large increase of 4,721 cases with a success of 62.70 per cent., and the results in 518 cases were not ascertained. The general monthly returns for four months* from Southern Districts, two months † from Hyderabad Subsidiary Force, and one month ‡ from the Presidency and Northern Divisions have not been received at this office. If the work of these months is included, the increase would have been greater than that shown at present. First-class Hospital Assistant Shaik Madar, No. 639, operated on the largest number, viz., 817 operations. Of these 557 were successful. Next to him stands Second-class Hospital Assistant P. Doorgiah, No. 666. His operations amount to 787. The medical subordinates who show over a 100 operations each are the following:—

Medical Subordinates.

Rank and Name.	General Number.	Stations.	Number vaccinated.	Successful.	Ratio Percentage of success.
First-class Hospl. Asst. Shaik Madar ...	639	Jail, Chittoor ...	817	557	68.17
Second-class do. P. Doorgiah ...	666	Do. Cuddapah ...	787	433	55.01
First-class do. A. Coopooosamy...	595	Do. Chingleput ...	704	19	2.69
Do. C. Ramoony ...	516	District Jail, Calicut.	686	488	71.13
Third-class do. C. Narrainsamy.	967	Jail Hospl., Bellary.	625	18	2.88
Assistant Apothecary D. F. O'Keefe ...	...	H. M.'s Penitentiary, Madras.	546	103	18.86
First-class Hospl. Asst. P. Ragava Row...	471	Jail Hospital, Cuddalore.	389	216	55.52
First-class Apothecary W. McKenzie ...	...	Cantonment Hospital	382	287	71.13
Second-class Hospl. Asst. P. Appavoo ...	845	H. M.'s Penitentiary, Madras.	375	65	17.33

* From December 1876 to March 1877.

† April and November 1876.

‡ February 1877.

Rank and Name.	General Number.	Stations.	Number vaccinated.	Successful.	Ratio percentage of success.
Third-class Hospl. Asst. P. Peroomaul ...	954	District Jail, Palamcottah.	322	307	95.34
Do. do. Janardensingh ...	1,037	Jail, Chingleput ...	312	60	19.23
First-class do. T. Madooranayagam.	156	Central Jail, Salem.	305	252	82.62
Third-class do. M. Coopooosamy...	927	Town, Vellore ...	274	229	83.57
Do. do. C. Francis ...	922	Central Jail, Salem.	271	229	84.5
Do. do. A. E. Simon ...	1,014	H. M.'s Light Cavalry.	230	190	82.6
Second-class do. H. N. R. Peter ...	708	Mangalore ...	229	158	21.99
First-class do. A. Paul ...	635	Tellicherry ...	227	127	55.5
Do. do. V. Narrainsamy.	438	Civil Dispensary, Vellore.	211	160	75.82
Do. do. V. Venkatasamy.	397	31st L. I., Kamptee.	178	126	70.78
Apothecary H. Boon ...	...	3rd District ...	177	55	31.07
Second-class do. P. Moothookrishnen.	742	35th Regiment N. I., Kamptee.	170	126	74.11
Civil Medical Pupil Patchayappa Moodelly.	...	Civil Dispensary, Vellore.	164	160	97.56
Second-class Hospl. Asst. A. Soosanaden..	765	Jail, Vellore ...	163	36	22.08
Third-class do. S. Chinnasamy Naidoo.	1,047	27th Regiment, Bellary.	151	112	74.17
First-class do. Chettersingh ...	224	Jail, Chittoor ...	146	113	77.39
Third-class do. A. David ...	826	30th Regt., French Rocks.	131	128	97.7
Do. do. G. Yetherajooloo.	875	Central Jail, Vellore.	129	7	5.42
Second-class do. P. Marisamy ..	868	Do. do. Coimbatore.	123	68	55.28
Third-class do. V. Soobrayen ...	909	1st M. L. I. ...	121	120	99.17
Do. do. A. Amcoorthanathan	901	Do. do. ...	121	102	84.29
Second-class do. J. Francis ...	761	Vellore Town ...	120	101	84.16
Assistant Apothecary T. A. S. Connor.	...	Cantonment Hospl., Kamptee.	106	80	75.47

(Signed) JOHN SHORTT, M.D., Surgeon-Major,
Inspector of Vaccination,
Madras Presidency.

OFFICE OF INSPECTOR OF VACCINATION,
MADRAS PRESIDENCY,
MADRAS, 2nd August 1877.

APPENDICES.

of Superintendence in the Madras Presidency during the Year 1876-77.

8													9				10		11
PRIMARY VACCINATIONS.													REVACCINATIONS.				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.			Total.	Results.						
Males.	Females.	Christians.	Hindus.	Mahomedans.	Parsees.	Other Castes.	Under one Year of Age.	Above one Year of Age.	Successful.	Unsuccessful, including Doubtful.	Unknown.		Successful.	Unsuccessful, including Doubtful.	Unknown.	Total.			
1,263	431	188	1,468	38	...	...	87	1,607	1,302	1	391	1,694	...	...	...	...	99-92	...	1,694
30,315	19,486	2,263	45,158	2,380	...	...	3,607	46,194	19,491	1,068	29,242	49,801	...	...	...	...	94-80	...	2,075
5,411	3,932	160	8,861	322	...	...	1,089	8,254	8,068	536	316	8,920	202	140	81	423	93-76	59-00	718
5,966	4,896	60	9,921	611	...	270	1,150	9,712	10,245	297	231	10,773	87	2	...	89	97-18	97-75	543
3,613	3,343	...	6,295	612	...	49	957	5,999	6,604	258	90	6,952	4	...	...	4	96-24	100	869
9,024	8,034	825	15,631	602	...	...	1,852	15,206	16,502	224	328	17,054	4	...	...	4	98-66	100	1,137
10,266	9,830	51	19,795	247	...	3	2,077	18,019	19,626	313	153	20,092	4	...	...	4	98-43	100	1,182
5,336	4,385	...	9,304	417	...	...	713	9,008	8,472	484	765	9,721	...	...	...	...	94-59	...	486
4,564	4,336	9	8,794	97	...	...	658	8,242	7,791	312	619	8,752	71	53	24	148	95-83	57-25	593
12,025	10,882	3	20,783	1,302	...	819	4,742	18,165	20,305	683	1,884	22,872	33	2	...	35	96-74	94-28	954
8,554	7,499	150	15,240	610	...	53	4,551	11,502	15,577	193	278	16,048	4	1	...	5	98-77	80	1,337
5,740	4,835	3	10,447	125	...	...	1,315	9,260	9,337	451	708	10,496	58	10	11	79	94-37	85-29	705
2,645	2,292	11	4,828	90	...	8	514	4,423	4,260	166	501	4,927	10	...	...	10	96-24	100	617
2,016	1,217	21	2,617	337	...	258	182	3,051	2,475	569	189	3,233	...	...	...	...	81-30	...	215
1,690	1,251	2	2,599	340	...	...	111	2,830	2,240	263	437	2,940	1	...	...	1	89-49	100	327
2,029	1,333	7	2,579	527	...	249	334	3,028	2,898	255	209	3,362	...	...	...	...	91-91	...	306
4,114	3,674	3	6,713	859	...	213	1,914	5,874	6,821	393	569	7,783	4	1	...	5	75-14	80	599
2,239	1,991	2	3,639	360	...	229	1,055	3,175	3,671	190	222	4,083	11	106	30	147	95-07	9-40	1,057
2,071	1,803	7	3,274	392	...	201	1,350	2,524	3,393	226	242	3,861	9	3	1	13	93-75	75	775
5,651	4,897	8	10,176	364	...	...	1,076	9,472	9,724	334	487	10,545	3	...	...	3	96-67	100	505
3,585	3,607	1	7,107	84	...	...	535	6,657	6,153	439	600	7,192	...	...	...	...	93-34	...	599
12,242	11,905	19	23,371	546	...	211	5,874	18,273	21,738	764	811	23,313	527	262	45	834	96-60	66-66	2,195
6,813	2,172	26	6,967	1,982	...	10	32	8,953	7,929	379	677	8,985	...	...	...	...	87-77	...	816
22,873	16,467	4,186	30,166	4,940	...	48	900	38,440	36,309	868	1,489	38,666	593	62	19	674	97-66	90-53	1,967
8,475	7,840	3	15,240	1,072	...	...	872	15,443	14,886	208	598	15,692	522	57	44	623	98-60	90-15	1,485
4,739	4,096	19	8,150	665	...	1	277	8,558	8,247	181	405	8,833	2	...	...	2	97-85	100	803
1,218	1,066	2	1,482	157	...	643	207	2,077	1,927	173	175	2,275	3	1	5	9	91-76	75	326
2,035	1,743	3	3,293	270	...	212	407	3,371	3,327	252	194	3,773	...	5	...	5	92-90	100	630
3,684	2,506	...	6,135	55	...	...	219	5,971	5,099	692	399	6,190	...	...	...	...	88-05	...	516
2,175	1,906	1	4,001	79	...	...	220	3,861	3,144	550	387	4,081	...	...	...	...	85-11	...	583
5,680	5,771	9	10,080	190	...	1,172	916	10,505	11,089	229	23	11,341	105	5	...	110	97-99	95-45	716
7,634	7,608	1	13,387	21	...	1,833	1,193	14,049	15,006	125	22	15,153	83	6	...	89	99-10	84-26	847
923	609	...	93	...	...	1,439	180	1,352	1,275	145	112	1,532	...	...	...	...	89-78	...	255
2,570	1,977	8	4,490	49	...	...	80	4,467	4,023	393	131	4,547	...	...	...	...	91-10	...	390
1,786	1,677	1	3,460	2	...	...	141	3,322	3,061	294	108	3,463	...	...	...	...	91-25	...	384
2,371	2,284	...	2,145	3	...	2,507	248	4,407	4,503	43	109	4,655	...	...	...	...	93-05	...	...
213,335	173,581	8,052	347,689	20,747	...	10,428	41,665	345,251	326,518	12,981	44,101	383,600	2,340	716	260	3,316	96-14	76-57	847

CANTONMENTS.

963	703	318	1,172	176	...	...	635	1,031	1,363	30	31	1,424	148	45	49	242	97-84	76-68	833
1,214	1,772	47	2,296	643	...	...	1,171	1,815	2,667	149	170	2,986	...	...	...	1	94-76	...	1,493
317	271	3	515	70	...	...	271	317	484	61	42	587	1	...	...	1	88-80	100	568
2,494	2,746	368	3,983	889	...	...	2,077	3,163	4,514	240	243	4,997	149	45	49	242	95-94	76-80	1,048

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

1	2		3		4		5	6	7
Name and Rank of Superintendents.	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 the last Column.	Name of the District or Zillah.
	1876-77.	1875-76.	1876-77.	1875-76.	1876-77.	1875-76.			
TEMPORARY									
Meer Hyder	1	1	7	5	2,482	945	Dindigul Circle ... ..	.....	Madura
Syed Abdoolaziz	1	1	4	4	5,087	6,076	Coimbatore District ... ..	.....	Coimbatore
D. Bapaniah	1	1	7	7	2,847	1,022	Masulipatam Circle ... ..	.....	Kistna District
Ponnen Cannen	1	1	4	8	1,189	2,383	Malabar District ... ..	.....	Malabar do.
Joseph Williams	1	...	10	...	4,713	...	South Canara District ... ..	.....	South Canara
Total ...	...	...	32	24	16,318	10,426	.....	.....	.....
PRIVATE									
P. Vartharajooloo	1	1	2	2	391	548	Ongole Circle ... ..	.....	Nellore District
Syed Abdoolaziz	1	1	4	4	2,295	5,059	Coimbatore District ... ..	.....	Coimbatore
Ponnen Cannen	1	1	1	2	97	48	Malabar do. ... ..	.....	Malabar
O. Cundasawmy Reddi	1	1	2	4	265	209	Jeypore Hill Tracts, Vizagapatam District ... ..	.....	Jeypore Hill Tracts
Total ...	...	...	9	12	3,048	5,864	.....	.....	.....
ZEMINDARY									
O. Cundasawmy Reddi	1	1	10	8	1,843	1,903	Jeypore Hill Tracts, Vizagapatam District ... ..	.....	Jeypore Hill Tracts
K. Parthasarthy	1	1	2	2	965	1,172	Pittapoor, Cocanada Circle ... ..	.....	Godavery District
C. N. Ramasawmy	1	1	1	1	623	639	Venkatagherry, Nellore Circle ... ..	.....	Nellore
K. Vartharajooloo	1	1	1	1	416	531	Arnee Jaghire, North Arcot District ... ..	.....	North Arcot
Total ...	...	...	14	12	3,847	4,245	.....	.....	.....
PRICE									
Teroovengada Pillay	1	...	4	4	2,138	2,498	Oosoor Circle ... ..	.....	Salem
Total ...	1	...	4	4	2,138	2,498	.....	.....	.....
RESULT SYSTEM									
Mohomed Ibrahim	1	1	4	4	3,659	5,268	South Arcot District ... ..	.....	South Arcot
Total ...	1	1	4	4	3,659	5,268	.....	.....	.....

of Superintendence in the Madras Presidency during the Year 1876-77—continued.

8													9				10		11
PRIMARY VACCINATIONS.													REVACCINATIONS.				Percentage of Successful Cases excluding those Unknown from the Total.		Average Number of Persons vaccinated by each Vaccinator.
A.		B.					C.						A.	B.	C.	D.	In Primary Vaccination.	In Secondary Vaccination.	
Sex.		Caste.					Age.		Results.			D.	Results.						
Males.	Females.	Christians.	Hindus.	Mahomedans.	Parsees.	Other Castes.	Under one Year of Age.	Above one Year of Age.	Successful.	Unsuccessful, including Doubtful.	Unknown.	Total.	Successful.	Unsuccessful, including Doubtful.	Unknown.	Total.			

VACCINATORS.

1,320	1,162	24	2,457	1	...	...	541	1,941	2,328	180	24	2,482	...	...	...	...	94.71	...	354
2,666	2,421	1	5,005	81	...	...	1,074	4,016	4,764	151	173	5,087	...	...	...	...	96.92	...	1,271
1,519	1,328	1	1,928	52	...	866	170	2,677	2,549	163	182	2,843	4	...	...	4	94.02	100	407
938	251	4	926	259	...	...	...	1,159	1,062	65	62	1,189	...	...	...	...	94.23	...	297
2,612	2,101	1,482	2,798	433	...	...	101	4,612	4,109	208	380	4,697	16	...	...	16	95.18	100	471
9,055	7,263	1,512	13,114	826	...	866	1,886	14,432	14,812	716	770	16,298	20	...	...	20	95.42	100	510

VACCINATORS.

202	189	...	342	4	...	45	49	242	383	7	1	391	...	...	...	...	98.20	...	195
1,129	1,166	3	2,269	23	...	...	798	1,489	2,070	150	75	2,295	...	...	...	...	93.19	...	573
63	34	...	85	12	...	...	...	97	85	4	8	97	...	...	...	...	86.51	...	97
117	148	...	265	...	...	...	...	265	257	8	...	265	...	...	...	...	96.98	...	132
1,511	1,537	3	2,961	39	...	45	845	2,203	2,795	189	84	3,048	...	...	...	...	94.29	...	338

VACCINATORS.

1,079	764	...	151	...	...	1,692	277	1,566	1,528	189	126	1,843	...	...	...	...	88.99	...	184
594	371	3	945	17	...	...	8	957	799	117	49	965	...	...	...	...	87.22	...	482
324	299	...	582	41	...	...	79	544	571	8	44	623	...	...	...	...	98.61	...	623
232	184	...	370	44	...	2	60	358	357	36	23	416	...	...	...	...	90.83	...	416
2,229	1,618	3	2,048	102	...	1,694	424	3,423	3,255	350	242	3,847	...	...	...	...	90.29	...	278

VACCINATORS.

1,078	1,060	...	2,090	48	...	...	156	1,982	1,619	254	265	2,138	...	...	...	...	86.43	...	534
1,078	1,060	...	2,090	48	...	...	156	1,982	1,619	254	265	2,138	...	...	...	...	86.43	...	534

VACCINATORS.

2,000	1,659	43	3,572	44	...	...	204	3,455	3,330	303	26	3,659	...	...	...	...	91.65	...	914
2,000	1,659	43	3,572	44	...	...	204	3,455	3,330	304	26	3,659	...	...	...	...	91.65	...	914

APPENDIX TO VACCINATION REPORT.

A.

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

1	2		3		4		5	6	7
Name and Rank of Superintendents.	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 the last Column.	Name of the District or Zillah.
	1876-77.	1875-76.	1876-77.	1875-76.	1876-77.	1875-76.			
CONSERVANCY									
Narsimooloo	1	...	4	...	519	...	Vizagapatam Range ... ..	.....	Vizagapatam
P. Kotalingum	1	...	3	...	188	...	Vizianagrum ... ..	.....	do.
Total ...	2	...	7	...	702	...	.....	.....	.....
RAILWAY									
Railway Apothecary	...	...	...	...	57	...	Railway Lines ... ..	.....	.....
Total ...	...	...	...	...	57	...	.....	.....	.....
MEDICAL									
.....	...	...	...	...	6,508	5,441	Presidency, Centre & Northern Distts...	.....	.....
.....	...	...	...	...	3,541	2,897	Southern Division ... ..	.....	.....
.....	...	...	...	...	2,604	1,896	Mysore and Ceded District ... ..	.....	.....
.....	...	...	...	...	1,681	...	Hyderabad Subsidiary Force ... ..	.....	.....
.....	...	...	...	...	1,365	758	Nagpore Force ... ..	.....	.....
.....	...	...	...	...	164	89	Pegu Division ... ..	.....	.....
Total ...	...	...	...	...	15,753	11,082	.....	.....	.....
MUNICI									
.....	...	...	1	1	199	113	Chicaole Municipality ... ..	.....	Ganjam District
.....	...	...	1	1	343	273	Bimlipatam do. ... ..	.....	Vizagapatam do.
.....	...	...	2	2	69	304	Vizagapatam do. ... ..	.....	Do. do.
.....	...	...	1	1	711	698	Vizianagrum do. ... ..	.....	Do. do.
.....	...	...	1	1	798	425	Cocanada do. ... ..	.....	Godavery do.
.....	...	...	1	1	338	413	Rajahmundry do. ... ..	.....	Do. do.
.....	...	...	1	1	332	407	Ellore do. ... ..	.....	Do. do.
.....	...	...	1	1	553	645	Masulipatam do. ... ..	.....	Kistna do.
.....	...	...	1	1	1,194	624	Guntoor do. ... ..	.....	Do. do.
.....	...	...	1	1	1,966	1,019	Nellore do. ... ..	.....	Nellore do.
.....	...	...	2	2	865	1,151	Conjeveram do. ... ..	.....	Chingleput do.
.....	...	...	2	2	2,423	1,174	Vellore do. ... ..	.....	North Arcot do.
.....	...	...	1	1	216	109	Wallajahpett do. ... ..	.....	Do. do.
.....	...	...	4	4	1,558	2,315	Trichinopoly do. ... ..	.....	Trichinopoly do.
.....	...	...	2	2	1,041	901	Tanjore do. ... ..	.....	Tanjore do.
.....	...	...	1	1	601	632	Mayavaram do. ... ..	.....	Do. do.
.....	...	...	4	1	1,030	406	Nagapatam do. ... ..	.....	Do. do.
.....	...	...	1	1	1,862	1,611	Combaconum do. ... ..	.....	Do. do.
.....	...	...	1	1	448	299	Munargoody do. ... ..	.....	Do. do.
.....	...	...	3	3	2,982	2,660	Madura do. ... ..	.....	Madura do.
.....	...	...	1	1	1,640	1,749	Dindigul do. ... ..	.....	Do. do.
.....	...	...	2	2	720	439	Tinnevelly do. ... ..	.....	Tinnevelly do.

of Superintendence in the Madras Presidency during the Year 1876-77—continued.

