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[Despatch Abstract.]

Vaccination Report.

Reviewing the-- for 1894-95.

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1828 7/95

REPORT ON VACCINATION

IN

THE MADRAS PRESIDENCY

FOR THE YEAR

1894-95.

MADRAS:
PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS.

1895.

OFFICE OF SANITARY COMMISSIONER,
CAMP OOTACAMUND, 16*th June* 1895.

No. $\frac{977}{V}$.

From

SURGEON-LT.-COLONEL W. G. KING, M.B., C.M., D.P.H.,
Acting Sanitary Commissioner for Madras,

To

THE CHIEF SECRETARY TO GOVERNMENT,
Local and Municipal Department,
Fort St. George.

SIR,

I have the honour to forward herewith the Report on Vaccination for the year 1894–95 compiled by the Inspector of Vaccination and Deputy Sanitary Commissioner Surgeon-Major Mallins. I am of opinion that the work of the department has been as satisfactory as can be expected from the cheap labour employed. Under the careful supervision of Surgeon-Captain Bannerman and Surgeon-Major Mallins, who were respectively in charge of the office of Inspector of Vaccination and Deputy Sanitary Commissioner during the year, general discipline and outturn of work have shown a distinct improvement.

? Consecutively

I have the honour to be,
Sir,
Your most obedient servant,

W. G. KING, D.P.H., Surgeon-Lt.-Colonel,
Acting Sanitary Commissioner for Madras.

REPORT ON VACCINATION IN THE MADRAS PRESIDENCY DURING 1894-95.

From Surgeon-Major C. MALLINS, M.A., M.D., D.P.H., Acting Inspector of Vaccination and Deputy Sanitary Commissioner for Madras, to the Sanitary Commissioner for Madras, dated Madras, 13th June 1895, No. 957-V.

I have the honour to submit statistical returns and brief notes on vaccination in the Madras Presidency for the official year 1894–95.

2. I took over charge from Surgeon-Captain W. B. Bannerman (who was in office from the beginning of the year) on 6th December 1894, when he proceeded on leave to England. Previous to his departure he had visited the districts of Coimbatore, Ganjám, Kistna, Kurnool, Madura, Nellore, Nilgiris, Tanjore, Tinnevelly, and Vizagapatam, and inspected the towns of Coimbatore, Karúr, Parlákimedi, Guntúr, Bezwada, Masulipatam, Kurnool, Palni, Nellore, Ongole, Ootacamund, Máyavaram, Kumbakónam, Negapatam, Tanjore, Mannárgudi, Palamcottah, Tinnevelly, Tuticorin, Anakápalle, Vizianagram and Vizagapatam.

I have visited the districts of South Canara and Salem and inspected the towns of Mangalore, Salem, Vániyambádi and Tiruppattúr. I also made a special tour through the Malabar district in January and February 1895, a special report of which has been submitted to Government.

3. The first table below shows the strength of the department as contrasted with the previous year :—

Years.	First-class Deputy Inspectors.	Second-class Deputy Inspectors.	First-class Vaccinators.	Second-class Vaccinators.	Probationers.
1893–94	34	* 24	254	420	147
1894–95	34	* 24	265	426	155

* Four Assistant Deputy Inspectors employed by the Madras Municipality.

4. The next table contrasts the work performed with that of the previous year and shows an increase of 20,090—11,412 cases being primary operations :—

—	1893–94.	1894–95.	Increase.	Decrease.
Primary vaccinations	1,105,408	1,116,820	11,412	...
Re-vaccinations	73,424	82,102	8,678	...
Total ...	1,178,832	1,198,922	20,090	...

5. The following table shows the rate of success in primary and re-vaccinations as compared with that of the previous year :—

Establishment.	Number of successful vaccinations.				Ratio per cent. of successful cases.				Ratio per cent. of total successful cases.	
	1893–94.		1894–95.		1893–94.		1894–95.			
	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	1893–94.	1894–95.
Local Fund vaccinators ...	897,051	37,074	874,099	43,299	96·4	88·4	93·1	85·5	96·1	92·7
Government do. ...	14,015	111	16,717	162	91·2	83·5	91·7	94·2	91·1	94·8
Native States do. ...	5,536	...	4,904	36	91·1	...	86·1	100·0	91·1	86·2
Municipal do. ...	98,150	8,986	101,209	9,658	97·0	85·0	97·1	84·5	95·9	94·1
Cantonment do. ...	3,407	1,235	2,525	504	93·6	71·4	94·9	54·3	86·5	84·4
Dispensaries	23,079	1,347	20,663	1,287	89·2	72·5	87·4	69·3	88·0	86·1
Medical subordinates ...	1,943	7,619	2,980	6,991	81·9	56·3	88·5	58·3	60·1	64·9
Total ...	1,043,181	56,372	1,023,097	61,937	96·2	80·8	93·3	80·3	95·2	92·5

6. The next statement shows the operations arranged according to ages, from which it will be seen that in cases 'under one year of age' an increase of 55,796 is reported :—

Establishment.	Ages successfully vaccinated in 1893-94.			Total number of persons vaccinated in 1893-94.	Ages successfully vaccinated in 1894-95.			Total number of persons vaccinated in 1894-95.
	Under one year.	Over one and under six years.	Above six years.		Under one year.	Over one and under six years.	Above six years.	
Government	1,687	7,901	4,427	15,805	2,293	9,259	5,165	18,960
Local Funds	184,433	493,564	219,054	992,390	233,578	484,737	155,784	1,009,994
Native States	390	3,683	1,463	6,359	440	3,440	1,024	5,814
Municipalities	47,940	39,329	10,881	113,837	55,039	38,271	7,899	118,135
Cantonments	1,804	1,327	276	5,489	1,707	753	65	3,739
Civil dispensaries	5,617	12,757	4,705	28,513	4,183	11,215	5,265	26,410
Medical subordinates ...	56	147	1,740	16,439	483	510	1,987	15,870
Total ...	241,927	558,708	242,546	1,178,832	297,723	548,185	177,189	1,198,922

7. The progress of infantile vaccination in the various districts and municipalities is shown in the following statement, in which the names are arranged in order of merit :—

Districts.	Number of births.	Number successfully vaccinated under one year.	Proportion per cent. protected.
Madura	41,862	28,267	67·5
Coimbatore	54,921	26,598	48·4
Chingleput	39,980	19,057	47·7
Bellary	27,439	11,402	41·9
Salem	59,293	23,488	39·6
South Arcot	62,904	22,829	36·3
Tinnevelly	54,368	16,143	29·7
Anantapur	20,635	5,877	28·5
Vizagapatam	46,531	12,892	27·7
Nilgiris	2,208	582	26·4
Cuddapah	33,898	8,785	25·9
North Arcot	56,942	13,527	23·8
Kistna	56,042	12,723	22·7
Nellore	35,534	6,652	18·7
Trichinopoly	34,147	5,501	16·1
Gódávari	44,835	6,805	15·2
Kurnool	24,173	3,235	13·4
Tanjore	51,108	6,323	12·4
Ganjám	32,822	2,683	8·2
South Canara ...	31,667	1,823	5·7
Malabar	54,107	1,119	2·1
Total ...	865,416	236,311	27·3

Municipalities.	Number of births.	Number successfully vaccinated under one year.	Proportion per cent. protected.
Coonoor	210	300	142·9
Ootacamund	466	577	123·8
Bimlipatam	297	339	114·1
Negapatam	1,874	2,031	108·4
Wallajapet	334	337	100·9
Máyavaram	688	687	99·9
Salem	2,565	2,550	99·4
Madura	2,753	2,711	98·5
Trichinopoly	1,658	1,632	98·4
Masulipatam	1,055	1,024	97·1
Guntúr	784	753	96·0
Tinnevelly	886	848	95·8
Bellary	2,169	2,074	95·6
Bezwada	635	605	95·3
Vizianagram ...	924	863	93·4
Vizagapatam	1,189	1,071	90·9
Mangalore	1,243	1,027	90·7
Erode	400	356	89·0
Gudiyáttam	496	441	89·0
Tiruppattúr	684	607	88·7
Chidambaram ...	500	442	88·4
Vellore	1,560	1,343	86·1
Anantapur	202	173	85·6
Parlákimedi	529	447	84·5
Periyakulam	698	586	84·0
Ádóni	955	796	83·3
Palamcottah	580	479	82·6
Chicacole	419	339	80·9
Tirupati	445	368	80·4
Cocanada	1,010	797	78·9
Mannárgudi	598	459	78·5
Madras	16,973	13,230	77·9
Tellicherry	886	686	77·4
Ongole	350	270	77·1
Ellore	665	505	75·9
Cannanore	1,185	896	75·6
Vániyambádi	783	582	74·3
Conjeeveram	1,647	1,228	73·9
Palghat	1,451	1,044	71·9
Dindigul	939	670	71·3
Karúr	411	293	71·3
Nellore	874	622	71·2
Coimbatore	1,765	1,193	67·6
Kurnool	778	497	63·9
Calicut	2,375	1,495	63·0
Rajahmundry ...	970	603	62·2
Kumbakónam ...	1,587	931	58·7
Anakápalle	621	354	57·0
Cuddalore	1,517	829	54·6
Srírangam	656	342	52·1
Tuticorin	682	352	51·6
Cochin	615	295	48·0
Palni	552	248	44·9
Cuddapah	296	132	44·6
Berhampur	658	252	38·3
Tanjore	1,601	428	26·7
Total ...	69,643	55,039	79·0

8. The average number of operations per man has increased in all the establishments as shown below :—

Establishment.	Number of vaccinators.		Average number of operations per man.		Increase or decrease per man.	
	1893-94.	1894-95.	1893-94.	1894-95.	Increase.	Decrease.
Local Fund vaccinators	664	661	1,495	1,528	33	...
Government do.	26	20	608	948	340	...
Native States do.	10	8	636	727	91	...
Municipal do.	91	87	991	1,074	83	...
Madras Town do.	24	24	985	1,030	45	...
Cantonment do.	6	* 6	915	935	20	...
Total ...	821	806	1,381	1,435	59	...

* Two vaccinators' places were vacant for a greater part of the year.

