

2
ANNUAL REPORT

OF THE WORK OF THE VACCINE SECTION OF THE

KING INSTITUTE OF PREVENTIVE MEDICINE,

MADRAS.

AND

REPORT ON VACCINATION

IN

THE MADRAS PRESIDENCY

FOR THE YEAR

1907-1908.

MADRAS:

PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS.

1908

3
OFFICE OF SANITARY COMMISSIONER,
MADRAS, 6th July 1908.

No. 1708.
V

From

MAJOR W. W. CLEMESHA, M.D., D.P.H., I.M.S.,
Acting Sanitary Commissioner for Madras,

To

THE SECRETARY TO GOVERNMENT,
LOCAL AND MUNICIPAL DEPARTMENT.

SIR,

I have the honour to forward herewith the Reports of the Superintendent, the King Institute of Preventive Medicine, Guindy, on the working of the Vaccine Section and of the Inspector of Vaccination and Deputy Sanitary Commissioner on Vaccination in the Presidency during the year 1907-1908. It is satisfactory to note that both the reports record progress. A separate report on the working of the Trial Scheme in the four selected districts is submitted for the information of Government. I would invite the special attention of Government to paragraph 12 of the report of the Inspector of Vaccination and Deputy Sanitary Commissioner and would request that the importance of carefully attending to the several points noticed by him in carrying out compulsory vaccination in the areas in which it is in force be impressed on the local bodies.

I have the honour to be,

Sir,

Your most obedient servant,

WM. WESLEY CLEMESHA, Major, I.M.S.,
Ag. Sanitary Commissioner for Madras.



4

ANNUAL REPORT OF THE WORKING OF THE VACCINE SECTION OF THE KING INSTITUTE OF PREVENTIVE MEDICINE, GUINDY, FOR THE YEAR ENDING 31ST MARCH 1908.

The total amount of vaccine prepared by the section during the year under report was sufficient to vaccinate 1,883,853 cases, or 22,078 more than were supplied during the previous year.

The following table shows the quantity of vaccine supplied to various bodies during the year 1907-1908 as well as the three previous years. A perusal of it will show that except in the cases of Agency Tracts, Military authorities and Municipalities there has been an increase in the amount of vaccine supplied to the various bodies:—

	1904-1905.	1905-1906.	1906-1907.	1907-1908.
Government officers including jails	8,800	16,818	17,887	21,000
Agency Tracts	62,352	58,083	36,293	27,065
Military	1,063	6,336	12,910	9,769
District Boards	1,308,035	1,401,409	1,624,752	1,648,220
Municipalities	91,000	126,856	140,228	129,657
Private persons	8,208	22,738	27,725	48,112
Total	1,478,448	1,633,250	1,861,775	1,883,853

Out of the 1,648,220 cases despatched to the various District Board Vaccinators, 1,517,145 were the regular supply stipulated for by the districts, and 131,075 were sent in answer to extra indents from vaccinators. Vaccine for 21,000 cases were supplied to Government officers including Jails, 27,095 cases to Agency vaccinators, 9,769 to Military Department, 129,657 to different Municipalities including Madras, and 48,112 to various private persons. The Corporation of Madras was supplied with vaccine for 1,700 cases only during certain months of the year.

2. As in the case of the previous official year the vaccine was supplied in the form of lanoline paste, glycerinated lymph only being sent when asked for. In last year's report it was pointed out that, after consultation with the various District Boards and Municipalities, it was decided to despatch the usual supplies of vaccine to each district on fixed dates twice a month. This new arrangement was begun in June 1907 and has proved very satisfactory.

3. The net cost of production of the total amount of vaccine including establishment charges was Rs. 49,988-13-3 as against Rs. 42,236-14-0 in the previous year—*cide* Statements A and B.

4. The cost per case was 4-182429 pies as against 4-421624 of last year and 6-5 pies the estimated cost as given in letter read in G.O., No. 1578 L., Mis., dated 4th September 1900—*cide* Statement C.

5. With regard to the low success rate obtained by all the vaccinators during the month of May it is only necessary to say that, owing to the high temperature and hot dry south-west wind, together with the malnutrition of the calves, the vesicles were less well formed and yielded a paste of poor quality.

6. During the month of December a number of experiments was carried out with the lanoline paste in order to ascertain how long it remains potent; the paste was kept in the usual tubes in a Hearson's Biological Incubator at 24°C. As a result it was found that lymph kept in this way for 31 days gave 50 per cent. of successful insertions (100 per cent. case-- successes), while that kept for the shortest period of 21 days gave 66 per cent. Out of the 26 children vaccinated 61 per cent. of the insertions proved successful. These results, I think, further emphasise the fact that great care is required in using lanoline paste, and it is hoped that in time the vaccinators will realise this and attend to such points as making a larger number of punctures in order to obtain the maximum amount of surface, the careful separation of the lips of the wounds and the thorough insertion of the paste.

7. As in the previous year the supply and sale of calves were carried out under the contract system. It was however found that the four contractors were unable to comply with the demands and throughout the months of December, January, February and March, the reserve of calves became dangerously low. Owing to the terms of the agreement the contractors can only be punished by purchasing calves elsewhere and deducting the extra cost if any from each; it is however impossible to purchase calves locally. In order to obviate this difficulty it is decided to introduce another clause in the agreement, whereby the Superintendent can fine the contractors should they fail to bring calves on the required date. It remains to be seen whether the contractors will take up the contract under these conditions.

8. There was a small outbreak of "Foot and mouth" disease in November among the reserve calves, but owing to the prompt measures adopted to stop its spread it soon died out. A few cases recurred in February and it was found the infection was acquired in the Guindy race course where the calves are sent to graze; this was stopped and there were no more cases. It has therefore been decided to give up renting the race course for grazing purposes as on more than one occasion "Foot and mouth" disease has been contracted there. The sewage farm has again been utilized for the purpose of grazing and also growing cholam and it is hoped the new paddock connected with the Serum Section may be utilized in the same way during the rainy season.

9. Three quarantine sheds with separate enclosures have been erected close to the Adayar river; these sheds will not only afford shelter to the calves, but will be of great value in case of any epidemic disease.

10. The immediate control of the technical work of the section has been in the hands of Military Assistant Surgeon Mr. H. C. Jackson from 1st April 1907 to 6th November 1907 and 11th December 1907 to 31st March 1908 and Mr. Trutwin from 7th November 1907 to 10th December 1907. Mr. Jackson has carried out his work to my entire satisfaction.

W. S. PATTON, Capt., I.M.S.,
Superintendent.

OFFICE OF THE KING INSTITUTE
OF PREVENTIVE MEDICINE,
GUINDY, 16th June 1908.

STATEMENT A.

Statement showing the Expenditure incurred during the year 1907-1908 under all heads of Expenditure of the Vaccine Section of the King Institute of Preventive Medicine.

Heads of account.	Expenditure incurred.		
	RS.	A.	P.
Deputy Superintendent	3,299	12	11
Assistant Superintendents, clerks and servants	7,319	0	0
House-rent allowance	...	...	...
Travelling allowance	79	12	0
Purchase of apparatus stores, etc.	475	13	8
Cost of boxes and receptacles for vaccine	3	4	0
Cost of calves including transport	29,917	6	0
Feeding charges of calves	4,929	8	1
Water-works	368	2	9
Gas works	275	0	0
Land acquisition charges	780	2	1
Petty repairs to buildings	53	3	9
Purchase of furniture	268	6	7
Repairs to furniture	51	0	0
Hot and cold weather charges	83	8	6
Tour charges	116	8	6
Postage charges	1,801	14	6
Telegraph charges	14	9	0
Telephone charges	170	0	0
Purchase of books	10	0	0
Cleaning charges	...	...	...
Office expenses	315	11	7
Miscellaneous	1,007	1	1
Total	51,459	13	0

STATEMENT B.

Statement showing the net Expenditure incurred during the year 1907-1908 in the King Institute of Preventive Medicine, Guindy, Vaccine Section.

Particulars.	Amount.			Total.		
	RS.	A.	P.	RS.	A.	P.
Gross expenditure as per statement A	...	...	...	51,459	13	0
Deduct--						
(1) Credits under "sale of calves" and "miscellaneous receipts" remitted to the treasury	9,580	9	8	...	...	...
(2) Cost of vaccine supplied to private bodies during the year	1,340	6	6	11,470	15	9
Net expenditure	...	...	...	39,988	13	3

STATEMENT C.

Statement showing the Number of cases for which vaccine was despatched to different bodies, private bodies being excluded during the year 1907-1908.

Officers and others for whom Vaccine was despatched.	Number of cases for which Vaccine was despatched.	Rate per case.	Total cost debitable.
		Rs. A. P.	
Government officers including jails	21,000	457 6 9	
Agency Vaccinators	27,096	590 3 6	
Military Department	2,769	212 12 3	
District Board Vaccinators	1,048,220	35,904 1 3	
Municipal Vaccinators	128,657	2,824 5 6	
Total	1,835,741	39,988 13 3	

STATEMENT D.

Returns recorded in the King Institute from the whole of the Madras Presidency classified according to the month of the year

1907-1908.

Serial number.	Months.	Number successful.	Number unsuccessful.	Percentage of success.
1907.				
1	April	97,424	5,085	95.93
2	May	87,558	6,438	93.04
3	June	91,445	6,257	93.50
4	July	83,340	6,108	93.17
5	August	87,129	4,790	94.78
6	September	92,412	4,086	95.75
7	October	88,634	4,316	95.35
8	November	92,013	3,341	96.40
9	December	95,198	2,657	97.28
1908.				
10	January	81,441	3,047	96.36
11	February	80,831	1,512	98.16
12	March	83,385	2,098	97.55
	Total	1,060,810	48,631	95.62

STATEMENT E.

Returns recorded in the King Institute from the whole of the Madras Presidency classified according to Districts.

1907-1908.

Serial number.	Districts.	Total number successful.	Total unsuccessful.	Percentage of success.
1	Anantapur	23,597	1,042	95.76
2	Bellary	26,948	655	97.60
3	Chingleput	22,831	1,688	93.11
4	Coimbatore	51,819	5,080	91.04
5	Cuddapah	44,077	1,417	96.88
6	Ganjam	68,219	3,381	95.34
7	Godavari	49,263	4,182	92.17
8	Guntur	41,861	2,014	95.41
9	Kistna	48,628	4,648	91.31
10	Kurnool	80,914	1,011	98.83
11	Madura	41,826	1,810	95.96
12	Majabar	112,903	1,871	98.37
13	Nellore	30,464	2,156	93.35
14	Nilgiris	4,335	41	99.06
15	North Arcot	68,257	2,357	96.66
16	Salem	64,780	3,274	95.18
17	South Arcot	40,095	1,719	95.88
18	South Canara	40,088	1,000	97.50
19	Tanjore	60,828	1,452	97.66
20	Tinnevely	61,875	2,562	96.03
21	Trichinopoly	44,583	1,613	96.61
22	Vizagapatam	82,524	4,228	95.12
	Total	1,060,810	48,631	95.62

REPORT ON VACCINATION IN THE MADRAS PRESIDENCY FOR THE YEAR 1907-1908.

From Captain Wm. A. JUSTICE, I.M.S., Inspector of Vaccination and Deputy Sanitary Commissioner for Madras, to the Sanitary Commissioner for Madras, No. 1653-V., dated 29th June 1908.

I have the honour to submit the annual report on vaccination in the Madras Presidency for 1907-1908 which shows the work of the past three years.

2. The office of Inspector of Vaccination and Deputy Sanitary Commissioner was held by me throughout the year. I inspected the work of Vaccinators and Deputy Inspectors in the following areas: Kollegal, Coimbatore, Kālahasti, Coonoor, Cuddalore, Chingleput, Tiruvallūr, Madurāntakam, Ponnéri, Vizianagram, Bimlipatam, Madura, Tirumangalam, Dindigul, Ammayanāyakanūr, Hosūr and Dharmapuri. Sanitary inspection of Vizianagram, Cuddalore and Bimlipatam towns was also conducted and reported on by me.

3. The following statement shows the strength of the staff employed during the last three years with the pay of each post:—

Years.	Deputy Inspectors.			First-class Vaccinators, Rs. 20-15.	Second-class Vaccinators, Rs. 12-10.	Probationers, Rs. 7-5.	Total number of Vaccinators.
	First grade, Rs. 70.	Second grade, Rs. 60.	Third grade, Rs. 40.				
1905-1906	24	7	33	238	455	113	887
1906-1907	22	20	25	302	457	133	892
1907-1908	24	20	35	298	452	119	889

4. (a) During the year under review 12 additional Deputy Inspectors of Vaccination were sanctioned by Government in G.O., No. 1016-L., dated 22nd July 1907. They were posted to the districts of Ganjām, Vizagapatam, Coimbatore, Gōdāvari, Kistna, Malabar, Salem, South Canara, Tanjore, and Tinnevely.

(b) Under G.O., No. 1350-L., dated 26th September 1907, the President or Vice-President of the Taluk Board concerned or the President of the District Board has been empowered to sanction prosecutions for failure to present children for vaccination in the areas in which vaccination has been made compulsory.

(c) Under G.O., No. 25-L., dated 3rd January 1908, the Deputy Inspectors of Vaccination of the marginally-noted ranges are permitted to draw, with effect from 1st October 1907, a local allowance of Rs. 15 per mensem each, in addition to their pay. This allowance is granted without prejudice to the special rates of travelling allowance admissible to them under sections II and III of appendix 29 to the Civil Service Regulations.

5. The following table shows the total vaccination work done by all agencies throughout the Presidency:—

	1905-1906.	1906-1907.	1907-1908.
Primary and secondary vaccination	1,357,745	1,437,924	1,503,368
Re-vaccination	107,245	113,076	124,480
Total	1,464,990	1,551,000	1,627,848

The increase in the total number of operations performed is due generally to the prevalence of small-pox. The Deputy Inspectors of the affected areas were directed to vaccinate unprotected cases in the infected villages. This contributed to the increased outturn of the year.

6. The districts which show the largest increase are Vizagapatam (30,558), North Arcot (14,739), South Arcot (14,509), Madura (10,334), Cuddapah (9,530), Koraput (7,538), Malabar (7,452), Kurnool (4,514), Guntur (3,855) and Tanjore (3,835). The largest decrease is shown in the following districts: Kistna (11,907), Gódvári (4,365), Coimbatore (3,339), South Canara (2,266) and Anantapur (2,025).

The explanations of decrease offered by the Deputy Inspectors of these districts are given below:—

Kistna.—Reduction in the minimum fixed for each vaccinator—absence of vaccinators without substitute.

Gódvári.—The Deputy Inspectors did no extra work as in the previous year owing to the redistribution of their old ranges and the formation of a new one.

Coimbatore.—Absence of vaccinators without substitute.

South Canara.—Prevalence of cholera and absence of vaccinators without substitute.

Anantapur.—Absence of vaccinators without substitute.