8													9				10		11
PRIMARY VACCINATIONS.													REVACCINATIONS.				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.			Total.	Results.						
Males.	Females.	Christians.	Hindus.	Mahomedans.	Parsees.	Other Castes.	Under one Year of Age.	Above one Year of Age.	Successful.	Unsuccessful, including Doubtful.	Unknown.		Successful.	Unsuccessful, including Doubtful.	Unknown.	Total.			
270	249	2	488	17	...	12	17	502	452	...	...	452	67	...	...	67	100	100	129
80	103	...	152	...	...	31	9	174	171	2	2	175	8	...	...	8	98.84	100	61
350	352	2	640	17	...	43	26	676	623	2	2	627	75	...	...	75	99.68	100	100
ESTABLISHMENT.																			
29	28	14	37	6	...	...	7	50	49	8	...	57	...	...	...	...	85.96	...	57
29	28	14	37	6	...	...	7	50	49	8	...	57	...	...	...	...	85.96	...	57
APOTHECARIES.																			
SUBORDINATES.																			
5,215	1,293	341	5,194	973	...	...	458	6,055	3,367	2,940	201	6,508	...	...	...	...	53.38	...	...
3,165	376	18	2,927	596	...	...	186	3,355	2,640	714	187	3,541	...	...	...	...	78.71	...	...
2,154	450	88	1,969	547	...	...	392	2,212	1,248	1,286	70	2,604	...	...	...	...	49.24	...	...
1,032	549	49	1,074	458	...	...	765	816	1,243	290	48	1,681	...	...	...	...	81.08	...	...
904	461	29	809	587	...	...	399	966	955	398	12	1,365	...	...	...	...	70.58	...	...
134	20	8	102	44	...	...	28	126	100	54	...	154	...	...	...	...	64.93	...	...
12,604	3,149	533	12,075	3,145	...	...	2,223	13,530	9,553	5,682	518	15,753	...	...	...	...	62.70	...	...
PALITIES.																			
150	49	8	183	8	...	...	5	194	143	56	...	199	...	...	...	...	71.85	...	199
208	140	6	333	9	...	...	22	326	339	9	...	348	...	...	...	...	97.41	...	348
57	12	...	46	16	...	7	2	67	50	18	1	69	...	...	...	...	84.74	...	34
354	357	...	693	13	...	...	71	640	601	29	19	649	27	16	19	62	95.39	62.79	711
381	295	11	656	9	...	...	10	666	573	151	69	793	76	20	21	117	79.14	79.16	793
210	119	4	267	26	...	32	71	258	254	59	25	338	6	3	...	9	81.15	66.66	338
154	178	...	224	108	...	...	10	322	246	58	28	332	...	...	...	...	80.92	...	332
326	227	20	459	74	...	...	48	505	527	20	2	549	4	...	...	4	96.34	100	553
673	521	12	954	228	...	...	42	1,152	872	99	223	1,194	...	...	...	...	89.90	...	1,194
1,092	874	71	1,777	118	...	...	159	1,807	1,644	27	17	1,688	231	4	43	278	98.38	98.29	1,966
449	416	1	853	11	...	...	97	768	762	45	58	865	...	...	...	...	94.42	...	432
1,111	1,327	17	1,725	696	...	...	349	2,089	2,331	54	53	2,438	...	...	...	...	97.73	...	1,219
103	113	...	96	66	...	54	42	174	209	7	...	216	...	...	...	...	96.75	...	216
848	710	52	1,247	259	...	...	488	1,120	1,277	212	69	1,558	...	...	...	...	85.76	...	329
653	388	16	955	70	...	...	187	854	999	19	3	1,021	6	13	1	20	98.13	31.57	520
287	314	...	595	6	...	...	128	473	547	30	24	601	...	...	...	...	94.80	...	601
506	524	16	731	283	...	...	155	875	890	111	11	1,012	9	9	...	18	88.91	50	257
810	572	3	1,355	24	...	...	472	910	1,017	112	253	1,382	...	...	...	...	90.07	...	1,382
231	217	3	439	6	...	...	40	408	419	24	5	448	...	...	...	...	94.58	...	448
1,658	1,324	7	2,814	143	...	18	823	2,159	1,971	399	612	2,982	...	...	...	...	83.16	...	994
945	695	23	1,504	113	...	...	228	1,412	1,557	31	52	1,640	...	...	...	...	98.04	...	1,640
377	343	...	668	52	...	...	113	607	662	51	7	720	...	...	...	...	92.84	...	360

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

1	2		3		4		5				6	7
Name and Rank of Superintendents.	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 the last Column.	Name of the District or Zillah.
	1876-77.	1875-76.	1876-77.	1875-76.	1876-77.	1875-76.						
MUNICIPALITY												
.....	...	...	1	1	269	343	Palamcottah Municipality	...	...	...	Tinnevely District	...
.....	...	...	1	1	690	889	Tuticorin do.	...	...	...	Do. do.	...
.....	...	...	1	1	534	160	Cuddapah do.	...	...	...	Cuddapah do.	...
.....	...	...	1	1	398	415	Kurnool do.	...	...	...	Kurnool do.	...
.....	...	...	3	3	1,395	1,137	Bellary do.	...	...	...	Bellary do.	...
.....	...	...	1	1	341	157	Anantapoor do.	...	...	...	Do. do.	...
.....	...	...	1	1	730	812	Adoni do.	...	...	...	Do. do.	...
.....	...	...	3	3	1,271	769	Salem do.	...	...	...	Salem do.	...
.....	...	...	1	1	1,503	1,640	Coimbatore do.	...	...	...	Coimbatore do.	...
.....	...	...	2	1	8,970	1,796	Mangalore do.	...	...	...	South Canara do.	...
.....	...	...	2	2	2,342	1,595	Secunderabad do.	...	...	...	Secunderabad do.	...
.....	...	...	1	1	333	273	Chidumbrum do.	...	...	...	South Arcot do.	...
.....	...	...	1	...	972	...	Cuddalore do.	...	...	...	Do. do.	...
Total ...	...	...	54	49	41,172	28,688	.....	...	...	...	.....	.....
.....	...	...	...	...	96	13	Hospital Assistant, Amindivi Islands.	...	...	...	South Canara District	...
.....	...	...	...	...	66	29	Hospital Assistant, Pulney Hills	...	...	...	Madura do.	...
Total ...	...	...	...	...	162	51	.....	...	...	...	.....	.....
.....	...	...	1	1	1,062	...	Nilgiri Hills, Ootacamund	...	...	...	Coimbatore District	...
.....	...	...	1	1	1,399	...	Nilgiri Hills, Coonoor	...	...	...	Do. do.	...
Total ...	...	...	2	2	2,461	...	.....	...	...	...	.....	.....
.....	...	...	1	...	1,632	...	Red Hills Famine Relief Camp	...	...	...	Chingleput District	...
Grand Total ...	...	...	568	508	483,105	379,559	.....	...	...	...	.....	.....

N.B.—The sex, caste, and age of 126 operations in the work of

of Superintendence in the Madras Presidency during the Year 1876-77—continued.

8													9				10		11
PRIMARY VACCINATION.													RE-VACCINATION.				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.			
Sex.		Caste.					Age.		Results.				Results.						
Males.	Females.	Christians.	Hindus.	Mahomedans.	Parsees.	Other Castes.	Under one Year of Age.	Above one Year of Age.	Successful.	Unsuccessful, including Doubtful.	Unknown.		Successful.	Unsuccessful, including Doubtful.	Unknown.	Total.	In Primary Vaccination.	In Secondary Vaccination.	
155	114	6	251	12	...	...	45	224	221	18	18	257	11	1	...	12	92.46	91.66	269
373	317	340	336	14	...	...	109	581	550	70	60	680	8	2	...	10	88.70	80	690
362	172	28	399	105	...	2	45	489	307	119	108	534	...	...	...	...	74.41	...	534
211	187	4	198	196	...	...	81	317	337	56	5	398	...	...	...	...	85.75	...	398
719	676	102	616	425	...	252	709	686	1,154	234	7	1,395	...	...	...	...	82.41	...	465
203	138	1	241	97	...	2	202	139	325	8	2	335	2	3	1	6	97.53	40	341
414	316	...	471	246	...	13	347	383	701	19	5	725	5	...	...	5	97.36	100	730
707	564	37	1,139	95	...	...	479	792	1,116	64	56	1,236	25	8	2	35	94.57	75.75	423
811	692	9	1,378	107	...	9	583	920	1,365	44	15	1,424	52	24	3	79	96.87	68.42	1,503
5,317	3,653	4,291	3,574	1,105	...	...	651	8,319	8,146	473	149	8,768	150	29	23	202	94.51	83.79	4,485
1,466	876	22	1,980	329	...	11	1,492	850	2,099	31	212	2,342	...	...	...	...	98.54	...	1,171
175	158	5	309	19	...	...	16	317	312	15	6	333	...	...	...	...	95.41	...	333
447	525	44	889	39	...	...	32	940	869	81	22	972	...	...	...	...	91.47	...	972
22,943	18,103	5,164	30,355	5,127	...	400	8,308	32,743	35,392	2,853	2,196	40,441	530	109	92	731	92.51	82.94	762
45	51	...	...	96	...	...	51	45	96	...	...	96	...	...	...	...	100	...	...
38	28	2	64	...	...	...	35	31	36	30	...	66	...	...	...	...	54.54	...	66
83	79	2	64	96	...	...	86	76	132	30	...	162	...	...	...	...	81.48	...	162
534	528	4	1,058	...	...	...	59	1,003	907	44	31	982	62	13	5	80	95.37	82.66	1,062
821	578	35	1,280	84	...	...	192	1,207	1,243	77	79	1,399	...	...	...	...	94.16	...	1,399
1,355	1,106	39	2,338	84	...	...	251	2,210	2,150	121	110	2,381	62	13	5	80	94.67	82.66	1,230
774	858	1	1,608	23	...	...	237	1,395	1,579	12	41	1,632	...	...	...	...	99.24	...	1,632
269,840	213,139	15,736	422,574	31,193	...	13,476	58,390	424,589	406,321	23,721	48,598	478,640	3,176	883	406	4,465	94.48	78.24	...

PALITIES—(Continued).

Municipalities at Cocanada and Rajahmundry are not known.

A.

No. II.—Statement showing the Monthly Number and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77.

for the Year

1 District of Superintendence.	2 Months.	3 District in which Operations chiefly conducted in each Month.	4 Total Number Vaccinated.	5 Results.			6 Total.	7 Average Percentage of Success, excluding those Unknown from the Total.	
				Successful.	Unsuccessful, including those Doubtful.	Unknown.			
Vaccine Depot	April	Do.	...	...	...	...	...	...	
	May	Do.	...	...	...	...	...	...	
	June	Do.	...	...	...	...	...	...	
	July	Do.	...	...	...	...	...	...	
	August	Do.	...	...	...	...	...	...	
	September	Do.	...	...	...	...	...	...	
	October	Do.	...	...	...	...	...	...	
	November	Do.	...	...	...	...	...	...	
	December	Do.	...	...	...	...	...	...	
	January	Do.	829	437	1	391	829	99.77	
	February	Do.	865	865	...	...	865	100	
	March	Do.	...	...	...	...	...	...	
	Total	...	1,694	1,302	1	391	1,694	99.92	
	Madras Collectorate..	April	Do.	1,569	278	5	1,286	1,569	98.23
		May	Do.	1,565	501	10	1,054	1,565	98.04
June		Do.	1,923	798	17	1,108	1,923	97.91	
July		Do.	3,042	848	20	2,174	3,042	97.69	
August		Do.	3,754	1,174	68	2,512	3,754	94.52	
September		Do.	3,423	1,246	12	2,165	3,423	99.04	
October		Do.	3,091	1,092	7	1,992	3,091	99.36	
November		Do.	3,280	1,042	10	2,228	3,280	99.04	
December		Do.	3,644	1,266	12	2,366	3,644	99.06	
January		Do.	4,508	1,566	24	2,918	4,508	98.42	
February		Do.	6,454	2,548	243	3,663	6,454	91.22	
March		Do.	13,548	7,132	640	5,776	13,548	91.76	
Total		...	49,801	19,491	1,068	29,242	49,801	94.80	
Chingleput District..		April	Do.	618	555	52	11	618	91.43
		May	Do.	646	563	56	27	646	90.95
	June	Do.	580	498	78	4	580	86.45	
	July	Do.	690	643	35	12	690	94.83	
	August	Do.	832	732	65	35	832	91.84	
	September	Do.	731	665	59	7	731	91.85	
	October	Do.	668	602	45	21	668	93.04	
	November	Do.	777	685	57	35	777	92.31	
	December	Do.	752	695	36	21	752	95.07	
	January	Do.	758	696	50	12	758	93.29	
	February	Do.	921	777	58	86	921	93.05	
	March	Do.	1,370	1,159	85	126	1,370	93.16	
	Total	...	9,343	8,270	676	397	9,343	92.44	
	Chittoor Circle	April	Do.	784	693	37	54	784	94.93
		May	Do.	742	707	26	9	742	96.45
June		Do.	735	718	7	10	735	97.51	
July		Do.	760	744	3	13	760	96.11	

A.

No. II.—Statement showing the Monthly Number and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
	August ...	Chittoor Circle— <i>continued.</i>	892	854	5	33	892	99.41
	September ...	Do. ...	671	647	16	8	671	97.57
	October ...	Do. ...	695	664	14	17	695	97.93
	November ...	Do. ...	802	760	21	21	802	97.31
	December ...	Do. ...	977	939	22	16	977	97.71
	January ...	Do. ...	831	779	34	18	831	95.81
	February ...	Do. ...	1,338	1,271	46	21	1,338	96.50
	March ...	Do. ...	1,635	1,556	68	11	1,635	96.62
	Total ...		10,862	10,332	299	231	10,862	97.18
	April ...	Vellore Circle ...	390	331	37	22	390	89.94
	May ...	Do. ...	487	450	23	14	487	95.13
	June ...	Do. ...	592	558	25	9	592	95.71
	July ...	Do. ...	537	505	25	7	537	95.28
	August ...	Do. ...	565	537	25	3	565	95.55
	September ...	Do. ...	551	523	20	8	551	96.31
	October ...	Do. ...	524	494	26	4	524	95.5
	November ...	Do. ...	622	592	14	16	622	97.68
	December ...	Do. ...	516	493	18	5	561	96.47
	January ...	Do. ...	427	414	12	1	427	97.18
	February ...	Do. ...	1,274	1,259	14	1	1,274	98.90
	March ...	Do. ...	471	452	19	...	471	95.96
	Total ...		6,956	6,608	258	90	6,956	96.24
	April ...	South Arcot District.	1,727	1,709	16	2	1,727	99.07
	May ...	Do. ...	1,874	1,849	11	14	1,874	99.40
	June ...	Do. ...	1,770	1,701	36	33	1,770	97.22
	July ...	Do. ...	1,879	1,857	16	6	1,879	99.14
	August ...	Do. ...	1,451	1,410	19	22	1,451	98.60
	September ...	Do. ...	1,380	1,285	33	62	1,380	97.49
	October ...	Do. ...	1,433	1,363	36	34	1,433	96.71
	November ...	Do. ...	1,069	1,029	13	27	1,069	98.75
	December ...	Do. ...	963	918	12	33	963	98.70
	January ...	Do. ...	1,031	983	8	40	1,031	99.20
	February ...	Do. ...	1,296	1,265	12	19	1,296	99.06
	March ...	Do. ...	1,185	1,137	12	36	1,185	98.95
	Total ...		17,058	16,506	224	328	17,058	98.66
	April ...	Trichinopoly District.	964	931	26	7	964	97.28
	May ...	Do. ...	625	595	17	13	625	97.22
	June ...	Do. ...	963	945	13	5	963	98.64
	July ...	Do. ...	2,266	2,222	30	14	2,266	98.66
	August ...	Do. ...	2,305	2,254	28	23	2,305	98.72
	September ...	Do. ...	2,922	2,853	60	9	2,922	97.94
	October ...	Do. ...	1,892	1,861	26	5	1,892	98.62

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No. II.—Statement showing the Monthly Number and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccess- ful, includ- ing those Doubtful.	Unknown.			
	November ...	Trichinopoly District	2,302	2,270	27	5	2,302	98.12	
	December ...	Do. —continued.	2,066	2,043	23	...	2,066	98.88	
	January ...	Do. ...	1,026	986	15	25	1,026	98.60	
	February ...	Do. ...	1,154	1,110	26	18	1,154	97.71	
	March ...	Do. ...	1,611	1,560	22	29	1,611	98.60	
	Total ...		20,096	19,630	313	153	20,096	98.43	
	April ...	Tanjore Circle	567	424	76	67	567	84.8	
	May ...	Do. ...	651	507	46	98	651	91.68	
	June ...	Do. ...	900	799	57	44	900	93.34	
	July ...	Do. ...	969	809	47	113	969	94.50	
	August ...	Do. ...	842	710	34	98	842	95.43	
	September ...	Do. ...	745	663	37	45	745	94.71	
	October ...	Do. ...	902	814	37	51	902	95.65	
	November ...	Do. ...	1,282	1,157	33	92	1,282	97.22	
	December ...	Do. ...	914	822	36	56	914	95.80	
	January ...	Do. ...	663	595	26	42	663	95.81	
	February ...	Do. ...	581	529	24	28	581	99.63	
	March ...	Do. ...	705	643	31	31	705	95.40	
	Total ...		9,721	8,472	484	765	9,721	94.59	
	April ...	Negapatam Circle	577	478	20	79	577	95.93	
	May ...	Do. ...	653	500	28	125	653	94.69	
	June ...	Do. ...	447	401	15	31	447	96.39	
	July ...	Do. ...	557	522	12	23	557	97.75	
	August ...	Do. ...	578	459	42	72	578	91.61	
	September ...	Do. ...	900	795	71	34	900	91.80	
	October ...	Do. ...	1,055	977	40	38	1,055	96.06	
	November ...	Do. ...	826	775	22	29	826	97.23	
	December ...	Do. ...	801	709	26	66	801	96.46	
	January ...	Do. ...	665	592	27	46	665	95.63	
	February ...	Do. ...	688	615	46	27	688	93.04	
	March ...	Do. ...	1,159	1,039	46	73	1,159	95.76	
	Total ...		8,900	7,862	395	643	8,900	95.21	
	April ...	Madura Circle	1,661	1,535	45	81	1,661	97.15	
	May ...	Do. ...	1,738	1,458	75	205	1,738	95.10	
	June ...	Do. ...	1,748	1,548	53	147	1,748	96.68	
	July ...	Do. ...	2,012	1,768	55	189	2,012	96.98	
	August ...	Do. ...	2,081	1,669	117	295	2,081	93.44	
	September ...	Do. ...	1,900	1,648	52	200	1,900	96.94	
	October ...	Do. ...	1,887	1,686	73	128	1,887	95.84	
	November ...	Do. ...	2,092	1,908	46	138	2,092	97.64	
	December ...	Do. ...	1,935	1,699	43	193	1,935	97.58	
	January ...	Do. ...	1,950	1,844	37	69	1,950	98.03	

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No. II.—Statement showing the Monthly Number and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccess- ful, includ- ing those Doubtful.	Unknown.			
	February ...	Madura Circle—cont.	1,926	1,763	54	109	1,926	97.02	
	March ...	Do. ...	1,977	1,812	35	130	1,977	98.10	
	Total ...		22,907	20,338	685	1,884	22,907	96.74	
	April ...	Dindigul Circle	1,098	1,057	14	27	1,098	98.69	
	May ...	Do. ...	1,173	1,110	18	45	1,173	98.40	
	June ...	Do. ...	1,470	1,443	10	17	1,470	99.31	
	July ...	Do. ...	1,361	1,318	16	27	1,361	98.80	
	August ...	Do. ...	1,370	1,336	18	16	1,370	98.67	
	September ...	Do. ...	1,526	1,463	21	42	1,526	98.58	
	October ...	Do. ...	1,470	1,424	30	16	1,470	97.93	
	November ...	Do. ...	1,564	1,524	19	21	1,564	98.76	
	December ...	Do. ...	1,319	1,289	12	18	1,319	99.07	
	January ...	Do. ...	1,118	1,107	8	3	1,118	99.28	
	February ...	Do. ...	1,190	1,160	11	19	1,190	99.06	
	March ...	Do. ...	1,394	1,350	17	27	1,394	98.75	
	Total ...		16,053	15,581	194	278	16,053	98.74	
	April ...	Tinnevely Circle	432	348	20	64	432	94.56	
	May ...	Do. ...	596	516	32	48	596	94.16	
	June ...	Do. ...	720	538	21	161	720	96.24	
	July ...	Do. ...	913	798	51	64	913	93.99	
	August ...	Do. ...	886	822	27	37	886	96.81	
	September ...	Do. ...	1,135	1,012	61	62	1,135	94.31	
	October ...	Do. ...	1,114	1,022	44	48	1,114	95.67	
	November ...	Do. ...	946	854	49	43	946	94.57	
	December ...	Do. ...	933	847	32	54	933	96.35	
	January ...	Do. ...	942	810	39	93	942	95.40	
	February ...	Do. ...	943	884	41	18	943	95.66	
	March ...	Do. ...	1,015	944	44	27	1,015	95.54	
	Total ...		10,575	9,395	461	719	10,575	95.71	
	April ...	Shermadivi Circle	263	233	16	14	263	93.57	
	May ...	Do. ...	246	211	5	30	246	97.68	
	June ...	Do. ...	315	277	7	31	315	97.53	
	July ...	Do. ...	474	428	13	33	474	97.05	
	August ...	Do. ...	589	511	23	55	589	95.69	
	September ...	Do. ...	458	382	11	65	458	97.26	
	October ...	Do. ...	575	509	16	50	575	96.95	
	November ...	Do. ...	486	414	15	57	486	96.50	
	December ...	Do. ...	396	337	10	49	396	97.11	
	January ...	Do. ...	358	330	7	21	358	97.92	
	February ...	Do. ...	319	257	24	38	319	91.45	
	March ...	Do. ...	458	381	19	58	458	95.25	
	Total ...		4,937	4,270	166	501	4,937	96.25	