9. The following statement shows the cost of the various establishments and of each successful case as compared with the previous year :—

Establishment.	Total expenditure.		Average cost of each successful case.	
	1893-94.	1894-95.	1893-94.	1894-95.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Government establishment	7,689 9 5	8,234 5 5	0 8 9	0 7 10
Local Fund do.	1,81,782 7 0	1,80,457 12 0	0 3 1	0 3 2
Municipal do.	34,076 9 3	32,779 10 5	0 5 1	0 4 10
Native States do.	1,239 2 7	1,063 12 0	0 3 7	0 3 5
Cantonments do.	2,596 12 8	2,107 1 0	0 8 11	0 11 2
Total ...	2,27,384 8 11	2,24,642 8 10	0 3 5	0 3 5

10. The following table compares the total number vaccinated, total successful cases and average cost of each successful case in the various Local Fund districts with the results of the previous year :—

Districts.	Total number of vaccinations.		Number of successful vaccinations.				Ratio per cent. of successful cases.		Average cost of each successful case.		Average number of operations performed by each vaccinator.	
			1893-94.		1894-95.							
	1893-94.	1894-95.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	1893-94.	1894-95.	1893-94.	1894-95.	1893-94.	1894-95.
									Rs. A. P.	Rs. A. P.		
Anantapur ...	19,710	19,287	18,355	590	17,469	495	96·9	94·7	0 4 9	0 5 2	1,159	1,135
Bellary ...	25,028	26,363	24,339	112	24,956	407	98·6	97·9	0 5 4	0 5 1	1,043	1,100
Chingleput ...	42,432	41,884	37,839	2,660	36,182	2,645	96·9	94·9	0 2 10	0 2 11	1,845	1,675
Coimbatore ...	58,165	69,207	48,137	578	52,999	1,259	87·4	80·3	0 3 3	0 2 5	1,491	1,821
Cuddapah ...	35,882	39,667	32,463	2,058	36,643	1,518	97·2	97·1	0 5 7	0 4 8	1,025	1,133
Ganjám ...	26,570	23,134	24,419	730	17,170	684	95·1	77·7	0 4 1	0 5 9	886	771
Gódávari ...	43,501	50,031	40,661	227	46,710	627	96·2	96·8	0 3 11	0 4 3	906	1,021
Kistna ...	55,595	63,621	50,389	340	56,926	2,212	94·1	94·1	0 3 7	0 3 3	1,112	1,552
Kurnool ...	16,001	21,469	12,825	1,921	15,127	2,380	96·1	84·8	0 5 5	0 4 4	1,333	1,342
Madura ...	91,401	79,855	83,985	3,933	69,882	3,384	97·8	93·2	0 2 2	0 2 6	2,176	1,901
Malabar ...	65,869	59,546	60,920	1,142	54,243	802	96·2	95·1	0 2 10	0 3 3	1,464	1,294
Nellore ...	30,811	32,620	28,718	37	28,064	170	95·7	89·5	0 4 10	0 4 10	994	1,087
Nilgiris ...	2,513	4,330	2,297	117	3,726	398	97·6	97·4	0 8 2	0 4 1	838	1,443
North Arcot ...	53,252	45,834	48,923	2,252	42,353	2,007	97·2	97·5	0 4 0	0 4 1	1,479	1,273
Salem ...	67,663	76,598	58,706	4,702	64,120	5,063	96·1	93·7	0 2 4	0 2 0	1,440	1,665
South Arcot ...	68,832	71,900	66,751	390	69,104	1,186	98·7	98·8	0 3 0	0 2 8	1,860	1,943
South Canara ...	37,798	34,684	32,977	1,002	21,238	462	92·1	66·2	0 2 5	0 3 10	1,575	1,445
Tanjore ...	50,743	55,398	45,363	1,896	48,287	2,661	96·0	95·7	0 2 9	0 2 7	1,371	1,497
Tinnevelly ...	86,477	82,626	75,009	7,528	72,043	7,444	98·1	98·1	0 2 1	0 3 5	2,365	2,233
Trichinopoly ...	46,539	39,896	42,433	3,195	36,313	2,799	98·8	91·8	0 2 0	0 2 4	3,103	2,660
Vizagapatam ...	67,608	72,044	61,482	1,164	60,544	4,696	94·8	89·4	0 2 4	0 2 6	2,113	2,183
Total ...	992,390	1,009,994	897,051	37,074	874,099	43,299	96·1	92·7	0 3 1	0 3 2	1,495	1,528

. A decrease is shown in the nine districts mentioned below; those marked by an asterisk also showed a decrease last year :—

Madura (11,546).—Attributed to prevalence of cholera, vacancies and changes in staff and insufficient supply of lymph.

* *North Arcot* (7,418).—Attributed to insufficient supply of calves, indolence of vaccinators and absence on leave.

Trichinopoly (6,643).—Said to be owing to the indolence of the vaccinators, absence of the staff on leave, and insufficient supply of calves.

Malabar (6,323).—Owing to changes in Deputy Inspector, absence of vaccinators on leave and unwillingness of parents.

Tinnevelly (3,851).—Entirely in the Sáttúr Circle attributed to the absence of the staff on leave and prohibition of vaccination in markets and fairs.

* *South Canara* (3,114).—Due to incompleteness of staff for nearly nine months and failure of lymph supply.

Chingleput (548).—No reason given.

* *Ganjám* (3436).—Owing to absence of small-pox, unwillingness of people and insufficient supply of lymph.

Anantapur (423).—Attributed to want of assistance from civil authorities.

The following districts show the largest increase, viz., Coimbatore (11,042), Salem (8,935), Kistna (8,026), Gódávari (6,530), Kurnool (5,468) and Vizagapatam (4,436).

The low percentage of success in Coimbatore and South Canara is attributed to the bad quality of the glycerinized lymph and glycerinized paste supply, and in Kurnool to its deterioration owing to excessive heat.

11. The proportion of males to females vaccinated during the year is shown in the following table:—

Districts.	Population according to census of 1891.		1893-94. Total number vaccinated.		1893-94. Proportion per cent. to total number vaccinated.		1893-94. Proportion per cent. to population.		1894-95. Total number vaccinated.		1894-95. Proportion per cent. to total number vaccinated.		1894-95. Proportion per cent. to population.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Anantapur ...	358,818	342,737	10,307	9,403	52·3	47·7	2·9	2·7	10,207	9,080	52·9	47·1	2·8	2·6
Bellary	415,506	398,910	12,945	12,083	51·7	48·3	3·1	3·0	13,541	12,822	51·4	48·6	3·3	3·2
Chingleput ...	552,161	542,219	21,712	20,720	51·2	48·8	3·9	3·8	21,702	20,182	51·8	48·2	3·9	3·7
Coimbatore ...	948,177	987,199	29,794	28,371	51·2	48·8	3·1	2·8	35,291	33,916	51·0	49·0	3·7	3·3
Cuddapah	637,655	617,038	19,846	16,036	55·3	44·7	3·1	2·6	21,675	17,992	54·6	45·4	3·4	2·9
Ganjám	735,819	793,374	14,211	12,359	53·5	46·5	1·9	1·6	12,542	10,592	54·2	45·8	1·7	1·3
Gódávari	935,469	960,180	22,835	20,666	52·5	47·5	2·4	2·2	26,681	23,350	53·3	46·7	2·9	2·4
Kistna	896,594	876,079	28,922	26,673	52·2	48·0	3·2	3·0	32,871	30,750	51·7	48·3	3·7	3·5
Kurnool	420,491	408,440	10,047	5,954	62·8	37·2	2·4	1·5	13,252	8,217	61·7	38·2	3·2	2·0
Madura	1,181,863	1,285,607	47,784	43,617	52·3	47·7	4·0	3·4	41,448	38,407	51·9	48·1	3·5	3·0
Malabar	1,219,904	1,244,250	43,032	22,837	65·3	34·7	3·5	1·8	39,346	20,200	66·1	33·9	3·2	1·6
Nellore	716,860	706,680	15,454	15,357	50·2	49·8	2·2	2·2	16,433	16,187	50·4	49·6	2·3	2·3
Nilgiris	45,032	33,663	1,441	1,072	57·3	42·7	3·2	3·2	2,568	1,762	59·3	40·7	5·7	5·2
North Arcot ...	1,052,211	1,039,877	27,875	25,377	52·3	47·7	2·6	2·4	23,450	22,384	51·2	48·8	2·2	2·2
Salem	914,033	948,511	34,431	33,232	50·9	49·1	3·8	3·5	38,407	38,191	50·7	49·9	4·2	4·0
South Arcot ...	1,046,858	1,049,998	34,916	33,916	50·7	49·3	3·3	3·2	36,422	35,478	50·7	49·3	3·5	3·4
South Canara ...	487,842	523,595	20,053	17,745	53·1	46·9	4·1	3·4	18,254	16,430	52·6	47·4	3·7	3·1
Tanjore	965,348	1,050,688	26,702	24,041	52·6	47·4	2·8	2·3	28,686	26,712	51·8	48·2	3·0	2·5
Tinnevelly ...	899,150	948,384	48,181	38,296	56·9	44·2	5·4	4·0	44,845	37,781	54·3	45·7	5·0	4·0
Trichinopoly ...	609,250	651,226	23,066	23,473	49·6	50·4	3·8	3·5	19,816	20,080	49·7	50·3	3·3	3·1
Vizagapatam ...	915,636	935,370	34,862	32,746	51·6	48·4	3·8	3·5	36,549	35,495	50·7	49·3	4·0	3·8
Total ...	15,954,677	16,344,025	528,416	463,974	53·2	46·8	3·3	2·8	533,986	476,008	52·9	47·1	3·4	2·3

12. The work in municipalities is shown in the following table :—

Municipalities.	Population.		Total number vaccinated. Males.	Females.	Total.	Monthly average.	Primary vaccination. Successful. Under one year.	Over one and under six years.	Above six years.	Total.	Re-vaccination. Successful.	Total.	Proportion per cent. to total primarily vaccinated. Under one year.	Over one and under six years.	Above six years.	Number of all successful vaccinations and re-vaccinations.	Percentage of success. Primary vaccination.	Re-vaccination.	Average cost of each successful case.
			M.	F.															Rs. A. P.
Ádóni ...	1893-94	...	660	631	1,291	108	798	365	31	1,291	...	...	61·8	28·3	2·4	1,194	93·9	...	0 5 4
	1894-95	...	783	613	1,396	116	796	231	54	1,259	99	187	63·2	18·3	4·3	1,180	88·0	78·0	0 5 3
Anantapur ...	1893-94	...	253	130	383	32	200	38	4	244	104	139	82·0	15·5	1·6	346	97·1	70·7	0 9 10
	1894-95	...	370	96	466	39	173	23	8	210	206	256	82·4	10·9	3·8	410	98·6	90·4	0 9 0
Anakápalle ...	1893-94	...	738	558	1,296	108	340	645	117	1,123	123	173	30·3	57·4	10·4	1,225	98·6	77·3	0 2 5
	1894-95	...	705	584	1,289	107	354	631	86	1,110	126	179	31·9	56·8	7·7	1,197	97·5	72·4	0 1 11
Bellary ...	1893-94	...	1,646	1,293	2,939	245	1,553	824	181	2,683	223	256	57·9	30·7	6·7	2,781	96·0	87·4	0 5 0
	1894-95	...	1,718	1,265	3,003	250	2,074	411	68	2,687	265	316	77·2	15·3	2·5	2,818	95·5	85·5	0 5 10
Berhampur ...	1893-94	...	484	448	932	78	123	461	110	922	4	10	13·3	50·0	11·9	698	77·0	40·0	0 6 3
	1894-95	...	521	575	1,096	91	252	472	58	1,087	5	9	23·2	43·4	5·3	787	73·6	55·6	0 6 3
Bezwada ...	1893-94	...	944	804	1,748	146	546	794	137	1,524	185	224	35·7	52·0	9·0	1,662	96·9	89·8	0 6 10
	1894-95	...	1,016	944	1,960	163	605	771	200	1,597	309	363	37·9	48·2	12·5	1,885	99·2	89·8	0 5 8
Bimlipatam ...	1893-94	...	384	208	592	49	154	178	59	398	172	194	38·7	44·7	14·8	563	98·2	89·6	0 5 11
	1894-95	...	396	323	719	60	339	208	44	596	98	123	56·9	34·9	7·4	689	99·3	80·3	0 5 2
Calicut ...	1893-94	...	3,032	1,202	4,324	360	1,831	1,478	8	4,316	...	8	12·4	42·4	42·4	3,845	93·4	...	0 4 1
	1894-95	...	3,994	3,200	7,194	599	3,495	1,908	9	7,184	9	10	20·8	48·9	26·6	6,925	98·1	90·0	0 4 7
Cannanore ...	1893-94	...	1,082	684	1,766	147	536	354	257	1,488	251	278	49·9	24·4	26·5	1,728	99·0	94·1	0 5 9
	1894-95	...	1,102	724	1,826	152	714	363	292	1,428	292	398	62·7	32·6	...	1,654	97·0	80·4	*
Chicacole ...	1893-94	...	418	430	848	71	896	466	...	707	59	141	26·0	30·8	10·5	585	69·2	41·8	0 6 3
	1894-95	...	616	582	1,198	100	184	218	74	1,117	141	81	30·3	32·1	17·5	915	80·1	26·6	0 4 0
Chidambaram ...	1893-94	...	423	358	811	68	339	359	196	804	21	7	51·1	41·9	3·2	781	98·3	100·0	0 7 2
	1894-95	...	426	377	803	67	411	337	26	787	7	16	56·1	40·1	2·3	786	99·4	62·5	0 7 1
Cochin ...	1893-94	...	754	395	1,149	96	442	316	18	925	10	18	20·7	39·9	36·8	1,093	98·1	85·6	0 1 10
	1894-95	...	750	443	1,193	99	192	369	341	1,067	191	224	27·6	45·4	21·5	1,095	95·6	69·1	0 4 8
Cocanada ...	1893-94	...	1,289	1,283	2,572	215	295	485	230	2,538	85	126	24·3	55·8	17·4	2,497	98·6	35·3	0 4 10
	1894-95	...	1,192	1,051	2,243	187	626	1,417	442	2,218	12	34	35·9	46·2	16·1	2,189	99·1	33·3	0 5 6
Coimbatore ...	1893-94	...	822	798	1,620	135	797	1,026	358	1,602	8	25	61·4	32·6	2·4	1,556	97·3	61·1	0 5 1
	1894-95	...	933	874	1,807	151	984	523	48	1,750	11	18	68·2	27·9	2·7	1,782	94·6	64·0	0 2 8
Conjeveram ...	1893-94	...	797	655	1,452	121	1,193	488	30	1,316	53	57	75·1	21·7	2·3	1,426	99·5	89·6	0 6 2
	1894-95	...	878	868	1,746	146	989	286	136	1,570	121	136	78·2	15·1	0·9	1,591	94·6	64·0	0 5 10
Coonoor ...	1893-94	...	296	242	538	45	208	188	15	477	110	176	43·6	39·4	7·7	530	100·0	95·1	0 7 4
	1894-95	...	375	307	682	57	300	241	76	602	58	61	49·8	40·0	7·7	661	99·0	96·1	0 6 6
Cuddalore ...	1893-94	...	1,925	1,088	3,013	251	576	1,395	47	2,611	73	80	49·8	53·4	23·4	2,882	99·4	81·5	0 3 2
	1894-95	...	1,184	883	2,067	172	829	906	612	1,897	299	402	22·0	42·5	7·4	1,999	99·7	99·2	0 2 8
Cuddapah ...	1893-94	...	254	208	462	38	170	40	141	415	123	170	43·7	42·5	39·0	406	91·4	75·5	0 7 5
	1894-95	...	334	174	508	42	132	198	85	434	34	47	41·0	9·6	19·6	465	95·6	71·4	0 7 0