7. The subjoined table shows the total successful vaccinations by all agencies and the percentage of successful cases including revaccination:—

Establishment.	Number of successful vaccinations.						Total of successful vaccinations.		
	1905-1906.		1906-1907.		1907-1908.				
	Primary and secondary vaccination.	Re-vaccination.	Primary and secondary vaccination.	Re-vaccination.	Primary and secondary vaccination.	Re-vaccination.	1905-1906.	1906-1907.	1907-1908.
1	2	3	4	5	6	7	8	9	10
Local Fund vaccinators.	1,081,374	25,548	1,176,323	38,323	1,266,509	52,824	1,110,922	1,214,543	1,318,633
Government do.	18,054	1,054	11,557	724	11,319	956	19,108	12,281	12,275
Zamindari do.	3,989	204	•	•	•	•	4,194	•	•
Municipal do.	116,590	32,442	102,615	25,301	136,433	26,424	148,431	127,046	132,857
Cantonment do.	4,892	1,417	4,542	1,521	5,072	1,213	6,369	6,466	6,285
Dispensaries do.	1,024	491	78	53	120	10	1,515	121	130
Medical subordinates.	2,280	8,554	1,558	7,000	755	5,131	10,811	8,558	5,880
Total	1,222,602	73,710	1,290,673	72,825	1,380,511	86,558	1,296,312	1,369,468	1,476,069

Establishment—cont.	Ratio per cent. of successful cases.						Ratio per cent. of total successful cases.		
	1905-1906.		1906-1907.		1907-1908.				
	Primary and secondary vaccination.	Re-vaccination.	Primary and secondary vaccination.	Re-vaccination.	Primary and secondary vaccination.	Re-vaccination.	1905-1906.	1906-1907.	1907-1908.
11	12	13	14	15	16	17	18	19	20
Local Fund vaccinators.	92.3	79.8	93.2	77.9	95.4	79.7	91.9	92.6	94.7
Government do.	94.2	90.1	92.0	90.2	93.4	93.7	93.9	91.8	93.4
Zamindari do.	92.7	95.8	•	•	•	•	92.5	•	•
Municipal do.	96.5	72.9	96.3	70.9	97.6	73.8	90.8	80.9	91.7
Cantonment do.	97.6	62.1	97.4	63.6	98.5	61.0	86.6	80.8	83.4
Dispensaries do.	86.2	79.1	97.5	65.4	95.2	35.7	83.1	81.4	84.4
Medical subordinates.	79.5	77.0	80.2	73.1	70.8	68.7	77.0	74.3	69.9
Total	92.9	76.0	93.4	74.2	95.6	76.6	91.8	92.1	94.2

* There is no zamindari area as Guntur has been included in the Local Fund area.

Note. The statistics given in this statement include those exhibited in statements I and III appended to this report.

8. The following districts show the largest increase in infantile vaccination when compared with the previous year: Cuddapah (16.8), Kurnool (15.1), Vizagapatam and Koraput (14.7), Nilgiris (13.4), Madura (11.9), Gódvári (10.5) and Tanjore (10.6). The Nellore district shows a decrease (7.2).

9. As regards municipalities, 46 towns against 43 in the preceding year succeeded in vaccinating 75 per cent. and over of children under one year of age. The following municipalities show an increase: Anantapur (54.0), Vaniyambadi (50.4), Chidambaram (29.7), Adóni (28.5), Palni (25.0), Madura (24.1), Mannargudi (22.3) and Anakápalie (21.7).

10. The following table shows the cost of the various establishments and the cost of each successful case:—

Establishment.	Total expenditure.			Average cost of each successful case.		
	1905-1906.	1906-1907.	1907-1908.	1905-1906.	1906-1907.	1907-1908.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Government establishment	6,872 10 4	3,974 1 3	3,697 12 1	0 5 9	0 5 2	0 4 10
Local Fund do.	2,41,140 5 2	2,43,646 1 6	2,47,698 10 2	0 3 6	0 3 2	0 3 0
Municipal do.	34,562 2 4	33,957 6 0	32,467 1 2	0 3 10	0 4 3	0 3 11
Zamindari do.	867 1 0	•	•	0 3 4	•	•
Cantonment do.	2,389 2 0	2,671 10 2	2,680 9 11	0 6 0	0 7 0	0 6 9
Total	†2,85,831 4 10	†2,84,249 2 11	†2,86,541 1 4	0 3 7	0 3 4	0 3 1

* No Zamindari as Guntur has been included in the Local Fund area.

† Exclusive of the pay and allowance of the Inspector of Vaccination and Deputy Sanitary Commissioner.

11. 150,906 operations were performed in the municipalities during the year against 153,269 cases in 1906-07. The following towns show the largest decrease: Cocanada (3,773), Calicut (1,493), Trichinopoly (1,257), Madras (714), Coonoor (707) and Bellary (557). The decrease is attributed to the prevalence of either plague or cholera and the absence of small-pox.

The municipalities showing the largest increase are Madura (2,424), Vizianagram (609), Guntur (473) and Adóni (439).

12. During the year compulsory vaccination was introduced into 32 villages. To successfully carry out the compulsory system of vaccination in the unions, the following points should be observed, viz.: (1) maintenance of unprotected lists of children correctly and up to date, (2) issue of notices to parents or guardians of unprotected children on the due dates, (3) correct registration of births and deaths, (4) punishment of defaulters by Magistrates, and (5) making registration of births and deaths compulsory in the unions where vaccination is compulsory. Non-adherence to one or more of these points is still observable in several unions. Though under G.Os., Nos. 1005-L., dated 13th September 1905, and 1350-L., dated 26th September 1907, the President or Vice-President of Taluk Board has been empowered to sanction prosecutions, I would suggest that the Chairmen of unions should be held responsible for the strict observance of points 1, 2 and 3 and that the registers maintained by them should be made available for inspection by the Deputy Inspector of Vaccination for rectification of defects, and that these two officers or preferably the latter officer being specially interested in the matter of vaccination should also be empowered to sanction prosecutions. As instances of the laxity of the magistracy in the matter of awarding punishment to defaulters (point 4), two incidents are quoted below, which are all the more regrettable owing to their occurrence in the trial scheme areas. The Deputy Inspectors of Chingleput and Saidapet report as follows:—

(1) Out of 34 prosecutions instituted in the Sub-Magistrate's Court of Madurantakam, Chingleput Range, for the failure of parents to produce their children for vaccination, no case was taken on the register and disposed of under section 112 of the District Board's Act.

(2) No case in the Saidapet Range, proposed for prosecution after 13th December 1907 has been duly enquired into and fined by the Magistrates, the cases having been disposed of without taking them on the file.

With a view to the efficient and systematic working of the compulsory system of vaccination in the unions and to avoid recurrence of habitual and constant breach of the rules, the chairmen may be directed to submit vaccination returns, either quarterly or once in two months, similar to those submitted by the chairmen of municipalities under G.O., No. 1502-M., dated 19th October 1894, through the President, District Board, for scrutiny by this office.

13. The percentage of success obtained by the use of different kinds of lymph in Primary and Secondary vaccinations (re-vaccination omitted) is compared in the following table:—

Number of cases excluding unknown.	Area.	Method.	Whence obtained.	Percentage of success.
1,237,941*	Local Fund	... Lanoline lymph	Supplied by the King Institute of Preventive Medicine.	95.4
87,082	Municipalities	... Do.	Do. do.	97.0
23,087†	Do.	... Calmette's	Locally.	99.7
10,387*	Do.	... Glycerinated lymph	Locally.	99.5

* Includes cases in the Madras Municipality.
† Cases performed in the Madras Municipality.

The lanoline paste from the King Institute of Preventive Medicine was used in all the Local Fund districts. The percentage of success in this area rose from 94.0 in the past year to 95.4 and in the municipal area from 95.9 to 97.0. Some cases were also done with animal and glycerinated lymph in the Madras Municipality which yielded a percentage of 99.7 and 99.5 respectively.

14. 32,780 deaths occurred from small-pox against 24,775 last year.

15. The diagram attached hereto shows the proportion of population protected in the districts and municipalities.

16. The Deputy Inspectors of Vaccination of the following ranges have failed to verify 50 per cent. of the cases vaccinated in their ranges: Ganjam Hill Tracts (49.0), North Coimbatore (45.8), Párvatipur (45.4), Tellicherry (44.8), Calicut (44.9), Vizianagram (42.9), East Coimbatore (34.9) and Palghat (30.9). Their explanations for short verification may be accepted.

17. The total number of Deputy Inspectors of Vaccination on the list is 78 against 66 last year, 12 additional Deputy Inspectors having been appointed under G.O., No. 1016-L., dated 22nd July 1907. Of these 61 are Certificated Sanitary Inspectors. Five Deputies have retired from service, one was reduced from the first to the second grade and another dismissed from service. Four were fined for carelessness.

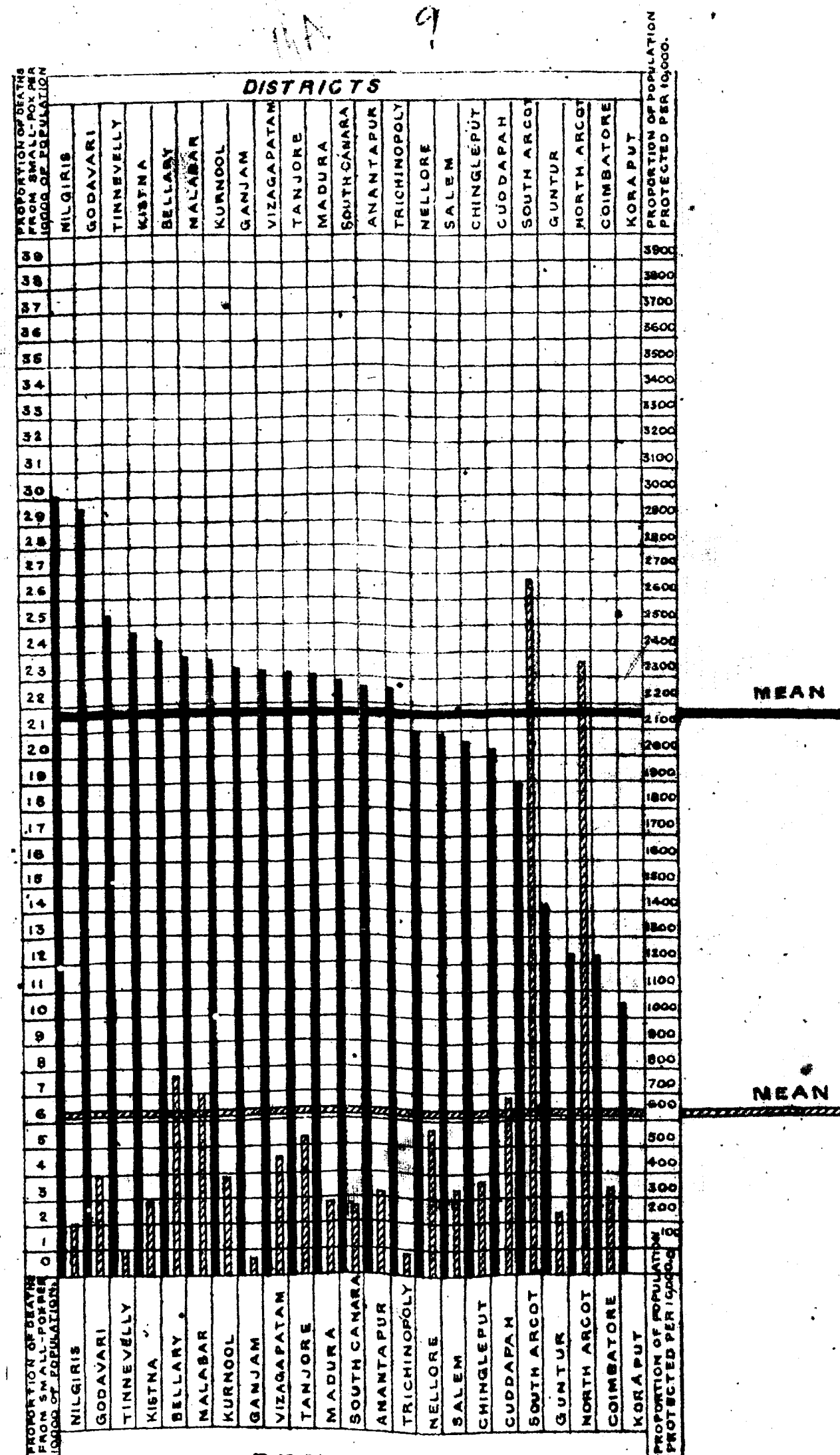
18. The service books of all Deputy Inspectors of Vaccination have been brought up to date.

I have the honour to be,

Sir,

Your most obedient servant,

WM. A. JUSTICE, Captain, I.M.S.,
Inspector of Vaccination and Deputy Sanitary
Commissioner for Madras.



REFERENCE

THICK BLACK LINES REPRESENT THE PROPORTION PER 100,000 PROTECTED FROM SMALL-POX.

SHADED LINES REPRESENT THE PROPORTION OF DEATHS FROM SMALL-POX PER 100,000 OF POPULATION.

14

APPENDIX.

VACCINATION RETURNS.

A—VACCINE

STATEMENT No. I showing the Particulars of Vaccination in the

Number.	District.	Circles.	Population of districts or circles according to the census of 1901.	Average population per square mile.	Average number of vaccinators employed throughout the season.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary and	
						Males.	Females.	Total.		Total.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
1	Ananta-pur.	Anantapur circle	154,372	141	10	8,977	8,908	18,455	1,853	17,783	9,376
2		Penukonda do.	825,044	141	7	6,231	6,011	12,242	1,749	11,050	5,228
		Total of district	779,816	141	17	15,108	14,919	31,177	1,834	29,793	14,618
3	Bellary.	Bellary circle	658,551	151	12	9,050	8,440	17,502	1,458	17,271	11,732
4		Hospet do.	7,726	151	12	7,726	6,507	14,233	1,186	12,735	8,600
		Total of district	658,551	151	24	16,784	14,950	31,784	1,322	31,106	20,785
5	Chingleput.	Chingleput circle	1,235,407	408	4	7,930	7,820	15,750	3,947	14,407	8,567
6		Saidapet do.	1,235,407	408	4	7,977	6,667	14,644	3,661	13,842	8,385
7		Ponnani do.	1,235,407	408	3	6,181	5,711	11,892	3,964	11,535	4,984
		Total of district	1,235,407	408	11	22,117	20,207	42,324	3,947	39,344	21,936
8	Coimbatore.	North Coimbatore circle	2,130,374	270	8	9,097	8,555	17,652	2,206	16,818	8,866
9		South do.	2,130,374	270	10	9,331	8,798	18,449	1,845	17,401	8,207
10		East do.	2,130,374	270	14	15,681	14,560	30,091	2,006	26,324	10,433
11		Central do.	2,130,374	270	10	8,645	8,526	17,171	1,717	15,454	8,669
		Total of district	2,130,374	270	43	32,754	30,439	63,193	4,774	58,419	26,175
12	Cuddapah.	Cuddapah circle	1,274,835	146	13	11,106	9,250	20,356	1,566	19,892	5,967
13		Madanapalle do.	1,274,835	146	16	11,964	11,202	23,166	1,448	21,898	11,897
14		Siddhavattam do.	1,274,835	146	8	6,196	5,428	11,624	1,453	11,425	3,686
		Total of district	1,274,835	146	37	29,266	25,880	55,146	1,467	53,215	21,540
15	Ganjam.	Berhampur circle	1,948,995	233	10	9,787	9,052	19,360	1,938	19,208	5,764
16		Chicasole do.	1,948,995	233	9	10,804	10,891	21,195	2,355	20,800	7,581
17		Ganjam hill tracts	1,948,995	233	13	6,783	6,434	13,217	1,016	12,161	2,121
18		Aska circle	1,948,995	233	12	9,180	8,340	17,520	1,460	17,067	4,567
19		Parlakimedi circle	1,948,995	233	7	1,039	1,581	2,620	454	2,165	1,597
20		Parushothapur circle	1,948,995	233	4	1,148	1,067	2,215	554	2,208	411
		Total of district	1,948,995	233	56	39,281	37,465	76,746	1,395	74,725	21,971
21	Godavari.	Coonada circle	1,361,457	274	12	12,927	12,615	25,542	2,126	25,272	5,326
22		Rajahmundry circle	1,361,457	274	10	11,045	10,575	21,620	2,162	20,478	4,888
23		Polavaram do.	1,361,457	274	7	3,836	3,870	7,706	1,101	7,611	1,770
24		Peddapur do.	1,361,457	274	10	8,907	8,727	17,634	1,763	17,419	3,840
		Total of district	1,361,457	274	39	31,715	30,787	62,502	1,602	60,775	14,826
25	Krishna.	Ellore circle	1,646,586	243	15	16,018	15,634	31,652	2,110	31,013	9,043
26		Masulipatnam circle	1,646,586	243	20	17,436	16,615	34,051	1,702	33,160	10,097
27		Narasapur do.	1,646,586	243	12	3,312	3,183	6,495	537	6,357	1,940
		Total of district	1,646,586	243	47	36,766	35,382	72,148	1,535	70,550	21,080

DEPARTMENT.