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No. II.—Statement showing the Monthly Number and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.			
	April ...	Cuddapah Circle ...	218	164	39	15		218	80.78
	May ...	Do. ...	219	152	55	12		219	73.42
	June ...	Do. ...	237	157	52	28		237	75.11
	July ...	Do. ...	191	133	56	2		191	70.37
	August ...	Do. ...	202	152	40	10		202	79.16
	September ...	Do. ...	177	137	22	18		177	86.16
	October ...	Do. ...	210	162	37	11		210	81.40
	November ...	Do. ...	267	213	48	6		267	81.60
	December ...	Do. ...	276	212	39	25		276	84.46
	January ...	Do. ...	275	232	24	19		275	90.62
	February ...	Do. ...	385	308	52	25		385	85.55
	March ...	Do. ...	576	453	105	18		576	81.18
	Total ...		3,233	2,475	569	189		3,233	81.30
	April ...	Madanapally Circle.	143	88	22	33		143	80.
	May ...	Do. ...	93	72	3	18		93	96.
	June ...	Do. ...	113	83	10	20		113	89.24
	July ...	Do. ...	146	120	20	6		146	85.71
	August ...	Do. ...	196	155	18	23		196	89.59
	September ...	Do. ...	268	241	13	14		268	94.88
	October ...	Do. ...	192	161	19	12		192	89.44
	November ...	Do. ...	450	376	54	20		450	87.44
	December ...	Do. ...	405	284	10	111		405	96.61
	January ...	Do. ...	280	215	12	53		280	94.71
	February ...	Do. ...	254	176	16	62		254	91.66
	March ...	Do. ...	401	270	66	65		401	80.35
	Total ...		2,941	2,241	263	437		2,941	89.49
	April ...	Kurnool District ...	166	151	13	2		166	92.07
	May ...	Do. ...	163	152	10	1		163	93.82
	June ...	Do. ...	147	125	18	4		147	86.80
	July ...	Do. ...	158	127	20	11		158	85.08
	August ...	Do. ...	291	243	34	14		291	87.72
	September ...	Do. ...	375	305	32	38		375	90.50
	October ...	Do. ...	420	324	37	59		420	89.75
	November ...	Do. ...	216	184	21	11		216	89.75
	December ...	Do. ...	479	439	22	18		479	95.22
	January ...	Do. ...	329	316	18	5		329	97.56
	February ...	Do. ...	259	224	20	15		259	91.80
	March ...	Do. ...	359	308	20	31		359	93.90
	Total ...		3,362	2,898	255	209		3,362	91.91
	April ...	Bellary Circle	475	447	18	10		475	96.12
	May ...	Do. ...	580	531	32	17		580	94.31
	June ...	Do. ...	511	481	23	7		511	95.44
	July ...	Do. ...	629	604	19	6		629	96.95

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.			
	August ...	Bellary Circle—cont.	817	786	46	15		847	97.35
	September ...	Do. ...	767	735	20	12		767	97.35
	October ...	Do. ...	626	537	32	57		626	94.37
	November ...	Do. ...	505	439	23	43		505	95.02
	December ...	Do. ...	536	468	14	54		536	97.95
	January ...	Do. ...	668	542	29	97		668	94.92
	February ...	Do. ...	846	682	66	98		846	91.17
	March ...	Do. ...	798	573	72	153		798	88.83
	Total ...		7,788	6,825	394	569		7,788	94.54
	April ...	Pennacodah Circle.	235	197	9	29		235	95.63
	May ...	Do. ...	319	284	14	21		319	95.30
	June ...	Do. ...	243	211	21	11		243	90.
	July ...	Do. ...	240	225	9	6		240	96.15
	August ...	Do. ...	359	328	23	8		359	93.45
	September ...	Do. ...	470	437	14	19		470	96.89
	October ...	Do. ...	452	431	11	10		452	97.50
	November ...	Do. ...	435	323	84	28		435	79.36
	December ...	Do. ...	500	405	56	39		500	87.85
	January ...	Do. ...	399	346	17	36		399	95.30
	February ...	Do. ...	316	277	19	20		316	93.68
	March ...	Do. ...	262	218	19	25		262	91.98
	Total ...		4,230	3,682	296	252		4,230	92.55
	April ...	Ghootty Circle	78	69	5	4		78	93.2
	May ...	Do. ...	255	222	24	9		255	90.24
	June ...	Do. ...	378	317	35	26		378	90.5
	July ...	Do. ...	379	315	39	25		379	88.98
	August ...	Do. ...	479	416	35	28		479	92.23
	September ...	Do. ...	402	384	9	9		402	97.70
	October ...	Do. ...	402	355	19	28		402	94.91
	November ...	Do. ...	277	247	16	14		277	93.91
	December ...	Do. ...	311	268	14	29		311	95.38
	January ...	Do. ...	310	267	10	33		310	96.38
	February ...	Do. ...	257	234	11	12		257	95.51
	March ...	Do. ...	346	308	12	26		346	96.25
	Total ...		3,874	3,402	229	243		3,874	93.69
	April ...	Salem Circle	863	791	33	39		863	95.99
	May ...	Do. ...	951	828	71	62		951	92.12
	June ...	Do. ...	1,184	1,006	45	133		1,184	95.71
	July ...	Do. ...	1,106	1,002	43	61		1,106	95.88
	August ...	Do. ...	1,131	1,094	20	17		1,131	98.20
	September ...	Do. ...	1,279	1,213	7	59		1,279	99.42
	October ...	Do. ...	964	876	34	54		964	96.26
	November ...	Do. ...	1,007	961	23	23		1,007	97.67

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 of Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.	Total.	
	December ...	Salem Circle—cont.	695	680	7	8	695	98.98
	January ...	Do. ...	434	408	8	18	434	98.07
	February ...	Do. ...	431	410	6	15	431	98.55
	March ...	Do. ...	503	558	37	8	503	92.52
	Total ...		10,548	9,727	334	487	10,548	96.68
	April ...	Oosoor Circle	334	289	24	21	334	92.33
	May ...	Do. ...	325	273	25	27	325	91.61
	June ...	Do. ...	587	521	32	34	587	94.21
	July ...	Do. ...	492	394	35	63	492	91.83
	August ...	Do. ...	444	382	29	33	444	92.94
	September ...	Do. ...	473	392	30	51	473	92.89
	October ...	Do. ...	612	482	63	67	612	88.44
	November ...	Do. ...	712	599	40	73	712	93.74
	December ...	Do. ...	718	646	38	34	718	94.44
	January ...	Do. ...	692	637	17	38	692	97.40
	February ...	Do. ...	622	539	39	44	622	93.25
	March ...	Do. ...	1,181	999	67	115	1,181	93.71
	Total ...		7,192	6,153	439	600	7,192	93.34
	April ...	Coimbatore District.	1,297	1,197	44	56	1,297	96.45
	May ...	Do. ...	1,471	1,304	66	101	1,471	95.18
	June ...	Do. ...	1,253	1,161	59	33	1,253	95.16
	July ...	Do. ...	1,552	1,456	46	50	1,552	96.93
	August ...	Do. ...	1,953	1,850	46	57	1,953	97.37
	September ...	Do. ...	1,700	1,603	67	30	1,700	95.98
	October ...	Do. ...	2,290	2,005	231	54	2,290	89.66
	November ...	Do. ...	2,528	2,436	59	33	2,528	97.59
	December ...	Do. ...	2,374	2,082	130	162	2,374	94.12
	January ...	Do. ...	2,685	2,508	97	80	2,685	96.27
	February ...	Do. ...	2,552	2,365	103	84	2,552	96.06
	March ...	Do. ...	2,492	2,298	78	116	2,492	96.71
	Total ...		24,147	22,265	1,026	856	24,147	95.55
	April ...	Malabar District	569	436	55	78	569	88.79
	May ...	Do. ...	665	588	18	59	665	97.02
	June ...	Do. ...	571	512	11	48	571	97.89
	July ...	Do. ...	676	591	23	62	676	95.27
	August ...	Do. ...	838	734	21	83	838	97.21
	September ...	Do. ...	777	690	41	46	777	94.39
	October ...	Do. ...	954	850	52	52	954	94.30
	November ...	Do. ...	739	664	43	32	739	96.91
	December ...	Do. ...	786	707	31	48	786	95.79

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 of Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.	Total.	
	January ...	Malabar District—continued.	703	629	27	47	703	95.88
	February ...	Do. ...	766	656	29	81	776	95.76
	March ...	Do. ...	941	872	28	41	941	96.88
	Total ...		8,985	7,929	379	677	8,985	87.77
	April ...	South Canara District	1,272	1,164	44	64	1,272	96.35
	May ...	Do. ...	1,159	1,068	46	45	1,159	95.87
	June ...	Do. ...	1,599	1,485	53	61	1,599	96.55
	July ...	Do. ...	1,727	1,617	49	61	1,727	91.56
	August ...	Do. ...	2,734	2,594	67	73	2,734	97.48
	September ...	Do. ...	1,954	1,826	64	64	1,954	96.61
	October ...	Do. ...	1,679	1,570	47	62	1,679	97.09
	November ...	Do. ...	1,849	1,639	58	152	1,849	96.58
	December ...	Do. ...	2,360	2,254	53	53	2,360	97.70
	January ...	Do. ...	4,840	4,713	81	46	4,840	98.31
	February ...	Do. ...	8,145	7,807	169	169	8,145	97.88
	March ...	Do. ...	10,022	9,165	199	658	10,022	97.87
	Total ...		39,340	36,902	930	1,508	39,340	97.54
	April ...	Nellore Circle	1,114	1,092	3	19	1,114	99.82
	May ...	Do. ...	999	966	14	19	999	98.57
	June ...	Do. ...	941	908	15	18	941	98.37
	July ...	Do. ...	931	914	4	13	931	99.56
	August ...	Do. ...	1,029	1,011	6	12	1,029	29.41
	September ...	Do. ...	1,014	986	13	15	1,014	98.69
	October ...	Do. ...	899	871	12	16	899	98.64
	November ...	Do. ...	759	697	11	51	759	98.44
	December ...	Do. ...	1,281	1,144	30	107	1,281	97.44
	January ...	Do. ...	1,349	1,277	41	31	1,349	96.96
	February ...	Do. ...	3,051	2,757	77	217	3,051	97.28
	March ...	Do. ...	2,948	2,785	39	124	2,948	98.61
	Total ...		16,315	15,408	265	642	16,315	98.30
	April ...	Ongole Circle	536	491	22	23	536	95.71
	May ...	Do. ...	336	316	14	6	336	92.72
	June ...	Do. ...	468	444	7	17	468	98.44
	July ...	Do. ...	634	606	7	21	634	98.85
	August ...	Do. ...	546	510	13	23	546	97.51
	September ...	Do. ...	573	542	7	24	573	98.72
	October ...	Do. ...	581	551	13	17	581	97.69
	November ...	Do. ...	1,285	1,190	27	68	1,285	97.78
	December ...	Do. ...	969	849	15	105	969	98.26
	January ...	Do. ...	884	846	10	28	884	98.83

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
	February ...	Ongole Circle—cont.	977	935	7	35	977	99.25
	March ...	Do.	1,046	969	39	38	1,046	96.10
		Total ...	8,835	8,249	181	405	8,835	97.85
	April ...	Masulipatam Circle.	400	323	48	29	400	87.06
	May ...	Do.	135	110	6	19	135	94.82
	June ...	Do.	117	100	3	14	117	97.08
	July ...	Do.	116	93	11	12	116	89.12
	August ...	Do.	119	95	8	16	119	92.23
	September ...	Do.	160	128	29	3	160	81.52
	October ...	Do.	223	186	19	18	223	90.73
	November ...	Do.	198	179	5	14	198	97.28
	December ...	Do.	173	150	9	14	173	94.33
	January ...	Do.	241	209	21	11	241	90.86
	February ...	Do.	211	182	10	19	211	94.79
	March ...	Do.	191	175	5	11	191	97.22
		Total ...	2,284	1,930	171	180	2,284	91.73
	April ...	Guntoor Circle	369	319	42	8	369	88.36
	May ...	Do.	123	87	26	10	123	76.99
	June ...	Do.	202	169	11	22	202	93.88
	July ...	Do.	309	268	17	24	309	94.03
	August ...	Do.	243	206	23	14	243	89.95
	September ...	Do.	162	141	12	9	162	92.15
	October ...	Do.	148	126	12	10	148	91.32
	November ...	Do.	232	201	16	15	232	92.62
	December ...	Do.	309	237	45	27	309	84.04
	January ...	Do.	496	452	18	26	496	96.17
	February ...	Do.	539	513	15	11	539	97.15
	March ...	Do.	646	608	20	18	646	96.81
		Total ...	3,778	3,327	257	194	3,778	92.82
	April ...	Cocanada Circle	481	374	76	31	481	83.11
	May ...	Do.	501	399	70	32	501	85.07
	June ...	Do.	518	423	61	34	518	87.39
	July ...	Do.	475	372	59	44	475	86.31
	August ...	Do.	550	461	55	34	550	89.31
	September ...	Do.	533	433	56	44	533	88.54
	October ...	Do.	577	484	58	35	577	89.29
	November ...	Do.	602	503	66	33	602	88.40
	December ...	Do.	543	460	47	36	543	90.72
	January ...	Do.	383	318	45	20	383	87.60
	February ...	Do.	535	449	51	35	535	89.8
	March ...	Do.	492	423	48	21	492	89.80
		Total ...	6,190	5,099	692	399	6,190	88.05

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
	April ...	Ellore Circle	354	263	42	49	354	86.22
	May ...	Do.	242	158	58	26	242	73.14
	June ...	Do.	176	121	41	14	176	74.69
	July ...	Do.	295	187	66	42	295	73.91
	August ...	Do.	235	156	49	30	235	76.09
	September ...	Do.	333	226	74	33	333	75.33
	October ...	Do.	397	319	44	34	397	87.87
	November ...	Do.	433	351	51	31	433	87.31
	December ...	Do.	431	379	27	25	431	93.34
	January ...	Do.	420	334	49	37	420	87.20
	February ...	Do.	433	372	25	36	433	93.70
	March ...	Do.	332	278	24	30	332	92.05
		Total ...	4,081	3,144	550	387	4,081	85.11
	April ...	Vizagapatam Range.	879	848	31	...	879	96.01
	May ...	Do.	621	592	28	1	621	95.48
	June ...	Do.	1,628	1,589	35	4	1,628	97.84
	July ...	Do.	922	899	22	1	922	97.61
	August ...	Do.	1,153	1,126	25	2	1,153	97.82
	September ...	Do.	952	933	19	...	952	98.
	October ...	Do.	640	631	9	...	640	98.59
	November ...	Do.	1,105	1,081	23	1	1,105	97.91
	December ...	Do.	1,183	1,164	15	4	1,183	90.24
	January ...	Do.	1,030	1,015	13	2	1,030	98.73
	February ...	Do.	756	739	9	8	756	98.79
	March ...	Do.	582	577	5	...	582	99.14
		Total ...	11,451	11,194	234	23	11,451	97.95
	April ...	Vizianagaram Range.	539	527	12	...	539	97.77
	May ...	Do.	1,194	1,181	12	1	1,194	98.99
	June ...	Do.	1,937	1,914	21	2	1,937	98.91
	July ...	Do.	2,021	2,000	15	6	2,021	99.25
	August ...	Do.	1,468	1,458	10	...	1,468	99.31
	September ...	Do.	938	930	5	3	938	99.46
	October ...	Do.	1,199	1,185	13	1	1,199	98.91
	November ...	Do.	1,243	1,231	12	...	1,243	99.03
	December ...	Do.	1,121	1,116	5	...	1,121	99.55
	January ...	Do.	1,342	1,324	9	9	1,342	99.32
	February ...	Do.	1,441	1,428	13	...	1,441	99.09
	March ...	Do.	799	795	4	...	799	94.48
		Total ...	15,242	15,089	131	22	15,242	99.13
	April ...	Jeypore Hill Tracts, Vizagapatam Dist.	87	71	10	6	87	87.65
	May ...	Do.	84	62	15	7	84	80.51
	June ...	Do.	59	43	11	5	59	79.62

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—continued.

1 District of Superintendence.	2 Months.	3 District in which Operations chiefly conducted in each Month.	4 Total Number vaccinated.	5 Results.			6 Total.	7 Average Percentage of Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
...	July	Jeypore Hill Tracts, Vizagapatam Dist.—cont.	89	72	10	7	89	82.75
	August	Do.	120	101	7	12	120	93.51
	September	Do.	96	80	8	8	96	90.90
	October	Do.	110	96	7	7	110	93.20
	November	Do.	113	92	10	11	113	90.19
	December	Do.	128	107	12	9	128	89.91
	January	Do.	225	195	20	10	225	90.69
	February	Do.	195	164	17	14	195	90.60
	March	Do.	228	192	18	16	228	91.42
	Total		1,532	1,275	145	112	1,532	89.78
	April	Chitterpore Circle	314	259	46	9	314	84.91
	May	Do.	223	193	28	2	223	87.33
	June	Do.	196	163	30	3	196	84.45
	July	Do.	230	195	22	13	230	89.86
...	August	Do.	167	142	17	8	167	89.30
	September	Do.	308	272	24	12	308	91.89
	October	Do.	326	291	29	6	326	90.93
	November	Do.	354	299	37	18	354	88.98
	December	Do.	448	403	35	10	448	93.01
	January	Do.	661	591	55	15	661	91.48
	February	Do.	643	586	32	25	643	94.82
	March	Do.	677	629	38	10	677	94.30
	Total		4,547	4,023	393	131	4,547	91.10
	April	Chicacole Circle	580	539	22	19	580	96.07
	May	Do.	309	269	31	9	309	89.66
	June	Do.	220	199	16	5	220	92.55
	July	Do.	141	122	16	3	141	88.40
	August	Do.	215	179	28	8	215	86.47
...	September	Do.	178	156	19	3	178	89.14
	October	Do.	214	182	22	10	214	89.21
	November	Do.	343	301	31	11	343	90.66
	December	Do.	354	310	30	14	354	91.17
	January	Do.	337	294	33	10	337	89.90
	February	Do.	303	276	20	7	303	93.24
	March	Do.	269	234	26	9	269	90.
	Total		3,463	3,061	294	108	3,463	91.23
	April	Hill Tracts, Ganjam District.	94	83	...	11	94	100.
	May	Do.	36	32	4	...	36	88.88
	June	Do.	27	21	4	2	27	84.
	July	Do.	277	273	1	3	277	99.63
	August	Do.	197	196	1	...	197	99.49

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—continued.

1 District of Superintendence.	2 Months.	3 District in which Operations chiefly conducted in each Month.	4 Total Number vaccinated.	5 Results.			6 Total.	7 Average Percentage of Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
...	September	Hill Tracts, Ganjam District—cont.	403	397	1	10	408	99.74
	October	Do.	548	536	1	11	548	99.81
	November	Do.	466	461	3	2	466	99.35
	December	Do.	351	344	3	4	351	99.13
	January	Do.	633	582	13	38	633	97.81
	February	Do.	829	813	2	14	829	99.75
	March	Do.	789	765	10	14	789	98.70
	Total		4,655	4,503	43	109	4,655	99.05
	Grand Total		386,916	328,858	13,697	44,361	386,916	96.29
	MILITARY CANTONMENTS.							
	April	Bangalore	131	125	...	6	131	100.
	May	Do.	121	117	4	...	121	96.69
	June	Do.	98	96	...	2	98	100.
	July	Do.	105	100	5	...	105	95.23
	August	Do.	94	93	1	...	94	98.93
	September	Do.	106	105	1	...	106	99.05
	October	Do.	109	109	...	...	109	100.
	November	Do.	87	87	...	...	87	100.
	December	Do.	115	110	3	2	115	97.34
	January	Do.	142	123	2	17	142	98.4
	February	Do.	151	137	10	4	151	93.19
	March	Do.	407	309	49	49	407	86.31
	Total		1,666	1,511	75	80	1,666	95.27
...	April	Secunderabad	227	198	25	4	227	88.78
	May	Do.	221	208	11	2	221	94.97
	June	Do.	212	194	11	7	212	94.14
	July	Do.	207	183	20	4	207	90.14
	August	Do.	195	179	8	8	195	95.72
	September	Do.	254	219	29	6	254	88.30
	October	Do.	209	189	13	7	209	93.56
	November	Do.	181	161	...	20	181	100.
	December	Do.	252	221	14	17	252	94.04
	January	Do.	321	297	9	15	321	97.05
	February	Do.	335	290	9	36	335	96.98
	March	Do.	372	328	...	44	372	100.
	Total		2,986	2,667	149	170	2,986	94.76
	April	Kamptee	80	78	2	...	80	97.5
	May	Do.	46	41	5	...	46	89.13
	June	Do.	39	37	2	...	39	94.87

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—continued.