* Information not received.

Municipalities.		Population.	Total number vaccinated.			Monthly average.	Primary vaccination.				Re-vaccination.		Proportion per cent. to total primarily vaccinated.			Number of all successful vaccinations and re-vaccinations.	Percentage of success.		Average cost of each successful case.		
							Total.	Successful.			Total.	Successful.					Primary vaccination.	Re-vaccination.			
			Males.	Females.	Total.			Under one year.	Over one and under six years.	Above six years.			Under one year.	Over one and under six years.	Above six years.				Rs.	A.	P.
Dindigul	1893–94 ...	20,203	499	516	1,015	85	926	638	270	1	89	72	68·9	29·1	0·1	981	99·2	88·9	0	8	9
	1894–95 ...		525	444	969	81	877	670	197	...	92	83	76·4	22·4	...	950	99·5	91·2	0	8	1
Ellore	1893–94 ...	29,382	1,282	1,015	2,297	191	2,255	443	1,512	263	42	39	19·6	67·0	11·7	2,257	98·9	95·1	0	2	9
	1894–95 ...		1,156	1,063	2,219	185	2,178	505	1,349	288	41	39	23·2	61·9	13·2	2,181	98·6	95·1	0	4	0
Erode	1893–94 ...	12,330	328	253	581	49	544	268	167	60	37	27	49·3	30·7	11·0	522	91·0	73·0	0	7	7
	1894–95 ...		352	288	640	53	584	356	158	14	56	51	60·9	27·0	2·4	579	90·7	91·1	0	4	6
Gudiyáttam	1893–94 ...	18,747	351	352	703	59	691	305	276	86	12	10	44·3	39·9	12·4	677	98·5	83·3	0	6	7
	1894–95 ...		396	309	705	59	678	441	213	6	27	23	65·0	31·4	0·9	683	99·7	85·2	0	5	11
Guntúr	1893–94 ...	23,359	628	542	1,170	97	1,001	676	251	52	169	142	67·5	25·0	5·2	1,121	99·0	87·6	0	6	3
	1894–95 ...		645	533	1,178	98	1,112	753	301	49	66	52	67·7	27·0	4·4	1,155	99·5	85·2	0	5	7
Karúr	1893–94 ...	10,750	152	137	289	24	261	49	110	14	28	12	18·8	42·1	5·4	185	66·3	48·0	1	1	5
	1894–95 ...		433	410	843	70	825	293	412	25	18	11	35·5	49·9	3·0	741	89·0	64·1	0	4	8
Kumbakónam ...	1893–94 ...	54,307	838	823	1,661	138	1,620	779	745	40	41	39	48·1	46·0	2·5	1,603	96·6	95·1	0	7	9
	1894–95 ...		886	835	1,721	143	1,654	931	621	45	67	61	56·3	37·5	2·7	1,658	96·6	91·0	0	7	9
Kurnool	1893–94 ...	24,376	683	357	1,040	87	633	311	212	37	407	243	49·1	33·5	5·8	803	98·9	68·2	0	10	9
	1894–95 ...		784	530	1,314	110	1,033	497	248	26	281	94	48·1	24·0	2·5	865	91·7	67·6	0	8	7
Madras	1893–94 ...	452,518	13,693	9,951	23,644	1,970	19,140	13,194	4,923	709	4,504	3,413	68·9	25·7	3·7	22,239	99·5	90·2	0	6	6
	1894–95 ...		14,270	10,455	24,725	2,060	19,411	13,230	5,330	522	5,314	4,227	68·1	27·4	2·7	23,309	99·6	91·0	0	6	0
Madura	1893–94 ...	87,428	3,286	2,073	5,359	447	4,256	2,566	1,381	226	1,103	1,028	60·3	32·4	5·3	5,201	98·5	94·5	0	2	3
	1894–95 ...		2,601	2,141	4,742	395	4,518	2,711	1,517	116	224	174	60·0	33·6	2·6	4,518	97·5	91·1	0	2	4
Mannárgudi	1893–94 ...	20,395	451	415	866	72	829	406	336	62	37	31	49·0	40·5	7·5	835	98·3	83·8	0	5	9
	1894–95 ...		429	387	816	68	802	459	284	23	14	11	57·2	35·4	2·9	777	96·6	78·6	0	3	2
Mangalore	1893–94 ...	40,922	1,409	1,234	2,643	220	2,344	834	1,468	...	299	293	35·6	62·6	...	2,595	98·2	98·0	0	2	4
	1894–95 ...		1,231	1,074	2,305	192	1,929	1,027	846	...	376	351	53·2	43·3	...	2,224	97·1	93·4	0	2	9
Masulipatam	1893–94 ...	38,809	1,473	988	2,461	205	2,239	741	1,088	346	222	157	33·1	48·6	15·4	2,332	97·1	70·7	0	5	0
	1894–95 ...		1,592	1,216	2,808	234	2,397	1,024	1,188	150	411	341	42·7	49·6	6·2	2,703	98·5	83·0	0	3	7
Máyavaram	1893–94 ...	23,765	431	438	869	72	863	562	148	34	6	6	65·0	17·1	3·8	750	86·2	100·0	0	6	8
	1894–95 ...		450	432	882	74	857	687	126	38	25	25	80·2	14·7	4·4	876	99·3	100·0	0	5	10
Negapatam	1893–94 ...	59,221	2,176	1,679	3,855	321	3,683	1,975	1,432	151	172	134	53·6	38·9	4·1	3,692	98·3	85·9	0	3	1
	1894–95 ...		2,190	1,801	3,991	333	3,760	2,031	1,455	56	231	210	54·0	38·7	1·5	3,752	98·1	95·0	0	3	3
Nellore	1893–94 ...	20,336	828	507	1,335	111	1,071	776	227	59	264	205	72·4	21·2	5·5	1,267	99·1	77·3	0	6	2
	1894–95 ...		565	386	951	79	850	622	119	107	101	94	73·2	14·0	12·6	942	99·8	93·1	0	5	10
Ongole	1893–94 ...	10,860	271	230	501	42	447	228	98	58	54	19	51·0	21·9	13·0	403	91·2	35·2	0	7	3
	1894–95 ...		270	161	431	36	395	270	31	17	36	18	68·3	7·8	4·3	336	83·7	50·0	0	6	4
Ootacamund	1893–94 ...	15,053	453	370	823	69	755	361	278	53	68	59	47·8	36·8	7·0	751	92·7	88·0	0	6	8
	1894–95 ...		650	562	1,212	101	1,068	577	354	131	144	125	54·0	33·1	12·2	1,187	99·6	86·8	0	5	8