Madras Presidency during the official year 1907-1908.

secondary vaccinations.			Re-vaccination.			Percentage of successful cases excluding unknown.		Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average annual number of deaths from small-pox during previous 5 years.			
Successful.							Primary and secondary vaccinations.		Re-vaccination.	Primary and secondary vaccinations.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.	
1 and under 6 years.	Total of all ages.	Unknown.	Total.	Successful.	Unknown.	17	18	19	20	21	22	23	24	25		
11	12	13	14	15	16											
7,025	17,080	138	1,152	1,086	13	96.5	95.3	39.9	0.7	1.1	...	...	...	...		
5,726	11,361	84	292	220	39	95.7	86.6	35.5	0.7	13.0	...	...	...	...		
12,751	28,891	222	1,444	1,306	51	96.2	93.8	38.1	0.7	3.5	25,378	32.5	213	0.2		
4,591	17,002	62	131	106	4	98.2	83.5	36.3	0.4	3.0	...	...	...	...		
3,812	13,606	22	407	493	...	99.2	99.1	36.3	0.1	...	...	...	...	...		
8,403	30,609	84	625	593	4	98.6	96.0	36.3	0.3	0.6	29,882	34.8	1,136	1.3		
2,419	11,865	1,596	1,321	861	223	92.1	78.4	28.2	11.0	16.8	...	...	...	...		
3,142	11,870	991	1,102	672	64	93.9	64.7								6.6	5.8
4,685	9,937	710	557	222	108	93.5	49.4								6.2	19.3
10,249	33,672	3,207	2,280	1,755	395	93.1	87.9	28.2	8.2	13.3	38,796	30.9	453	0.3		
4,273	13,644	1,193	834	348	204	87.3	55.2	28.0	7.0	24.4	...	...	...	...		
6,238	15,081	1,054	1,048	481	218	92.2	57.9								6.0	20.8
9,844	21,835	1,705	3,767	1,521	799	88.6	51.2								6.5	21.2
2,260	6,267	329	210	85	57	94.8	55.5								4.7	27.1
22,615	56,847	4,281	5,859	2,435	1,278	89.9	53.2	28.0	6.3	21.8	56,704	26.7	1,021	0.4		
9,758	18,904	171	464	332	7	95.8	79.2	41.5	0.8	1.5	...	...	...	...		
7,589	21,522	9	1,268	1,146	8	98.3	90.9								0.04	0.6
5,653	10,704	155	199	143	16	94.9	78.1								1.3	8.0
23,019	51,136	339	1,931	1,651	31	98.6	86.9	41.5	0.6	1.6	35,410	27.8	908	0.4		
10,957	17,834	719	123	107	10	96.1	94.7	36.4	3.7	8.1	...	...	...	...		
10,876	19,431	573	335	237	44	95.7	81.4								2.7	13.1
6,850	11,023	353	1,076	956	36	93.3	93.7								2.9	3.4
9,848	15,743	775	453	348	38	96.6	83.8								1.5	8.4
1,335	3,027	46	47	48	2	97.1	95.6								1.5	4.3
1,451	3,110	64	7	7	...	98.4	100.0								2.9	...
41,317	69,168	2,530	2,021	1,698	130	95.8	89.8	36.4	3.4	6.4	65,012	33.4	303	0.1		
13,848	21,934	1,393	270	90	72	91.8	45.4	40.0	5.5	26.6	...	...	...	...		
11,615	18,062	682	1,147	586	208	91.7	62.4								3.3	18.1
4,269	6,887	376	95	35	22	95.1	47.9								4.8	23.1
3,403	6,649	326	215	160	15	93.7	80.0								4.3	6.9
33,135	53,562	2,771	1,727	871	317	92.3	61.8	40.0	4.6	10.8	56,004	41.1	778	0.5		
14,621	26,226	1,209	439	330	77	87.9	58.7	38.2	3.9	12.1	...	...	...	...		
16,178	29,827	812	891	745	48	92.2	88.3								2.4	5.3
3,405	5,785	218	88	37	19	94.2	53.6								3.4	21.6
34,404	61,838	2,239	1,618	1,112	144	90.5	75.4	38.2	3.2	8.9	58,103	35.3	584	0.3		

A—VACCINE

STATEMENT No. 1 showing the Particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1901	Average population per square mile	Average number of vaccinators employed throughout the year	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.		Primary and	
						Males.	Females.	Total.			Total.	Under 1 year.
28	Guntur.	Guntur circle.							2,069	19,812	2,234	
29		Narasaraopet circle.	1,146,048		10	10,808	5,880	20,688	1,306	18,816	8,088	
30		Bapatla do.			11	11,489	11,603	22,552	2,050	22,311	8,634	
		Total of district.	1,446,538		31	32,135	30,295	62,400	2,018	60,922	24,536	
31	Kurnool.	Gandam circle.	863,806		12	9,130	7,285	16,415	1,368	15,257	6,405	
32		Kurnool do.		114	13	10,469	8,900	19,369	1,480	18,719	9,088	
		Total of district.	863,806	114	25	19,599	16,185	35,784	1,431	33,975	16,793	
33	Madura.	Erindalur circle.			4	11,014	10,691	21,705	5,426	20,941	8,194	
34		Madura do.			4	12,561	11,872	24,433	6,108	24,826	8,743	
35		Paramagudi do.	2,094,074	307	12	11,266	10,564	21,920	1,827	21,508	8,820	
36	Tiruppur.	Tiruppur circle.			16	13,174	12,359	25,533	1,596	24,979	7,226	
37		Periyakulam do.			5	11,221	9,681	21,902	4,380	21,552	8,127	
		Total of district.	2,094,074	307	41	22,395	20,340	42,735	2,876	41,859	15,353	
38	Malabar.	Idicherry circle.			15	15,438	13,609	29,247	1,950	28,586	1,707	
39		Calicut do.			13	20,498	18,414	38,912	2,993	38,227	2,859	
40		Palghat do.	2,504,155	451	12	20,832	19,356	40,188	3,349	38,654	4,422	
41		Malapattam do.			10	7,405	6,683	14,088	1,404	13,581	784	
		Total of district.	2,504,155	451	38	43,743	37,462	81,205	5,796	79,017	9,773	
42	Nellore.	Central circle (Kavali).			8	8,404	7,882	16,286	2,036	15,893	5,019	
43		Southern do. (Gutari).	1,240,775	166	8	7,717	7,913	15,630	1,841	14,094	5,290	
44		Northern do. (Kangiri).			9	7,123	6,908	14,031	1,559	13,903	4,555	
		Total of district.	1,240,775	166	25	23,244	21,803	45,047	1,892	43,880	14,864	
45	Nilgiris.	Nilgiri circle.	84,316	90	3	2,075	1,817	3,892	1,297	3,635	1,336	
		Total of district.	84,316	90	3	2,075	1,817	3,892	1,297	3,635	1,336	
46	North Arcot.	Chidambaram circle.			10	9,603	8,002	17,605	1,820	17,231	7,024	
47		Vellore do.			3	2,188	8,758	17,916	5,982	17,816	7,808	
48		Karvetnagar do.	2,117,288	268	7	6,093	5,603	11,696	1,671	11,280	4,197	
49	South Arcot.	Ramapur do.			3	10,112	9,481	19,593	6,531	18,845	6,607	
50		Arani do.			6	7,310	6,714	14,024	2,320	13,660	4,050	
		Total of district.	2,117,288	268	29	22,205	20,158	42,363	2,815	40,922	15,746	
51	Salem.	Tirupattur circle.			6	7,098	6,913	14,011	2,335	11,972	5,697	
52		Salem do.			12	10,521	10,109	20,630	1,719	19,305	7,512	
53		Namakkal do.	2,103,650	280	16	15,927	14,521	30,448	1,903	28,523	11,218	
54		Hosur do.			7	8,013	7,136	15,449	2,207	14,086	7,362	
		Total of district.	2,103,650	280	41	41,559	38,579	80,538	1,964	77,886	31,789	
55	South Arcot.	Cuddalore circle.			5	14,970	14,563	29,533	5,907	29,061	8,453	
56		Vridhachalam circle.			4	8,901	8,278	17,179	2,147	16,998	7,428	
57		Tirukottai circle.	2,200,700	435	8	9,773	9,367	19,140	2,393	18,965	6,484	
58		Tandivanam do.			10	11,035	10,503	21,538	2,154	21,145	7,752	
		Total of district.	2,200,700	435	31	44,085	42,711	87,306	2,819	86,199	30,097	

DEPARTMENT.

Madras Presidency during the official year 1907-1908—continued.

Secondary vaccinations.			Re-vaccination.			Percentage of successful cases excluding unknown.		Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average annual number of deaths from small-pox during previous 5 years.	
Successful.	1 and under 6 years.	Total of all ages.	Unknown.	Total.	Successful.	Unknown.	Primary and secondary vaccinations.		Re-vaccination.	Primary and secondary vaccinations.	Re-vaccination.	Number.	Ratio per 1,000.	Number.
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
8,562	19,049	335	876	814	28	97.8	95.9	40.5	1.7	3.1	...	...	...	...
7,158	17,399	109	314	217	14	92.3	72.3		0.6	4.4				
11,016	21,046	555	241	204	16	98.7	90.6		2.5	6.6				
26,787	57,394	999	1,431	1,235	58	95.7	90.0	40.5	1.6	4.1	49,223	34.0	277	0.1
7,029	14,479	70	1,158	1,079	19	95.3	94.8	39.4	0.4	1.6	...	...	...	...
7,082	17,942	279	651	562	23	97.3	89.5		1.5	3.5				
14,111	32,421	349	1,809	1,641	42	96.4	93.4		39.4	1.9	2.3	28,632	33.1	373
8,221	17,917	1,591	784	438	96	92.6	65.6	36.4	7.3	12.5	...	...	...	...
9,047	19,374	3,794	107	42	29	94.3	53.8		15.5	27.1				
13,047	20,892	182	412	349	16	97.9	85.9		0.8	3.8				
14,137	21,530	347	551	174	35	99.1	91.3	38.4	0.9	6.3	...	...	...	...
8,729	18,023	1,417	350	150	94	89.6	58.6		6.7	26.8				
52,781	100,736	7,261	2,187	1,444	270	94.9	75.3		38.4	6.4	12.3	86,763	32.5	1,778
17,939	28,043	171	661	335	32	98.6	53.2	45.2	0.6	4.8	...	...	...	...
19,589	36,976	424	710	368	43	97.8	55.1		1.1	6.0				
30,394	37,608	562	1,534	125	38	98.7	28.4		1.4	2.4				
64,330	115,883	1,261	3,362	1,807	28	98.1	41.7	45.2	0.7	6.1	...	...	...	...
8,054	14,361	473	393	192	141	98.3	40.6	45.2	1.1	4.2	86,825	33.2	1,632	0.6
5,976	12,820	540	636	359	156	94.6	76.3		...	...				
8,587	12,310	421	128	94	14	91.3	82.4		...	...				
20,617	36,401	1,443	1,157	615	280	93.0	73.5	32.3	3.3	24.2	37,068	29.9	522	0.7
1,781	3,611	...	257	151	...	99.3	58.7	44.6	...	...	...	...	...	...
1,781	3,611	...	257	151	...	99.3	58.7		...	...				
...	...	...	...	...	...	...	...		...	...				
8,056	16,371	391	974	734	76	97.2	81.7	36.3	2.3	7.8	...	...	...	...
7,788	16,467	480	130	30	47	94.9	36.1		2.7	36.1				
5,782	11,083	80	416	379	23	98.9	96.4		0.8	5.5				
10,006	18,024	331	648	410	46	96.8	68.1	36.3	1.7	7.1	...	...	...	...
7,994	13,138	88	264	171	31	96.7	73.4		0.6	11.7				
39,620	75,063	1,389	2,432	1,724	223	96.8	78.0		36.3	1.8	9.2	47,902	22.7	2,464
2,705	9,465	109	4,039	3,047	202	95.9	79.4	35.0	1.0	5.0	...	...	...	...
8,889	17,759	536	1,325	913	206	94.6	81.6		2.7	15.5				
13,306	26,362	688	1,925	1,410	339	94.7	88.9		2.4	17.6				
5,388	13,288	224	1,363	823	191	95.8	78.7	35.0	1.5	14.0	...	...	...	...
30,288	66,874	1,557	8,652	6,233	938	95.0	81.6		2.2	10.8	61,778	29.3	958	0.4
8,789	18,518	3,683	472	215	206	95.5	80.8	32.4	33.3	43.6	...	...	...	...
7,859	16,134	297	181	126	25	96.6	80.7		1.7	13.8				
9,734	17,856	399	151	98	11	96.0	70.0		2.1	7.2				
10,949	20,026	477	393	273	60	96.8	81.9	32.4	2.2	15.2	...	...	...	...
37,331	72,534	10,856	1,197	712	302	96.3	79.6		32.4	12.6	25.2	60,139	26.6	1,380

A—VACCINE

STATEMENT NO. I showing the Particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1901	Average population per square mile	Average number of vaccinators employed throughout the season	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary and	
						Males	Females	Total		Total.	Under 1 year.
59	South Canara.	Northern circle	1,086,997	271	12	11,106	10,511	21,617	1,801	20,920	4,412
60		Central do.				1,835	1,849	3,684	528	3,663	1,062
61		Southern do.				8,205	8,101	16,306	1,482	16,012	4,322
		Total of district	1,086,997	271	30	21,146	20,461	41,607	1,887	40,585	9,796
62	Tanjore.	Tanjore circle	2,025,571	550	9	9,548	18,240	22,828	2,514	21,475	8,080
63		Negapatam do.				11,958	11,660	23,618	2,374	21,349	7,721
64		Pattukkottai do.				9,453	8,977	18,433	2,048	17,271	6,461
65		Kumbakonam do.				4,502	4,373	8,875	986	8,284	2,729
		Total of district	2,025,571	550	34	35,304	38,260	73,564	2,163	68,459	25,001
66	Tinnevely.	Srivilliputhur circle	1,925,163	358	8	11,593	11,150	22,743	2,843	22,212	12,594
67		Tenkasi do.				10,889	10,442	21,281	1,935	21,006	10,557
68		Sriyakkottai do.				4,424	4,248	8,672	1,084	8,484	4,334
69		Ortappidaram do.				11,576	11,055	22,631	1,886	22,893	11,908
		Total of district	1,925,163	358	39	38,482	36,895	75,327	1,931	74,125	39,883
70	Trichinopoly.	Trichinopoly circle	812,045	371	13	15,834	15,599	31,483	2,623	30,721	12,636
71		Ariyalur do.				9,832	9,067	19,799	1,980	18,263	6,340
		Total of district	1,317,010	384	22	25,716	25,596	51,282	2,831	48,974	18,976
72	Vizagapatam.	Gannur circle	2,374,340	185	8	5,015	4,577	9,592	1,006	9,385	1,333
73		Vizagapatam circle				15,096	15,656	31,382	2,239	27,397	5,448
74		Government vaccinators (Gudem hills)				174	143	317	317	317	10
75		Vizianagaram circle				28,424	28,614	56,038	2,897	39,480	11,533
		Párvatipuram do.			12	6,360	6,250	12,610	1,051	10,338	2,089
		Total of district	2,374,340	185	55	58,609	55,240	108,909	1,980	97,167	21,613
76	Koraput.	Jeypore circle	455,078	18	14	15,244	14,125	30,069	1,879	28,279	4,046
77		Koraput do.*				15,244	14,125	30,069	1,879	28,279	4,046
		Total of district	455,078	18	16	15,244	14,125	30,069	1,879	28,279	4,046
		Total of circles and districts	35,805,691	263	745	740,129	711,083	1,460,212	1,980	1,380,361	486,183
1	Military Cantonments.	Bangalore	89,599	6,929	2	742	144	1,186	593	643	404
2		Secunderabad	91,114	4,795	4	3,068	2,537	6,506	1,626	4,821	3,076
		Total of cantonments	180,713	5,000	6	1,710	2,581	7,411	1,282	5,164	3,540
		† Medical Subordinates.				8,600	291	8,881	1,045		8

* As the Deputy Inspector of Vaccination took charge of the Koraput range recently, the figures relating to the circle are included in those of Jeypore circle.