1	2	3	4	5				6	7
District of Su- perintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	Results.				Total.	Average Percent- age of Success, excluding those Unknown from the Total.
				Successful.	Unsuccess- ful, includ- ing those Doubtful.	Unknown.			
	July ...	Kamptec—continued.	43	30	13	...	...	43	69.76
	August ...	Do. ...	49	34	15	...	...	49	69.38
	September ...	Do. ...	13	...	13	...	...	13	...
	October ...	Do. ...	8	...	8	...	...	8	...
	November ...	Do. ...	27	26	1	...	...	27	96.29
	December ...	Do. ...	45	34	...	11	...	45	100.
	January ...	Do. ...	29	27	...	2	...	29	100.
	February ...	Do. ...	69	64	2	3	...	69	96.96
	March ...	Do. ...	140	114	...	26	...	140	100.
	Total ...		588	485	61	42	...	588	88.82
	Grand Total ...		5,240	4,663	285	292	...	5,240	94.24

TEMPORARY VACCINATORS.									
	April ...	Dindignl Circle ...	105	92	12	1	...	105	87.5
	May ...	Do. ...	224	179	41	4	...	224	81.36
	June ...	Do. ...	535	485	40	10	...	535	92.38
	July ...	Do. ...	545	520	22	3	...	545	95.94
	August ...	Do. ...	534	519	9	6	...	534	98.29
	September ...	Do. ...	307	306	1	...	...	307	99.67
	October ...	Do. ...	125	125	...	...	...	125	100.
	November ...	Do. ...	96	91	5	...	...	96	94.79
	December ...	Do. ...	11	11	...	...	...	11	100.
	January ...	Do. ...	...	...	...	...	...	...	...
	February ...	Do. ...	...	...	...	...	...	...	...
	March ...	Do. ...	...	...	...	...	...	...	...
	Total ...		2,482	2,328	130	24	...	2,482	94.71
	April ...	Coimbatore District.	411	357	17	37	...	411	95.45
	May ...	Do. ...	463	435	17	11	...	463	96.23
	June ...	Do. ...	553	511	19	23	...	553	96.41
	July ...	Do. ...	454	436	14	4	...	454	96.88
	August ...	Do. ...	432	409	14	9	...	432	96.69
	September ...	Do. ...	425	414	8	3	...	425	98.10
	October ...	Do. ...	432	421	3	8	...	432	99.29
	November ...	Do. ...	479	459	12	8	...	479	95.75
	December ...	Do. ...	384	352	22	10	...	384	94.11
	January ...	Do. ...	298	277	8	13	...	298	97.19
	February ...	Do. ...	363	333	7	23	...	363	97.94
	March ...	Do. ...	393	360	10	23	...	393	97.29
	Total ...		5,087	4,764	151	172	...	5,087	96.92

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—continued.

1	2	3	4	5			6	7
District of Su- perintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	Results.			Total.	Average Percent- age of Success, excluding those Unknown from the Total.
				Successful.	Unsuccess- ful, includ- ing those Doubtful.	Unknown.		
	April ...	Masulipatam Circle.	283	261	16	6	283	99.22
	May ...	Do. ...	213	195	10	8	213	95.12
	June ...	Do. ...	301	280	13	8	301	95.56
	July ...	Do. ...	190	160	10	20	190	94.11
	August ...	Do. ...	191	159	19	13	191	89.32
	September ...	Do. ...	175	150	13	12	175	92.02
	October ...	Do. ...	310	272	25	13	310	91.58
	November ...	Do. ...	213	202	5	6	213	97.58
	December ...	Do. ...	155	137	4	14	155	97.16
	January ...	Do. ...	305	283	14	8	305	95.28
	February ...	Do. ...	244	219	13	12	244	94.39
	March ...	Do. ...	267	235	20	12	267	92.15
	Total ...		2,847	2,553	162	132	2,847	94.03
	April ...	Malabar District	...	...	...	...	...	...
	May ...	Do. ...	137	101	16	20	137	87.18
	June ...	Do. ...	337	308	15	14	337	95.35
	July ...	Do. ...	483	436	27	20	483	94.16
	August ...	Do. ...	232	217	7	8	232	96.87
	September ...	Do. ...	...	...	...	...	...	...
	October ...	Do. ...	...	...	...	...	...	...
	November ...	Do. ...	...	...	...	...	...	...
	December ...	Do. ...	...	...	...	...	...	...
	January ...	Do. ...	...	...	...	...	...	...
	February ...	Do. ...	...	...	...	...	...	...
	March ...	Do. ...	...	...	...	...	...	...
	Total ...		1,189	1,062	65	62	1,189	94.23
	April ...	South Canara Dist.	...	...	...	...	...	...
	May ...	Do. ...	...	...	...	...	...	...
	June ...	Do. ...	...	...	...	...	...	...
	July ...	Do. ...	...	...	...	...	...	...
	August ...	Do. ...	...	...	...	...	...	...
	September ...	Do. ...	...	...	...	...	...	...
	October ...	Do. ...	...	...	...	...	...	...
	November ...	Do. ...	...	...	...	...	...	...
	December ...	Do. ...	...	...	...	...	...	...
	January ...	Do. ...	...	...	...	...	...	...
	February ...	Do. ...	1,503	1,346	49	108	1,503	96.48
	March ...	Do. ...	3,210	2,779	159	272	3,210	94.58
	Total ...		4,713	4,125	208	380	4,713	95.10
	Grand Total ...		16,318	14,832	716	770	16,318	96.03

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
PRIVATE VACCINATORS.								
April ...	Ongole Circle	...	68	68	...	...	68	100
May ...	Do.	...	42	42	...	...	42	100
June ...	Do.	...	30	30	...	...	30	100
July ...	Do.	...	22	22	...	...	22	100
August ...	Do.	...	11	8	2	1	11	63.63
September ...	Do.	...	17	17	...	...	17	100
October ...	Do.	...	11	10	1	...	11	90.90
November ...	Do.	...	12	12	...	...	12	100
December ...	Do.	...	5	5	...	...	5	100
January ...	Do.	...	28	28	...	...	28	100
February ...	Do.	...	44	43	1	...	44	97.64
March ...	Do.	...	101	98	3	...	101	97.02
Total ...			391	383	7	1	391	98.20
April ...	Coimbatore District.	...	331	284	31	16	331	90.16
May ...	Do.	...	133	128	5	...	133	96.23
June ...	Do.	...	290	238	34	18	290	87.5
July ...	Do.	...	189	157	20	12	189	88.70
August ...	Do.	...	150	144	6	...	150	95.66
September ...	Do.	...	465	442	19	4	465	95.87
October ...	Do.	...	246	223	13	10	246	94.49
November ...	Do.	...	156	148	4	4	156	96.10
December ...	Do.	...	297	268	18	11	297	93.70
January ...	Do.	...	38	38	...	...	38	100
February ...	Do.	...	...	...	...	...	...	...
March ...	Do.	...	...	...	...	...	...	...
Total ...			2,295	2,070	150	75	2,295	93.19
April ...	Malabar District	...	10	8	2	...	10	80
May ...	Do.	...	16	16	...	...	16	100
June ...	Do.	...	...	...	...	...	...	...
July ...	Do.	...	7	7	...	...	7	100
August ...	Do.	...	10	10	...	...	10	100
September ...	Do.	...	13	9	2	2	13	53.84
October ...	Do.	...	7	6	...	1	7	71.42
November ...	Do.	...	6	6	...	...	6	100
December ...	Do.	...	5	2	...	3	5	...
January ...	Do.	...	8	7	...	1	8	75
February ...	Do.	...	8	8	...	...	8	100
March ...	Do.	...	7	6	...	1	7	71.42
Total ...			97	85	4	8	97	86.51

A.

No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
April ...	Jeypore Hill Tracts, Vizagapatam Dist.	...	265	257	8	...	265	96.98
May ...	Do.	...						
June ...	Do.	...						
July ...	Do.	...						
August ...	Do.	...						
September ...	Do.	...						
October ...	Do.	...						
November ...	Do.	...						
December ...	Do.	...						
January ...	Do.	...						
February ...	Do.	...						
March ...	Do.	...						
Total ...			265	257	8	...	265	96.98
Grand Total ...			3,048	2,795	169	84	3,048	94.29
ZEMINDARY VACCINATORS.								
April ...	Jeypore Hill Tracts, Vizagapatam Dist.	...	120	112	4	4	120	96.55
May ...	Do.	...	130	103	21	6	130	83.06
June ...	Do.	...	100	77	15	8	100	83.69
July ...	Do.	...	96	80	9	7	96	89.88
August ...	Do.	...	156	125	20	11	156	86.20
September ...	Do.	...	158	129	19	10	158	87.16
October ...	Do.	...	134	112	11	11	134	91.05
November ...	Do.	...	132	110	14	8	132	88.70
December ...	Do.	...	219	191	17	11	219	91.82
January ...	Do.	...	205	170	20	15	205	89.47
February ...	Do.	...	215	182	18	15	215	91
March ...	Do.	...	178	137	21	20	178	86.70
Total ...			1,843	1,528	189	126	1,843	88.99
April ...	Pettapoor, Cocanada Circle.	...	76	60	10	6	76	85.71
May ...	Do.	...	74	55	11	8	74	83.33
June ...	Do.	...	71	53	8	10	71	86.88
July ...	Do.	...	90	79	6	5	90	92.94
August ...	Do.	...	70	50	13	7	70	79.36
September ...	Do.	...	73	60	13	...	73	82.19
October ...	Do.	...	101	89	11	1	101	89
November ...	Do.	...	98	85	13	...	98	86.73
December ...	Do.	...	80	76	3	1	80	96.20
January ...	Do.	...	62	53	9	...	62	55.48

A.

No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccess- ful, includ- ing those Doubtful.	Unknown.		
Pettapoor, Cocanada Circle—continued.	February ...	Do.	90	72	14	4	90	83.72
	March ...	Do.	80	67	6	7	80	91.77
	Total ...		965	799	117	49	965	87.22
	April ...	Venkatagerry, Nel-lore Circle.	76	75	1	...	76	98.68
	May ...	Do.	80	80	...	...	80	100.
	June ...	Do.	50	49	1	...	50	98.
	July ...	Do.	51	51	...	...	51	100.
	August ...	Do.	41	41	...	...	41	100.
	September ...	Do.	49	47	2	...	49	95.91
	October ...	Do.	40	26	2	12	40	90.71
Arneo Jagheer, North Arcot District.	November ...	Do.	53	45	1	7	53	97.82
	December ...	Do.	40	24	...	16	40	100.
	January ...	Do.	35	34	1	...	35	97.14
	February ...	Do.	22	13	...	9	22	100.
	March ...	Do.	86	86	...	...	86	100.
	Total ...		623	571	8	44	623	98.61
	April ...	Do.	40	27	12	1	40	69.23
	May ...	Do.	53	49	3	1	53	94.23
	June ...	Do.	21	16	...	5	21	100.
	July ...	Do.	36	35	1	...	36	97.22
Vizianagarum Range.	August ...	Do.	69	58	...	11	69	100.
	September ...	Do.	42	37	5	...	42	88.09
	October ...	Do.	47	43	1	3	47	97.72
	November ...	Do.	40	33	6	1	40	84.61
	December ...	Do.	40	34	5	1	40	87.17
	January ...	Do.	28	25	3	...	28	89.28
	February ...	Do.	416	357	36	23	416	90.83
	March ...	Do.	3,847	3,255	350	242	3,847	90.29
	Total ...							
	Grand Total ...							
PRICE VACCINATORS.								
April ...	Oosoor Circle	...	110	67	19	24	110	36.02
May ...	Do.	...	98	75	...	23	98	100.
June ...	Do.	...	121	78	25	18	121	75.72
July ...	Do.	...	225	178	36	11	225	83.13
August ...	Do.	...	272	219	28	25	272	88.66
September ...	Do.	...	238	199	24	15	238	89.23

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccess- ful, includ- ing those Doubtful.	Unknown.		
Oosoor Circle—contd.	October ...	Do.	311	239	40	32	311	85.66
	November ...	Do.	133	101	14	18	133	87.82
	December ...	Do.	212	158	23	31	212	87.29
	January ...	Do.	177	124	26	27	177	82.66
	February ...	Do.	105	82	13	10	105	86.31
	March ...	Do.	136	99	6	31	136	94.28
	Total ...		2,138	1,619	254	265	2,138	86.43
RESULT SYSTEM VACCINATORS.								
South Arcot District.	April ...	Do.	308	274	34	...	308	88.96
	May ...	Do.	431	309	122	...	431	71.69
	June ...	Do.	395	372	23	...	395	94.17
	July ...	Do.	302	271	21	10	302	92.80
	August ...	Do.	204	194	10	...	204	95.09
	September ...	Do.	323	308	12	3	323	96.25
	October ...	Do.	331	308	23	...	331	93.05
	November ...	Do.	294	276	14	4	294	95.17
	December ...	Do.	325	314	9	2	325	97.21
	January ...	Do.	263	249	12	2	263	95.40
Vizianagarum Range.	February ...	Do.	228	211	15	2	228	93.36
	March ...	Do.	255	244	8	3	255	96.82
	Total ...		3,659	3,330	303	26	3,659	91.65
CONSERVANCY ESTABLISHMENT.								
Vizianagarum Range.	April ...	Do.	6	6	...	...	6	100.
	May ...	Do.	...	...	...	...	...	...
	June ...	Do.	...	...	...	...	...	...
	July ...	Do.	17	17	...	...	17	100.
	August ...	Do.	47	47	...	...	47	100.
	September ...	Do.	66	66	...	...	66	100.
	October ...	Do.	111	111	...	...	111	100.
	November ...	Do.	100	100	...	...	100	100.
	December ...	Do.	97	97	...	...	97	100.
	January ...	Do.	71	71	...	...	71	100.
Vizianagarum Range.	February ...	Do.	4	4	...	...	4	100.
	March ...	Do.	...	...	...	...	...	...
	Total ...		519	519	...	...	519	100.
	April ...	Do.	63	59	2	2	63	96.72
	May ...	Do.	52	52	...	...	52	100.
	June ...	Do.	26	26	...	...	26	100.
	July ...	Do.	10	10	...	...	10	100.

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—continued.

District of Su- perintendence.	2	3	4	5			6	7
				Results.				
				Successful.	Unsuccess- ful, includ- ing those Doubtful.	Unknown.		
Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	Successful.	Unsuccess- ful, includ- ing those Doubtful.	Unknown.	Total.	Average Percent- age of Success, excluding those Unknown from the Total.	
August ...	Vizianagarum Range— <i>continued.</i>	10	10	...	...	10	100	
September ...	Do. ...	...	...	...	...	...	...	
October ...	Do. ...	16	16	...	...	16	100	
November ...	Do. ...	...	...	...	...	...	...	
December ...	Do. ...	5	5	...	...	5	100	
January ...	Do. ...	...	...	...	...	...	...	
February ...	Do. ...	...	...	...	...	...	...	
March ...	Do. ...	...	...	...	...	...	...	
	Total ...	183	179	2	2	183	93.37	
	Grand Total ...	702	698	2	2	702	99.71	

RAILWAY APOTHECARIES.

For the whole year.	Railway Lines	57	49	8	...	57	85.96
Total ...		57	49	8	...	57	85.96

MEDICAL SUBORDINATES.

April ...	Presidency, Centre, & Northern Districts.	458	257	194	7	458	58.27
May ...	Do. ...	511	240	270	1	511	47.05
June ...	Do. ...	565	285	242	38	565	51.07
July ...	Do. ...	567	292	260	15	567	52.89
August ...	Do. ...	438	221	213	4	438	50.90
September ...	Do. ...	365	188	174	3	365	51.93
October ...	Do. ...	420	217	195	8	420	52.66
November ...	Do. ...	540	340	182	18	540	65.13
December ...	Do. ...	864	484	329	51	864	59.53
January ...	Do. ...	405	176	226	3	405	43.78
February ...	Do. ...	...	...	...	...	...	...
March ...	Do. ...	1,375	667	655	53	1,375	50.45
Total ...		6,508	3,367	2,940	201	6,508	53.38
April ...	Southern Division	408	308	64	36	408	82.79
May ...	Do. ...	385	277	88	20	385	75.89
June ...	Do. ...	397	306	85	6	397	78.26
July ...	Do. ...	455	324	103	28	455	75.87
August ...	Do. ...	452	361	79	12	452	82.04
September ...	Do. ...	605	444	128	33	605	79.37
October ...	Do. ...	428	331	70	27	428	82.54
November ...	Do. ...	411	289	97	25	411	74.87

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful including those Doubtful.	Unknown.		
	December ...	Southern Division— <i>continued.</i>	...	...	...	...	...	...
	January ...	Do. ...	...	...	...	...	...	...
	February ...	Do. ...	...	...	...	...	...	...
	March ...	Do. ...	...	...	...	...	...	...
		Total ...	3,541	2,640	714	187	3,541	78.71
	April ...	Mysore and Ceded Districts.	215	70	140	5	215	33.33
	May ...	Do. ...	209	64	145	...	209	30.62
	June ...	Do. ...	211	63	144	4	211	30.43
	July ...	Do. ...	285	85	193	7	285	30.57
	August ...	Do. ...	143	78	61	4	143	56.11
	September ...	Do. ...	257	97	135	25	257	41.81
	October ...	Do. ...	233	137	94	2	233	59.30
	November ...	Do. ...	147	68	79	...	147	46.25
	December ...	Do. ...	201	107	72	22	201	59.77
	January ...	Do. ...	71	35	36	...	71	49.29
	February ...	Do. ...	314	262	51	1	314	83.70
	March ...	Do. ...	318	182	136	...	318	57.23
		Total ...	2,604	1,248	1,286	70	2,604	49.24
	April ...	Hyderabad Subsidiary Force.	...	...	...	...	...	...
	May ...	Do. ...	120	97	22	1	120	81.51
	June ...	Do. ...	89	55	33	1	89	62.5
	July ...	Do. ...	58	51	6	1	58	89.47
	August ...	Do. ...	61	52	9	...	61	85.24
	September ...	Do. ...	78	57	18	3	78	76
	October ...	Do. ...	73	62	11	...	73	84.93
	November ...	Do. ...	...	...	...	...	...	...
	December ...	Do. ...	241	204	36	1	241	85
	January ...	Do. ...	74	47	14	13	74	77.04
	February ...	Do. ...	376	282	67	27	376	80.83
	March ...	Do. ...	411	336	74	1	411	81.95
		Total ...	1,581	1,243	290	48	1,581	81.08
	April ...	Nagpore Force	76	60	16	...	76	78.94
	May ...	Do. ...	37	27	10	...	37	72.97
	June ...	Do. ...	24	23	1	...	24	95.83
	July ...	Do. ...	...	...	...	...	...	...
	August ...	Do. ...	41	38	3	...	41	92.53
	September ...	Do. ...	8	8	...	...	8	100
	October ...	Do. ...	20	8	12	...	20	40
	November ...	Do. ...	220	136	84	...	220	61.81
	December ...	Do. ...	191	143	45	3	191	76.06

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.	
				Successful.	Unsuccessful, including those Doubtful.	Unknown.			
	January ...	Nagpore Force—	81	67	13	1	81	83.75	
	February ...	continued.	282	211	64	7	282	76.72	
	March ...	Do. ...	385	234	150	1	385	60.93	
		Total ...	1,365	955	398	12	1,365	70.58	
	April ...	Pegu Division	154	100	54	...	154	64.93	
	May ...	Do. ...							
	June ...	Do. ...							
	July ...	Do. ...							
	August ...	Do. ...							
	September ...	Do. ...							
	October ...	Do. ...							
	November ...	Do. ...							
	December ...	Do. ...							
	January ...	Do. ...							
	February ...	Do. ...							
	March ...	Do. ...							
		Total ...	154	100	54	...	154	64.93	
		Grand Total ...	15,753	9,553	5,682	518	15,753	62.70	
	MUNICIPALITIES.								
	April ...	Chicacole Municipality.	16	7	9	...	16	43.75	
May ...	Do. ...	15	10	5	...	15	66.66		
June ...	Do. ...	18	12	6	...	18	66.66		
July ...	Do. ...	13	7	6	...	13	53.84		
August ...	Do. ...	20	16	4	...	20	80		
September ...	Do. ...	16	11	5	...	16	62.5		
October ...	Do. ...	14	9	5	...	14	64.28		
November ...	Do. ...	16	15	1	...	16	93.75		
December ...	Do. ...	15	12	3	...	15	80		
January ...	Do. ...	23	19	4	...	23	82.60		
February ...	Do. ...	18	13	5	...	18	72.78		
March ...	Do. ...								
	Total ...	199	143	56	...	199	71.85		
April ...	Bimlipatam Municipality	48	46	2	...	48	95.83		
May ...	Do. ...	41	40	1	...	41	97.56		
June ...	Do. ...	27	26	1	...	27	96.29		
July ...	Do. ...	30	29	1	...	30	96.66		
August ...	Do. ...	6	6	...	...	6	100		
September ...	Do. ...	17	16	1	...	17	94.11		