Palamcottah	1893–94 ...	18,686	483	338	821	68	733	464	201	66	88	73	62·9	27·4	9·0	801	99·3	83·0	0	7	7
	1894–95 ...		514	480	994	83	860	479	207	144	134	104	55·7	24·0	16·7	934	97·5	85·1	0	5	10
Palghat	1893–94 ...	39,481	2,189	1,739	3,928	327	3,925	369	1,991	1,492	3	2	9·4	50·7	38·0	3,854	98·7	66·6	0	1	1
	1894–95 ...		1,899	1,744	3,643	304	3,609	1,044	1,937	303	34	30	28·9	53·7	8·4	3,314	91·7	88·2	0	3	0
Parlákimedi	1893–94 ...	16,390	417	445	862	72	862	344	242	60	...	...	39·9	28·1	7·0	646	74·9	...	0	2	11
	1894–95 ...		488	486	974	81	974	447	349	99	...	...	45·9	35·8	10·2	895	91·9	...	0	2	10
Periyakulum	1893–94 ...	16,363	451	408	859	72	769	561	188	5	90	61	72·9	24·4	0·6	815	99·2	71·8	0	7	10
	1894–95 ...		460	440	900	75	755	586	146	11	145	113	77·6	19·3	1·4	856	98·5	80·1	0	5	6
Palni	1893–94 ...	16,940	427	350	777	65	678	387	193	24	99	75	57·1	28·4	3·5	679	89·5	78·1	0	4	0
	1894–95 ...		435	306	741	62	575	248	138	11	166	87	43·1	24·0	1·9	484	72·1	55·8	0	4	1
Rajahmundry	1893–94 ...	28,397	742	588	1,330	111	1,246	520	634	...	84	57	41·7	50·9	...	1,211	93·9	72·1	0	6	9
	1894–95 ...		1,212	673	1,885	157	1,476	603	649	192	409	342	40·8	43·9	13·0	1,786	98·2	83·8	0	5	2
Salem	1893–94 ...	67,710	1,318	1,321	2,639	220	2,638	2,109	399	23	1	1	79·9	15·1	0·9	2,532	96·8	100·0	0	3	7
	1894–95 ...		1,649	1,498	3,147	262	3,141	2,550	511	59	6	6	81·2	16·2	1·8	3,126	99·8	100·0	0	2	2
Srírangam	1893–94 ...	21,632	480	495	975	81	923	386	393	82	52	46	41·8	42·6	8·9	907	93·4	95·8	0	3	5
	1894–95 ...		556	527	1,083	90	1,059	342	495	154	24	21	32·3	46·7	14·5	1,012	95·2	95·5	0	3	5
Tanjore	1893–94 ...	54,390	1,461	1,506	2,967	247	2,918	437	1,936	477	49	26	15·0	66·3	16·3	2,876	97·8	57·8	0	1	2
	1894–95 ...		941	953	1,894	158	1,882	428	1,123	273	12	7	22·7	59·7	14·5	1,831	97·5	70·0	0	2	11
Tellicherry	1893–94 ...	27,196	1,029	855	1,884	157	1,772	718	836	114	112	87	40·5	47·2	6·4	1,755	97·5	82·8	0	4	2
	1894–95 ...		908	565	1,473	123	1,172	686	306	117	301	170	58·5	26·1	10·0	1,279	97·3	64·2	0	4	9
Tinnevelly	1893–94 ...	24,768	1,010	854	1,864	155	1,864	794	697	319	...	...	42·6	37·4	17·1	1,810	97·1	...	0	4	4
	1894–95 ...		991	835	1,826	152	1,826	848	655	209	...	...	46·4	35·9	11·4	1,712	96·2	...	0	4	4
Trichinopoly	1893–94 ...	90,609	3,206	2,864	6,070	506	5,473	1,452	3,176	683	597	489	26·5	58·0	12·5	5,800	97·9	88·4	0	3	0
	1894–95 ...		3,373	2,759	6,132	511	5,579	1,632	3,174	626	553	439	29·2	56·9	11·2	5,871	98·1	83·8	0	3	2
Tiruppattúr	1893–94 ...	16,499	352	310	662	55	662	492	129	29	...	...	74·3	19·5	4·4	650	98·2	...	0	4	11
	1894–95 ...		390	356	746	62	731	607	98	18	15	14	83·0	13·4	2·5	737	98·9	93·0	0	4	1
Tirupati	1893–94 ...	14,242	285	288	573	48	568	382	158	...	5	4	67·2	27·8	...	544	95·0	80·0	0	11	2
	1894–95 ...		260	236	496	41	480	368	62	27	16	4	76·7	12·9	5·6	461	98·3	25·0	0	12	2
Tuticorin	1893–94 ...	25,107	1,015	770	1,785	149	1,785	478	1,019	209	...	...	26·8	57·1	11·7	1,706	95·6	...	0	3	4
	1894–95 ...		789	612	1,401	117	1,401	352	757	222	...	...	25·0	54·0	15·8	1,331	95·0	...	0	3	11
Vániyambádi	1893–94 ...	15,838	528	445	973	81	973	577	320	37	...	...	59·3	32·9	3·8	934	96·1	...	0	4	0
	1894–95 ...		484	407	891	74	891	582	261	33	...	...	65·3	29·3	3·7	876	98·4	...	0	3	9
Vellore	1893–94 ...	44,925	1,149	881	2,030	169	1,881	1,190	627	54	149	99	63·3	33·3	2·9	1,970	99·5	66·4	0	5	7
	1894–95 ...		1,546	968	2,514	210	2,287	1,343	829	100	227	125	58·7	36·2	4·4	2,397	99·5	55·6	0	5	1
Vizagapatam	1893–94 ...	34,487	1,024	606	1,630	136	1,409	1,009	306	50	221	87	71·6	21·7	3·5	1,452	97·4	41·6	0	3	10
	1894–95 ...		964	611	1,575	131	1,421	1,071	253	56	154	84	75·4	17·8	3·9	1,464	97·5	56·3	0	3	7
Vizianagram	1893–94 ...	30,881	1,036	800	1,836	153	1,739	529	904	229	97	79	30·4	52·0	13·2	1,741	96·3	82·3	0	2	10
	1894–95 ...		914	728	1,642	137	1,414	863	477	64	228	174	61·0	33·7	4·5	1,578	99·4	78·4	0	2	6
Walajapet	1893–94 ...	10,485	255	269	524	44	507	329	139	12	17	11	64·9	27·4	2·4	491	94·7	64·7	0	7	8
	1894–95 ...		281	249	530	44	514	337	112	4	16	6	65·6	21·8	0·8	459	89·0	37·5	0	8	7
Total ...	1893–94 ...	2,100,967	64,290	49,547	113,837	9,486	102,267	47,940	39,329	10,881	11,570	8,986	46·9	38·4	10·6	107,136	97·0	85·0	0	5	1
	1894–95 ...		65,772	52,363	118,135	9,845	105,575	55,039	38,271	7,899	12,560	9,658	52·1	36·2	7·5	110,867	97·1	84·5	0	4	10

The total number vaccinated shows an increase of 4,298 cases, but the work shows a decrease in the following 19 municipalities, those marked with an asterisk having shown a decline last year also:—* Cocanada (329), Cuddalore (946), * Dindigul (46), Ellore (78), Madura (617), * Mannárgudi (50), * Mangalore (338), * Nellore (384), Ongole (70), Palghat (285), * Palni (36), Tanjore (1,073), Tellicherry (411), * Tinnevelly (38), Tirupati (77), Tuticorin (384), Vániyambádi (82), Vizagapatam (55), Vizianagram (194).

The average cost per case is As. 4–10 slightly less than in previous year.

13. As regards the working of G.O., No. 1502 M., dated 19th October 1894, it is at present impossible to report fully, as its provisions have been misunderstood and the return incorrectly compiled by the majority of the municipalities concerned. This has necessitated the issue of detailed instructions after all possible mistakes had been noted and catalogued—a process which naturally required several months to complete. The Chairmen of the following municipalities have ignored the Government Order alluded to up to date notwithstanding reminders:—Cuddalore, Cuddapah, Madura, Máyavaram, Palni and Tellicherry. On the other hand the municipalities noted in the margin have regularly submitted returns.

Anantapur.	Karúr.
Bezwada.	Kurnool.
Bimlipatam.	Mannárgudi.
Chicacole.	Mangalore.
Conjeeveram.	Ongole.
Coonoor.	Tuticorin.
Dindigul.	Vizagapatam.
Guntúr.	

The necessity for the Government Order is amply demonstrated by the large numbers reported month after month as "referred to the Magistrate," while in not a single instance has a case of punishment been recorded for non-compliance with orders. Municipal Councillors appear hitherto to have considered that their responsibilities as regards vaccination ended with a reference to the Magistrate or a postponement on medical certificate.

14. The next table shows the work done by the Government vaccinators with an increase of 3,155 cases over the previous year:—

Hill Tracts.		Number of vaccinators.	Number vaccinated.			Primary vaccination.				Re-vaccination.		Percentage of success.		Cost of each successful case.	Average number of operations per man.
							Successful.								
			Males.	Females.	Total.	Total.	Under one year.	Over one and under six years.	Above six years.	Total.	Successful.	Primary vaccination.	Re-vaccination.		
														RS. A. P.	
Ganjám ...	1893–94 ...	9	2,171	2,076	4,247	4,247	648	1,767	1,409	...	...	92·7	...	0 9 6	708
	1894–95 ..	6	3,736	3,460	7,196	7,156	902	3,153	2,490	40	39	94·4	97·2	0 6 2	1,199
Gódávari.	1893–94 ...	6	2,014	1,752	3,766	3,677	631	1,738	1,025	89	76	93·0	87·4	0 6 5	628
	1894–95 ...	6	2,286	1,850	4,136	4,101	740	2,037	770	35	31	90·6	93·9	0 7 9	689
Gunupur.	1893–94 ...	4	1,659	1,393	3,052	3,043	278	1,595	646	9	8	85·5	88·8	0 10 4	763
	1894–95 ...	3	1,880	1,369	3,249	3,203	176	1,595	886	46	42	83·6	95·5	0 10 8	1,083
Jeypore ...	1893–94 ...	6	2,115	2,089	4,204	4,204	95	2,621	1,204	...	...	93·6	...	0 9 2	701
	1894–95...	4	2,022	1,712	3,734	3,734	455	2,240	807	...	...	81·4	...	0 8 5	933
Gudem ...	1893–94 ...	1	307	229	536	496	35	180	143	40	27	77·8	73·0	0 5 6	536
	1894–95 ...	1	326	319	645	586	20	234	212	59	50	91·4	90·9	0 6 2	645
Total ...	1893–94 ...	26	8,266	7,539	15,805	15,667	1,687	7,901	4,427	138	111	91·2	83·5	0 8 9	608
	1894–95 ...	20	10,250	8,710	18,960	18,780	2,293	9,259	5,165	180	162	91·7	94·2	0 7 10	948

15. The following table shows the work done in Native States with a decrease of 545 cases:—

Native States (Zemindaries)..		Number of vaccinators.	Number vaccinated.			Primary vaccination.				Re-vaccination.		Percentage of success.		Cost of each successful case.	Average number of operations per man.
							Successful.								
			Males.	Females.	Total.	Total.	Under one year.	Over one and under six years.	Above six years.	Total.	Successful.	Primary vaccination.	Re-vaccination.		
														RS. A. P.	
Jeypore.	1893–94...	7	2,282	1,929	4,211	4.211	151	2,463	995	...	...	90·1	...	0 3 4	602
	1894–95...	5	1,488	1,433	2,921	2,921	83	1,676	556	...	...	81·4	...	0 3 7	584
Gunupur	1893–94...	3	1,159	989	2,148	2,148	239	1,220	468	...	...	93·1	...	0 4 1	716
	1894–95...	3	1,497	1,396	2,893	2,857	357	1,764	468	36	36	90·8	100·0	0 3 4	964
Total.	1893–94...	10	3,441	2,918	6,359	6,359	390	3,683	1,463	...	...	91·1	...	0 3 7	636
	1894–95...	8	2,985	2,829	5,814	5,778	440	3,440	1,024	36	36	86·1	100·0	0 3 5	727

16. The work done in dispensaries shows a decrease of 2,103 cases as will be seen from the annexed table, although the number of dispensaries has been increased during the year by 6:—