† Work performed in police hospitals, etc., jails, revenue and other departments.

DEPARTMENT.

Madras Presidency during the official year 1907-1908--continued.

secondary vaccinations.			Re-vaccination.			Percentage of successful cases excluding unknown.		Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average annual number of deaths from small-pox during previous 5 years.	
Successful.														
I and under 6 years.	Total of all ages.	Unknown.	Total.	Successful.	Unknown.	Primary and secondary vaccinations.	Re-vaccination.		Primary and secondary vaccinations.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.
12,240	20,258	286	697	341	56	98.1	68.7	38.2	1.3	8.0	32,001	30.3	453	0.4
2,381	3,618	19	31	17	4	99.5	62.9		0.5	12.9				
7,888	14,912	417	294	156	42	95.6	61.9		2.6	14.2				
22,409	38,783	722	1,022	614	102	97.3	66.7	38.2	1.8	10.0				
10,505	20,542	367	1,153	981	64	97.3	90.0	34.9	1.7	5.5				
10,949	20,658	242	2,369	2,060	163	98.3	93.4		1.0	6.9				
8,008	16,787	223	1,032	922	50	97.8	91.1		1.2	4.7				
4,784	8,193	84	511	461	31	98.8	96.0		1.0	6.0				
34,246	66,170	916	5,095	4,424	308	98.0	92.4	34.9	1.3	6.0	67,022	33.1	1,052	0.5
7,654	21,142	237	501	464	12	96.0	94.9	37.1	1.0	2.4				
7,998	19,639	547	275	196	43	95.9	84.5		2.6	1.8				
3,182	8,327	58	188	171	9	98.8	95.5		0.6	4.8				
8,470	21,304	251	238	223	9	96.2	97.3		1.1	3.7				
27,279	70,412	1,098	1,202	1,054	73	96.4	93.3	37.1	1.5	6.1	68,784	35.7	584	0.3
14,162	28,835	964	762	549	110	96.9	84.2	36.2	3.1	14.4				
8,115	16,295	1,181	1,546	1,149	267	94.0	80.8		6.2	17.2				
22,277	45,070	2,115	2,308	1,698	377	96.2	87.9		4.3	16.3	42,251	32.1	212	0.1
5,755	8,690	286	357	295	51	97.1	96.4	41.5	3.0	14.2				
15,452	23,765	1,743	3,956	2,585	416	92.6	78.0		6.3	10.5				
234	296	8	15	13	1	95.2	89.4		1.9	3.4				
18,137	38,120	452	15,158	13,088	519	96.7	89.4		1.1	3.4				
5,437	9,817	96	2,272	1,987	41	95.8	89.0		0.9	1.8				
46,016	80,698	2,587	21,742	17,925	1,027	95.4	86.7	41.5	3.0	4.7	75,528	31.9	74	0.08
15,860	26,782	293	1,790	1,465	37	95.4	83.0	37.2	0.7	2.1				
15,860	26,782	293	1,790	1,465	37	95.4	83.0		0.7	2.1	19,491	42.8		
689,906	1,277,128	48,430	73,851	53,780	6,528	95.4	79.9		3.5	8.8	1,097,554	30.7	17,896	0.5
158	622		543	478		96.7	87.1	34.8	12.2		904	10.1	58	0.6
1,079	4,450	13	1,984	740	147	98.7	40.3		0.3	7.4	4,923	54.1	3	0.03
1,387	5,072	13	2,527	1,213	147	98.5	51.0		0.3	5.8	5,327	32.2	61	0.3
98	758	95	7,838	5,181	335	79.8	68.7		9.1	4.6				

A—VACCIN

STATEMENT No. I showing the Particulars of Vaccination in

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1901.	Average population per square mile.	Average number of vaccinators employed throughout the season.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary	
						Males.	Females.	Total.		Total.	Under 15 years.
1	2	3	4	5	6	7			8	9	10
1	Adoni		30,415	15,208	1	1,004	794	1,798	1,798	1,046	1,948
2	Anantapur		7,308	7,308	1	319	190	509	509	450	398
3	Atmakapale		18,539	1,546	1	359	369	728	728	798	634
4	Bellary		58,247	2,210	1	1,658	1,146	2,804	701	2,007	1,536
5	Berhampur		25,729	6,432	1	755	685	1,440	1,440	843	671
6	Bozwada		24,224	4,609	1	794	516	1,310	1,310	1,072	800
7	Bimlipatam		10,212	2,446	1	297	244	541	541	395	312
8	Calicut		78,991	3,221	1	3,219	3,106	6,324	2,061	5,338	2,670
9	Cannanore		27,811	4,795	2	2,474	1,053	3,527	1,768	2,325	908
10	Chicacole		18,195	6,065	1	494	547	1,041	1,041	607	463
11	Chidambaram		10,200	9,854	1	621	486	1,107	1,107	903	556
12	Chingleput		10,551	8,443	1	459	246	705	705	486	392
13	Cochin		19,271	22,027	1	1,084	401	1,485	1,485	803	523
14	Cocanada		48,026	6,012	2	3,593	1,383	4,976	2,478	2,188	1,441
15	Coimbatore		51,090	17,693	2	1,417	851	2,268	1,134	1,635	1,235
16	Conjeevaram		4,164	11,535	2	835	854	1,789	894	1,617	1,371
17	Coonoor		8,525	947	1	316	125	441	441	306	204
18	Cuddalore		52,216	8,926	2	1,749	1,390	3,139	1,569	2,618	1,591
19	Cuddapah		16,432	842	1	783	348	1,131	1,131	750	401
20	Dindigul		25,192	5,394	1	747	395	1,142	1,142	945	714
21	Ellore		33,521	11,174	2	1,227	1,173	2,400	1,200	2,216	1,186
22	Erode		15,529	15,320	1	476	350	826	826	673	443
23	Gudiyattam		21,335	2,685	1	617	389	1,006	1,006	761	689
24	Guntur		30,833	1,719	1	1,201	744	1,945	1,945	1,039	833
25	Karur		12,769	12,769	1	464	257	721	721	538	408
26	Kodaikānal		1,012	161	1	58	45	103	103	88	62
27	Kumbhaksham		59,673	3,945	3	1,212	968	2,180	707	1,759	1,235
28	Kurnool		25,376	5,147	1	905	422	1,327	1,327	881	686
29	Madras		50,346	18,864	22	22,348	14,330	36,678	1,680	23,098	17,486
30	Madurai		106,964	17,624	5	5,010	4,379	9,389	1,884	8,514	6,334
31	Mannargudi		20,449	3,408	1	553	127	680	680	588	468
32	Mangalore		44,169	5,241	2	1,062	1,199	2,261	1,280	2,339	1,160
33	Maunipatnam		39,507	1,796	1	842	558	1,400	1,400	1,120	930
34	Mayasaram		14,276	8,092	1	1,066	278	1,344	1,344	551	440
35	Nandival		15,137	3,027	1	566	184	750	750	590	315
36	Narasipatnam		57,120	8,798	2	2,879	1,784	4,663	1,538	3,783	1,737
37	Nellore		32,040	1,906	1	913	417	1,330	1,330	964	791
38	Ongele		12,864	2,276	1	467	220	687	687	467	337
39	Ontonamad		18,586	1,690	1	844	449	1,293	1,293	874	743
40	Palanchoth		39,545	9,886	2	1,128	750	1,878	939	1,576	984
41	Palghat		44,177	9,081	2	1,079	1,065	2,044	1,012	1,754	1,100
42	Parakkudi		17,336	52,008	1	705	375	1,080	1,080	802	433
43	Periyakulam		17,900	23,927	1	519	368	887	887	729	634
44	Palni		17,168	8,810	1	687	354	1,041	1,041	780	618
45	Rajahmundry		36,408	3,034	2	2,291	1,092	3,383	1,691	1,999	1,156
46	Salem		70,121	8,990	2	1,792	1,392	3,184	1,592	2,796	2,080
47	Srirangam		23,000	3,201	1	728	633	1,361	1,361	1,240	928
48	Srinipattur		26,382	21,105	1	678	400	1,148	1,148	986	800
49	Tanjore		57,870	7,716	2	1,251	958	2,212	1,106	1,983	1,367
50	Tolliecherry		27,523	11,153	2	745	903	1,648	824	978	762

* Vaccination was performed by the medical officer in charge.

DEPARTMENT.

Madras Presidency during the official year 1907-1908—continued.

Secondary vaccinations.			Re-vaccination.			Percentage of successful cases excluding unknown.		Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average annual number of deaths from small-pox during previous 5 years.	
Successful.		Unknown.	Total.	Successful.	Unknown.	Primary and secondary vaccinations.	Re-vaccination.		Primary and secondary vaccinations.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
1 and under 6 years.	Total of all ages.													
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
296	1,482	90	152	151	1	95.2	100.0	53.7	5.5	0.6	1,065	35.0	24	1.1
55	480	...	59	14	6	100.0	28.4	55.5	...	10.2	281	35.4	2	0.2
112	777	...	130	76	8	97.3	62.3	46.0	...	6.1	760	41.0	1	0.05
244	1,772	7	787	401	7	88.9	50.7	37.4	0.3	0.8	1,970	33.8	108	1.8
123	793	...	597	594	1	94.0	99.6	53.5	...	0.2	1,111	43.2	1	0.03
164	1,054	5	238	169	10	98.7	74.1	50.4	0.4	4.2	1,222	50.4	5	0.2
69	390	...	116	74	1	98.7	64.3	45.4	...	0.8	429	42.0	1	0.09
1,169	5,822	4	2,386	2,261	14	98.2	96.3	105.1	0.06	0.5	7,932	103.0	158	1.7
639	2,068	81	1,302	794	287	95.5	78.2	102.5	3.6	22.0	2,950	106.1	61	2.1
101	586	...	434	409	...	96.5	94.2	54.1	...	...	921	50.6	1	0.05
221	868	12	105	63	33	96.9	87.5	46.5	1.3	31.4	627	31.5	1	0.05
61	488	6	219	108	13	97.5	62.4	54.6	1.2	5.9	710	67.3	4	0.3
197	786	11	662	343	96	99.2	60.6	58.6	1.3	14.5	1,096	58.5	50	2.5
898	1,837	168	2,768	1,369	885	90.4	72.7	66.7	7.1	31.9	3,348	69.6	4	0.06
163	1,395	83	633	136	46	89.8	81.6	29.8	5.0	7.2	1,640	30.8	165	3.1
210	1,605	10	142	99	34	98.0	91.6	37.1	0.6	24.0	1,655	35.9	38	0.8
95	378	12	36	26	2	95.9	81.2	47.4	2.9	8.6	614	72.0	17	1.9
554	2,180	435	521	321	84	99.8	73.4	47.9	16.0	16.1	2,553	48.9	1	0.01
250	717	1	341	281	44	95.7	77.7	57.1	0.1	12.9	574	34.9	1	0.06
89	821	2	297	237	21	97.3	85.8	42.0	0.2	7.0	1,224	46.6	46	1.8
896	2,188	1	164	94	18	97.4	66.1	68.1	0.04	7.7	3,356	100.1	7	0.2
157	623	3	153	98	26	93.0	72.6	46.1	0.4	10.3	631	34.2	12	0.7
95	742	4	145	133	...	98.0	91.7	41.0	0.5	...	766	36.9	32	1.5
140	1,021	12	909	612	90	99.4	74.7	52.9	1.1	3.9	1,262	40.9	8	0.06
49	564	...	182	118	24	97.4	71.5	48.2	...	13.1	514	40.3	11	0.7
5	88	...	16	11	...	100.0	73.3	51.8	...	...	116	60.7	1	0.5
386	1,685	3	361	272	1	95.9	75.5	32.8	0.1	0.2	1,983	33.2	38	0.5
207	872	...	447	200	84	98.9	71.6	44.6	...	18.7	1,036	40.8	9	0.3
4,711	22,655	334	13,888	7,578	1,539	99.6	64.0	59.9	1.4	11.4	31,484	61.8	199	0.3
2,458	8,386	25	875	708	27	98.4	83.0	65.3	0.2	8.0	6,064	57.2	222	2.0
182	898	1	92	46	9	97.8	55.4	44.7	0.1	9.7	780	38.1	8	0.3
1,121	2,329	...	225	213	...	99.7	94.6	57.6	...	...	2,335	52.9	24	0.5
83	1,079	...	280	221	...	96.3	78.9	82.9	...	...	1,250	31.6	1	0.02
42	528	4	731	728	8	98.5	104.0	51.7	0.7	0.4	908	37.4	12	0.4
41	586	1	160	130	...	99.4	99.4	49.2	0.2	...	737	60.0	2	0.1
1,747	3,568	15	830	498	123	96.3	70.0	71.4	1.2	16.0	4,180	73.2	58	1.0
100	909	31	365	153	129	97.4	64.5	35.1	3.2	35.2	1,042	32.5	27	0.8
51	407	7	160	127	12	98.5	85.8	41.5	1.5	7.5	531	41.3	1	0.07
71	869	1	119	387	7	99.5	93.9	67.5	0.1	1.6	1,912	65.2	1	0.05
248	1,417	59	302	270	3	92.8	90.3	42.6	3.2	1.0	1,682	42.5	32	0.8
406	1,711	...	430	217	...	97.5	96.0	45.9	...	...	2,107	47.7	20	0.4
284	840	...	218	197	...	97.4	85.7	59.2	...	...	949	54.7	...	...
91	725	2	148	87	68	90.7	90.6	45.2	0.2	3.1	824	45.9	1	0.05
156	713	2	311	253	24	97.9	90.2	56.6	0.2	7.7	762	44.4	1	0.05
718	1,924	2	1,327	894	65	96.3	72.5	77.4	0.1	7.1	2,350	64.5	9	0.2
111	2,742	...	358	173	9	99.1	88.6	41.3	...	2.5	2,676	36.5	68	0.9
306	1,200	26	121	162	11	98.3	82.7	56.5	1.6	9.0	1,219	52.9	2	0.8
96	821	2	156	129	4	97.6	83.2	41.3	0.2	2.6	1,120	42.5	2	0.07
286	1,947	...	229	148	...	98.1	82.0	36.9	...	...	1,956	33.1	68	1.1
112	967	8	370	130	76	99.6	44.2	39.3	0.8	20.5	1,219	43.7	8	0.2

A—VACCINE

STATEMENT NO. I showing the Particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1901.	Average population per square mile.	Average number of vaccinators employed throughout the season.	Total number of persons vaccinated			Average number of persons vaccinated by each vaccinator.	Primary and	
						Males.	Females.	Total.		Total.	Under 1 year.
1	2	3	4	5	6	7	8	9	10	11	12
51	Municipalities—cont.	Tinnevely	50,469	5,058	2	944	775	1,719	859	1,482	1,177
52		Trichinopoly	104,721	8,727	4	3,839	2,677	6,516	1,629	5,460	2,462
53		Tirupattūr	18,689	7,175	1	443	278	719	719	524	486
54		Tirupati	15,485	4,266	1	315	237	582	582	417	382
55		Tiruvannāmalai	17,069	1,552	1	494	356	850	850	775	603
56		Tuticorin	28,048	9,319	1	904	484	1,388	1,388	1,268	809
57		Vānciambādi	12,005	1,802	1	490	469	959	959	951	769
58		Vellore	43,537	6,966	2	1,066	821	1,887	943	1,741	1,075
59		Vizavampam	40,892	7,789	1	1,359	650	2,009	2,009	1,115	812
60		Vizianagaram	34,593	8,646	1	1,821	1,176	2,497	2,497	1,407	987
61		Walajapet	10,067	10,067	1	357	168	525	525	453	297
		Total of Municipalities.	2,422,127	5,835	114	91,249	59,657	150,906	1,324	110,069	75,690
		Grand Total	38,227,819	271	866	853,688	774,002	1,627,690	1,187	1,206,269	505,420

Note.—This statement does not include the statistics of dispensary vaccination.
N.B.—In calculating the percentage of success shown in this statement and
 * Exclude the population of the cantonments of Bangalore and Secunderabad.
 † In finding the average number of persons vaccinated, the total work of medical

DEPARTMENT.