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, including those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
Bimlipatam Municipality—continued.	October ...	Do. ...	30	30	...	...	30	100
	November ...	Do. ...	32	30	2	...	32	93.75
	December ...	Do. ...	38	38	...	...	38	100
	January ...	Do. ...	35	35	...	...	35	100
	February ...	Do. ...	33	32	1	...	33	96.96
	March ...	Do. ...	11	11	...	...	11	100
	Total ...		348	339	9	...	348	97.41
	April ...	Vizagapatam Municipality.	...	...	...	...	...	...
	May ...	Do. ...	...	...	...	...	...	...
	June ...	Do. ...	...	...	...	...	...	...
	July ...	Do. ...	...	...	...	...	...	...
	August ...	Do. ...	...	...	...	...	...	...
	September ...	Do. ...	...	...	...	...	...	...
	October ...	Do. ...	...	...	...	...	...	...
	November ...	Do. ...	...	...	...	...	...	...
	December ...	Do. ...	...	...	...	...	...	...
	January ...	Do. ...	5	4	...	1	5	100
	February ...	Do. ...	39	29	10	...	39	74.35
	March ...	Do. ...	25	17	8	...	25	68
	Total ...		69	50	18	1	69	84.74
April ...	Vizianagrum Municipality.	60	54	3	3	60	94.78	
May ...	Do. ...	52	46	5	1	52	90.19	
June ...	Do. ...	80	71	4	5	80	94.66	
July ...	Do. ...	64	54	4	6	64	98.10	
August ...	Do. ...	59	53	2	4	59	96.36	
September ...	Do. ...	61	53	5	3	61	91.87	
October ...	Do. ...	60	52	6	2	60	89.65	
November ...	Do. ...	61	51	5	5	61	91.07	
December ...	Do. ...	60	58	1	1	60	98.30	
January ...	Do. ...	50	44	3	3	50	98.61	
February ...	Do. ...	52	47	3	2	52	94	
March ...	Do. ...	52	45	4	3	52	91.81	
Total ...		711	628	45	38	711	93.31	
April ...	Cocanada Municipality	} 793	573	151	69	793	79.14	
May ...	Do. ...							
June ...	Do. ...							
July ...	Do. ...							
August ...	Do. ...							
September ...	Do. ...							
October ...	Do. ...							

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—continued.

1	2	3	4	5				6	7
District of Sa- perintendence.	Months.	District in which Operations chiefly conducted in each Month.	Total Number vaccinated.	Results.				Total.	Average percent- age of Success, excluding those Unknown from the Total.
				Successful.	Unsuccess- ful includ- ing those Doubtful.	Unknown.			
	November ...	Cocanada Municipality—continued.	793	573	151	69	793	79.14	
	December ...	Do. ...							
	January ...	Do. ...							
	February ...	Do. ...							
	March ...	Do. ...							
	Total ...		793	573	151	69	793	79.14	
	April ...	Rajahmundry Municipality.	338	254	59	25	338	81.15	
	May ...	Do. ...							
	June ...	Do. ...							
	July ...	Do. ...							
	August ...	Do. ...							
	September ...	Do. ...							
	October ...	Do. ...							
	November ...	Do. ...							
	December ...	Do. ...							
	January ...	Do. ...							
	February ...	Do. ...							
	March ...	Do. ...							
	Total ...		338	254	59	25	338	81.15	
	April ...	Ellore Municipality.	43	28	11	4	43	71.79	
	May ...	Do. ...	34	21	9	4	34	70.	
	June ...	Do. ...	...	...	...	...	...	...	
	July ...	Do. ...	14	9	5	...	...	...	
	August ...	Do. ...	26	17	7	2	14	64.28	
	September ...	Do. ...	53	38	9	6	26	70.83	
	October ...	Do. ...	21	11	7	3	53	80.85	
	November ...	Do. ...	23	16	5	2	21	61.11	
	December ...	Do. ...	25	20	3	2	23	76.19	
	January ...	Do. ...	40	37	...	3	25	69.56	
	February ...	Do. ...	29	25	2	...	40	100.	
	March ...	Do. ...	24	24	...	...	29	92.59	
	Total ...		332	246	58	28	332	80.92	
	April ...	Masulipatam Municipality.	47	43	4	...	47	91.57	
	May ...	Do. ...	56	51	5	...	56	91.07	
	June ...	Do. ...	36	34	2	...	36	94.44	
	July ...	Do. ...	32	29	3	...	32	90.62	
	August ...	Do. ...	38	36	2	...	38	94.73	
	September ...	Do. ...	32	31	1	...	32	96.87	
	October ...	Do. ...	30	30	...	...	30	100.	
	November ...	Do. ...	68	66	2	...	68	97.05	

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
District of S. Perintendence.	December ...	Masulipatam Municipality—continued.	84	83	1	...	84	98.80
	January ...	Do. ...	53	53	...	...	53	100.
	February ...	Do. ...	32	32	...	...	32	100.
	March ...	Do. ...	45	43	...	2	45	100.
		Total ...	553	531	20	2	553	94.55
	April ...	Gunttoor Municipality.	22	18	2	2	22	90.
	May ...	Do. ...	34	31	1	2	34	96.87
	June ...	Do. ...	...	...	...	...	...	...
	July ...	Do. ...	129	88	10	31	129	88.79
	August ...	Do. ...	81	42	12	27	81	78.88
	September ...	Do. ...	58	34	14	10	58	70.83
	October ...	Do. ...	25	14	8	3	25	63.63
	November ...	Do. ...	12	6	6	...	12	50.
	December ...	Do. ...	...	...	...	...	...	...
	January ...	Do. ...	8	2	6	...	8	25.
	February ...	Do. ...	254	193	15	46	254	92.78
	March ...	Do. ...	571	444	25	102	571	94.66
		Total ..	1,194.	872	99	223	1,194	89.90
	April ...	Nellore Municipality.	79	77	2	...	79	97.46
	May ...	Do. ...	82	78	4	...	82	95.12
	June ...	Do. ...	68	65	3	...	68	95.58
	July ...	Do. ...	74	70	4	...	74	94.59
	August ...	Do. ...	87	82	5	...	82	94.25
	September ...	Do. ...	82	79	3	...	82	96.34
October ...	Do. ...	57	56	1	...	57	98.24	
November ...	Do. ...	74	74	...	...	74	100.	
December ...	Do. ...	122	122	...	...	122	100.	
January ...	Do. ...	334	333	1	...	334	99.70	
February ...	Do. ...	539	505	5	29	539	99.01	
March ...	Do. ...	368	334	3	31	368	99.10	
	Total ...	1,966	1,875	31	60	1,966	98.37	
April ...	Conjeveram Municipality.	47	32	11	4	47	74.88	
May ...	Do. ...	55	46	4	5	55	92.	
June ...	Do. ...	80	61	2	17	80	96.82	
July ...	Do. ...	77	66	11	...	77	85.71	
August ...	Do. ...	85	81	3	1	85	96.42	
September ...	Do. ...	92	81	4	7	92	95.29	
October ...	Do. ...	65	59	3	3	65	95.16	
November ...	Do. ...	67	63	1	3	67	98.43	
December ...	Do. ...	56	55	1	...	56	98.21	

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
	January ...	Conjeveram Municipality—continued.	45	32	...	13	45	100
	February ...	Do. ...	98	90	1	2	93	98.90
	March ...	Do. ...	103	96	4	3	103	96
		Total ...	865	762	45	58	865	94.42
	April ...	Vellore Municipality.	136	131	5	...	136	96.32
	May ...	Do. ...	133	130	3	...	133	97.74
	June ...	Do. ...	138	128	7	3	138	94.81
	July ...	Do. ...	132	130	2	...	132	98.48
	August ...	Do. ...	123	118	4	1	123	96.72
	September ...	Do. ...	119	115	4	...	119	96.68
	October ...	Do. ...	129	122	7	...	129	94.57
	November ...	Do. ...	109	105	2	2	109	98.13
	December ...	Do. ...	762	708	20	39	762	97.23
	January ...	Do. ...	249	241	...	8	249	100
	February ...	Do. ...	192	192	...	...	192	100
	March ...	Do. ...	216	216	...	...	216	100
		Total ...	2,438	2,331	54	53	2,438	97.73
	April ...	Wallajahpet Municipality.	10	10	...	...	10	100
	May ...	Do. ...	9	9	...	...	9	100
	June ...	Do. ...	11	11	...	...	11	100
	July ...	Do. ...	12	12	...	...	12	100
	August ...	Do. ...	8	8	...	...	8	100
	September ...	Do. ...	12	12	...	...	12	100
	October ...	Do. ...	11	11	...	...	11	100
	November ...	Do. ...	20	16	4	...	20	80
	December ...	Do. ...	4	4	...	...	4	100
	January ...	Do. ...	22	20	2	...	22	90.90
	February ...	Do. ...	44	43	1	...	44	97.72
March ...	Do. ...	53	53	...	...	53	100	
	Total ...	216	209	7	...	216	96.75	
April ...	Trichinopoly Municipality.	147	132	15	...	147	89.79	
May ...	Do. ...	171	145	7	19	171	95.39	
June ...	Do. ...	...	...	...	...	...	...	
July ...	Do. ...	82	53	27	2	82	66.25	
August ...	Do. ...	207	167	32	8	207	83.91	
September ...	Do. ...	166	137	19	10	166	87.82	
October ...	Do. ...	168	124	42	2	168	74.69	
November ...	Do. ...	164	145	19	...	64	88.41	
December ...	Do. ...	60	54	6	...	60	90	

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
	January ...	Trichinopoly Municipality—continued.	4	4	...	...	4	100
	February ...	Do. ...	98	84	13	1	98	86.59
	March ...	Do. ...	291	232	32	27	291	87.87
	Total ...		1,558	1,277	212	69	1,558	85.76
	April ...	Tanjore Municipality.	99	96	3	...	99	96.96
	May ...	Do. ...	90	87	3	...	90	92.22
	June ...	Do. ...	83	80	3	...	83	96.38
	July ...	Do. ...	86	85	1	...	86	98.83
	August ...	Do. ...	90	87	1	2	90	96.66
	September ...	Do. ...	89	88	1	...	89	98.87
	October ...	Do. ...	69	68	1	...	69	98.55
	November ...	Do. ...	81	77	3	1	81	96.25
	December ...	Do. ...	92	91	1	...	92	91.91
	January ...	Do. ...	70	70	...	...	70	100
	February ...	Do. ...	92	79	12	1	92	86.81
	March ...	Do. ...	100	97	3	...	100	97
	Total ...		1,041	1,005	32	4	1,041	96.91
	April ...	Mayavaram Municipality.	64	62	2	...	64	96.87
	May ...	Do. ...	59	58	1	...	59	98.30
	June ...	Do. ...	65	62	1	2	65	98.41
July ...	Do. ...	55	55	...	...	55	100	
	August ...	Do. ...	...	...	...	...	...	...
	September ...	Do. ...	...	...	...	...	...	...
	October ...	Do. ...	86	78	2	6	86	97.5
	November ...	Do. ...	84	68	2	16	84	97.05
	December ...	Do. ...	48	46	2	...	48	95.83
	January ...	Do. ...	44	37	7	...	44	84.08
	February ...	Do. ...	51	49	2	...	51	95.09
	March ...	Do. ...	45	34	11	...	45	75.55
	Total ...		601	547	30	24	601	94.80
	April ...	Nagapatam Municipality.	38	38	...	...	38	100
	May ...	Do. ...	30	26	4	...	30	86.66
	June ...	Do. ...	30	27	3	...	30	90
	July ...	Do. ...	55	49	6	...	55	89.09
	August ...	Do. ...	40	35	5	...	40	87.5
	September ...	Do. ...	46	37	5	4	46	88.09
	October ...	Do. ...	129	105	14	1	129	88.23
	November ...	Do. ...	159	136	22	1	159	86.79
	December ...	Do. ...	133	125	7	1	133	94.69

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—continued.

1 District of Superintendence.	2 Months.	3 District in which Operations chiefly conducted in each Month.	4 Total Number vaccinated.	5 Results.			6 Total.	7 Average percentage of Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
	January ...	Negapatam Municipality—continued.	97	81	15	1	97	84.37
	February ...	Do. ...	138	118	20	...	138	85.50
	March ...	Do. ...	144	122	19	3	144	86.52
	Total ...		1,030	899	120	11	1,030	88.22
	April ...	Combaconum Municipality.	149	122	8	19	149	98.84
	May ...	Do. ...	147	108	12	27	147	90.
	June ...	Do. ...	139	100	15	24	139	86.96
	July ...	Do. ...	148	116	9	23	148	92.8
	August ...	Do. ...	125	108	11	6	125	90.75
	September ...	Do. ...	125	84	21	20	125	80.
	October ...	Do. ...	68	52	9	7	68	85.24
	November ...	Do. ...	87	57	7	23	87	89.06
	December ...	Do. ...	100	74	1	25	100	98.66
	January ...	Do. ...	104	68	3	33	104	95.77
	February ...	Do. ...	110	75	4	31	110	94.93
	March ...	Do. ...	80	53	12	15	80	81.53
	Total ...		1,382	1,017	112	253	1,382	90.07
	April ...	Mannargoody Municipality.	28	23	5	...	28	82.14
	May ...	Do. ...	38	38	...	...	38	100.
	June ...	Do. ...	42	34	8	...	42	80.95
	July ...	Do. ...	46	45	1	...	46	97.82
	August ...	Do. ...	49	48	1	...	49	77.55
	September ...	Do. ...	45	44	1	...	45	97.77
	October ...	Do. ...	32	29	3	...	32	90.62
	November ...	Do. ...	40	39	1	...	40	97.5
	December ...	Do. ...	44	42	2	...	44	95.45
	January ...	Do. ...	30	30	...	...	30	100.
	February ...	Do. ...	30	25	...	5	30	100.
	March ...	Do. ...	24	22	2	...	24	91.6
	Total ...		448	419	24	5	448	94.58
	April ...	Madura Municipality.	190	88	60	42	190	59.79
	May ...	Do. ...	166	102	30	34	166	77.27
	June ...	Do. ...	182	54	43	85	182	55.67
	July ...	Do. ...	248	102	40	106	248	71.83
	August ...	Do. ...	273	116	32	125	273	78.37
	September ...	Do. ...	303	190	42	71	303	81.89
	October ...	Do. ...	258	164	44	50	258	78.84
	November ...	Do. ...	302	169	52	81	302	76.47
	December ...	Do. ...	213	194	17	12	213	96.53
	January ...	Do. ...	277	243	18	16	277	93.09

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—continued.

1 District of Superintendence.	2 Months.	3 District in which Operations chiefly conducted in each Month.	4 Total Number vaccinated.	5 Results.			6 Total.	7 Average percentage of Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
	February ...	Madura Municipality—continued.	273	269	4	...	273	98.53
	March ...	Do. ...	297	280	17	...	297	94.27
	Total ...		2,982	1,971	399	612	2,982	83.16
	April ...	Dindigul Municipality.	157	144	3	10	157	97.95
	May ...	Do. ...	106	104	...	2	106	100.
	June ...	Do. ...	180	167	4	9	180	97.66
	July ...	Do. ...	160	147	6	7	160	96.07
	August ...	Do. ...	111	107	4	...	111	96.39
	September ...	Do. ...	157	141	7	9	157	95.27
	October ...	Do. ...	67	64	3	...	67	95.52
	November ...	Do. ...	115	110	1	4	115	99.09
	December ...	Do. ...	94	90	1	3	94	98.90
	January ...	Do. ...	92	88	...	4	92	100.
	February ...	Do. ...	144	141	1	2	144	99.29
	March ...	Do. ...	257	254	1	2	257	99.60
	Total ...		1,640	1,557	31	52	1,640	98.04
	April ...	Tinnevely Municipality.	53	49	4	...	53	92.45
	May ...	Do. ...	62	61	1	...	62	98.38
	June ...	Do. ...	66	61	5	...	66	92.42
	July ...	Do. ...	64	57	7	...	64	89.06
	August ...	Do. ...	65	59	5	1	65	92.18
	September ...	Do. ...	57	56	1	...	57	98.24
	October ...	Do. ...	76	74	2	...	76	97.36
	November ...	Do. ...	61	55	5	1	61	91.66
	December ...	Do. ...	58	52	5	1	58	91.22
	January ...	Do. ...	48	42	5	1	48	89.36
	February ...	Do. ...	57	50	6	1	57	89.28
	March ...	Do. ...	53	46	5	2	53	90.19
	Total ...		720	662	51	7	720	92.84
	April ...	Palamcottah Municipality.	25	21	4	...	25	84.
	May ...	Do. ...	32	32	...	...	32	100.
	June ...	Do. ...	21	21	...	...	21	100.
	July ...	Do. ...	29	25	3	1	29	89.28
	August ...	Do. ...	27	22	2	3	27	91.66
	September ...	Do. ...	17	13	...	4	17	100.
	October ...	Do. ...	...	...	...	...	...	...
	November ...	Do. ...	...	...	...	...	...	...
	December ...	Do. ...	21	15	5	1	21	75.
	January ...	Do. ...	29	27	1	1	29	96.42

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.			
Palamcottah Municipality—continued.	February ...	Do. ...	38	32	1	5	38	98.98	
	March ...	Do. ...	30	24	3	3	30	88.88	
	Total ...		269	232	19	18	269	92.43	
	April ...	Tuticorin Municipality.	24	17	4	3	24	80.95	
	May ...	Do. ...	35	23	4	8	35	85.14	
	June ...	Do. ...	69	62	6	1	69	91.17	
	July ...	Do. ...	31	23	3	5	31	88.46	
	August ...	Do. ...	50	41	8	6	50	89.13	
	September ...	Do. ...	93	80	10	3	93	88.88	
	October ...	Do. ...	104	87	14	3	104	86.13	
Cuddapah Municipality.	November ...	Do. ...	46	32	11	3	46	74.41	
	December ...	Do. ...	59	49	3	7	59	94.23	
	January ...	Do. ...	33	30	2	1	33	93.75	
	February ...	Do. ...	86	78	5	3	86	93.97	
	March ...	Do. ...	60	36	7	17	60	83.72	
	Total ...		690	558	72	60	690	88.57	
	April ...	Do. ...	18	10	4	4	18	71.42	
	May ...	Do. ...	22	15	4	3	22	78.90	
	June ...	Do. ...	30	18	5	7	30	78.28	
	July ...	Do. ...	31	20	7	4	31	74.07	
Kurnool Municipality.	August ...	Do. ...	46	32	10	4	46	71.19	
	September ...	Do. ...	42	21	18	3	42	53.84	
	October ...	Do. ...	29	18	7	4	29	7.2	
	November ...	Do. ...	36	28	8	...	36	77.77	
	December ...	Do. ...	21	12	9	...	21	57.14	
	January ...	Do. ...	20	16	3	1	20	84.21	
	February ...	Do. ...	57	38	8	11	57	82.60	
	March ...	Do. ...	182	79	36	67	182	68.69	
	Total ...		534	307	119	108	534	74.41	
	April ...	Do. ...	45	37	4	4	45	90.24	
Kurnool Municipality.	May ...	Do. ...	22	13	9	...	22	59.09	
	June ...	Do. ...	30	27	3	...	30	90	
	July ...	Do. ...	32	19	13	...	32	59.06	
	August ...	Do. ...	35	33	1	1	35	97.05	
	September ...	Do. ...	31	30	...	1	31	100	
	October ...	Do. ...	22	20	2	...	22	90.90	
	November ...	Do. ...	27	27	...	...	27	100	
	December ...	Do. ...	29	28	...	1	29	100	
	January ...	Do. ...	52	44	6	2	52	88	