Districts.		Number of dispensaries.	Number vaccinated.			Number vaccinated successfully.			Percentage of success.			Average number vaccinated at each dispensary.	Success of primary vaccination.		
			Primary vaccination.	Re-vaccination.	Total.	Primary vaccination.	Re-vaccination.	Total.	Primary vaccination.	Re-vaccination.	Total.		Under one year.	Above one and under six years.	Above six years.
Anantapur.	1893–94 ...	11	526	13	539	453	5	458	87·1	38·5	85·9	54	169	255	29
	1894–95 ...	11	298	5	303	289	...	289	97·0	...	95·4	30	88	200	1
Bellary ...	1893–94 ...	20	1,667	32	1,699	1,559	32	1,591	96·8	100·0	96·9	85	730	442	387
	1894–95 ...	21	1,166	54	1,220	1,088	45	1,133	95·5	83·3	95·0	72	384	574	130
Chingleput.	1893–94 ...	15	4,279	284	4,563	4,056	224	4,280	95·5	71·8	94·5	304	1,366	2,031	659
	1894–95 ...	15	3,188	353	3,541	2,984	249	3,233	94·3	72·8	92·1	236	981	1,544	459
Coimbatore	1893–94 ...	19	998	50	1,048	712	29	741	71·8	59·2	71·2	52	300	327	85
	1894–95 ...	24	1,441	83	1,524	1,219	63	1,282	87·2	82·9	87·0	63	406	659	154
Cuddapah...	1893–94 ...	14	193	22	215	151	8	159	79·9	44·4	76·8	22	37	72	42
	1894–95 ...	14	121	10	131	111	3	114	92·5	30·0	89·8	13	33	68	10
Ganjám ...	1893–94 ...	17	1,269	4	1,273	1,003	4	1,007	80·0	100·0	78·4	91	279	560	164
	1894–95 ...	16	1,452	22	1,474	1,201	12	1,213	85·1	57·1	84·6	98	240	655	352
Gódávari ...	1893–94 ...	25	2,137	93	2,230	1,708	59	1,767	80·9	63·4	80·2	89	238	951	519
	1894–95 ...	28	2,754	183	2,937	2,127	100	2,227	78·9	57·5	77·6	113	245	1,285	597
Kistna ...	1893–94 ...	21	1,103	55	1,158	875	37	912	79·5	84·1	79·7	68	148	542	185
	1894–95 ...	22	1,839	179	2,018	1,532	114	1,646	84·9	71·3	83·8	92	295	994	243
Kurnool ...	1893–94 ...	18	593	175	768	477	123	600	88·3	71·9	84·4	51	140	247	90
	1894–95 ...	18	1,242	261	1,503	783	114	897	66·8	46·5	63·3	88	217	425	141
Madras Town.	1893–94 ...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
	1894–95 ...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura ...	1893–94 ...	40	530	35	565	494	20	514	95·0	58·8	92·8	31	158	310	26
	1894–95 ..	37	253	18	271	221	13	234	90·9	72·2	89·7	30	75	130	16
Malabar ...	1893–94 ...	26	357	8	365	334	2	336	96·5	28·6	95·2	30	16	117	201
	1894–95 ..	26	194	...	194	172	...	172	95·0	...	95·0	24	...	21	151
Nellore ...	1893–94 ...	27	77	...	77	73	...	73	94·8	...	94·8	11	...	...	77
	1894–95 ...	27	70	4	74	68	4	72	97·1	100·0	97·3	19	...	...	68
Nilgiris ...	1893–94 ...	2	14	45	59	14	45	59	100·0	100·0	100·0	59	8	6	...
	1894–95 ..	3	12	2	14	12	2	14	100·0	100·0	100·0	14	7	5	...
North Arcot.	1893–94 ..	20	1,052	52	1,104	1,010	49	1,059	96·8	94·2	96·7	61	249	629	132
	1894–95 ..	20	543	18	561	492	13	505	91·8	72·2	91·2	31	109	303	80
Salem ...	1893–94 ..	24	2,187	126	2,313	1,926	94	2,020	91·6	79·0	90·9	100	518	1,114	294
	1894–95	23	1,365	74	1,439	1,175	51	1,226	90·0	75·9	89·2	65	381	680	114
South Arcot.	1893–94 ..	24	81	4	85	77	1	78	95·1	25·0	91·8	8	31	34	12
	1894–95 ..	24	51	17	68	38	5	43	79·2	62·5	76·8	8	5	14	19
South Canara.	1893–94 ...	18	437	73	510	357	34	391	87·5	52·3	82·7	28	22	205	130
	1894–95 ...	18	338	85	423	183	48	231	59·4	71·6	61·6	28	23	83	77
Tanjore ...	1893–94 ...	36	3,798	219	4,017	3,385	160	3,545	90·7	77·3	90·0	111	350	2,358	677
	1894–95 ...	37	4,374	313	4,687	3,895	262	4,157	93·0	84·2	92·4	138	407	2,794	604
Tinnevelly.	1893–94 ...	26	2,071	274	2,345	1,679	157	1,836	85·7	63·6	83·9	83	294	906	479
	1894–95 ...	26	2,063	182	2,245	1,684	106	1,790	88·0	66·6	87·4	90	...	...	1,684
Trichinopoly.	1893–94 ...	15	700	33	733	656	24	680	96·2	72·7	95·1	52	150	467	39
	1894–95 ..	14	491	7	498	434	1	435	89·7	14·3	88·6	45	76	271	87
Vizagapatam.	1893–94 ...	24	2,472	375	2,847	2,080	240	2,320	87·0	67·8	84·5	124	414	1,184	482
	1894–95 ...	24	1,160	125	1,285	1,035	82	1,117	91·3	75·2	89·1	71	218	515	302
Total ...	1893–94 ...	446	26,541	1,972	28,513	23,079	1,347	24,426	89·2	72·5	88·0	82	5,617	12,757	4,705
	1894–95 ...	452	24,415	1,995	26,410	20,663	1,287	21,950	87·4	69·3	86·1	81	4,183	11,215	5,265

17. Vaccination in cantonments shows a decrease of 1,750 cases as shown below:—

Cantonments.		Number of vaccinators.	Number vaccinated.			Primary vaccination.				Re-vaccination.		Percentage of success.		Cost of each successful case.	Average number of operations per man.
			Males.	Females.	Total.	Total.	Successful.			Total.	Successful.	Primary vaccination.	Re-vaccination.		
							Under one year.	Over one and under six years.	Above six years.						
Bangalore.	1893–94	2	476	305	781	675	477	165	...	106	75	95·1	70·8	RS. A. P. 0 7 10	390
	1894–95	2	463	343	806	762	521	192	...	44	33	93·4	75·0	0 7 6	403
Secunderabad.	1893–94	4	2,603	2,105	4,708	3,038	1,327	1,162	276	1,679	1,160	93·3	71·4	0 9 2	1,177
	1894–95	*4	1,565	1,368	2,933	1,965	1,186	561	65	968	471	95·5	53·2	0 12 4	1,468
Total ...	1893–94	6	3,079	2,410	5,489	3,713	1,804	1,327	276	1,776	1,235	93·6	71·4	0 8 11	915
	1894–95	6	2,028	1,711	3,739	2,727	1,707	753	65	1,012	504	94·9	54·3	0 11 2	935

* Two vaccinators' places were vacant for a greater part of the year.

18. The following table shows the inspection work done by the Deputy Inspector of Vaccination during the year:—

Circles.	Number of Inspecting officers.		Number of villages visited.		Total number of persons vaccinated.	Number of days spent on inspection duty.	Number of cases verified.		Total number of cases inspected by Deputy Inspectors of all sorts.	Total number of successful cases inspected by Deputy Inspectors.	Percentage of successful cases to total number inspected as reported by Deputy Inspectors.	Proportion per cent. of inspection to total number vaccinated.	
	First-class Deputy Inspectors.	Second-class Deputy Inspectors.	First-class Deputy Inspectors.	Second-class Deputy Inspectors.			First-class Deputy Inspectors.	Second-class Deputy Inspectors.				First-class Deputy Inspectors.	Second-class Deputy Inspectors.
Anantapur ...	1	...	315	...	10,537	253	6,983	...	6,983	5,975	85·6	66·3	...
Penukonda ...	...	1	...	493	8,750	301	...	5,045	5,045	4,236	83·9	...	57·7
Bellary	1	...	423	...	17,600	290	10,610	...	10,610	9,730	91·7	54·5	...
Chingleput ...	1	...	684	...	24,526	288	13,145	5,535	5,535	5,175	93·5	...	63·2
Saidapet ...	1	...	789	...	17,358	255	12,008	...	13,145	12,294	93·5	53·6	...
North Coimbatore	1	...	802	...	16,949	230	9,420	...	12,008	11,623	96·8	69·2	...
South Coimbatore	...	1	...	628	23,624	245	...	13,302	9,420	8,540	90·7	55·6	...
East Coimbatore.	1	...	347	...	28,634	248	14,859	...	13,302	11,937	89·7	...	56·3
Cuddapah ...	1	...	740	...	13,232	294	8,172	...	14,859	13,301	89·5	51·9	...
Madanapalle ...	1	...	986	...	16,184	252	8,827	...	8,172	8,172	92·2	61·8	...
Siddhavattam ...	1	...	752	...	10,251	247	6,931	...	8,827	8,527	96·6	54·5	...
Chatrapur ...	1	...	315	...	13,648	203	5,890	...	6,931	6,413	92·5	67·7	...
Chicacole ...	1	...	496	...	9,486	281	*10,333	...	5,890	3,426	58·2	43·2	...
Ganjám Hill tracts ..	1	...	325	...	7,196	149	6,467	...	10,333	6,577	63·6	108·9	...
Ellore ...	1	...	306	...	21,849	247	13,868	...	6,467	6,111	94·5	89·9	...
Pithápuram ...	...	1	...	417	21,013	192	...	18,318	13,868	13,249	95·5	63·5	...
Rajahmundry ...	1	...	423	...	11,305	248	8,955	...	18,318	16,906	92·3	...	87·2
Guntúr ...	1	...	283	...	22,523	208	12,675	...	8,955	7,752	86·6	79·2	...
Masulipatam ...	1	...	482	...	25,796	270	15,986	...	12,675	11,711	92·4	56·6	...
Vinukonda ...	...	1	...	389	15,302	272	...	10,089	15,986	14,660	91·7	61·1	...
Cumbum ...	1	...	296	...	9,783	300	6,206	...	10,089	9,074	89·9	...	65·9
Kurnool ...	1	...	298	...	11,686	181	6,117	...	6,206	5,125	82·6	63·4	...
Madras ...	1	†4	...	...	24,725	1,447	4,655	10,415	6,117	4,392	71·8	52·3	...
Dindigul ...	1	...	509	...	28,633	219	13,645	...	15,070	14,679	97·4	60·9	
Madura ...	...	1	...	612	18,646	250	...	11,223	13,645	12,768	93·6	47·7	...
Paramagudi ...	1	...	926	...	32,576	254	21,290	...	11,223	10,396	92·6	...	60·2
Tellicherry ...	...	1	...	223	18,990	223	...	9,911	21,290	20,951	98·4	65·4	...
									9,911	9,629	97·2	...	52·2

* Includes last year's cases inspected this year.

† Assistant Deputy Inspectors.