Madras Presidency during the official year 1907-1908—continued.

Secondary vaccinations.			Re-vaccination.			Percentage of successful cases excluding unknown.		Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average annual number of deaths from small-pox during previous 5 years.	
Successful.						Primary and secondary vaccinations.	Re-vaccination.		Primary and secondary vaccinations.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
1 and under 6 years.	Total of all ages.	Unknown.	Total.	Successful.	Unknown.	17	18	19	20	21	22	23	24	25
208	1,486	9	237	198	23	97.4	90.1	40.3	0.6	9.7	1,468	38.3	16	0.3
2,808	5,229	65	1,056	890	92	96.9	92.3	58.4	1.1	8.7	7,947	75.9	122	1.1
36	621	...	195	194	...	99.4	99.4	28.3	...	...	590	31.6	14	0.7
48	400	...	165	110	39	95.9	86.6	32.9	...	23.0	509	32.9	6	0.3
110	730	9	75	58	6	95.3	84.0	46.2	1.1	8.0	672	39.4	5	0.2
309	1,273	...	100	86	1	98.8	86.8	48.5	...	1.0	1,283	45.7	8	0.2
143	941	...	8	7	...	98.9	87.5	79.0	...	...	753	62.7	11	0.9
592	1,698	7	146	56	82	97.9	87.5	40.3	0.4	56.1	1,376	31.6	121	2.8
237	1,099	1	804	454	168	98.6	62.5	38.0	0.08	18.7	1,437	35.1	1	0.02
247	1,314	...	1,040	960	...	93.3	88.0	65.8	...	...	1,676	48.5	1	0.02
52	440	8	72	61	8	98.8	100.0	50.0	1.8	11.1	438	43.3	1	0.09
25,027	106,433	1,575	40,237	26,424	4,437	97.6	73.8	54.9	1.4	11.0	127,666	52.7	1,866	0.7
666,328	1,389,391	50,103	124,451	86,548	11,477	95.0	76.6	38.4	3.3	9.2	1,231,047	32.2	19,828	0.5

which are exhibited separately in statement No. III.
statement No. III, unknown cases have not been taken into account.
subordinates is excluded.



L:G : 603 said not now

1002

A—VACCINE DEPARTMENT.

STATEMENT No. II showing the Cost of the Department in the Madras Presidency during the official year 1907-1908.

Sl. No.	District	Circles.	Expenditure.														Total pay of establishment.
			Inspector of Vaccination and Deputy Commissioner.				Deputy Inspectors.				Vaccinators.				Clerks.		Peons, etc.
			Pay.	First grade.	Second grade.	Third grade.	Pay.	First class.	Second class.	Third class.	Pay.	First class.	Second class.	Third class.	Pay.	Number.	
1			Rs. A. P.				Rs. A. P.				Rs. A. P.				Rs. A. P.		
2	Arundhodu	Arundhodu circle	730 5 4	1	1	1	730 5 4	2	1	1	1,514 12 3	1	1	1	53 4 8	1	2,840 12 5
3	Arundhodu	Penakonda do.	781 12 7	1	1	1	781 12 7	1	1	1	940 11 8	1	1	1	70 6 5	1	1,801 14 2
4	Arundhodu	Total of district	1,512 18 0	2	2	2	1,512 18 0	3	2	2	2,454 10 8	2	2	2	124 11 1	2	4,641 10 7
5	Bellary	Bellary circle	665 15 4	1	1	1	665 15 4	3	1	1	2,624 8 6	1	1	1	71 8 0	1	3,301 15 10
6	Bellary	Hosur circle	1,918 9 0	1	1	1	1,918 9 0	1	1	1	1,979 16 3	1	1	1	68 14 4	1	3,897 6 7
7	Bellary	Total of district	2,583 24 4	2	2	2	2,583 24 4	4	2	2	4,603 24 9	2	2	2	140 6 4	2	7,198 11 7
8	Chingleput	Chingleput circle	716 2 1	1	1	1	716 2 1	1	1	1	860 8 3	1	1	1	72 0 0	1	1,587 10 4
9	Chingleput	Siddipet do.	748 12 5	1	1	1	748 12 5	1	1	1	868 2 10	1	1	1	72 0 0	1	1,616 16 3
10	Chingleput	Ponnur do.	140 0 0	1	1	1	140 0 0	1	1	1	614 11 1	1	1	1	72 0 0	1	1,156 11 4
11	Chingleput	Total of district	1,604 14 6	3	3	3	1,604 14 6	3	3	3	2,342 11 4	3	3	3	216 0 0	3	4,461 4 11
12	Coimbatore	North Coimbatore circle	840 0 0	1	1	1	840 0 0	3	1	1	1,423 0 7	1	1	1	84 0 0	1	2,377 0 7
13	Coimbatore	South do.	440 0 0	1	1	1	440 0 0	3	1	1	1,143 7 5	1	1	1	84 0 0	1	1,667 7 8
14	Coimbatore	East do.	840 0 0	1	1	1	840 0 0	3	1	1	2,296 12 11	1	1	1	77 0 0	1	3,213 13 11
15	Coimbatore	Central do.	1,460 10 8	1	1	1	1,460 10 8	3	1	1	2,484 14 10	1	1	1	16 1 7	1	4,511 11 1
16	Coimbatore	Total of district	3,540 10 8	4	4	4	3,540 10 8	10	4	4	5,347 11 9	4	4	4	261 1 7	4	8,100 1 0
17	Cuddalore	Cuddalore circle	550 5 4	1	1	1	550 5 4	4	1	1	1,847 3 8	1	1	1	84 0 0	1	2,440 9 0
18	Cuddalore	Madhavapalle do.	910 0 0	1	1	1	910 0 0	5	1	1	2,414 9 3	1	1	1	72 11 4	1	3,401 4 7
19	Cuddalore	Siddhavaram circle	940 0 0	1	1	1	940 0 0	5	1	1	1,822 6 6	1	1	1	84 0 0	1	2,846 6 6
20	Cuddalore	Total of district	2,400 5 4	3	3	3	2,400 5 4	14	3	3	5,083 8 5	3	3	3	240 11 4	3	8,188 4 1

APPENDIX.

VACCINATION RETURNS.

Sl. No.	District	Circles.	Inspector of Vaccination and Deputy Commissioner.	Deputy Inspectors.	Vaccinators.	Clerks.	Peons, etc.	Total pay of establishment.
1	2	3	4	5	6	7	8	9
15	Chingleput	Berampore circle	776 1 5	1	1	1	1,880 12 1	72 0 0
16	Chingleput	Chingleput do.	853 3 7	1	1	1	1,876 10 7	72 0 0
17	Chingleput	Ganjam Hill tract	982 9 0	1	1	1	1,926 10 11	72 0 0
18	Chingleput	Aras circle	530 6 0	1	1	1	1,507 7 9	72 0 0
19	Chingleput	Perakimedi circle	120 0 0	1	1	1	186 16 7	10 4 2
20	Chingleput	Purabhottapur circle	60 10 4	1	1	1	56 18 9	8 5 2
21	Chingleput	Total of district	3,280 14 4	5	5	5	6,894 8 8	307 2 7
22	Chingleput	Occunda circle	573 1 0	1	1	1	2,058 10 7	84 0 0
23	Chingleput	Bajamundry circle	687 10 6	1	1	1	1,694 13 5	73 3 9
24	Chingleput	Pokavaram circle	554 12 2	1	1	1	1,185 12 7	106 0 0
25	Chingleput	Peddapattur circle	196 0 0	1	1	1	538 11 9	30 12 10
26	Chingleput	Total of district	2,021 7 8	4	4	4	5,387 0 4	298 0 7
27	Chingleput	Ellore circle	708 2 3	1	1	1	2,706 15 7	84 0 0
28	Chingleput	Madhavaram circle	417 14 6	1	1	1	2,386 10 5	84 0 0
29	Chingleput	Narasapur circle	176 0 0	1	1	1	501 7 9	86 4 2
30	Chingleput	Total of district	1,302 0 7	3	3	3	5,777 1 9	25 0 0
31	Chingleput	Guntur circle	954 3 1	1	1	1	1,238 13 7	107 4 2
32	Chingleput	Narasapur circle	440 0 0	1	1	1	1,076 0 9	84 0 0
33	Chingleput	Bapatla circle	462 12 9	1	1	1	1,180 11 4	84 0 0
34	Chingleput	Total of district	1,796 15 1	3	3	3	3,506 9 8	252 0 0
35	Chingleput	Guntur circle	757 9 4	1	1	1	1,884 15 5	91 0 0
36	Chingleput	Kurnool do.	797 5 4	1	1	1	2,015 10 0	84 0 0
37	Chingleput	Total of district	1,544 15 0	2	2	2	3,900 9 5	175 0 0
38	Chingleput	Dindigul circle	720 0 0	1	1	1	775 4 6	72 0 0
39	Chingleput	Madurai do.	984 18 5	1	1	1	733 2 9	72 0 0
40	Chingleput	Pannagudi do.	720 0 0	1	1	1	1,622 6 11	72 0 0
41	Chingleput	Tirupattur do.	560 0 0	1	1	1	1,923 2 7	72 0 0
42	Chingleput	Peryakulam do.	770 0 0	1	1	1	985 8 4	72 0 0
43	Chingleput	Total of district	3,454 13 5	5	5	5	5,989 4 1	360 0 0
44	Chingleput	Tellicherry circle	840 0 0	1	1	1	2,174 0 9	84 0 0
45	Chingleput	Calicut do.	480 0 0	1	1	1	1,851 14 7	84 8 9
46	Chingleput	Palghat do.	720 0 0	1	1	1	2,064 11 6	84 0 0
47	Chingleput	Malapuram do.	154 10 8	1	1	1	447 5 11	24 15 6
48	Chingleput	Total of district	2,144 10 5	5	5	5	6,588 0 9	277 8 8

A—VACCINE DEPARTMENT.

Statement No. II showing the Cost of the Department in the Madras Presidency during the official year 1907-1908—continued.

Number of Districts—cont.	Districts—cont.	Circles—cont.	Expenditure—cont.										Total cost.	Imperial funds.	Provincial funds.	Local funds.	Maternity funds.	Zamindari.	Total.	Number of all successful vaccinations and secondary vaccinations.	Average cost of each successful case.
			19	20	21	22	23	24	25	26	27	28									
1	Anantapur	Circle	191 7 6	892 14 2	3,376 2 8	...	...	...	...	...	...	...	3,376 2 8	...	...	2,459 4 1	...	...	3,376 2 8	14,116	0 3 0
2	Pondicherry	do.	234 7 3	595 6 0	2,635 11 5	...	...	...	...	...	...	...	2,635 11 5	...	...	1,862 4 8	...	...	2,635 11 5	11,561	0 2 8
3	Total of district		119 14 2	1,488 4 2	6,010 14 1	...	...	...	...	...	...	...	6,010 14 1	...	...	4,321 9 0	...	...	6,010 14 1	25,677	0 2 3
4	Bellary	Circle	379 1 6	614 2 0	4,355 3 4	...	...	...	...	...	...	...	4,355 3 4	...	...	3,240 1 7	...	...	4,355 3 4	17,166	0 3 2
5	Bellary	do.	326 1 6	598 10 0	4,022 7 1	...	...	...	...	...	...	...	4,022 7 1	...	...	2,902 5 2	...	...	4,022 7 1	14,070	0 4 7
6	Total of district		705 3 0	1,212 12 0	8,377 5 5	...	...	...	...	...	...	...	8,377 5 5	...	...	6,142 6 9	...	...	8,377 5 5	31,236	0 4 4
7	Chingleput	Circle	854 11 3	5 7 2 5	3,019 11 0	...	...	...	...	...	...	...	3,019 11 0	...	...	1,971 5 11	...	...	3,019 11 0	12,740	0 3 10
8	Chingleput	do.	872 4 0	5 20 12 11	3,180 5 2	...	...	...	...	...	...	...	3,180 5 2	...	...	2,423 8 0	...	...	3,180 5 2	12,542	0 4 1
9	Pondicherry	do.	726 8 11	524 1 9	2,517 2 0	...	...	...	...	...	...	...	2,517 2 0	...	...	1,742 3 0	...	...	2,517 2 0	10,163	0 4 0
10	Total of district		2,453 15 2	1,542 5 1	8,757 9 2	...	...	...	...	...	...	...	8,757 9 2	...	...	6,135 1 8	...	...	8,757 9 2	35,427	0 3 11
11	North Arcot	Circle	550 5 5	772 7 10	3,653 13 10	...	...	...	...	...	...	...	3,653 13 10	...	...	2,203 3 2	...	...	3,653 13 10	13,992	0 4 3
12	North Arcot	do.	281 8 8	714 6 2	3,983 6 8	...	...	...	...	...	...	...	3,983 6 8	...	...	2,240 10 0	...	...	3,983 6 8	15,552	0 3 3
13	South Arcot	do.	588 11 7	1,080 11 0	4,864 4 6	...	...	...	...	...	...	...	4,864 4 6	...	...	3,144 6 6	...	...	4,864 4 6	23,830	0 3 4
14	Central Arcot	do.	107 15 0	554 4 3	1,213 11 1	...	...	...	...	...	...	...	1,213 11 1	...	...	869 4 8	...	...	1,213 11 1	6,372	0 3 1
15	Total of district		1,619 8 8	3,221 13 3	13,581 6 11	...	...	...	...	...	...	...	13,581 6 11	...	...	9,096 8 4	...	...	13,581 6 11	50,782	0 3 6
16	Cuddalore	Circle	914 0 10	775 5 3	4,320 15 0	...	...	...	...	...	...	...	4,320 15 0	...	...	3,494 14 8	...	...	4,320 15 0	19,269	0 3 0
17	Cuddalore	do.	1,198 11 7	909 5 9	5,279 5 11	...	...	...	...	...	...	...	5,279 5 11	...	...	4,140 0 11	...	...	5,279 5 11	22,604	0 3 11
18	Madhavaram	Circle	764 15 6	563 9 8	3,373 15 6	...	...	...	...	...	...	...	3,373 15 6	...	...	2,733 15 6	...	...	764 15 6	10,847	0 5 3
19	Total of district		3,677 11 9	3,247 4 7	13,313 4 5	...	...	...	...	...	...	...	13,313 4 5	...	...	10,367 15 1	...	...	3,677 11 9	52,781	0 4 0

APPENDIX.

VACCINATION RETURNS.