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.			
Kurnool Municipality—continued.	February ...	Do. ...	78	70	8	...	78	89.74	
	March ...	Do. ...	40	26	14	...	20	65	
	Total ...		398	337	56	5	398	85.75	
	April ...	Bellary Municipality.	115	103	12	...	115	89.56	
	May ...	Do. ...	119	111	8	...	119	93.27	
	June ...	Do. ...	103	86	16	1	103	84.31	
	July ...	Do. ...	79	67	12	...	79	84.81	
	August ...	Do. ...	98	93	5	...	98	94.89	
	September ...	Do. ...	97	80	17	...	97	82.47	
	October ...	Do. ...	101	77	24	...	101	76.23	
Anantapore Municipality.	November ...	Do. ...	89	70	19	...	89	78.65	
	December ...	Do. ...	85	75	7	3	85	90.36	
	January ...	Do. ...	89	79	9	1	89	89.77	
	February ...	Do. ...	174	146	28	...	174	83.90	
	March ...	Do. ...	246	167	77	2	246	68.44	
	Total ...		1,395	1,154	234	7	1,395	82.41	
	April ...	Do. ...	20	20	...	...	20	100	
	May ...	Do. ...	16	15	1	...	16	93.75	
	June ...	Do. ...	42	41	1	...	42	97.61	
	July ...	Do. ...	30	29	1	...	30	96.66	
Adoni Municipality.	August ...	Do. ...	30	27	3	...	30	90	
	September ...	Do. ...	21	21	...	...	21	100	
	October ...	Do. ...	18	17	1	...	18	94.44	
	November ...	Do. ...	21	20	1	...	21	95.23	
	December ...	Do. ...	74	69	2	3	74	97.18	
	January ...	Do. ...	23	23	...	...	23	100	
	February ...	Do. ...	18	18	...	...	18	100	
	March ...	Do. ...	28	27	1	...	28	96.42	
	Total ...		341	327	11	3	341	96.74	
	April ...	Do. ...	64	60	4	...	64	93.75	
Adoni Municipality.	May ...	Do. ...	73	72	1	...	73	98.63	
	June ...	Do. ...	64	64	...	...	64	100	
	July ...	Do. ...	58	58	...	...	58	100	
	August ...	Do. ...	65	61	4	...	65	93.84	
	September ...	Do. ...	54	54	...	...	54	100	
	October ...	Do. ...	54	54	...	...	54	100	
	November ...	Do. ...	44	39	5	...	44	88.63	
	December ...	Do. ...	52	50	...	2	52	100	
	January ...	Do. ...	8	8	...	...	8	100	

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.			
Adoni Municipality—continued.	February ...	Adoni Municipality	102	97	5	...	102	95.09	
	March ...	Do. ...	92	89	...	3	2	100.	
		Total ...	730	706	19	5	730	97.37	
	April ...	Salem Municipality.	115	109	2	4	115	98.19	
	May ...	Do. ...	96	90	3	3	96	96.77	
	June ...	Do. ...	106	102	2	2	106	98.07	
	July ...	Do. ...	40	36	1	3	40	97.29	
	August ...	Do. ...	89	80	9	...	89	89.88	
	September ...	Do. ...	140	131	6	3	140	95.69	
	October ...	Do. ...	187	178	7	2	187	96.21	
Salem Municipality.	November ...	Do. ...	75	67	5	3	75	93.05	
	December ...	Do. ...	99	92	2	5	99	97.87	
	January ...	Do. ...	51	43	2	6	51	78.18	
	February ...	Do. ...	112	90	12	10	112	88.23	
	March ...	Do. ...	161	123	21	17	161	85.41	
		Total ...	1,271	1,141	72	58	1,271	94.06	
	April ...	Coimbatore Municipality.	220	214	6	...	220	97.27	
	May ...	Do. ...	167	159	8	...	167	95.20	
	June ...	Do. ...	171	161	6	4	171	96.40	
	July ...	Do. ...	149	145	4	...	149	97.31	
Coimbatore Municipality.	August ...	Do. ...	104	102	2	...	104	98.07	
	September ...	Do. ...	81	78	3	...	81	96.29	
	October ...	Do. ...	96	78	18	...	96	81.25	
	November ...	Do. ...	101	96	3	2	101	96.96	
	December ...	Do. ...	91	84	...	7	91	100.	
	January ...	Do. ...	69	55	10	4	69	84.61	
	February ...	Do. ...	137	131	5	1	137	96.32	
	March ...	Do. ...	117	114	3	...	117	97.43	
		Total ...	1,503	1,417	68	18	1,503	95.42	
	April ...	Mangalore Municipality.	191	181	9	1	191	95.26	
Mangalore Municipality.	May ...	Do. ...	270	223	38	9	270	85.44	
	June ...	Do. ...	322	283	34	5	322	89.27	
	July ...	Do. ...	269	254	14	1	269	94.77	
	August ...	Do. ...	298	269	26	3	298	91.18	
	September ...	Do. ...	283	258	20	5	283	92.80	
	October ...	Do. ...	338	307	23	8	338	93.03	
	November ...	Do. ...	288	260	16	12	288	94.20	
	December ...	Do. ...	413	374	28	11	413	98.03	
	January ...	Do. ...	3,112	2,947	123	43	3,112	96.03	

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No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.			
Mangalore Municipality—continued.	February ...	Mangalore Municipality—continued.	2,120	1,985	98	37	2,120	95.29	
	March ...	Do. ...	1,066	955	74	37	1,066	92.80	
		Total ...	8,970	8,296	502	172	8,970	93.84	
	April ...	Secunderabad Municipality.	117	108	...	9	117	100.	
	May ...	Do. ...	108	105	2	1	108	98.13	
	June ...	Do. ...	169	157	6	6	169	96.31	
	July ...	Do. ...	173	149	14	10	173	91.41	
	August ...	Do. ...	202	181	4	17	202	97.83	
	September ...	Do. ...	165	146	3	16	165	97.98	
	October ...	Do. ...	182	165	...	17	182	100.	
Secunderabad Municipality.	November ...	Do. ...	179	164	...	15	179	100.	
	December ...	Do. ...	205	180	2	23	205	98.90	
	January ...	Do. ...	279	248	...	31	279	100.	
	February ...	Do. ...	292	260	...	32	292	100.	
	March ...	Do. ...	271	236	...	35	271	100.	
		Total ...	2,342	2,099	31	212	2,342	98.54	
	April ...	Chidambaram Municipality.	...	...	...	...	...	...	
	May ...	Do. ...	...	...	...	...	...	...	
	June ...	Do. ...	...	...	...	...	...	...	
	July ...	Do. ...	...	...	...	...	...	...	
Chidambaram Municipality.	August ...	Do. ...	333	312	15	6	333	95.41	
	September ...	Do. ...	...	...	...	...	...	...	
	October ...	Do. ...	...	...	...	...	...	...	
	November ...	Do. ...	...	...	...	...	...	...	
	December ...	Do. ...	...	...	...	...	...	...	
	January ...	Do. ...	...	...	...	...	...	...	
	February ...	Do. ...	...	...	...	...	...	...	
	March ...	Do. ...	...	...	...	...	...	...	
		Total ...	333	312	15	6	333	95.41	
	April ...	Cuddalore Municipality.	...	...	...	...	...	...	
Cuddalore Municipality.	May ...	Do. ...	...	...	...	...	...	...	
	June ...	Do. ...	...	...	...	...	...	...	
	July ...	Do. ...	972	869	81	22	972	91.47	
	August ...	Do. ...	...	...	...	...	...	...	
	September ...	Do. ...	...	...	...	...	...	...	
	October ...	Do. ...	...	...	...	...	...	...	
	November ...	Do. ...	...	...	...	...	...	...	
	December ...	Do. ...	...	...	...	...	...	...	

A.

No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—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 Success, including those Unknown from the Total.	
				Successful.	Unsuccessful including those Doubtful.	Unknown.			
	January ...	Cuddalore Municipality—continued.	972	869	81	22	972	91.47	
	February ...	Do. ...							
	March ...	Do. ...							
		Total ...		972	869	81	22	972	91.47
		Grand Total ...		41,172	35,922	2,962	2,288	41,172	92.38
	April ...	Hospital Assistant, Amindivi Islands.	8	8	...	...	8	100	
	May ...	Do. ...	11	11	...	...	11	100	
	June ...	Do. ...	9	9	...	...	9	100	
	July ...	Do. ...	12	12	...	...	12	100	
	August ...	Do. ...	12	12	...	...	12	100	
	September ...	Do. ...	13	13	...	...	13	100	
	October ...	Do. ...	16	16	...	...	16	100	
	November ...	Do. ...	15	15	...	...	15	100	
	December ...	Do. ...	...	...	...	...	...	...	
	January ...	Do. ...	...	...	...	...	...	...	
	February ...	Do. ...	...	...	...	...	...	...	
	March ...	Do. ...	...	...	...	...	...	...	
		Total ...		96	96	...	...	96	100
	April ...	Hospital Assistant, Pulney Hills.	...	...	...	...	...	...	
May ...	Do. ...	...	...	...	...	...	...		
June ...	Do. ...	...	...	...	...	...	...		
July ...	Do. ...	...	...	...	...	...	...		
August ...	Do. ...	...	...	...	...	...	...		
September ...	Do. ...	...	...	...	...	...	...		
October ...	Do. ...	5	5	...	...	5	100		
November ...	Do. ...	12	9	3	...	12	75		
December ...	Do. ...	22	10	12	...	22	45.45		
January ...	Do. ...	6	...	6	...	6	100		
February ...	Do. ...	15	8	7	...	15	58.33		
March ...	Do. ...	6	4	2	...	6	66.66		
	Total ...		66	36	30	...	66	54.54	
	Grand Total ...		162	132	30	...	162	81.48	
April ...	Neilgherry Hills, Ootacamund.	73	66	5	2	73	92.95		
May ...	Do. ...	63	55	5	3	63	91.66		
June ...	Do. ...	57	51	4	2	57	92.72		

A.

No. II.—Statement showing the Monthly Numbers and Results of Vaccination performed in each District of Superintendence in the Madras Presidency for the Year 1876-77—continued.

for the Year 1874.

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 Success, excluding those Unknown from the Total.
				Successful.	Unsuccessful, including those Doubtful.	Unknown.		
Neilgherry Hills, Ootacamund—contd.	July ...	...	61	56	3	2	61	94.91
	August ...	Do. ...	73	68	2	3	73	97.14
	September ...	Do. ...	85	80	2	3	85	97.56
	October ...	Do. ...	67	61	4	2	67	93.84
	November ...	Do. ...	67	63	2	2	67	96.92
	December ...	Do. ...	81	77	3	1	81	96.25
	January ...	Do. ...	95	89	4	2	95	95.69
	February ...	Do. ...	123	112	6	5	123	94.91
	March ...	Do. ...	217	191	17	9	217	91.34
	Total ...		1,062	969	57	36	1,062	93.76
	April ...	Neilgherry Hills, Coonoor.	86	82	1	3	86	98.79
	May ...	Do. ...	88	78	3	7	88	96.29
	June ...	Do. ...	100	96	1	3	100	96.96
	July ...	Do. ...	78	72	3	3	78	96.
August ...	Do. ...	78	71	4	3	78	94.66	
September ...	Do. ...	62	59	3	2	62	98.33	
October ...	Do. ...	220	179	16	25	220	91.79	
November ...	Do. ...	162	139	12	11	162	92.05	
December ...	Do. ...	129	114	10	5	129	91.93	
January ...	Do. ...	88	79	3	6	88	96.34	
February ...	Do. ...	147	132	8	7	147	94.28	
March ...	Do. ...	161	142	13	6	161	91.61	
Total ...		1,399	1,248	77	79	1,399	94.16	
Grand Total ...		2,461	2,212	134	115	2,461	94.28	
April ...	Red Hills Famine Relief Camp.	...	...	...	...	...	...	
May ...	Do. ...	...	...	...	...	...	...	
June ...	Do. ...	...	...	...	...	...	...	
July ...	Do. ...	...	...	...	...	...	...	
August ...	Do. ...	...	...	...	...	...	...	
September ...	Do. ...	...	...	...	...	...	...	
October ...	Do. ...	...	...	...	...	...	...	
November ...	Do. ...	...	...	...	...	...	...	
December ...	Do. ...	...	...	...	...	...	...	
January ...	Do. ...	637	608	4	25	637	99.34	
February ...	Do. ...	995	971	8	16	995	99.18	
March ...	Do. ...	...	...	...	...	...	...	
Total ...		1,632	1,579	12	41	1,632	99.24	
General Total ...		4,83,105	4,09,487	24,604	49,004	4,83,105	94.33	

A.
No. III.—Statement showing the Expenditure of the Vaccine Department in each District of Superintendence in the Madras Presidency during the Year 1876-77.

1	2	3	4	5	6
	Sanctioned.	Expenditure.	Total Number Vaccinated.	Percentage of Success, excluding those Unknown from the Total.	Cost of each Successful Case.
A.—PAID BY GOVERNMENT.					
Inspector of Vaccination.	Salary, at Rupees 1,250 per mensem	RS. 15,000	A. P. 0 0 0		
	Office establishment, at Rupees 60 per mensem	720	0 0 0		
	Travelling allowance, at " 150 do.	1,800	0 0 0		
	House-rent, at Rupees 125 per mensem	1,500	0 0 0		
	Postage stamps	240	0 0 0		
	Contingencies	...	...		
	1 Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	Total ...	20,100	0 0 0		
	Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	4 First-class Vaccinators, at " 18 do.	864	0 0 0		
Vaccine Depot and Madras Collectorate.	9 Second-class Vaccinators, at Rupees 10 per mensem	1,080	0 0 0		
	6 Temporary Second-class Vaccinators, at Rupees 10, for two months.	120	0 0 0		
	3 Peons, at Rupees 7 each per mensem	252	0 0 0		
	1 Sweeper at Rupees 3½ per mensem	42	0 0 0		
	Contingencies	...	...		
	Batta to mothers of vaccinated children paid by the Ambulatory Depot.	2,400	0 0 0		
	Total ...	5,498	0 0 0		
	Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	4 First-class Vaccinators, at " 18 each per mensem	864	0 0 0		
	9 Second-class do. at " 10 do.	1,080	0 0 0		
Chingleput District	Contingencies	100	0 0 0		
	Batta to mothers of vaccinated children	312	0 0 0		
	Postage stamps	40	0 0 0		
	Famine Batta to Vaccinators	...	...		
	Total ...	3,256	0 0 0		
	Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	4 First-class Vaccinators, at Rupees 18 each per mensem	864	0 0 0		
	13 Second-class Vaccinators, at Rupees 10 each per mensem	1,560	0 0 0		
	4 Probationary Vaccinators, at Rupees 5 each per mensem	240	0 0 0		
	Contingencies	62	0 0 0		
Chittoore Circle	Batta to mothers of vaccinated children	25	0 0 0		
	Postage stamps	...	...		
	Result grant paid to Vaccinators from April to September 1876.	...	...		
	Travelling allowance to Superintendent at Annas 8 per diem	...	...		
	Famine Batta to Vaccinators	84	0 0 0		
	1 Peon, at Rupees 7 per mensem	...	...		
	Total ...	3,675	0 0 0		
	Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	1 First-class Vaccinator, at " 18 do.	216	0 0 0		
	7 Second-class Vaccinators, at Rupees 10 each per mensem	840	0 0 0		
Vellore Circle ...	1 Peon, at Rupees 7 per mensem	84	0 0 0		
	Contingencies	25	0 0 0		
	Batta to mothers of vaccinated children	40	0 0 0		
	Postage stamps	...	...		
	Total ...	3,675	0 0 0		
	Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	1 First-class Vaccinator, at " 18 do.	216	0 0 0		
	7 Second-class Vaccinators, at Rupees 10 each per mensem	840	0 0 0		
	1 Peon, at Rupees 7 per mensem	84	0 0 0		
	Contingencies	25	0 0 0		

1	2	3	4	5	6
	Sanctioned.	Expenditure.	Total Number Vaccinated.	Percentage of Success, excluding those Unknown from the Total.	Cost of each Successful Case.
A.—PAID BY GOVERNMENT.					
Inspector of Vaccination.	Salary, at Rupees 1,250 per mensem	RS. 15,000	A. P. 0 0 0		
	Office establishment, at Rupees 60 per mensem	720	0 0 0		
	Travelling allowance, at " 150 do.	1,800	0 0 0		
	House-rent, at Rupees 125 per mensem	1,500	0 0 0		
	Postage stamps	240	0 0 0		
	Contingencies	...	...		
	1 Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	Total ...	20,100	0 0 0		
	Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	4 First-class Vaccinators, at " 18 do.	864	0 0 0		
Vaccine Depot and Madras Collectorate.	9 Second-class Vaccinators, at Rupees 10 per mensem	1,080	0 0 0		
	6 Temporary Second-class Vaccinators, at Rupees 10, for two months.	120	0 0 0		
	3 Peons, at Rupees 7 each per mensem	252	0 0 0		
	1 Sweeper at Rupees 3½ per mensem	42	0 0 0		
	Contingencies	...	...		
	Batta to mothers of vaccinated children paid by the Ambulatory Depot.	2,400	0 0 0		
	Total ...	5,498	0 0 0		
	Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	4 First-class Vaccinators, at " 18 each per mensem	864	0 0 0		
	9 Second-class do. at " 10 do.	1,080	0 0 0		
Chingleput District	Contingencies	100	0 0 0		
	Batta to mothers of vaccinated children	312	0 0 0		
	Postage stamps	40	0 0 0		
	Famine Batta to Vaccinators	...	...		
	Total ...	3,256	0 0 0		
	Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	4 First-class Vaccinators, at Rupees 18 each per mensem	864	0 0 0		
	13 Second-class Vaccinators, at Rupees 10 each per mensem	1,560	0 0 0		
	4 Probationary Vaccinators, at Rupees 5 each per mensem	240	0 0 0		
	Contingencies	62	0 0 0		
Chittoore Circle	Batta to mothers of vaccinated children	25	0 0 0		
	Postage stamps	...	...		
	Result grant paid to Vaccinators from April to September 1876.	...	...		
	Travelling allowance to Superintendent at Annas 8 per diem	...	...		
	Famine Batta to Vaccinators	84	0 0 0		
	1 Peon, at Rupees 7 per mensem	...	...		
	Total ...	3,675	0 0 0		
	Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	1 First-class Vaccinator, at " 18 do.	216	0 0 0		
	7 Second-class Vaccinators, at Rupees 10 each per mensem	840	0 0 0		
Vellore Circle ...	1 Peon, at Rupees 7 per mensem	84	0 0 0		
	Contingencies	25	0 0 0		
	Batta to mothers of vaccinated children	40	0 0 0		
	Postage stamps	...	...		
	Total ...	3,675	0 0 0		
	Superintendent's salary, at Rupees 70 per mensem	840	0 0 0		
	1 First-class Vaccinator, at " 18 do.	216	0 0 0		
	7 Second-class Vaccinators, at Rupees 10 each per mensem	840	0 0 0		
	1 Peon, at Rupees 7 per mensem	84	0 0 0		
	Contingencies	25	0 0 0		

A.
No. III.—Statement showing the Expenditure of the Vaccine Department in each District of Superintendence in the Madras Presidency during the Year 1876-77—continued.