Circles.	Number of Inspecting officers.		Number of villages visited.		Total number of persons vaccinated.	Number of days spent on inspection duty.	Number of cases verified.		Total number of cases inspected by Deputy Inspectors of all sorts.	Total number of successful cases inspected by Deputy Inspectors.	Percentage of successful cases to total number inspected as reported by Deputy Inspectors.	Proportion per cent. of inspection to total number vaccinated.	
	First-class Deputy Inspectors.	Second-class Deputy Inspectors.	First-class Deputy Inspectors.	Second-class Deputy Inspectors.			First-class Deputy Inspectors.	Second-class Deputy Inspectors.				First-class Deputy Inspectors.	Second-class Deputy Inspectors.
Calicut ...	1	...	160	...	22,226	167	7,557	...	7,557	6,972	92·3	34·0	...
Palghat ...	...	1	...	232	18,330	219	...	9,002	9,002	8,380	93·1	...	49·1
Nellore ...	1	...	731	...	13,465	279	7,332	...	7,332	6,816	93·0	54·5	...
Ongole ...	...	1	...	381	9,978	211	...	5,600	5,600	4,324	77·2	...	56·1
Kávali ...	...	1	...	380	9,177	225	...	6,488	6,488	5,570	85·8	...	70·7
Chittoor ...	1	...	726	...	16,898	194	9,161	...	9,161	8,648	94·4	54·2	...
Vellore ...	1	...	480	...	15,573	242	9,571	...	9,571	8,866	92·6	61·5	...
Karvetnagar ...	...	1	...	578	13,363	302	...	10,193	10,193	9,943	97·5	...	75·5
Salem	1	...	496	...	29,080	279	12,888	...	12,888	11,405	88·5	44·3	...
Krishnagiri ...	...	1	...	1,210	17,814	279	...	11,784	11,784	10,787	91·5	...	66·1
Námakkal ...	...	1	...	547	29,704	288	...	14,937	14,937	12,870	86·2	...	50·3
Cuddalore ...	1	...	820	...	44,537	287	23,643	...	23,643	23,220	98·2	53·1	...
Vriddhachalam.	...	1	...	589	27,363	251	...	16,670	16,670	16,253	91·5	...	60·9
No. I, South Canara ...	1	...	307	...	18,734	217	8,804	...	8,804	6,643	95·5	46·9	...
No. II, South Canara ...	...	1	...	288	15,950	222	...	8,590	8,590	7,534	87·7	...	53·8
Tanjore ...	1	...	922	...	31,175	298	17,851	...	17,851	17,404	97·5	57·3	...
Negapatam ...	1	...	608	...	24,223	283	15,112	...	15,112	14,081	93·2	62·4	...
Tinnevelly ...	1	...	465	...	32,611	209	16,124	...	16,124	15,354	95·2	49·4	...
Sáttár ...	1	...	...	517	24,787	248	...	18,959	18,959	17,502	92·3	...	76·5
Sérmádévi ...	...	1	...	609	25,228	251	...	19,227	19,227	17,093	88·9	...	76·2
Trichinopoly ...	1	...	566	...	39,896	250	18,201	...	18,201	17,885	98·3	45·6	...
Vizagapatam ...	...	1	...	283	32,729	186	...	12,118	12,118	10,877	89·8	...	37·0
Vizianagram ...	1	...	377	...	*41,602	229	17,538	...	17,538	16,458	93·8	42·2	...
Gunupur ...	...	1	...	458	6,142	257	...	5,522	5,522	4,937	89·4	...	89·9
Jeypore ...	1	...	415	...	6,655	186	4,954	...	4,954	4,269	86·2	74·4	...
Total ...	34	†23	17,570	9,363	1,056,805	13,906	385,778	222,928	608,706	557,420	91·6	54·2	64·5

* Includes cases done by municipal vaccinators.

Eight Deputy Inspectors failed to verify 50 per cent. of their cases:—Calicut 34 per cent., Vizagapatam 37 per cent., Vizianagram 42·2 per cent., Salem 44·3 per cent., Chatrapur 43·2 per cent., Trichinopoly 45·6 per cent., No. I, South Canara 46·9 per cent., Dindigul 47·7 per cent. Explanations have been called for from the Deputy Inspectors concerned, when not satisfactory the delinquents will be recommended for punishment.

19. The next table shows the results obtained from calf-to-arm vaccination:—

Circles.	Length of time animal vaccination was carried on.			Number of calves inoculated.	Primary Vaccination.					Re-vaccination.					Total.				
	Years.	Months.	Days.		Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.
Anantapur	...	...	9	8	264	222	28	14	88·8	30	24	6	...	80·0	294	246	34	14	87·9
Penukonda	1	...	...	89	267	265	2	...	99·3	12	5	7	...	41·7	279	270	9	...	96·8
Bellary	1	...	...	348	11,214	10,907	145	162	98·7	298	274	7	17	97·5	11,512	11,181	152	179	98·7
Harpanahalli	1	...	...	201	7,001	6,930	36	35	99·5	109	96	4	9	96·0	7,110	7,026	40	44	99·4
Chingleput	1	...	...	211	6,945	6,335	402	108	94·0	260	197	43	20	82·1	7,205	6,532	445	228	93·6
Saidapet	1	...	...	187	...	...	...	...	...	...	...	...	...	...	4,665	4,527	98	40	97·9
North Coimbatore	...	1	...	12	1,463	1,380	37	46	97·4	21	18	3	...	85·7	1,484	1,398	40	46	97·2
South Coimbatore *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East Coimbatore *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah	1	...	...	230	6,297	6,022	214	61	96·6	325	257	46	22	84·8	6,622	6,279	260	83	96·0
Madanapalle	1	...	...	351	10,435	10,364	71	...	99·3	100	80	18	2	81·6	10,535	10,444	89	2	99·2
Siddhavattam	1	...	...	62	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chatrapur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicacole *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ganjám Hill tracts *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ellore	...	9	...	57	324	323	...	1	100·0	4	...	...	4	...	328	323	...	5	100·0
Pithápuram	...	5	...	30	2,198	1,822	326	50	84·8	3	3	...	...	100·0	2,201	1,825	326	50	84·8
Rajahmundry	1	...	...	101	200	173	25	2	87·4	...	...	...	...	...	200	173	25	2	87·4
Guntúr	1	...	...	282	1,013	1,003	8	2	99·2	...	...	...	...	...	1,013	1,003	8	2	99·2
Masulipatam	1	...	...	301	46	44	2	...	95·7	4	4	...	...	100·0	50	48	2	...	96·0
Vinukonda *	1	...	...	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cumbum	...	7	15	108	2,863	2,794	45	24	98·4	711	711	...	...	100·0	3,574	3,505	45	24	98·7
Kurnool	...	8	10	97	3,407	2,940	226	241	92·9	989	808	119	62	87·2	4,396	3,748	345	303	91·6
Madras	1	...	...	632	19,067	18,743	68	256	99·6	5,314	4,227	418	669	91·0	24,381	22,970	486	925	97·9
Dindigul	...	8	14	271	13,512	13,082	239	191	98·2	1,277	1,029	172	76	85·7	14,789	14,111	411	267	97·2
Madura	...	8	...	96	8,472	8,271	89	112	98·9	619	541	22	56	96·2	9,091	8,812	111	168	98·8
Paramagudi	1	...	...	270	8,868	8,751	82	35	99·1	325	283	36	6	88·7	9,193	9,034	118	41	98·7
Tellicherry *	...	3	...	45	220	219	1	...	99·5	5	5	...	...	100·0	225	224	1	...	99·5
Calicut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palghat	...	2	14	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kávali *	...	5	19	42	1,366	1,307	12	47	99·1	39	27	11	1	71·1	1,405	1,334	23	48	98·3
Nellore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ongole	...	6	...	28	491	434	48	9	90·4	...	...	...	...	...	491	434	48	9	90·4
Chittoor	1	...	...	413	8,230	8,126	66	38	99·2	306	293	10	3	96·7	8,536	8,419	76	41	99·1
Vellore	1	...	...	210	6,834	6,619	164	51	98·0	985	719	247	19	74·4	7,819	7,338	411	70	94·7
Karvetnagar	1	...	...	231	6,571	6,488	71	12	98·9	310	300	9	1	97·1	6,881	6,788	80	13	98·8
Salem	...	...	...	...	20	19	1	...	95·0	...	...	...	...	...	20	19	1	...	95·0
Krishnagiri *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Námakkal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore	1	...	...	524	42,202	41,320	456	426	98·9	1,043	869	103	71	89·4	43,245	42,189	559	497	98·7
Vriddhachalam	1	...	...	306	26,772	26,300	233	239	99·1	345	309	20	16	93·9	27,117	26,609	253	255	99·1
No. I, South Canara *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
No. II, South Canara *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negapatam *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly	1	...	...	339	22,984	22,504	231	249	99·0	2,249	1,969	179	101	91·7	25,233	24,473	410	350	98·3
Sáttúr	1	...	...	216	19,642	19,182	222	238	98·9	1,911	1,689	120	102	93·4	21,553	20,871	342	340	98·4
Sérmádévi	1	...	...	257	18,274	17,517	371	386	98·0	2,806	2,591	93	122	96·5	21,080	20,108	464	508	97·7
Trichinopoly	1	...	...	550	36,986	36,313	399	274	98·9	2,910	2,799	39	72	98·6	39,896	39,112	438	346	98·9
Vizagapatam *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizianagram	1	...	...	248	54	54	...	...	100·0	...	...	...	...	...	54	54	...	...	100·0
Gunupur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jeypore †	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nilgiris	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total				7,462	294,502	286,773	4,320	3,409	98·5	23,310	20,127	1,732	1,451	92·1	322,477	311,427	6,150	4,900	98·1

* No itinerating calf depôt was maintained. Glycerine paste only was used.

† No itinerating calf depôt was maintained. Preserved animal lymph was used.

A slight improvement is reported in the percentage of success.

20. The next two tables show the results obtained with animal lymph stored in glass tubes or plates and similar lymph preserved with glycerine.

Circles.	Primary Vaccination.					Re-vaccination.					Total.				
	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.
Anantapur ...	9,862	9,358	476	28	95·2	347	312	25	10	92·6	10,209	9,670	501	38	95·1
Penukonda ...	8,271	7,596	422	253	94·7	200	153	34	13	81·8	8,471	7,749	456	266	94·4
Bellary ...	6,008	5,563	285	160	95·1	80	37	9	34	80·4	6,088	5,600	294	194	95·0
Harpanahalli ...	1,653	1,556	70	27	95·7	...	...	...	...	...	1,653	1,556	70	27	95·7
Chingleput ...	42	34	5	3	87·2	...	...	...	...	...	42	34	5	3	87·2
Saidapet ...	...	...	...	...	...	...	...	...	...	...	12,693	12,027	453	213	96·4
North Coimbatore...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Coimbatore...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	6,139	5,693	321	125	94·7	471	332	111	28	74·9	6,610	6,025	432	153	93·3
Madanapalle ...	5,618	5,491	123	4	97·8	31	12	15	4	44·7	5,649	5,503	138	8	97·6
Siddhavattam ...	9,320	9,064	176	80	98·1	931	846	53	32	94·1	10,251	9,910	229	112	97·7
Chatrapur	4,709	2,391	2,287	31	51·1	99	89	10	...	89·9	4,808	2,480	2,297	31	51·9
Chicacole ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ganjám Hill tracts.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ellore	1,441	1,396	31	14	97·8	15	12	2	1	85·7	1,456	1,408	33	15	97·7
Pithápuram ...	2,645	2,479	96	70	96·3	7	7	...	...	100·0	2,652	2,486	96	70	96·3
Rajahmundry ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Guntúr ...	5,086	4,807	220	59	95·6	35	31	...	4	100·0	5,121	4,838	220	63	95·7
Masulipatam ...	6,342	5,932	356	54	94·3	118	109	7	2	93·9	6,460	6,041	363	56	94·3
Vinukonda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cumbum	877	858	8	11	99·1	122	117	5	...	95·9	999	975	13	11	98·7
Kurnool	210	186	15	9	92·5	8	6	1	1	85·7	218	192	16	10	92·3
Madras	344	339	2	3	99·4	...	...	...	...	...	344	339	2	3	99·4
Dindigul	2,671	2,554	71	46	97·3	110	79	18	13	81·4	2,781	2,633	89	59	96·7
Madura	2,766	2,663	61	42	97·7	218	196	15	7	92·9	2,984	2,859	76	49	97·4
Paramagudi ...	13,368	13,171	127	70	99·0	681	598	64	19	90·3	14,049	13,769	191	89	98·6
Tellicherry ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calicut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palghat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kávali	1,852	1,675	97	80	94·6	28	17	5	6	77·3	1,880	1,692	102	86	94·3
Nellore	724	678	34	12	95·2	3	3	...	...	100·0	727	681	34	12	95·2
Ongole	743	600	135	8	81·6	3	1	2	...	33·3	746	601	137	8	81·4
Chittoor	8,079	7,941	113	25	98·6	265	248	16	1	93·9	8,344	8,189	129	26	98·4
Vellore	7,534	7,047	309	178	95·8	220	181	20	19	90·0	7,754	7,228	329	197	95·6
Karvetnagar ...	6,201	6,115	76	10	98·8	281	266	15	...	94·7	6,482	6,381	91	10	98·6
Salem	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Krishnagiri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Námakkal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore	1,284	1,241	16	27	98·7	8	8	...	...	100·0	1,292	1,249	16	27	99·0
Vriddhachalam ...	246	243	...	3	100·0	...	...	...	...	...	246	243	...	3	100·0
No. I, S. Canara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
No. II, S. Canara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negapatam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sáttúr	102	92	2	8	97·9	10	9	1	...	90·0	112	101	3	8	97·1
Sérmádévi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizianagram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gunupur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jeypore	4,068	3,497	524	47	87·0	19	8	11	...	42·1	4,087	3,505	535	47	86·8
Nilgiris	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	118,205	110,260	6,458	1,487	94·5	4,310	3,677	439	194	89·3	135,208	125,964	7,350	1,894	94·5