Number of Districts—cont.	Districts—cont.	Circles—cont.	Expenditure—cont.										Total cost.	Imperial funds.	Provincial funds.	Local funds.	Maternity funds.	Zamindari.	Total.	Number of all successful vaccinations and secondary vaccinations.	Average cost of each successful case.
			19	20	21	22	23	24	25	26	27	28									
15	Berhampore	Circle	598 10 11	777 8 7	4,068 11 0	...	...	...	...	...	...	...	4,068 11 0	...	...	3,494 14 8	...	...	4,068 11 0	17,941	0 3 7
16	Berhampore	do.	488 7 4	513 9 2	3,782 14 8	...	...	...	...	...	...	...	3,782 14 8	...	...	3,479 13 11	...	...	3,782 14 8	19,608	0 3 1
17	Ganjam	Hill tracts	756 1 0	591 15 9	3,479 13 11	...	...	...	...	...	...	...	3,479 13 11	...	...	2,962 0 1	...	...	756 1 0	16,091	0 4 8
18	Aksa	Circle	397 6 6	443 11 10	2,962 0 1	...	...	...	...	...	...	...	2,962 0 1	...	...	2,067 4 1	...	...	397 6 6	16,091	0 3 1
19	Parlakimoti	Circle	18 10 0	257 13 0	593 10 9	...	...	...	...	...	...	...	593 10 9	...	...	455 0 6	...	...	18 10 0	3,070	0 2 1
20	Parashottapur	Circle	41 11 6	331 10 0	499 4 9	...	...	...	...	...	...	...	499 4 9	...	...	392 10 1	...	...	41 11 6	2,117	0 3 9
21	Total of district		2,280 15 3	2,917 14 4	15,374 7 2	...	...	...	...	...	...	...	15,374 7 2	...	...	8,698 0 11	...	...	2,280 15 3	70,866	0 3 6
22	Cocanada	Circle	1,132 9 8	351 15 7	4,109 4 8	...	...	...	...	...	...	...	4,109 4 8	...	...	3,243 4 2	...	...	1,132 9 8	22,024	0 3 1
23	Reghumundry	do.	1,012 8 0	436 13 5	4,146 1 1	...	...	...	...	...	...	...	4,146 1 1	...	...	3,447 6 7	...	...	1,012 8 0	18,678	0 3 7
24	Elavaram	Circle	803 12 0	331 0 6	3,070 5 3	...	...	...	...	...	...	...	3,070 5 3	...	...	1,880 12 10	...	...	803 12 0	6,922	0 7 1
25	Poddappur	Circle	247 10 8	432 10 10	1,466 14 1	...	...	...	...	...	...	...	1,466 14 1	...	...	1,280 15 1	...	...	247 10 8	6,806	0 3 6
26	Total of district		3,226 8 2	1,872 8 4	13,860 9 1	...	...	...	...	...	...	...	13,860 9 1	...	...	9,962 6 8	...	...	3,226 8 2	54,488	0 3 10
27	Ellore	Circle	1,385 1 6	401 8 8	5,875 11 10	...	...	...	...	...	...	...	5,875 11 10	...	...	4,871 4 3	...	...	1,385 1 6	20,566	0 3 0
28	Mannipalam	Circle	1,284 6 7	903 2 0	5,179 6 8	...	...	...	...	...	...	...	5,179 6 8	...	...	4,423 1 5	...	...	1,284 6 7	30,572	0 2 9
29	Narasapur	Circle	331 4 8	588 13 4	1,655 9 10	...	...	...	...	...	...	...	1,655 9 10	...	...	1,303 11 10	...	...	331 4 8	5,823	0 4 7
30	Total of district		3,100 12 10	2,343 8 0	12,720 11 4	...	...	...	...	...	...	...	12,720 11 4	...	...	10,088 1 6	...	...	3,100 12 10	62,960	0 3 8
31	Guntur	Circle	524 3 7	845 11 2	3,618 0 0	...	...	...	...	...	...	...	3,618 0 0	...	...	2,793 12 11	...	...	524 3 7	19,863	0 2 11
32	Narasapur	Circle	499 11 11	723 15 3	2,863 11 11	...	...	...	...	...	...	...	2,863 11 11	...	...	2,175 4 2	...	...	499 11 11	17,516	0 2 7
33	Bapatla	Circle	619 14 6	785 9 3	3,182 15 1	...	...	...	...	...	...	...	3,182 15 1	...	...	2,680 3 1	...	...	619 14 6	21,260	0 2 4
34	Total of district		1,743 14 0	2,855 4 3	9,654 11 0	...	...	...	...	...	...	...	9,654 11 0	...	...	7,649 4 2	...	...	1,743 14 0	59,639	0 2 8
35	Guntur	Circle	324 1 2	441 6 6	3,460 6 9	...	...	...	...	...	...	...	3,460 6 9	...	...	2,467 8 1	...	...	324 1 2	15,556	0 3 1
36	Kurnool	do.	291 14 1	535 10 2	3,714 7 7	...	...	...	...	...	...	...	3,714 7 7	...	...	2,680 10 8	...	...	291 14 1	18,604	0 3 3
37	Total of district		615 15 3	977 6 8	7,213 8 4	...	...	...	...	...	...	...	7,213 8 4	...	...	5,127 2 9	...	...	615 15 3	34,063	0 3 6
38	Indragiri	Circle	785 0 0	982 2 8	3,354 7 2	...	...	...	...	...	...	...	3,354 7 2	...	...	2,614 7 2	...	...	785 0 0	18,365	0 2 10
39	Madura	do.	791 12 6	808 13 4	3,050 10 0	...	...	...	...	...	...	...	3,050 10 0	...	...	2,405 12 7	...	...	791 12 6	19,416	0 2 6
40	Paravur	do.	308 5 6	671 3 10	3,354 0 3	...	...	...	...	...	...	...	3,354 0 3	...	...	2,644 0 8	...	...	308 5 6	21,232	0 2 6
41	Tirupattur	do.	260 12 6	780 11 10	3,596 13 11	...	...	...	...	...	...	...	3,596 13 11	...	...	2,753 7 11	...	...	260 12 6	26,004	0 3 4
42	Periyakulam	do.	906 7 2	685 6 7	3,399 1 1	...	...	...	...	...	...	...	3,399 1 1	...	...	2,279 6 1	...	...	906 7 2	19,173	0 2 11
43	Total of district		3,052 5 8	3,928 6 3	16,784 13 5	...	...	...	...	...	...	...	16,784 13 5	...	...	12,694 2 0	...	...	3,052 5 8	104,180	0 2 6
44	Tellicherry	Circle	445 15 6	893 0 3	4,437 0 3	...	...	...	...	...	...	...	4,437 0 3	...	...	3,597 0 6	...	...	445 15 6	20,378	0 2 6
45	Calicut	do.	555 9 8	791 2 7	3,703 0 2	...	...	...	...	...	...	...	3,703 0 2	...	...	2,865 0 2	...	...	555 9 8	27,844	0 1 7
46	Palghat	do.	445 8 6	1,674 0 6	4,388 4 6	...	...	...	...	...	...	...	4,388 4 6	...	...	4,268 4 6	...	...	445 8 6	38,083	0 2 1
47	Malappuram	do.	121 9 6	943 1 8	1,686 10 10	...	...	...	...	...	...	...	1,686 10 10	...	...	1,542 0 2	...	...	121 9 6	13,436	0 2 0
48	Total of district		1,668 10 9	4,306 4 7	14,865 3 0	...	...	...	...	...	...	...	14,865 3 0	...	...	12,302 5 4	...	...	1,668 10 9	117,190	0 2 0

* Includes cost of lanoline paste supplied by K.I.P.M. during 1907-1908.

A - VACCINE DEPARTMENT.

STATEMENT No. II showing the Cost of the Department in the Madras Presidency during the official year 1907-1908—continued.

Expenditure.

Sl. No.	Particulars	Deputy Inspectors				Vaccinators				Clerks		Peons, etc.		Total pay of establishment.
		Pay.	First grade.	Second class.	Probationers.	Pay.	Number.	Pay.	Number.	Pay.	Number.			
42	Central circle (Kovvur)	511 7 11	3	3	4	1,088 2 4	1	1,088 2 4	1	91 0 0	2,250 10 3			
43	Southern do. (Goudur)	791 5 11	3	3	1	1,005 0 0	1	1,005 0 0	1	91 0 0	2,890 0 8			
44	Northern do. (Kangiri)	780 0 0	2	1	6	1,021 4 3	1	1,021 4 3	1	83 12 4	1,865 0 7			
	Total of district	2,082 12 10	8	8	11	4,107 7 1	3	4,107 7 1	3	255 12 4	6,760 1 6			
45	Nilgiris	618 1 7	3	...	...	983 1 10	1	983 1 10	1	95 7 5	1,091 10 10			
	Total of district	618 1 7	3	...	...	983 1 10	1	983 1 10	1	95 7 5	1,091 10 10			
46	Chittoor circle	765 12 4	4	5	1	1,252 7 1	1	1,252 7 1	1	44 0 0	2,142 4 5			
47	Chittoor do.	742 14 5	3	3	1	841 6 2	1	841 6 2	1	72 0 0	1,409 4 7			
48	Karvetnagar circle	720 0 0	3	3	1	1,009 9 5	1	1,009 9 5	1	83 12 3	1,400 5 4			
49	Ranipet do.	524 10 10	3	...	...	947 2 9	1	947 2 9	1	73 0 0	1,545 13 7			
50	Arni do.	712 0 0	1	4	1	745 6 3	1	745 6 3	1	83 8 9	1,490 15 0			
	Total of district	3,240 6 7	14	12	8	4,431 15 8	5	4,431 15 8	5	395 5 0	8,547 11 3			
51	Madras Presidency town	11,100 0 0	...	...	...	...	...	...	...	...	11,100 0 0			
	Total of district	11,100 0 0	...	...	...	...	...	...	...	...	11,100 0 0			
52	Tirupattur	529 10 10	2	4	3	1,102 15 1	1	1,102 15 1	1	44 0 0	1,776 9 11			
53	Salem circle (Central)	420 0 0	3	7	1	1,409 5 5	1	1,409 5 5	1	83 8 10	2,082 14 3			
54	Sivakasi do.	433 2 3	3	11	3	1,817 3 5	1	1,817 3 5	1	84 0 0	2,374 5 4			
55	Sivakasi do.	163 13 11	2	6	3	1,344 0 9	1	1,344 0 9	1	35 10 8	1,433 9 4			
	Total of district	1,616 11 0	10	37	7	5,763 9 8	4	5,763 9 8	4	277 5 6	7,047 7 2			

APPENDIX.

VACCINATION RETURNS.

56	South Arcot	Cuddalore circle	1	1	720 0 0	5	...	1,096 4 6	...	...	1	68 14 10	1,815 3 4
57		Vidhachalam circle	1	1	447 11 10	2	...	1,083 2 10	...	...	1	96 0 0	1,896 15 8
58		Tirukkoyilur do.	1	1	490 0 0	2	...	1,306 12 6	...	...	1	96 0 0	1,784 12 6
59		Tindivanam do.	1	1	720 0 0	4	...	1,893 8 7	...	...	1	84 0 0	2,187 8 7
		Total of district	2	2	2,867 11 10	15	12	4,671 13 5	...	...	4	244 14 10	7,384 8 1
60	South Canara	Northern circle	1	...	840 0 0	1	6	2,382 0 3	...	...	1	96 0 0	3,858 0 3
61		Central do.	...	1	186 2 5	2	3	313 8 10	...	...	1	24 14 4	474 9 7
62		Southern do.	...	1	492 0 0	2	4	2,030 12 6	...	...	1	84 0 0	2,606 12 6
		Total of district	1	2	1,408 2 5	8	12	5,295 5 7	...	...	3	284 14 4	6,999 6 4
63	Tanjore	Tanjore circle	1	...	722 13 5	2	5	1,287 15 6	...	...	1	87 15 7	2,098 12 6
64		Nagapattam do.	1	...	514 8 1	3	7	1,321 14 7	...	...	1	84 0 0	1,990 1 4
65		Pattukkottai do.	...	1	710 9 3	2	6	784 12 2	...	...	1	84 0 0	1,579 5 5
66		Kumbakonam do.	...	1	180 6 2	2	7	364 1 5	...	...	1	24 8 0	518 14 10
		Total of district	1	2	2,077 14 11	9	25	3,768 11 11	...	...	4	280 7 7	6,117 2 5
67	Tinnevely	Srivilliputhur circle	1	...	893 0 10	2	6	1,014 14 2	...	...	1	72 0 0	1,779 15 0
68		Tenkasi do.	1	...	802 14 5	3	5	831 2 3	...	...	1	72 0 0	1,808 0 8
69		Srivilliputhur do.	...	1	160 0 0	2	3	329 15 6	...	...	1	24 0 0	513 15 6
70		Ottapidaram do.	...	1	480 0 0	4	4	1,116 8 11	...	...	1	72 0 0	1,697 8 11
		Total of district	1	2	2,135 15 3	11	18	3,891 8 10	...	...	4	240 0 0	5,767 8 1
71	Trichinopoly	Trichinopoly circle	1	...	920 0 0	5	7	1,867 7 1	...	...	1	72 0 0	2,859 7 1
72		Ariyalur do.	...	1	475 0 0	3	5	1,266 5 2	...	...	1	84 0 0	1,825 5 2
		Total of district	1	1	1,395 0 0	8	12	3,133 12 3	...	...	2	155 0 0	4,684 12 3
73	Vizagapatnam	Gunapur circle	...	1	693 3 9	1	6	1,087 0 1	...	...	1	84 0 0	1,834 3 10
74		Vizagapatnam circle	...	1	640 0 0	6	8	2,233 9 7	...	...	1	84 0 0	2,957 9 7
75		Government vaccinators (Gudem Hills)	...	...	827 9 3	7	16	2,746 14 0	...	...	1	82 12 4	3,657 8 7
76		Vizianagaram circle	...	1	205 2 7	4	8	617 6 6	...	...	1	38 2 2	865 11 3
		Parvatipur do.	...	1	2,335 15 7	18	39	6,798 4 8	...	...	4	283 14 6	9,418 3 0
		Total of district	1	2	1,010 15 8	2	11	3,212 8 0	...	...	1	84 0 0	3,807 4 8
77	Koraput	Jeypore circle	1	...	1,010 15 8	2	11	3,212 8 0	...	...	1	84 0 0	3,807 4 8
78		Koraput do.	1	...	1,010 15 8	2	11	3,212 8 0	...	...	1	84 0 0	3,807 4 8
		Total of district	2	...	1,010 15 8	2	11	3,212 8 0	...	...	1	84 0 0	3,807 4 8
		Grand Total of districts	1	11,100 0 0	22	393	115	103,208 5 10	...	...	76	5,478 13 5	188,844 8 4

* As the Deputy Inspector of Vaccination took charge of the Koraput range recently, the figures relating to the circle are included in those of Jeypore circle.

A—VACCINE DEPARTMENT.

STATEMENT No. II showing the cost of the Department in the Madras Presidency during the financial year 1917-1918—continued.