1	2	3	4	5	6
	Sanctioned.	Expenditure.	Total Number vaccinated.	Percentage of Success, including those Unknown from the Total.	Cost of each Successful Case.
	RS.	A. P.	RS.	A. P.	RS.
A.—PAID BY GOVERNMENT—continued.					
Vellore Circle—Contd. ...					
Travelling allowance to Superintendent, at Annas 8 per diem ...	...	...	...	...	...
Famine Batta to Vaccinators ...	...	...	...	...	...
Total ...	2,045	0 0	2,070	10 11	96 24
South Arcot District ...					
Superintendent's salary, at Rupees 70 per mensem ...	840	0 0	783	3 2	
4 First-class Vaccinators' salary, at Rupees 18 each per mensem ...	864	0 0	804	14 10	
11 Second-class do. do. " 10 do. ...	1,320	0 0	1,142	8 0	
1 Peon, at Rupees 7 per mensem, from September 1876 ...	49	0 0	44	3 4	
Contingencies ...	20	0 0	17	11 0	
Batta to mothers of vaccinated children ...	50	0 0	1	4 0	
Postage stamps ...	50	0 0	60	0 0	
Total ...	3,193	0 0	2,853	12 4	17,058
Tanjore Circle ...					
Superintendent's salary, at Rupees 70 per mensem ...	840	0 0	840	0 0	
5 First-class Vaccinators, at Rs. 18, 7, and 15 each per mensem ...	589	0 0	580	4 3	
11 Second-class do. do. " 7 and 10 do. do. ...	1,083	0 0	1,029	4 4	
1 Peon, at Rupees 6 per mensem ...	72	0 0	63	0 0	

1	2	3	4	5	6
	Sanctioned.	Expenditure.	Total Number vaccinated.	Percentage of Success, including those Unknown from the Total.	Cost of each Successful Case.
	RS.	A. P.	RS.	A. P.	RS.
A.—PAID BY GOVERNMENT—continued.					
Trichinopoly District ...					
Contingencies ...	...	...	...	...	...
Batta to mothers of vaccinated children ...	...	...	...	...	...
Postage stamps ...	...	...	...	...	...
Result grant to Vaccinators for 7 months during the year ...	975	4 0	975	4 0	
Travelling allowance to the Superintendent, at Annas 8 per diem, for 3 months, and at 1 Anna for the Peon ...	19	12 0	19	12 0	
Total ...	3,617	9 0	3,596	1 7	20,096
Tanjore Circle ...					
Superintendent's salary, at Rupees 70 per mensem ...	840	0 0	840	0 0	
2 First-class Vaccinators' salaries, at Rupees 18 each per mensem ...	432	0 0	409	5 8	
14 Second-class do. do. at " 10 do. ...	1,680	0 0	1,661	5 1	
2 Probationers, at Rupees 5 each per mensem ...	120	0 0	110	12 11	
1 Peon, at Rupees 6 per mensem ...	72	0 0	68	0 0	
Contingencies ...	...	...	4	14 0	
Batta to mothers of vaccinated children ...	38	15 6	28	15 6	
Postage stamps ...	...	...	...	...	
Total ...	3,172	15 6	3,123	5 2	9,721
Negapatam Circle ...					
Superintendent's salary, at Rupees 70 per mensem ...	840	0 0	840	0 0	
2 First-class Vaccinators' salaries, at Rupees 18 each per mensem ...	432	0 0	432	0 0	
9 Second-class do. do. at " 10 do. ...	1,080	0 0	1,007	10 6	
1 Peon, at Rupees 7 per mensem ...	84	0 0	84	0 0	
Contingencies ...	...	...	11	6 0	
Batta to mothers of vaccinated children ...	...	...	19	6 0	
Postage stamps ...	...	...	...	...	
Total ...	2,436	0 0	2,394	5 6	8,900
Madura Circle ...					
Superintendent's salary, at Rupees 70 per mensem ...	840	0 0	792	8 7	
9 First-class Vaccinators' salaries, at Rupees 18 each per mensem ...	1,907	1 3	1,766	7 5	
17 Second-class do. do. at " 10 do. ...	1,742	1 4	1,673	5 5	
Contingencies ...	20	0 0	2	7 6	
Batta to mothers of vaccinated children ...	50	0 0	...	...	
Postage stamps ...	100	0 0	85	13 6	
Total ...	4,659	2 7	4,320	9 5	22,907

No. III.—Statement showing the Expenditure of the Vaccine Department in each District of Superintendence in the Madras Presidency during the Year 1876-77—continued.

1	2	3	4	5	6
	Sanctioned.	Expenditure.	Total Number vaccinated.	Percentage of Success, excluding those from the Total.	Cost of each Successful Case.
A.—PAID BY GOVERNMENT—continued.					
Dindigul Circle ...	Superintendent's salary, at Rupees 70 per mensem ...	840 0 0	840 0 0		
	5 First-class Vaccinators, at Rupees 18 each per mensem ...	1,080 0 0	1,035 2 10		
	7 Second-class do. at " 10 do. ...	840 0 0	811 13 7		
	3 Probationers, at Rupees 5 each per mensem ...	198 2 8	182 13 6		
	Contingencies ...	...	...		
	Batta to mothers of vaccinated children ...	100 0 0	73 10 11		
	Postage stamps ...	60 0 0	46 11 0		
	Total ...	3,118 2 8	2,990 3 10	98.74	0 3 0
	Assistant Superintendent's salary, at Rupees 40 per mensem, for 3 months.	120 0 0	120 0 0		
	6 First-class Vaccinators, 3 at Rupees 18 each per mensem for the whole year, and 3 at Rupees 15 each for 3 months.	783 0 0	734 2 6		
Tinnevely Circle ...	18 Second-class Vaccinators, at Rupees 10 each per mensem, 8 for the whole year, 3 for 9 months and 2 for 7 months.	1,370 0 0	1,349 13 1		
	1 Probationer, at Rupees 4 per mensem, for 11 months ...	44 0 0	42 1 0		
	1 Vaccine Clerk, at Rupees 10 per mensem, for 9 months ...	90 0 0	90 0 0		
	Batta to mothers of vaccinated children ...	...	12 11 4		
	Contingencies ...	...	3 8 0		
	Postage stamps ...	...	...		
	Batta to mothers of vaccinated children ...	...	...		
	Contingencies ...	...	...		
	Total ...	...	...		
	Assistant Superintendent's salary, at Rupees 40 per mensem, for 3 months.	...	...		

Shermadavi Circle ...	Postage stamps ...	...	15 14 6		
	Famine Batta to Vaccinators ...	...	71 10 5		
	Assistant Superintendent's salary, at Rupees 40 per mensem, for 3 months.	...	...		
	3 First-class Vaccinators, do. at " 18 each do. ...	648 0 0	648 0 0		
	4 Second-class do. do. at " 10 do. ...	480 0 0	480 0 0		
	1 Probationer, at Rupees 4 per mensem, for 10 months ...	40 0 0	30 13 10		
	1 Vaccine Clerk, at Rupees 5 per mensem, for 9 months ...	45 0 0	45 0 0		
	Contingencies ...	...	2 6 10		
	Batta to mothers of vaccinated children ...	...	1 6 0		
	Postage stamps ...	...	2 0 0		
Cuddapah Circle ...	Famine Batta to Vaccinators ...	...	23 3 1		
	Superintendent's salary, at Rupees 70 per mensem ...	1,333 0 0	1,232 13 9	4,937	0 4 7
	4 First-class Vaccinators, at Rupees 18 each per mensem ...	840 0 0	840 0 0		
	10 Second-class do. do. at " 10 do. ...	864 0 0	863 0 0		
	4 Probationers, at Rupees 7 each per mensem ...	1,200 0 0	1,088 11 2		
	1 Peon, at Rupees 7 per mensem ...	336 0 0	309 10 4		
	Contingencies ...	84 0 0	84 0 0		
	Batta to mothers of vaccinated children ...	...	6 2 8		
	Postage stamps ...	25 0 0	5 4 0		
	Famine Batta to Vaccinators ...	360 0 0	124 2 4		
Madanapully Circle ...	Superintendent's salary, at Rupees 70 per mensem ...	3,709 0 0	3,390 12 0	3,233	81.30
	4 First-class Vaccinators, at Rupees 18 each per mensem ...	840 0 0	840 0 0		
	4 Second-class do. do. at " 10 do. ...	864 0 0	828 9 11		
	1 Peon, at Rupees 6 per mensem ...	480 0 0	462 0 0		
	Contingencies ...	72 0 0	82 0 0		
	Postage stamps ...	...	0 14 0		
	Batta to mothers of vaccinated children ...	...	...		
	Contingencies ...	...	...		
	Total ...	...	...		
	Assistant Superintendent's salary, at Rupees 40 per mensem, for 3 months.	...	...		

A.
No. III.—Statement showing the Expenditure of the Vaccine Department in each District of Superintendence in the Madras Presidency during the Year 1876-77—continued.

1	2	3	4	5	6		
		Sanctioned.	Expenditure.	Total Number Vaccinated.	Percentage of Success, including those Unknown from the Total.	Cost of each Successful Case.	
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
Madanapully Circle— continued.	A.—PAID BY GOVERNMENT—continued.						
	Famine Batta to Vaccinators	...	...	...	...	...	...
	Postage stamps	...	...	...	...	...	...
	Total	2,256	0 0	2,238	1 7	89.49	15 11
Karnool District	Superintendent's salary, at Rupees 70 per mensem	840	0 0	840	0 0		
	4 First-class Vaccinators' salaries, at Rupees 18 each per mensem	864	0 0	792	4 3		
	7 Second-class do. do. at " 10 each do.	840	0 0	794	13 10		
	1 Probationer, at Rupees 5 per mensem	60	0 0	16	0 0		
	Contingencies	...	...	24	2 0		
	Batta to mothers of vaccinated children	...	...	2	15 0		
	Postage stamps	...	...	25	0 0		
	Total	2,604	0 0	2,496	3 1	91.91	0 13 9
	Superintendent's salary, at Rupees 70 per mensem, from 1st April to 31st August 1876.	360	0 0	350	0 0		
	Assistant Superintendent's salary, from September to November, at Rupees 40, and 10 Rupees travelling allowance per mensem.	150	0 0	150	0 0		

Bellary Circle	Assistant Superintendent's salary, at Rupees 40 per mensem, from December to March 1877.	160	0 0	106	12 4			
	2 First-class Vaccinators, at Rupees 18 each per mensem	432	0 0	432	0 0			
	11 Second-class Vaccinators, at Rupees 10 do.	1,310	0 0	1,299	0 6			
	Contingencies	...	...	2	4 0			
	Batta to mothers of vaccinated children	50	0 0	53	11 6			
	Postage stamps	40	0 0	110	0 0			
	Famine Batta to Vaccinators	...	...	...	...			
	Total	2,492	0 0	2,503	12 4	7,788	94.54	
	Superintendent's salary, at Rupees 70 per mensem	840	0 0	840	0 0			
	2 First-class Vaccinators, at Rupees 18 each per mensem	432	0 0	437	0 0			
Pennacondah Circle	2 Second-class Vaccinators, at " 10 do.	240	0 0	230	0 0			
	Contingencies	...	...	...	...			
	Batta to mothers of vaccinated children	...	...	11	0 0			
	Postage stamps	...	...	...	...			
	Total	1,512	0 0	1,508	0 0	4,230	92.55	
	Assistant Superintendent's salary, at Rupees 40 per mensem, and travelling allowance at Rupees 10.	600	0 0	456	3 0			
	2 First-class Vaccinators, at " 18 each per mensem	432	0 0	406	0 0			
	3 Second-class Vaccinators, at " 10 do.	360	0 0	320	1 6			
	Contingencies	...	...	30	3 10			
	Batta to mothers of vaccinated children	...	...	19	8 0			
Ghootty Circle	Postage stamps	...	...	3	0 0			
	Famine Batta to Vaccinators	...	...	...	...			
	Total	1,392	0 0	1,235	0 4	3,874	98.69	
	Superintendent's salary, at 70 Rupees per mensem	840	0 0	882	1 3			
	Travelling allowance to Superintendent, at 8 Annas per diem, from November 1876.	...	...	75	0 0			
	4 First-class Vaccinators, at Rupees 18 each per mensem	864	0 0	863	0 0			
	13 Second-class do. at " 10 do.	1,560	0 0	1,504	2 2			
	1 temporary Second-class Vaccinator, at Rupees 10 per mensem	...	...	40	0 0			
	Salem Circle	Superintendent's salary, at 70 Rupees per mensem	840	0 0	882	1 3		
		Travelling allowance to Superintendent, at 8 Annas per diem, from November 1876.	...	...	75	0 0		
4 First-class Vaccinators, at Rupees 18 each per mensem		864	0 0	863	0 0			
13 Second-class do. at " 10 do.		1,560	0 0	1,504	2 2			
1 temporary Second-class Vaccinator, at Rupees 10 per mensem		...	...	40	0 0			
Superintendent's salary, at 70 Rupees per mensem		840	0 0	882	1 3			
Travelling allowance to Superintendent, at 8 Annas per diem, from November 1876.		...	...	75	0 0			
4 First-class Vaccinators, at Rupees 18 each per mensem		864	0 0	863	0 0			
13 Second-class do. at " 10 do.		1,560	0 0	1,504	2 2			
1 temporary Second-class Vaccinator, at Rupees 10 per mensem		...	...	40	0 0			

A.
No. III.—Statement showing the Expenditure of the Vaccine Department in each District of Superintendence in the Madras Presidency during the Year 1876-77—continued.

1	2	3	4	5	6
	Sanctioned.	Expenditure.	Total Number vaccinated.	Percentage of Success, excluding those Unknown from the Total.	Cost of each Successful Case.
A.—PAID BY GOVERNMENT—continued.					
Salem Circle—continued.	1 Peon, at Rupees 6 per mensem, subsequently raised to 7 Rupees.	51 0 0	50 12 11		
	Contingencies	100 0 0	39 7 6		
	Batta to mothers of vaccinated children	50 0 0	63 3 6		
	Postage stamps	40 0 0	67 5 0		
	Famine Batta to Vaccinators	...	8 0 0		
	Allowance to 1 Vaccinator working on the Shervaroy Hills	...	...		
	Total ...	3,505 0 0	10,548	96.68	0 5 10
Ossoor Circle	Assistant Superintendent's salary, at Rupees 40 per mensem	540 0 0	478 8 0		
	9 Second-class Vaccinators, at Rupees 10 each do.	1,080 0 0	850 12 9		
	3 Probationers, at Rupees 5 each per mensem	180 0 0	...		
	1 Peon, at Rupees 6 per mensem	76 10 8	53 10 8		
	Contingencies	...	37 0 10		
	Batta to mothers of vaccinated children	...	18 6 6		
	Postage stamps	...	40 8 0		
	Famine Batta to Vaccinators	...	...		
	Total ...	1,876 10 8	7,192	93.34	0 3 10

Coinbatore District	Superintendent's salary, at Rupees 70 per mensem	840 0 0	840 0 0		
	Travelling allowance to Superintendent, at 1 Rupee per diem	200 0 0	222 4 0		
	1 Assistant Superintendent, at Rupees 40, and 10 Rupees travelling allowance per mensem.	600 0 0	150 0 0		
	4 First-class Vaccinators, at Rupees 18 each per mensem	864 0 0	721 11 10		
	7 Second-class Vaccinators, at Rupees 10 each do.	840 0 0	715 5 2		
	19 Probationers, at Rupees 7 each per mensem, for 3 months	399 0 0	236 11 0		
	Contingencies	100 0 0	3 2 6		
	Batta to mothers of vaccinated children	50 0 0	0 8 0		
	Postage stamps	40 0 0	42 6 6		
	Total ...	4,033 0 0	2,932 1 0	24,147	95.55 0 2 1
Malabar District	Superintendent's salary, at Rupees 70 per mensem	840 0 0	826 2 0		
	4 First-class Vaccinators, at Rupees 18 each per mensem	864 0 0	864 0 0		
	7 Second-class Vaccinators, at Rupees 10 each do.	840 0 0	776 9 1		
	Contingencies	...	34 8 0		
	Batta to mothers of vaccinated children	50 0 0	28 0 0		
	Postage stamps	...	28 0 0		
	Total ...	2,594 0 0	2,557 3 1	8,985	87.77 0 5 1
South Canara District	Superintendent's salary, at Rupees 70 per mensem	840 0 0	800 0 0		
	5 First-class Vaccinators, at Rupees 18 each per mensem	1,080 0 0	995 5 7		
	7 Second-class Vaccinators, at Rupees 10 each do.	840 0 0	790 15 9		
	8 Probationers, at Rupees 5 each per mensem, from May 1876 to February 1877, and at Rupees 7 each from March 1877	456 0 0	411 1 2		
	Contingencies	100 0 0	46 2 0		
	Batta to mothers of vaccinated children	50 0 0	10 5 1		
	Postage stamps	40 0 0	25 0 0		
	Total ...	3,406 0 0	3,077 13 7	39,340	97.54 0 1 4
Nellore Circle	Superintendent's salary, at Rupees 70 per mensem	840 0 0	840 0 0		
	4 First-class Vaccinators, at Rupees 18 each per mensem	864 0 0	846 0 0		
	7 Second-class Vaccinators, at Rupees 10 each do.	840 0 0	824 9 0		

A.
No. III.—Statement showing the Expenditure of the Vaccine Department in each District of Superintendence in the Madras Presidency during the Year 1876-77—continued.

1	2	3	4	5	6
	Sanctioned.	Expenditure.	Total Number vaccinated.	Percentage of Success, excluding those Unknown from the Total.	Cost of each Successful Case.
A.—PAID BY GOVERNMENT—continued.					
Nellore Circle—contd. ...	Contingencies	RS. A. P.	RS. A. P.		RS. A. P.
	Batta to mothers of vaccinated children	20 0 0	1 8 0		
	Postage stamps	50 0 0	27 0 10		
		40 0 0	45 11 6		
	Total	2,654 0 0	2,584 13 4	98 30	0 2 8
Ongole Circle ...	Superintendent's salary, at Rupees 70 per mensem	840 0 0	840 0 0		
	4 First-class Vaccinators, at " 18 each per mensem	864 0 0	864 0 0		
	7 Second-class do. at " 10 do.	840 0 0	830 0 0		
	Contingencies	50 0 0	25 9 6		
	Batta to mothers of vaccinated children	25 0 0	5 13 0		
	Postage stamps	20 0 0	13 0 0		
	Grain batta to subjects	100 0 0	20 0 0		
	Famine Batta to Vaccinators	...	70 0 0		
	Total	2,789 0 0	2,668 6 6	97 85	0 5 2
	Superintendent's salary, at Rupees 70 per mensem	840 0 0	840 0 0		
	3 First-class Vaccinators, at " 18 each per mensem	848 0 0	848 0 0		
	4 Second-class do. at " 10 do.	490 0 0	458 9 10		

Mangalapatam Circle ...	Contingencies	...	4 6 8				
	Batta to mothers of vaccinated children	...	16 3 0				
	Postage stamps	...	43 5 0				
	Famine Batta to Vaccinators	...	54 4 10				
	Total	1,968 0 0	2,064 13 4	91 73	1 0 10		
Guntur Circle ...	Superintendent's salary, at Rupees 70 per mensem	840 0 0	830 0 0				
	1 First-class Vaccinator, at " 18 per mensem	216 0 0	216 0 0				
	5 Second-class Vaccinators, at " 10 each do.	600 0 0	559 2 3				
	Contingencies	100 0 0	20 0 6				
	Batta to mothers of vaccinated children	...	...				
	Postage stamps	...	15 0 0				
		1,756 0 0	1,640 2 9	92 82	0 7 2		
	Total		3,778				
Cocanada Circle	Superintendent's salary, at Rupees 70 per annum	840 0 0	840 0 0				
	5 First-class Vaccinators, at " 18 each per mensem	1,082 0 0	1,082 0 0				
	7 Second-class do. at " 10 do.	850 0 0	770 2 7				
	3 Probationers, at Rupees 5 each per mensem	180 0 0	169 2 8				
	Contingencies	100 0 0	5 12 0				
	Batta to mothers of vaccinated children	288 0 0	219 12 6				
	Postage stamps	80 0 0	41 12 6				
	1 Peon from 1st February 1877, at Rupees 7 per mensem	14 0 0	14 0 0				
	Double batta to Superintendent and Vaccinators for serving in the Hill Tracts of Budrachellum.	500 0 0	353 8 0				
	Allowance incurred for acting appointments	200 0 0	9 8 3				
		4,134 0 0	3,505 10 6	88 05	0 11 0		
	Total		6,190				
Ellore Circle ...	Superintendent's salary, at Rupees 70 per mensem	840 0 0	835 12 0				
	2 First-class Vaccinators, at " 18 each per mensem	432 0 0	424 12 10				
	6 Second-class do. at " 10 do.	600 0 0	587 8 0				
	Contingencies	75 0 0	4 4 6				
	Batta to mothers of vaccinated children	168 0 0	3 2 0				
	Postage stamps	40 0 0	45 0 0				
		2,155 0 0	1,900 7 4	86 11	0 9 8		
	Total		4,081				

No. III.—Statement showing the Expenditure of the Vaccine Department in each District of Superintendence in the Madras Presidency during the Year 1876-77—continued.