Circles.	Primary Vaccination.					Re-vaccination.					Total.				
	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.
Anantapur	33	28	4	1	87·5	1	1	...	...	100·0	34	29	4	1	87·9
Penukonda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Harpanahalli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput	16,176	14,830	897	449	94·3	1,103	877	192	34	82·0	17,279	15,707	1,089	483	93·5
Saidapet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Coimbatore	15,258	12,821	2,120	317	85·8	207	130	55	22	70·3	15,465	12,951	2,175	339	85·6
South Coimbatore	22,742	17,325	4,943	474	77·8	882	508	275	99	64·9	23,624	17,833	5,218	573	77·4
East Coimbatore	27,596	21,473	5,537	586	79·5	1,038	603	362	73	62·5	28,634	22,076	5,899	659	78·9
Cuddapah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madanapalle	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Siddhavattam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chatrapur	8,773	6,505	2,151	117	75·1	67	54	13	...	80·6	8,840	6,559	2,164	117	75·2
Chicacole	8,883	8,274	588	21	93·4	603	541	62	...	89·7	9,486	8,815	650	21	93·1
Ganjám Hill tracts	25	...	25	...	...	...	...	...	...	...	25	...	25	...	...
Ellore	8,718	8,342	317	59	96·3	181	157	23	1	87·2	8,899	8,499	340	60	96·2
Pithápuram	12,611	12,111	354	146	97·2	149	111	30	8	78·7	12,760	12,222	384	154	97·0
Rajahmundry	7,145	6,337	541	267	92·1	326	278	25	23	91·7	7,471	6,615	566	290	92·1
Guntúr	16,307	15,262	826	219	94·9	82	66	15	1	81·5	16,389	15,328	841	220	94·8
Masulipatam	18,466	17,280	1,106	80	94·0	820	769	51	...	93·8	19,286	18,049	1,157	80	94·0
Vinukonda	13,928	12,598	1,043	287	92·4	1,374	1,233	62	79	95·2	15,302	13,831	1,105	366	92·6
Cumbum	4,827	3,940	771	110	83·7	389	354	20	15	94·7	5,210	4,294	791	125	84·4
Kurnool	6,442	4,409	1,714	319	72·0	630	384	208	38	64·9	7,072	4,793	1,922	357	71·4
Madras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dindigul	10,592	7,829	2,407	356	76·5	471	235	212	24	52·6	11,063	8,064	2,619	380	75·5
Madura	6,318	4,704	1,485	129	76·0	253	141	94	18	60·0	6,571	4,845	1,579	147	76·6
Paramagudi	9,010	8,857	113	40	98·7	324	282	37	5	88·4	9,331	9,139	150	45	98·4
Tellicherry	18,104	17,474	499	131	97·2	661	393	216	52	64·5	18,765	17,867	715	183	96·1
Calicut	21,880	20,008	1,071	801	94·9	346	182	123	41	59·7	22,226	20,190	1,194	842	94·4
Palghat	17,879	16,542	728	609	95·8	451	222	174	55	56·1	18,330	16,764	902	664	94·9
Kávali	5,331	4,448	761	122	85·4	25	17	5	3	77·3	5,356	4,465	766	125	85·4
Nellore	11,776	11,171	448	157	96·1	142	95	23	24	80·5	11,918	11,266	471	181	96·0
Ongole	8,420	6,243	1,903	274	76·6	54	7	46	1	13·2	8,474	6,250	1,949	275	76·2
Chittoor	18	17	1	...	94·4	...	...	...	...	...	18	17	1	...	94·4
Vellore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karvetnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem	26,446	23,963	1,763	720	93·1	2,614	1,889	408	317	82·2	29,060	25,852	2,171	1,038	92·3
Krishnagiri	17,235	16,667	365	203	97·9	579	546	10	23	98·2	17,814	17,213	375	226	97·9
Námakkal	26,390	23,471	1,801	1,118	92·9	3,314	2,628	339	347	88·6	29,704	26,099	2,140	1,465	92·4
Cuddalore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vriddhachalam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
No. I, South Canara ...	17,889	10,572	6,307	1,010	62·6	845	252	500	93	34·1	18,734	10,824	6,807	1,103	61·4
No. II, South Canara ...	15,322	10,666	3,983	673	72·8	628	210	295	123	41·6	15,950	10,876	4,278	796	71·8
Tanjore	28,504	27,031	761	712	97·3	2,671	1,947	463	261	80·8	31,175	28,978	1,224	973	95·9
Negapatam	23,014	21,256	805	953	96·4	1,209	714	280	215	71·8	24,223	21,970	1,085	1,168	95·3
Tinnevelly	6,724	6,509	111	104	98·3	654	572	49	33	92·1	7,378	7,081	160	137	76·6
Sáttúr	2,810	2,685	67	58	97·6	312	225	20	67	91·8	3,122	2,910	87	125	97·1
Sérmádévi	3,739	3,554	71	114	98·0	409	389	6	14	98·5	4,148	3,943	77	128	98·1
Trichinopoly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam	29,671	28,211	1,140	320	96·1	2,912	2,688	146	78	94·8	32,583	30,899	1,286	398	96·0
Vizianagram	37,211	32,647	4,034	530	89·0	2,695	2,050	586	59	77·8	39,906	34,697	4,620	589	88·2
Jeypore	6,060	5,246	785	29	87·0	82	78	2	2	97·5	6,142	5,324	787	31	87·1
Gunupur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nilgiris	3,867	3,726	58	83	98·5	463	398	51	14	88·6	4,330	4,124	109	97	97·4
Total ...	542,134	475,032	54,404	12,698	89·7	29,966	22,226	5,478	2,262	80·2	572,100	497,258	59,882	14,960	89·3

The percentage of success is in favour of the stored lymph, which yielded 94·5 per cent. against 89·7 per cent. in the case of glycerine in primary cases respectively.

21. The following table shows the results and cost of animal vaccination of all sorts in Local Fund circles ~~Agency tracts~~ and the city of Madras

Circles.	Number vaccinated, including both primary and re-vaccinations.					Total cost, including the pay of vaccinators, &c.	Average cost of each successful case, including the pay of vaccinators, &c.
	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.		
Anantapur	10,537	9,945	539	53	94·9	Rs. A. P. 403 15 0	Rs. A. P. 0 0 8
Penukonda	8,750	8,019	465	266	94·5	2,477 0 2	0 4 11
Bellary	17,600	16,781	446	373	97·4	2,388 11 8	0 2 3
Harpanahalli	8,763	8,582	110	71	98·7	1,696 0 5	0 3 2
Chingleput	24,526	22,273	1,539	714	93·5	2,330 6 3	0 1 8
Saidapet	17,358	16,554	551	253	96·8	1,940 5 7	0 1 10
North Coimbatore	16,949	14,349	2,215	385	86·6	83 3 3	0 0 1
South Coimbatore	23,624	17,833	5,218	573	77·4	1,326 15 9	0 1 3
East Coimbatore	28,634	22,076	5,899	659	78·9	Information not available.	
Cuddapah	13,232	12,304	692	236	94·7	3,910 1 0	0 5 1
Madanapalle	16,184	15,947	227	10	98·6	1,940 11 0	0 1 11
Siddhavattam	10,251	99,10	229	112	97·7	2,999 8 11	0 4 10
Chatrapur	13,648	9,039	4,461	148	67·0	Information not available.	
Chicacole	9,486	8,815	650	21	93·1	3,104 2 10	5 0 8
Ganjám Hill tracts ...	25	...	25	...	...	Information not available.	
Ellore	10,683	10,230	373	80	96·5	1,542 2 4	0 2 5
Pithápuram	17,613	16,533	806	274	95·4	626 13 6	0 0 7
Rajahmundry	7,671	6,788	591	292	92·0	1,770 0 8	0 4 2
Guntúr	22,523	21,169	1,069	285	95·2	508 15 0	0 0 5
Masulipatam	25,796	24,138	1,522	136	94·1	2,803 13 2	0 1 9
Vinukonda	15,302	13,831	1,105	366	92·6	2,234 4 9	0 2 7
Cumbum	9,783	8,774	849	160	92·7	*569 6 8	0 1 0
Kurnool	11,686	8,733	2,283	670	79·3	3,031 7 10	0 5 7
Madras	24,725	23,309	488	928	97·9	10,882 8 10	0 6 0
Dindigul	28,633	24,808	3,119	706	88·8	1,805 7 10	0 1 2
Madura	18,646	16,516	1,766	364	90·3	929 4 10	0 0 11
Paramagudi	32,576	31,942	459	175	98·6	3,799 5 4	0 1 11
Tellicherry	18,990	18,091	716	183	96·2	318 13 4	0 0 3
Calicut	22,226	20,190	1,194	842	94·4	4,190 15 1	0 3 4
Palghat	18,330	16,764	902	664	94·9	123 4 6	0 0 1
Kávali	86,41	7,491	891	259	89·4	291 11 2	0 0 6
Nellore	12,645	11,947	505	193	95·9	Information not available.	
Ongole	9,711	7,285	2,134	292	77·3	1,201 3 1	0 2 8
Chittoor	16,898	16,625	206	67	98·8	2,792 8 10	0 2 8
Vellore	15,573	14,566	740	267	95·2	1,939 5 11	0 1 5
Karvetnagar	13,363	13,169	171	23	98·7	1,061 1 1	0 1 3
Salem	29,080	25,871	2,172	1,037	92·3	343 14 8	0 0 3
Krishnagiri	17,814	17,213	375	226	97·8	1,592 8 10	0 1 6
Námakkal	29,704	26,099	2,140	1,465	92·4	1,834 13 10	0 1 1
Cuddalore	44,537	43,438	575	524	98·7	3,917 3 5	0 1 5
Vriddhachalam	27,363	26,852	253	258	99·1	2,884 11 10	0 1 9
No. I, South Canara ...	18,734	10,824	6,807	1,103	61·4	Information not available.	
No. II, South Canara ...	15,950	10,876	4,278	796	71·8	Do.	
Tanjore	31,175	28,978	1,224	973	95·9	Do.	
Negapatam	24,223	21,970	1,085	1,168	95·3	Do.	
Tinnevelly	32,611	31,554	570	487	98·2	3,148 9 8	0 1 7
Sáttúr	24,787	23,882	432	473	98·2	2,472 10 3	0 1 8
Sérmádévi	25,228	24,051	541	636	97·8	3,029 7 11	0 2 0
Trichinopoly	39,896	39,112	438	346	98·9	3,484 4 1	0 1 5
Vizagapatam	32,583	30,899	1,286	398	96·0	4,325 15 10	0 2 3
Vizianagram	39,960	34,751	4,620	589	88·3	2,873 3 2	0 1 4
Gunupur	6,142	5,324	787	31	87·1	154 4 0	0 0 5
Jeypore	4,087	3,505	535	47	86·8	Information not available.	
Nilgiris	4,330	4,124	109	97	97·4	Do.	
Total ...	1,029,785	934,649	73,382	21,754	92·7	97,085 7 1	0 1 11

* The cost of glycerine paste is included in Kurnool Range.