Sl. No.	District.	Circles.	Expenditure—Rs.					Paid from—Rs.					Total.	Number of all successful vaccinated persons.	Average cost of each successful case.
			19	20	21	22	23	24	25	26	27				
42	North Arcot.	Central circle (Kavali)	627 8 2	454 4 6	3,412 6 11	...	701 2 11	2,631 1 0	...	...	...	3,532 6 11	14,553	0 8 5	
43		Southern circle (Gudur)	713 6 7	627 3 7	3,085 2 10	...	1,065 1 11	2,410 1 11	...	...	...	3,476 2 10	14,179	0 4 6	
44		North Arcot (Kangal)	516 2 7	434 12 5	2,804 15 7	...	1 03 0 0	1,801 15 7	...	...	...	2,804 15 7	12,404	0 1 7	
45		Total of district	1,847 1 1	1,515 6 6	9,292 3 4	...	2,767 3 10	7,842 1 6	...	...	...	9,292 3 4	40,136	0 8 11	
46	North Arcot.	Central circle	3,634 12 4	2,802 0 2	14,765 7 9	...	5,302 1 7	9,451 0 8	...	...	...	14,765 7 9	70,787	0 8 1	
47		Southern circle	1,756 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
48		North Arcot	1,556 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
49		Total of district	5,390 12 4	2,802 0 2	27,421 7 9	...	17,958 1 7	9,451 0 8	...	...	...	27,421 7 9	70,787	0 8 1	
50	Madras Presidency Town.	Central circle	531 1 10	238 2 10	3,611 12 1	...	1,269 6 4	2,402 5 9	...	...	...	3,611 12 1	17,105	0 3 5	
51		Southern circle	775 7 3	528 11 1	2,743 6 11	...	1,261 6 7	1,402 0 4	...	...	...	2,743 6 11	16,497	0 2 8	
52		North Arcot	1,234 7 1	509 10 7	3,070 7 7	...	1,104 6 10	1,065 9 9	...	...	...	3,070 7 7	11,442	0 1 4	
53		Total of district	3,540 12 0	1,275 1 0	9,424 12 0	...	3,634 12 0	4,869 5 2	...	...	...	9,424 12 0	38,004	0 2 2	
54	Madras Presidency Town.	Central circle	3,434 12 4	2,802 0 2	14,765 7 9	...	5,302 1 7	9,451 0 8	...	...	...	14,765 7 9	70,787	0 8 1	
55		Southern circle	1,756 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
56		North Arcot	1,556 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
57		Total of district	5,390 12 4	2,802 0 2	27,421 7 9	...	17,958 1 7	9,451 0 8	...	...	...	27,421 7 9	70,787	0 8 1	
58	Madras Presidency Town.	Central circle	531 1 10	238 2 10	3,611 12 1	...	1,269 6 4	2,402 5 9	...	...	...	3,611 12 1	17,105	0 3 5	
59		Southern circle	775 7 3	528 11 1	2,743 6 11	...	1,261 6 7	1,402 0 4	...	...	...	2,743 6 11	16,497	0 2 8	
60		North Arcot	1,234 7 1	509 10 7	3,070 7 7	...	1,104 6 10	1,065 9 9	...	...	...	3,070 7 7	11,442	0 1 4	
61		Total of district	3,540 12 0	1,275 1 0	9,424 12 0	...	3,634 12 0	4,869 5 2	...	...	...	9,424 12 0	38,004	0 2 2	
62	Madras Presidency Town.	Central circle	3,434 12 4	2,802 0 2	14,765 7 9	...	5,302 1 7	9,451 0 8	...	...	...	14,765 7 9	70,787	0 8 1	
63		Southern circle	1,756 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
64		North Arcot	1,556 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
65		Total of district	5,390 12 4	2,802 0 2	27,421 7 9	...	17,958 1 7	9,451 0 8	...	...	...	27,421 7 9	70,787	0 8 1	
66	Madras Presidency Town.	Central circle	531 1 10	238 2 10	3,611 12 1	...	1,269 6 4	2,402 5 9	...	...	...	3,611 12 1	17,105	0 3 5	
67		Southern circle	775 7 3	528 11 1	2,743 6 11	...	1,261 6 7	1,402 0 4	...	...	...	2,743 6 11	16,497	0 2 8	
68		North Arcot	1,234 7 1	509 10 7	3,070 7 7	...	1,104 6 10	1,065 9 9	...	...	...	3,070 7 7	11,442	0 1 4	
69		Total of district	3,540 12 0	1,275 1 0	9,424 12 0	...	3,634 12 0	4,869 5 2	...	...	...	9,424 12 0	38,004	0 2 2	
70	Madras Presidency Town.	Central circle	3,434 12 4	2,802 0 2	14,765 7 9	...	5,302 1 7	9,451 0 8	...	...	...	14,765 7 9	70,787	0 8 1	
71		Southern circle	1,756 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
72		North Arcot	1,556 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
73		Total of district	5,390 12 4	2,802 0 2	27,421 7 9	...	17,958 1 7	9,451 0 8	...	...	...	27,421 7 9	70,787	0 8 1	
74	Madras Presidency Town.	Central circle	531 1 10	238 2 10	3,611 12 1	...	1,269 6 4	2,402 5 9	...	...	...	3,611 12 1	17,105	0 3 5	
75		Southern circle	775 7 3	528 11 1	2,743 6 11	...	1,261 6 7	1,402 0 4	...	...	...	2,743 6 11	16,497	0 2 8	
76		North Arcot	1,234 7 1	509 10 7	3,070 7 7	...	1,104 6 10	1,065 9 9	...	...	...	3,070 7 7	11,442	0 1 4	
77		Total of district	3,540 12 0	1,275 1 0	9,424 12 0	...	3,634 12 0	4,869 5 2	...	...	...	9,424 12 0	38,004	0 2 2	
78	Madras Presidency Town.	Central circle	3,434 12 4	2,802 0 2	14,765 7 9	...	5,302 1 7	9,451 0 8	...	...	...	14,765 7 9	70,787	0 8 1	
79		Southern circle	1,756 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
80		North Arcot	1,556 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
81		Total of district	5,390 12 4	2,802 0 2	27,421 7 9	...	17,958 1 7	9,451 0 8	...	...	...	27,421 7 9	70,787	0 8 1	
82	Madras Presidency Town.	Central circle	531 1 10	238 2 10	3,611 12 1	...	1,269 6 4	2,402 5 9	...	...	...	3,611 12 1	17,105	0 3 5	
83		Southern circle	775 7 3	528 11 1	2,743 6 11	...	1,261 6 7	1,402 0 4	...	...	...	2,743 6 11	16,497	0 2 8	
84		North Arcot	1,234 7 1	509 10 7	3,070 7 7	...	1,104 6 10	1,065 9 9	...	...	...	3,070 7 7	11,442	0 1 4	
85		Total of district	3,540 12 0	1,275 1 0	9,424 12 0	...	3,634 12 0	4,869 5 2	...	...	...	9,424 12 0	38,004	0 2 2	
86	Madras Presidency Town.	Central circle	3,434 12 4	2,802 0 2	14,765 7 9	...	5,302 1 7	9,451 0 8	...	...	...	14,765 7 9	70,787	0 8 1	
87		Southern circle	1,756 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
88		North Arcot	1,556 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
89		Total of district	5,390 12 4	2,802 0 2	27,421 7 9	...	17,958 1 7	9,451 0 8	...	...	...	27,421 7 9	70,787	0 8 1	
90	Madras Presidency Town.	Central circle	531 1 10	238 2 10	3,611 12 1	...	1,269 6 4	2,402 5 9	...	...	...	3,611 12 1	17,105	0 3 5	
91		Southern circle	775 7 3	528 11 1	2,743 6 11	...	1,261 6 7	1,402 0 4	...	...	...	2,743 6 11	16,497	0 2 8	
92		North Arcot	1,234 7 1	509 10 7	3,070 7 7	...	1,104 6 10	1,065 9 9	...	...	...	3,070 7 7	11,442	0 1 4	
93		Total of district	3,540 12 0	1,275 1 0	9,424 12 0	...	3,634 12 0	4,869 5 2	...	...	...	9,424 12 0	38,004	0 2 2	
94	Madras Presidency Town.	Central circle	3,434 12 4	2,802 0 2	14,765 7 9	...	5,302 1 7	9,451 0 8	...	...	...	14,765 7 9	70,787	0 8 1	
95		Southern circle	1,756 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
96		North Arcot	1,556 0 0	...	12,656 0 0	...	12,656 0 0	...	...	...	...	12,656 0 0	...	...	
97		Total of district	5,390 12 4	2,802 0 2	27,421 7 9	...	17,958 1 7	9,451 0 8	...	...	...	27,421 7 9	70,787	0 8 1	
98	Madras Presidency Town.	Central circle	531 1 10	238 2 10	3,611 12 1	...	1,269 6 4	2,402 5 9	...	...	...	3,611 12 1	17,105	0 3 5	
99		Southern circle	775 7 3	528 11 1	2,743 6 11	...	1,261 6 7	1,402 0 4	...	...	...	2,743 6 11	16,497	0 2 8	
100		North Arcot	1,234 7 1	509 10 7	3,070 7 7	...	1,104 6 10	1,065 9 9	...	...	...	3,070 7 7	11,442	0 1 4	
101		Total of district	3,540 12 0	1,275 1 0	9,424 12 0	...	3,634 12 0	4,869 5 2	...	...	...	9,424 12 0	38,004	0 2 2	

VACCINATION RETURNS.

23

56	South Arcot.	Cuddalore circle	884 9 0	821 3 5	3,520 15 9	...	970 0 6	2,550 15 8	...	...	...	3,520 15 9	18,733	0 3 0	
57		Vridhalachalam circle	531 8 7	580 9 8	2,649 1 11	...	447 11 10	2,201 6 1	...	...	...	2,649 1 11	16,280	0 2 7	
58		Truttkótyilur	724 15 2	380 2 11	3,089 14 7	...	787 4 3	2,308 10 4	...	...	...	3,089 14 7	17,854	0 3 10	
59		Tindivanam	783 1 4	750 2 10	3,076 12 6	...	958 13 0	2,717 15 8	...	...	...	3,076 12 6	20,239	0 2 11	
		Total of district	2,880 2 1	2,672 2 10	12,886 13 0	...	3,183 13 7	9,772 15 5	...	...	...	12,886 13 0	78,246	0 2 10	
60	South Arcot.	Northern circle	876 12 2	412 6 3	5,177 2 8	...	840 0 0	4,337 2 8	...	...	...	5,177 2 8	20,634	0 4 0	
61		Central do.	118 0 2	331 7 1	994 0 10	...	138 2 6	787 14 5	...	...	...	924 0 10	3,636	0 4 1	
62		Southern do.	827 13 10	667 1 1	4,101 11 8	...	492 0 0	3,609 11 8	...	...	...	4,101 11 8	15,068	0 4 4	
		Total of district	1,822 10 2	1,410 14 8	10,272 15 2	...	1,468 2 5	8,734 12 9	...	...	...	10,272 15 2	39,337	0 4 2	
63	Tanjore.	Tanjore circle	329 14 3	881 3 6	3,309 14 8	...	983 12 9	2,326 1 6	...	...	...	3,309 14 3	21,623	0 2 6	
64		Nagapattinam do.	230 6 0	800 10 10	3,041 3 6	...	715 1 11	2,326 0 7	...	...	...	3,041 3 6	22,718	0 2 2	
65		Puttuckóttai do.	271 3 8	818 7 8	2,668 15 11	...	916 5 7	1,732 10 4	...	...	...	2,668 15 11	17,769	0 2 5	
66		Kumbakonam do.	79 2 6	751 2 1	1,351 3 5	...	201 0 8	1,150 2 9	...	...	...	1,351 3 5	8,644	0 2 6	
		Total of district	909 10 0	3,344 7 8	10,371 4 1	...	2,816 4 11	7,554 15 2	...	...	...	10,371 4 1	70,594	0 2 4	
67	Tinnevely.	Srivillipattur circle	478 6 4	574 6 7	2,832 13 11	...	1,087 2 10	1,806 11 1	...	...	...	2,832 13 11	21,605	0 2 1	
68		Tenkalai do.	473 1 4	581 2 10	2,830 4 10	...	1,198 3 11	1,661 11 11	...	...	...	2,830 4 10	19,836	0 2 4	
69		Srivaknam do.	124 3 0	519 11 10	1,137 14 4	...	240 8 0	917 11 4	...	...	...	1,137 14 4	6,498	0 2 2	
70		Ottapitaram do.	517 2 6	561 13 6	2,749 10 2	...	785 7 0	1,964 3 2	...	...	...	2,749 10 2	21,527	0 2 1	
		Total of district	1,593 0 5	2,240 2 9	9,600 11 3	...	3,251 5 9	6,349 5 6	...	...	...	9,600 11 3	71,466	0 2 2	
71	Trichinopoly.	Trichinopoly circle	270 7 0	1,176 2 8	4,306 0 9	...	1,166 1 0	3,139 15 9	...	...	...	4,306 0 9	29,394	0 2 4	
72		Arucilur do.	167 14 0	670 9 8	2,663 12 10	...	730 8 6	1,933 4 4	...	...	...	2,663 12 10	17,384	0 2 5	
		Total of district	438 5 0	1,846 12 4	6,969 13 7	...	1,896 9 6	5,073 4 1	...	...	...	6,969 13 7	46,768	0 2 4	
73	Vizianagaram.	Gnapur circle	1,417 6 6	428 9 7	3,680 3 11	...	1,206 10 9	2,473 9 2	...	...	...	3,680 3 11	8,985	0 6 7	
74		Vizianagaram circle	869 0 3	1,203 13 6	5,032 7 4	...	640 0 0	4,390 7 4	...	...	...	5,030 7 4	26,350	0 3 1	
		Goverment vaccinators (Gudem hills).	75 4 0	29 3 8	217 14 2	...	217 14 2	...	...	...	...	217 14 2	293	6 11 9	
75		Vizianagaram circle	1,090 7 5	1,569 7 4	6,307 5 2	...	1,208 13 7	5,008 7 9	...	...	...	6,307 5 4	51,206	0 2 0	
76	Párvatiparam do.	446 4 4	789 12 9	2,101 15 4	...	625 8 7	1,576 6 9	...	...	...	2,101 15 4	11,804	0 2 10		
		Total of district	3,868 12 6	4,030 14 10	17,337 14 1	...	3,888 15 1	13,443 15 0	...	...	...	17,337 14 1	98,643	0 2 10	
77	Koraput.	Jeyore circle	1,349 11 0	1,012 0 1	5,669 2 9	...	1,699 3 11	3,969 14 10	...	...	...	5,669 2 9	28,236	0 3 2	
		Koraput do.	...	...	...	...	...	...	...	...	...	...	...	...	...
		Total of district	1,349 11 0	1,012 0 1	5,669 2 9	...	1,699 3 11	3,969 14 10	...	...	...	5,669 2 9	28,236	0 3 2	
		Grand Total of districts	44,639 9 1	53,568 4 10	2,64,052 6 3	...	78,572 14 5	1,85,479 7 10	...	...	...	2,64,052 6 3	1,380,908	0 3 3	

A—VACCINE DEPARTMENT.

Statement No. II showing the Cost of the Department in the Madras Presidency during the official year 1907-1908—continued.

APPENDIX.																	
Expenditure.																	
Number.	Municipalities.	Inspector of Vaccination and Deputy Sanitary Commissioner.					Deputy Inspectors.			Vaccinators.			Clerks.		Peons, etc.		Total pay of establishment.
		Pay.	First Grade.	Second Grade.	Third Grade.	Pay.	First class.	Second class.	Provisioners.	Pay.	Number.	Pay.	Number.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Adoni								1			170 0 0					170 0 0
2	Anantapur											130 0 0					130 0 0
3	Anakapalle									1		147 0 0					147 0 0
4	Bellary								2	1		526 5 7					526 5 7
5	Berhanpur								1			208 0 0					208 0 0
6	Berwada								1			208 0 0					208 0 0
7	Bimlipatam									1		234 13 4				72 14 8	276 14 8
8	Calicut								1	2		679 3 1					234 13 4
9	Cannanore								1	1		344 1 7					679 3 1
10	Chicarole								1			208 0 0					344 1 7
11	Chidambaram								1			208 0 0					208 0 0
12	Chingleput								1	1		141 10 0					208 0 0
13	Cochin								1			208 0 0					141 10 0
14	Cocanada								1	1		279 4 0					208 0 0
15	Coimbatore								1	2		280 4 7					279 4 0
16	Conjeveram									1		243 9 7				24 0 0	268 9 7
17	Coramoor								1			204 0 0					204 0 0
18	Cuddalore								1	1		228 0 0					204 0 0
19	Cuddapah								1	1		120 0 0					228 0 0
20	Dindigul								1			184 8 11					120 0 0
21	Ellore								1	1		239 0 0					184 8 11
22	Erode								1			204 7 8					239 0 0
23	Gudiyatham								1	1		152 0 0					204 7 8
24	Guntur								1			240 0 0				72 0 0	152 0 0
25	Karur								1			192 0 0					240 0 0

VACCINATION RETURNS.

24

26	Kodakol	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</
----	---------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-------

* Vaccination is carried on by the Medical officer with the assistance of a peon.