1	2	3	4	5	6
	Sanctioned.	Expenditure.	Total Number vaccinated.	Percentage of Success, including those Unknown from the Total.	Cost of each Successful Case.
A.—PAID BY GOVERNMENT—continued.					
Vizagapatam Range	Assistant Superintendent's salary, at Rupees 60 per mensem	Rs. 600	0	0	Rs. A. P.
	First-class Vaccinators, at Rupees 12 each per mensem	762	610	657	14 10
	Second-class do. at " 6 do.	763	2 8	707	5 1
	Probationers, at Rupees 5 each per mensem	34	5 9	34	5 9
	Contingencies	46	0	48	0
	Batta to mothers of vaccinated children	699	10	663	8 0
	Resist grants to Vaccinators	699	10	663	8 0
	Postage stamps	41	8	41	8
	Travelling allowance to Probationers	33	12	33	12
	Total	3,770	7 3	3,517	13 8
Vizianagaram Range	Superintendent's salary, at Rupees 70 per mensem	840	0	840	0
	First-class Vaccinators, at Rupees 12 each per mensem	919	11 4	890	11 10
	Second-class do. at " 6 do.	798	7 6	759	2 11
	Probationer, at Rupees 5 per mensem	30	10	30	10
	Contingencies	33	1 6	33	1 6
	Batta to mothers of vaccinated children	989	11	989	11
	Resist grants to Vaccinators	951	15	951	15
	Postage stamps	84	0	84	0
	Total	3,770	7 3	3,517	13 8
	Total	3,770	7 3	3,517	13 8

Jeypore Hill Tracts, Vizagapatam District.	Travelling allowance to Probationers	33	4	0	33	4	0				
	Superintendent's salary, at Rupees 70 per mensem	4,680	12	5	4,502	4	4	15,242	99	13	0
	Assistant Superintendent's salary, at Rupees 40 per mensem for 1 month.	840	0	0	770	0	0				
	6 Second-class Vaccinators, at Rupees 10 each per mensem	720	0	0	629	0	0				
	Contingencies	20	0	0	...	...	...				
	Batta to mothers of vaccinated children	50	0	0	...	...	...				
	Postage stamps	40	0	0	...	...	...				
	Travelling allowance	540	0	0	183	0	0				
	Total	2,210	0	0	1,632	0	0	1,532	89	78	1
	Total	2,210	0	0	1,632	0	0	1,532	89	78	1
Chittoorpore Circle	Superintendent's salary, at Rupees 70 per mensem	840	0	0	899	9	7				
	4 First-class Vaccinators, at Rupees 18 each per mensem	864	0	0	770	13	8				
	13 Second-class do. at " 10 do.	1,560	0	0	1,314	9	4				
	Contingencies	25	0	0	37	13	6				
	Batta to mothers of vaccinated children	50	0	0	...	...	...				
	Postage stamps	92	5	0	42	0	0				
	1 Peon, at Rupees 6 per mensem	72	0	0	30	0	0				
	Total	3,503	5	0	3,094	14	1	4,547	91	10	0
	Total	3,503	5	0	3,094	14	1	4,547	91	10	0
	Total	3,503	5	0	3,094	14	1	4,547	91	10	0
Chicasole Circle	Superintendent's salary, at Rupees 50 per mensem	600	0	0	620	12	9				
	2 First-class Vaccinators, at " 18 each per mensem	432	0	0	369	13	11				
	8 Second-class " at " 10 do.	960	0	0	935	0	0				
	Contingencies	50	0	0	...	...	...				
	Batta to mothers of vaccinated children	25	0	0	...	...	...				
	Postage stamps	27	11	0	25	15	6				
	Travelling allowance to Superintendent, at 8 Annas per diem	200	0	0	56	0	0				
	Total	2,294	11	0	2,015	14	5	3,463	91	23	0
	Total	2,294	11	0	2,015	14	5	3,463	91	23	0
	Total	2,294	11	0	2,015	14	5	3,463	91	23	0
Hill Tracts, Ganjam	Superintendent's salary, at Rupees 70 per mensem	840	0	0	840	0	0				
	6 Second-class Vaccinators, at Rupees 10 each per mensem	720	0	0	720	0	0				
	Contingencies	25	0	0	...	...	...				
	Total	1,585	0	0	1,560	0	0				

A.
No. III.—Statement showing the Expenditure of the Vaccine Department in each District of Superintendence in the Madras Presidency during the Year 1876-77—continued.*

1	2	3	4	5	6
	Sanctioned.	Expenditure.	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.
Hill Tracts, Ganjam— continued.	A.—PAID GOVERNMENT—continued.				
	Batta to mothers of vaccinated children ...	24 0 0	4 8 3		
	Postage stamps ...	...	6 13 0		
	Travelling allowance ...	...	492 0 0		
	Total ...	1,609 0 0	2,067 1 6	99.05	0 7 4
	Grand Total ...	121,394 12 1	114,348 15 3	96.29	0 5 7
Bangalore ...	MILITARY CANTONMENTS.				
	1 First-class Vaccinator, at Rupees 18 per mensem ...	216 0 0	216 0 0		
	1 Second-class do. at " 10 do. ...	120 0 0	120 0 0		
	Batta to mothers of vaccinated children ...	...	19 1 0		
	Total ...	336 0 0	355 1 0	95.27	0 3 9
Secunderabad ...	1 First-class Vaccinator, at Rupees 18 per mensem ...	216 0 0	216 0 0		
	1 Second-class do. at " 10 do. ...	120 0 0	120 0 0		
	Total ...	336 0 0	336 0 0	94.76	0 2 0

Kamptee ...	1 Second-class Vaccinator, at rupees 10 per mensem ...	120 0 0	120 0 0	...	...	...	...	...	...
	Total ...	120 0 0	120 0 0	588	88.88	0 3 11			
	Grand Total ...	792 0 0	811 1 0	5,240	94.24	0 2 9			
TEMPORARY VACCINATORS.									
Dindigul Circle ...	7 Second-class Vaccinators, at Rupees 10 per mensem : 1 for 8 months, 2 for 4 months, 3 for 5 months, and 1 for 3 months.	285 3 9	285 3 9	2,492	94.71	0 1 11			
	4 Second-class Vaccinators, at Rupees 10 per mensem ...	480 0 0	390 3 10	5,087	96.92	0 1 4			
	7 Do. do. at " 10 do. ...	840 0 0	769 2 8	2,847	94.03	0 4 5			
	4 Do. do. at " 10 do. ...	112 5 8	112 5 8	1,187	94.23	0 1 8			
	10 Do. do. at " 10 do. for 2 months.	145 13 4	145 13 4	4,713	95.10	0 0 6			
	Total ...	1,863 6 9	1,702 13 3	16,318	96.03	0 1 10			
	9 Private Vaccinators in different Districts ...	...	...	3,048	94.29	...			
	Total ...	...	...	3,048	94.29	...			
PAID BY NATIVE CHIEFS OR LANDLORDS.									
Jeypore Hill Tracts, Vizagapatam District.	10 Second-class Vaccinators, at Rupees 10 each per mensem ...	960 0 0	862 14 4	1,843	88.99	0 9 0			
	2 Second-class Vaccinators, at " 13 each per mensem ...	312 0 0	312 0 0	965	87.22	0 6 2			
	1 Do. Vaccinator, at " 10 do. ...	120 0 0	120 0 0	623	98.61	0 3 4			
	1 Do. do. at " 10 do. ...	120 0 0	103 6 6	416	90.83	0 4 7			
	Total ...	1,512 0 0	1,398 4 10	3,847	90.29	0 6 10			

1		2		3		4		5		6	
		Sanctioned.		Expenditure.		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.
Ossor Circle, Salem District.		PRICE VACCINATORS.									
		4 Second-class Vaccinators, at Rupees 10 per mensem ...									
		Contingencies ...									
		Famine Batta to Vaccinators ...									
		Total ...									
Visagapatnam District ...		CONSERVANCY ESTABLISHMENT.									
		Result grants paid to 4 Sergeants and three Maistries, at 1 Anna for each successful operation.									
		Batta to mothers of vaccinated children ...									
		Total ...									
South Arcot District ...		RESULT SYSTEM VACCINATORS.									
		4 Vaccinators, at Rupees 7 each per mensem, Batta at 1 Anna for each successful case, and 1 Rupee reward for every hundred successful cases.									
		1 Inspecting Vaccinator, at Rupees 25 per mensem ...									
		Total ...									

[illegible]

A.
No. III.—Statement showing the Expenditure of the Vaccine Department in each District of Superintendence in the Madras Presidency during the Year 1876-77—continued.

1		2		3		4		5		6	
		Sanctioned.		Expenditure.		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.	RS.	A. P.	RS.	A. P.
MUNICIPALITIES—continued.											
Chingleput District	...	240	0	215	3	865	0	94.42	0	5	3
Do. at Vellore, at	10 do.	240	0	240	0	2,438	0	97.73	0	1	3
1 Vaccinator at Wallajahpet, at	10 per mensem	120	0	120	0						
Batta to mothers for supplying lymph	...	50	0	22	0	216	0	96.75	0	11	2
Contingencies	...	5	0	3	6						
4 Vaccinators at Trichinopoly, at Rupees — per mensem	...	Not known.				1,558	0	85.76	...		
2 Do. at Tanjore, at Rupees 12 and 10 each per mensem.	...	264	0	264	0	1,041	0	96.91	0	4	2
1 Vaccinator at Mayaveram, by result system, at 4 Annas per	successful case.	180	0	161	4	601	0	94.80	0	4	9
4 Vaccinators at Negapatam, 1 Permanent and 3 Temporary, at	Rupees 10 and 5 and 2 Annas per successful case.	220	5	220	5	1,030	0	88.22	0	3	11
1 Vaccinator at Combaconum, at Rupees 15 per mensem	...	180	0	180	0	1,382	0	90.07	0	2	10
1 Do. at Munnargoody, at	10 do.	120	0	120	0	448	0	94.58	0	4	7
3 Vaccinators at Madura, 1 at	10 and 2 at Rupees 5	240	0	240	0	2,982	0	83.16	0	3	5
each per mensem.	...	186	6	186	6						
Result grant to Vaccinators	...	120	0	120	0	1,640	0	98.04	0	1	10
1 Vaccinator at Dindigul, at Rupees 10 per mensem	...	60	0	59	3						
Contingencies	...	240	0	240	0						
2 Vaccinators at Tinnevely, at Rupees 10 each per mensem	...	2	6	2	6	720	0	92.84	0	6	3
Contingencies	...	15	8	15	8						
Batta to mothers for supplying lymph	...										

Cuddapah District	1 Vaccinator at Palamcottah, at Rupees 10 per mensem	120	0	82	2	269	0	92.43	0	5	8
Kurnool District	1 Vaccinator at Tuticorin, at	180	0	180	0	690	0	88.57	0	6	4
	Batta to mothers for supplying lymph	13	0	41	15						
	1 Vaccinator at Cuddapah, at Rupees 10 per mensem	120	0	120	0	534	0	74.41	0	6	3
	1 Do. at Kurnool, at	168	0	168	0	398	0	85.75	0	7	9
	3 Vaccinators at Bellary, 2 at Rupees 10 each and 1 at Rupees	456	0	456	0	1,395	0	82.41	0	6	4
	18 per mensem.										
Bellary District	1 Vaccinator at Anantapur, at Rupees 7 per mensem	84	0	84	0	341	0	96.74	0	4	2
	Do. at Adoni, at Rupees 10 per mensem	120	0	120	0	780	0	97.37	0	2	9
Salem District	3 Vaccinators at Salem, at Rupees 20, 10, and 9 each per mensem.	468	0	484	12	1,271	0	94.06	0	6	10
Coimbatore District	1 Vaccinator at Coimbatore, at Rupees 15 per mensem	180	0	180	0	1,508	0	95.42	0	6	10
South Canara District	2 Vaccinators at Mangalore, at Rupees 10 each, 1 temporary	240	0	225	2	8,970	0	93.84	0	0	5
	from 15th May 1876 to March 1877.										
Secunderabad	2 Vaccinators at Secunderabad, at Rupees 10 each	240	0	240	0	2,342	0	98.54	0	1	10
	1 Vaccinator at Chidambaram, at Rupees 7 per mensem, with	103	8	103	8	383	0	95.41	0	5	4
	batta at 1 Anna for each successful case.										
South Arcot District	1 Vaccinator at Cuddalore, at Rupees 10 per mensem	120	0	110	0	972	0	91.47	0	2	0
	Total ...	6,640	4	6,570	11	41,172	0	92.38	0	2	11
	2 Hospital Assistants, 1 at Amindivi Islands and the other at					162		81.48	...		
	Palney Hills.										
	2 First-class Vaccinators at Neigherry Hills, at Rupees 18 each	432	0	432	0	2,461	0	94.28	0	2	11
	per mensem.										
	Allowance to 2 Vaccinators, at Rupees 5 each	120	0	120	0						
	1 First-class Vaccinator at Red Hills, at Rupees 15 per mensem,	30	0	30	0	1,632	0	99.24	0	0	4
	for two months.										
	Total ...	582	0	582	0	4,255	0	95.70	0	2	5
	Grand Total ...	134,944	15	7	126,899	6	3	483,105	0	4	11

A.

No. IV.—Statement showing Results of the Year 1876-77 as compared with those of each of the previous Five Years in the Madras Presidency.

No. 1V.—Statements showing

Presidency.

1	2	3	4	5			6	7	8	9	
				Number of Vaccinators.							
				Paid by States.	Paid from other Sources.	Total.					
Years.	Total Number of Persons Vaccinated.	Number of Successful.	Ratio per cent. Successful, excluding those Unknown from the Total.	Paid by States.	Paid from other Sources.	Total.	Number previously employed as Inoculators or Native Practitioners.	Cost of whole Establishment, and Contingencies.	Cost of Traveling Allowance and Contingencies.	Total Cost.	Cost of each Successful Case.
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	93.51	277	126	403	...	89,078 8 2	4,282 9 1	93,361 1 3	0 4 11
1873-74	366,770	330,443	93.78	366	81	447	...	88,589 15 11	6,875 7 1	94,465 7 0	0 4 7
1874-75	426,133	370,731	86.67	422	101	523	...	1,08,641 0 4	3,760 2 5	1,12,401 2 9	0 4 10
1875-76	391,414	317,561	93.89	451	82	533	...	1,12,278 4 11	4,092 15 8	1,16,371 4 7	0 5 10
1876-77	453,192	409,574	94.33	489	79	568	...	1,22,884 13 1	4,014 9 2	1,26,899 6 3	0 4 11

B.—DISPENSARY VACCINATION.

No V.—Statement showing Particulars of Vaccination in each District of Superintendence in the Madras Presidency during the Year 1876-77.

1	2	3	4	5	6	7	8	Primary Vaccination.										Re-vaccinations.			11	12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Circle.	Name and Rank of Superintendent of Vaccination.	1876-77.	1875-76.	1876-77.	1875-76.	Collectorate, Political Agency, or Native State for the Population of which Dispensary is provided.	Population of Area included in the last Column.	Name of Dispensary.	Males.	Females.	Christians.	Hindus.	Mahomedans.	Parsies.	Other Castes.	Under one year.	Above one year.	Successful.	Unsuccessful.	Total.	Results.	A.	B.	C.	D.	Percentage of Successful Cases, excluding those Unknown from the Total.	Average Number of Persons vaccinated by each Vaccinator.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		1876-77.	1875-76.	1876-77.	1875-76.				Sex.	Caste.	Age.	Results.	Successful.	Unsuccessful.	Unknown.	Total.	Successful.	Unsuccessful.	Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		1876-77.	1875-76.	1876-77.	1875-76.				Total Number of Persons vaccinated.	Number of Vaccinations attached to the Dispensary.	Number of Vaccinators attached to the Dispensary.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

General Return of Vaccination by the Medical Subordinates for the Year 1876-77.

Divisions and Forces.	Towns.		Regiments.		Regimental Lines.		Regimental Bazaars.		Bazaars.		Cantonments.		Pancheries.		Jails.		Villages.		Total.		Successful.	Unsuccessful.	General Total of Males and Females.	Ratio per Cent. of Success.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
Presidency and Northern Dis.	996	597	242	105	322	181	...	9	9	...	...	...	11	8	3,605	365	30	28	5,215	1,293	3,367	2,940	6,508	53.38
Southern Division.	489	156	12	6	404	125	...	2	...	6	3	...	...	...	2,252	86	...	...	3,165	376	2,640	714	3,541	78.71
Mysore and Ceded Districts.	287	62	513	310	...	...	...	...	...	...	...	...	...	...	1,354	78	...	...	2,154	450	1,248	1,286	2,604	49.24
Hyderabad Subsidiary Force.	...	...	68	...	630	402	4	2	196	75	105	43	29	27	...	...	...	...	1,032	549	1,243	290	1,581	81.08
Nagpore Force	...	...	69	...	650	313	12	15	...	173	133	...	...	...	...	...	...	...	904	461	955	398	1,365	70.58
Pegu Division	...	...	134	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	134	20	100	54	154	64.93
Total	1,772	815	1,038	441	2,006	1,021	16	17	207	84	284	179	40	35	7,211	529	30	28	12,604	3,149	9,553	5,682	15,763	62.63

PRICE VACCINATORS.

Annual Return of Vaccination for the Official Year 1875-76.

District.	Under one year of age.												Above one year of age.												Average Number of Operations performed by each Vaccinator.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Primary Vaccination.												Re-vaccination.		Primary Vaccination.												Re-vaccination.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	Europeans and East Indians.		Hindus.		Mahomedans.		Other Castes.		General Total.		Males.		Females.		Unsuccessful.		Unknown.		Unsuccessful.		Unknown.		Unsuccessful.				Unknown.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Oosoor Circle, Salem District.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</

OFFICE OF INSPECTOR OF VACCINATION,
MADRAS PRESIDENCY,
MADRAS, the 2nd August 1877.

(Signed) JOHN SHORTT, M.D., Surgeon-Major,
Inspector of Vaccination, Madras Presidency.

GOVERNMENT OF MADRAS.
FINANCIAL DEPARTMENT.

*Read letter from the Sanitary Commissioner for Madras, dated 24th
August 1877, No. 1,221.*

ORDER THEREON, 26th June 1878, No. 1,116.

The returns submitted with this report show a very considerable increase in the vaccine operations of the year 1876-77 over those of the preceding years. The total number of operations is stated to have been 483,192; these figures, however, include military divisions and stations which, though under the control of the Commander-in-Chief, are not strictly portions of this Presidency, whilst at the same time the operations in several Municipal towns are not included, no returns having been received from them.

Bangalore.
Hyderabad Subsidiary Force.
Nagpore Force.
Pegu Division.

2. His Grace the Governor in Council is of opinion that the statistics as now returned fail to place before Government clearly the condition of vaccine administration in the territorial unit known as the Madras Presidency. To include operations in Pegu and Hyderabad, although important from a military point of view, are not so as regards the civil administration of the Presidency. These operations also are not performed by operators of the Vaccine Department, except at Bangalore, Secunderabad, and Kamptee, but apparently by Medical servants of Government. The Surgeon-General, Indian Medical Department and the Sanitary Commissioner will report whether, in their opinion, it will not be better to exclude such statistics from the returns of the Vaccine Department proper, retaining them only in the General Sanitary Report for the Presidency, which at present includes the military stations and cantonments under the control of His Excellency the Commander-in-Chief.

3. The Government further desire that the Sanitary Commissioner will adopt the forms recently prescribed by the Government of India (G.O., 25th May 1877, No. 725,) for vaccine statistics if this has not already been done. The adoption of these forms will render it unnecessary to retain many of the divisions now made in vaccine statistics. It is noted that the forms now prescribed deal with circles of superintendence which include Municipal Towns, Native States, &c. At present in some cases Municipalities do not appear to be shewn within the circle of superintendence within which they may be situated, e.g., the Nilgiri returns do not in the report under review represent all vaccine operations on the Hills, but only in rural tracts, the returns of Ootacamund and Coonoor finding apparently no place in the

report (see page 43), the entries in Appendix II-A, page 90, being clearly incorrect. The Government observe that the Municipal Vaccinators are not as yet in all cases, it would appear, as fully subject to the control of the Vaccination Superintendents as is desirable; in fact that the Code of Rules sanctioned on the 2nd September 1876 has only been partially brought into operation. The Government remark that the Medical Subordinates performed 15,753 operations, and that these operations are seemingly included in striking the average cost of each successful case; yet no expenditure is set against these employes. It is manifest that in estimating the cost of the work such a factor should be excluded. Again, of the forty-eight Municipalities, no less than fourteen failed to send returns or furnish accounts of expenditure, among which are the important towns of Calicut, Cannanore, Cochin, Srirangam, and Tellicherry. Such defects greatly vitiate the value of the statistical returns, and cannot longer be permitted to exist. The Presidents concerned will be informed that Government will in future insist on the returns being complete and authoritative. The Government will not now further review the report before them, but will await the proposals of the Sanitary Commissioner on the many important points raised therein for securing, in connection with the rules recently passed, uniformity of system in each district, the maintenance of adequate establishments in each, the effective check of all vaccine operations in each, and the punctual submission of vaccine returns. They require that the rules approved should be forthwith introduced into each District and Municipality where this has not already been done. To aid the Government in dealing with vaccine questions, all Presidents of Local Fund Boards and Municipalities and other officers, when addressing Government or the Board of Revenue on vaccine matters, will invariably forward their letters through the Sanitary Commissioner.

4. The year was marked by the retirement of Surgeon-Major Shortt. The Government desire to place on record their high appreciation of his devotion to this benevolent branch of medical science and of his zealous and intelligent labors, both by personal exertion and by his writings, to extend its benefits to the people of this Presidency.

(True Extract.)

R

H. B. GRIGG,

Acting Under Secy. to Govt.