† Includes four Assistant Deputy Inspectors employed in the Madras Municipality.

‡ Assistant Deputy Inspectors.

B—DISPENSARY VACCINATION.

STATEMENT No. III showing Dispensary Vaccination in the Madras Presidency during the official year 1907-1908.

Year 1907-1908.																	
Districts.	Number of dispensaries in each district to which a vaccine is attached.	Average number of vaccinees attached to dispensaries during the year.	Total number of persons vaccinated.	Average number of vaccinees vaccinated by each vaccinator.	Primary and secondary vaccinations.				Re-vaccination.				Percentage of successful cases excluding unknown.		Percentage of unknown cases to total cases.		
					Total.	Successful.			Unknown.	Total.	Successful.	Unknown.	Primary and secondary vaccinations.	Re-vaccination.	Primary and secondary vaccinations.	Re-vaccination.	
						Under 1 year.	Over 1 and under 6 years.	Total of all ages.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Amalapur District.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bellary District.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Chingleput District.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Coimbatore District.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Cuddalore District.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Ganjām District.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Godavari District.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Kistnūt District.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Guntūr District.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Kurnool District.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Madras Town.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Madura District.																	
Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Malabar District.																	
Angādipuram	...	...	...	13	...	13	1	2	13	...	...	...	100.0	...	...	...	
Kollengode	...	...	...	135	...	109	8	57	106	3	29	10	1	100.0	35.7	2.7	3.4
Total	...	...	...	151	...	122	9	59	119	3	29	19	1	100.0	35.7	2.4	3.4

B—DISPENSARY VACCINATION—cont.

STATEMENT No. III showing Dispensary Vaccination in the Madras Presidency during the official year 1907-1908—continued.

Districts.	Number of dispensaries in each district to which a vaccinator is attached.	Average number of vaccinators attached to dispensaries during the year.	Total number of persons vaccinated.	Average number of persons vaccinated by each vaccinator.	Total.	Primary and secondary vaccinations.				Re-vaccination.			Percentage of successful cases excluding unknown.		Percentage of unknown cases to total cases.	
						Successful.				Total.	Successful.	Unknown.	Primary and secondary vaccinations.	Re-vaccination.	Primary and secondary vaccinations.	Re-vaccination.
						Under 1 year.	Over 1 and under 6 years.	Total of all ages.	Unknown.							
1	2	3	4	5	6	7.	8	9	10	11	12	13	14	15	16	17
Nellore District.	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nilgiris District.	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot District.	Arcot	...	...	7	...	7	...	1	...	...	...	...	14.3	...	...	...
Total	...	...	7	...	7.	...	...	1	...	...	...	...	14.3	...	...	...
Salem District.	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot District.	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara District.	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore District.	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevely District.	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly District.	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam District.	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Koraput District.	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total	...	...	158	...	129	9	59	120	3	29	10	1	95.2	35.7	2.3	3

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

Establishment.	Primary and secondary vaccinations.									
	1895 &c.	1899-1900.	1900-1901.	1901-1902.	1902-1903.	1903-1904.	1904-1905.	1905-1906.	1906-1907.	1907-1908.
Government Vaccinators ...	36,820	22,667	33,378	28,667	32,870	26,911	35,405	28,886	25,837	22,346
Local Fund ...	873,975	757,466	934,559	833,403	1,013,566	942,880	1,058,042	943,548	1,065,794	965,650
Carpetment Co. ...	4,750	4,440	5,154	4,824	5,031	5,031	5,406	5,016	5,325	5,100
Zaminidari ...	10,822	9,124	8,937	6,793	9,081	6,548	9,876	7,892	10,866	8,704
Municipal ...	96,281	90,040	100,777	105,596	105,239	99,284	110,940	106,596	106,000	101,503
Dispensaries ...	11,192	9,826	10,219	9,019	10,271	8,922	11,016	9,552	10,003	8,346
Medical subordinates ...	4,173	3,236	3,747	2,865	4,191	3,266	4,085	3,844	3,131	2,351
Total ...	1,000,000	800,000	1,000,000	800,000	1,000,000	800,000	1,000,000	800,000	1,000,000	800,000

* Gunapoor Zaminidari has been included in the Local Fund area.

APPENDIX.

VACCINATION RETURNS.

STATEMENT No. V showing particulars of Vaccination verified by Inspecting Officers during 1907-1908.

Districts.	Total number of persons vaccinated.		Percentage of inspection to total number vaccinated.				Percentage of cases found successful to total number inspected.				Percentage of success as reported by Vaccinators.
	Primary and second.	Re-vaccination.	By District Medical and Sanitary Officers and Civil Surgeons.	By Deputy Inspectors of Vaccination.	By District Medical and Sanitary Officers.	By Deputy Inspectors of Vaccination.	By District Medical and Sanitary Officers and Civil Surgeons.	By Deputy Inspectors of Vaccination.	By District Medical and Sanitary Officers.	By Deputy Inspectors of Vaccination.	
Anantapur ...	30,183	1,608	778	31	16,817	864	1,617	31	778	864	91.2
Bellary ...	34,758	2,686	332	780	26,056	54	26,056	780	332	54	87.9
Chingleput ...	41,477	8,341	2,251	188	39,341	2,713	39,341	188	2,251	2,713	93.4
Chittoor ...	70,778	4,272	479	1,193	35,029	1,654	35,029	479	1,193	1,654	90.0
Cuddalore ...	58,965	2,272	580	63	34,497	328	34,497	580	63	328	90.6
Ganjam ...	77,129	3,894	1,481	326	51,177	1,174	51,177	326	1,481	1,174	92.4
Gadkari ...	61,962	2,822	1,716	1,954	51,102	1,609	51,102	1,716	1,954	1,609	90.8
Karnata ...	74,998	2,500	764	161	50,555	785	50,555	764	161	785	90.8
Kannur ...	62,475	2,418	318	273	61,185	478	61,185	273	478	478	90.8
Koraput ...	23,080	1,888	318	82	24,612	580	24,612	82	580	580	90.8
Madras ...	121,302	4,586	3,391	522	85,124	1,068	85,124	522	1,068	1,068	90.8
Malabar ...	131,106	8,461	2,773	781	49,253	870	49,253	781	870	870	90.8
Nellore ...	44,860	1,680	817	129	35,710	510	35,710	129	510	510	90.8
Nilgiris, The ...	4,915	711	146	7	2,870	219	2,870	7	219	219	90.8
North Arcot ...	82,811	2,960	1,118	472	67,467	1,034	67,467	472	1,034	1,034	90.8
Palnadu ...	70,264	10,183	4,722	1,323	63,426	845	63,426	1,323	845	845	90.8
South Arcot ...	90,523	2,480	1,122	432	88,789	277	88,789	432	277	277	90.8
South Canara ...	42,044	1,605	2,669	811	45,898	2,721	45,898	811	2,721	2,721	90.8
Tanjore ...	77,423	7,718	8,888	411	61,707	304	61,707	411	304	304	90.8
Tinnevely ...	79,459	2,299	1,590	411	77,459	413	77,459	411	413	413	90.8
Triplicane ...	55,678	3,808	3,708	866	52,993	413	52,993	866	413	413	90.8
Triplicane ...	50,882	25,000	260	24	48,272	932	48,272	24	932	932	90.8
Triplicane ...	29,279	1,780	260	24	16,184	1,002	16,184	24	1,002	1,002	90.8
Total ...	31,464,264	3,212,953	34,618	10,457	964,691	33,522	17,514	256	3	3	90.8

* The verification work done by the Sanitary Assistants to the District Medical and Sanitary Officers is shown herein as required in G.O., No. 189 J., dated 8th August 1908.

† Sanitary Assistant, South Arcot, verified on the whole 1,153 cases, but particulars of primary and secondary vaccinations and re-vaccinations are not available.

‡ Sanitary Assistant, Tanjore, verified 593 cases on the whole during the year, but particulars of primary and secondary vaccinations and re-vaccinations are not available.

§ Excludes cases performed in the Cantonment.

APPENDIX.

STATEMENT No. VI showing Statistics relating to the number of children under one year of age in Municipalities available for vaccination and the number of successful operations performed on them. (G.O. No. 860 L., M.S., dated 31st May 1900.)

Municipalities.	Number of births available for vaccination during the year 1897-1898.	Number of deaths amongst children under one year during the year.	Number available for vaccination after deducting the numbers who have died as shown in col. 3.	Number of successful vaccinations on children under one year during the year ending March 1900.	Date of extension of compulsory vaccination to Municipalities.
Adoni	1,144	219	925	1,346	1st Dec. 1898.
Anantapur	286	54	232	166	1st Jan. 1898.
Anakapalle	686	86	600	478	1st Nov. 1891.
Bellary	1,250	197	1,053	612	1st Jan. 1891.
Berhampur	960	104	856	367	15th April 1891.
Bowwada	349	307	732	563	1st May 1892.
Bimlipatam	349	31	318	237	1st Jan. 1894.
Calicut	2,971	431	2,540	1,639	1st Oct. 1891.
Cannanore	1,225	206	1,019	734	1st June 1891.
Chiosole	408	83	325	317	1st Dec. 1890.
Chidambaram	567	117	450	223	1st July 1887.
Chingleput	459	102	357	250	1st April 1897.
Cochin	691	102	589	622	1st Jan. 1894.
Cocanada	1,983	199	1,784	1,072	1st June 1890.
Coimbatore	2,249	304	1,945	1,124	1st Jan. 1891.
Conjeevaram	1,419	237	1,182	701	1st Jan. 1891.
Coomoor	298	37	261	109	1st April 1897.
Cuddalore	2,002	465	1,537	735	1st Aug. 1890.
Cuddapah	404	56	348	228	15th July 1892.
Dindigul	1,280	356	925	647	16th July 1892.
Elore	1,183	314	869	778	1st June 1892.
Erode	561	106	455	328	1st April 1892.
Gudiyattam	792	114	678	417	1st June 1891.
Guntur	1,247	323	924	708	1st Jan. 1899.
Kapūr	527	104	423	237	1st Sept. 1893.
Kodakānai	98	12	86	40	1st April 1900.
Kumbakonam	1,738	442	1,296	712	1st Aug. 1889.
Kurnool	907	193	714	481	1st July 1889.
Madura	2,630	831	1,799	2,107	1st Jan. 1891.
Mannargudi	683	148	535	364	1st Dec. 1890.
Mangalore	1,441	231	1,210	700	1st Sept. 1891.
Marulipatam	1,213	192	1,021	592	1st May 1888.
Mayavaram	940	209	731	259	1st Dec. 1896.
Nandyal	510	105	405	266	1st Jan. 1900.
Negapatam	1,534	343	1,191	881	1st July 1896.
Nellore	865	121	744	432	1st Aug. 1892.
Ongole	467	84	383	241	1st Dec. 1886.
Ootacamund	708	104	604	418	1st July 1887.
Palamcottah	988	261	727	506	1st May 1886.
Palghat	1,837	353	1,484	877	1st Jan. 1892.
Parlakimedi	509	83	426	304	1st Dec. 1890.
Periyakulam	756	181	575	463	1st Feb. 1891.
Palni	439	95	344	236	1st Dec. 1901.
Rajahmundry	1,369	252	1,117	806	1st Jan. 1893.
Salem	2,916	599	2,317	1,971	1st Mar. 1891.
Srirangam	747	116	631	457	1st July 1888.
Srivilliputur	293	152	141	718	1st Jan. 1895.
Tanjore	2,448	514	1,934	1,251	1st July 1893.
Tellocherry	1,071	193	878	632	1st Jan. 1897.
Tinnevely	1,590	387	1,203	912	1st July 1896.
Trichinopoly	3,060	627	2,433	1,863	1st Aug. 1890.
Tirupattur	639	124	515	261	1st April 1891.
Tirupati	457	87	370	271	1st Mar. 1890.
Tiruvannamalai	730	172	558	591	15th Dec. 1897.
Tuticorin	907	266	641	568	1st May 1892.
Vaniyambadi	663	72	591	490	1st May 1892.
Vellore	1,427	303	1,124	816	1st Jan. 1887.
Vizagapatam	1,814	274	1,540	725	1st Aug. 1890.
Vizianagaram	1,313	201	1,012	681	1st Jan. 1891.
Walajpet	346	68	278	184	20th June 1892.
Total	67,715	12,139	55,576	36,705	

VACCINATION RETURNS.

STATEMENT No. VII showing Inspectors Work done by Deputy Inspectors during the year 1897-1898.

Districts.	Circles.	Number of inspect- ing officers.			Number of villages visited.			Total number of persons vaccinated.	Number of days spent on inspection duty.			Number of cases visited.			Total number of successful cases as reported by Deputy Inspectors.	Percentage of successful cases as reported by Deputy Inspectors.	Proportion per cent. of in- spection to total number vaccinated.			
		First-grade Inspectors.	Second-grade Deputy Inspectors.	Third-grade Deputy Inspectors.	First-grade Deputy Inspectors.	Second-grade Deputy Inspectors.	Third-grade Deputy Inspectors.		First-grade Deputy Inspectors.	Second-grade Deputy Inspectors.	Third-grade Deputy Inspectors.									
1		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Anantapur.	Anantapur	1			1					19,926	276	10,010	6,966	10,010	5,782	87.2	87.2	58.9		
	Perunkonda				1			234		19,242	249			6,866	6,477	92.9	92.9	56.9		
Bellary	Bellary									17,502	260	10,967	14,143	14,143	13,854	94.4	94.4	77.0	90.9	
	Eraset				1					14,232	204			10,967	10,814	90.6	94.0			
Chingleput	Chingleput							993		15,798	268			13,412	13,154	90.6	90.6	84.9		
	Saidapet				1				1,414	14,644	258			14,110	14,110	90.9	90.9			
	Ponnéri				1			867		11,895	396			11,822	10,821	91.2	91.2			
Coimbatore.	North Coimbatore									17,652	307	8,087		8,087	6,709	83.9	83.9	45.8		
	South do.				1				578	18,449	387			13,171	11,666	88.6	88.6			
	East do.									30,091	202	10,511		10,511	7,942	75.5	75.5	34.9		
	Central do.				1			287		7,171	124			4,934	4,175	94.7	94.7			
Cuddapah	Cuddapah								988	20,356	285			12,556	12,556	11,168	88.8	60.5		
	Madanapalle				1			2,594		33,166	285	14,017		14,017	13,545	98.6	98.6	70.7		
	Siddhant							786		11,634	292	6,222		6,222	7,646	93.9	93.9			
	Berhampur				1					19,889	200			13,408	12,783	95.3	95.3			
	Chiosole							642		21,196	297	13,381		13,381	12,104	91.4	91.4	62.1	69.1	
Ganjām	Ganjām Hill Tracts							414		13,317	164	6,484		6,484	6,868	80.9	80.9	49.0		
	Asa				1				773	17,580	219			13,086	12,323	93.4	93.4			
	Parlakimidi									3,210	60			4,386	3,954	91.1	91.1			
	Purnahottepar				1			69		2,315	41			1,806	1,783	98.7	98.7			
Godavari.	Cocanada				1					25,542	267	17,740		21,300	17,808	83.6	83.6	88.4		
	Rajahmundry							485		21,630	247			17,740	14,980	84.4	84.4			
	Polavaram								344	7,706	206			4,492	4,376	95.1	95.1			
	Peddapār								235	7,684	118			9,289	7,587	81.7	81.7			

* Old cases also were inspected.

APPENDIX.

Assistant Deputy Inspectors.
Under No. 6 cases vaccinated in the Natal emigration depot and Penitentiary which were not verified by the Deputy Inspector, included 2 Assistant Deputy Inspectors employed in Madras.
In working of these percentages, the figures relating to Madras have not been taken into account.
Old cases were not included.

Assistant Deputy Inspectors. Includes both cases vaccinatee includes both Assistant Deputy Inspectors working on these percent old cases and were inspected.