22. The cost is the same as last year.

Table showing animal vaccination of all kinds by Medical subordinates including primary and re-vaccinations :—

Districts.	Direct from Calf.					Preserved Animal Lymph.					Glycerine Paste.					Total.				
	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.
Anantapur	7	7	...	...	100·0	246	232	14	...	95·4	303	289	14	...	95·4	303	289	14	...	95·4
Bellary	2,056	1,633	411	12	79·9	279	253	21	5	92·5	2,523	2,060	436	27	82·5	2,523	2,060	436	27	82·5
Chingleput	92	90	2	...	37·8	1,562	1,694	140	33	92·2	3,541	3,233	275	33	92·2	3,541	3,233	275	33	92·2
Coimbatore	10	10	...	...	100·0	...	...	...	...	...	2,693	1,703	940	50	64·4	2,693	1,703	940	50	64·4
Cuddapah	454	358	96	...	78·9	66	53	9	4	75·9	584	440	140	4	75·9	584	440	140	4	75·9
Ganjám	306	227	62	17	78·5	...	...	...	...	...	2,162	1,722	351	89	83·1	2,162	1,722	351	89	83·1
Gódávari	405	299	100	6	74·9	334	172	160	2	51·8	3,629	2,442	1,062	125	69·7	3,629	2,442	1,062	125	69·7
Kistna	307	267	25	15	91·4	177	144	33	...	81·4	2,018	1,646	319	53	83·8	2,018	1,646	319	53	83·8
Kurnool	114	101	13	...	88·6	209	164	31	14	84·1	1,872	1,210	563	99	68·2	1,872	1,210	563	99	68·2
Madura	143	121	14	8	89·6	84	75	7	2	91·5	1,309	1,037	211	61	83·1	1,309	1,037	211	61	83·1
Nilgiris	...	...	...	...	...	...	...	...	...	...	14	14	...	...	100·0	14	14	...	...	100·0
Malabar	...	...	...	...	...	...	...	...	...	...	194	178	11	5	94·2	194	178	11	5	94·2
Nellore	1,191	744	434	13	63·2	308	262	44	2	85·6	500	401	99	...	80·2	500	401	99	...	80·2
North Arcot	...	...	...	...	...	...	...	...	...	...	1,532	1,036	481	15	68·3	1,532	1,036	481	15	68·3
Salem	779	573	199	7	74·2	5	2	3	...	40·0	2,409	1,799	497	113	78·4	2,409	1,799	497	113	78·4
South Arcot	501	496	5	...	99·0	...	...	...	...	...	791	575	200	16	74·2	791	575	200	16	74·2
South Canara	...	...	...	...	...	...	...	...	...	...	6	...	65	...	...	3,131	2,630	376	65	87·7
Tanjore	2,291	1,835	331	125	84·8	197	197	...	...	100·0	85·5	85·0	80·6	68·7	86·3	5,618	4,656	822	140	85·0
Tinnevelly	1,085	771	294	20	72·4	2	2	...	...	100·0	85·0	80·6	129	31	86·3	3,296	2,569	513	214	83·4
Trichinopoly	...	...	...	...	...	...	...	...	...	...	80·6	68	537	402	68·7	1,186	841	325	20	72·1
Vizagapatam	...	...	...	...	...	...	...	...	...	...	68·7	99	734	67	86·3	3,003	2,534	402	67	86·3
Total ...	9,741	7,532	1,986	223	79·1	3,343	3,250	469	80	86·4	86·3	2,534	3,003	...	80·1	42,308	33,075	8,037	1,196	80·4

Table showing animal vaccination conducted in municipalities including primary and re-vaccinations :—

Municipalities.	Direct from Calf.					Preserved Animal Lymph.					Glycerine Paste.					Total.				
	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of success.
Ádóni	246	231	13	2	94·7	366	318	23	25	93·3	784	631	139	14	81·9	1,396	1,180	175	41	87·1
Anantapur ...	...	...	...	...	...	51	48	...	3	100·0	415	362	28	25	92·8	466	410	28	28	93·6
Anakápalle ...	1,289	1,197	75	17	92·7	...	...	...	...	...	...	...	...	...	...	1,289	1,197	75	17	94·1
Bellary ...	1,840	1,754	77	9	95·8	1,147	1,050	86	11	92·4	16	14	1	1	93·3	3,003	2,818	164	21	94·5
Berhampur ...	477	435	28	14	94·0	445	215	219	11	49·5	174	137	37	...	78·7	1,096	787	284	25	73·5
Bezwada ...	1,960	1,885	47	28	97·6	...	...	...	...	...	...	...	...	...	...	1,960	1,885	47	28	97·6
Bimlipatam ..	...	...	...	...	...	...	...	...	...	...	763	728	28	7	96·3	763	728	28	7	96·3
Calicut ...	...	...	...	...	...	...	...	...	...	...	7,194	6,925	136	133	98·1	7,194	6,925	136	133	98·1
Cannanore ...	...	...	...	...	...	...	...	...	...	...	1,826	1,654	113	59	93·6	1,826	1,654	113	59	93·6
Chicacole ...	...	...	...	...	...	...	...	...	...	...	1,198	915	280	3	76·6	1,198	915	280	3	76·6
Chidambaram ...	742	725	9	8	98·8	...	...	...	...	...	61	61	...	...	100·0	803	786	9	8	98·9
Cochin ..	...	...	...	...	...	...	...	...	...	...	1,193	1,095	84	14	92·9	1,193	1,095	84	14	92·9
Cocanada ...	2,209	2,155	35	19	98·4	...	...	...	...	...	34	34	...	...	100·0	2,243	2,189	35	19	98·4
Coimbatore ...	1,807	1,782	20	5	98·9	...	...	...	...	...	...	...	...	...	...	1,807	1,782	20	5	98·9
Conjeeveram ...	354	324	28	2	92·0	...	...	...	...	...	1,392	1,267	118	7	98·6	1,746	1,591	146	9	91·6
Coonoor ...	...	...	...	...	...	...	...	...	...	...	682	661	9	12	98·7	682	661	9	12	98·7
Cuddalore ...	2,067	1,999	6	62	99·7	...	...	...	...	...	...	...	...	...	...	2,067	1,999	6	62	99·7
Cuddapah ...	423	391	32	...	92·4	...	...	...	...	...	85	75	6	4	92·6	508	466	38	4	92·5
Dindigul ...	969	950	12	7	98·8	...	...	...	...	...	...	...	...	...	...	969	950	12	7	98·8
Ellore	...	...	...	...	...	...	...	...	...	...	1,403	1,383	18	2	98·7	1,403	1,383	18	2	98·7
Erode	...	...	...	...	...	...	...	...	...	...	640	579	59	2	90·8	640	579	59	2	90·8
Gudiyáttam ...	...	...	...	...	...	...	...	...	...	...	705	683	6	16	99·1	705	683	6	16	99·1
Guntúr ...	757	749	5	3	99·3	56	51	2	3	96·2	365	355	7	3	98·1	1,178	1,155	14	9	98·8
Karúr ...	308	293	10	5	96·7	...	...	...	...	...	535	448	86	1	83·9	843	741	96	6	88·5
Kumbakónam ...	1,721	1,658	62	1	96·4	...	...	...	...	...	...	...	...	...	...	1,721	1,658	62	1	96·4
Kurnool ...	1,030	741	75	214	90·8	...	...	...	...	...	284	124	40	120	75·6	1,314	865	115	334	88·2
Madras ...	24,381	22,970	486	925	97·9	344	339	2	3	99·4	...	...	...	...	...	24,725	23,309	488	928	97·9
Madura ...	2,511	2,368	73	70	97·1	2	2	...	...	100·0	2,229	2,148	55	26	97·5	4,742	4,518	128	96	97·2
Mannárgudi ...	555	540	11	4	98·0	...	...	...	...	...	261	237	19	5	92·2	816	777	30	9	96·3
Mangalore ...	501	496	5	...	99·0	...	...	...	...	...	1,804	1,728	76	...	95·8	2,305	2,224	81	...	96·5
Masulipatam ...	2,808	2,703	105	...	96·3	...	...	...	...	...	...	...	...	...	...	2,808	2,703	105	...	96·3
Máyavaram ...	775	769	6	...	99·2	30	30	...	...	100·0	77	77	...	...	100·0	882	876	...	...	99·3
Negapatam ...	3,944	3,721	65	158	98·3	11	11	...	...	100·0	36	20	13	3	60·6	3,991	3,752	78	161	98·0
Nellore ...	...	...	...	...	...	...	...	...	...	...	951	942	9	...	99·1	951	942	9	...	99·1
Ongole ...	...	...	...	...	...	...	...	...	...	...	411	321	77	13	80·7	411	321	77	13	80·7
Ootacamund ...	7	5	2	...	71·4	...	...	...	...	...	1,205	1,182	21	2	98·3	1,212	1,187	23	2	98·1
Palamcottah ...	916	863	34	19	96·2	...	...	...	...	...	78	71	7	...	91·0	994	934	41	19	95·8
Palghat ...	...	...	...	...	...	...	...	...	...	...	3,643	3,314	300	29	91·7	3,643	3,314	300	29	91·7
Parlákimedi ...	...	...	...	...	...	...	...	...	...	...	974	895	79	...	91·9	974	895	79	...	91·9
Periyakulam ...	839	801	33	5	96·0	61	55	6	...	90·2	...	...	...	...	...	900	856	39	5	95·6
Palni ...	...	...	...	...	...	...	...	...	...	...	741	484	223	34	68·5	741	484	223	34	68·5
Rajahmundry ...	1,885	1,786	93	6	95·0	...	...	...	...	...	...	...	...	...	...	1,885	1,786	93	6	95·0
Salem	51	49	...	2	100·0	...	...	...	...	...	3,096	3,077	6	13	99·8	3,147	3,126	6	15	99·8
Srírangam ...	477	465	6	6	98·7	45	31	11	3	73·8	...	...	...	...	...	522	496	17	9	96·7
Tanjore ...	958	928	27	3	97·2	1	1	...	...	100·0	935	902	22	11	97·6	1,894	1,831	49	14	97·4
Tellicherry ...	...	...	...	...	...	...	...	...	...	...	1,473	1,279	125	69	91·1	1,473	1,279	125	69	91·1
Tinnevelly ...	1,826	1,712	67	47	96·2	...	...	...	...	...	...	...	...	...	...	1,826	1,712	67	47	96·2
Trichinopoly ...	6,002	5,756	181	65	97·0	130	115	12	3	90·6	...	...	...	...	...	6,132	5,871	193	68	96·8
Tiruppattúr ...	...	...	...	...	...	...	...	...	...	...	746	737	9	...	98·8	746	737	9	...	98·8
Tirupati ..	496	461	20	15	95·8	...	...	...	...	...	...	...	...	...	...	496	461	20	15	98·8
Tuticorin ...	1,401	1,331	70	...	95·0	...	...	...	...	...	...	...	...	...	...	1,401	1,331	20	5	98·8
Vániyambádi ...	...	...	...	...	...	...	...	...	...	...	891	876	14	1	98·4	891	876	14	1	98·4
Vellore ...	2,514	2,397	112	5	95·5	...	...	...	...	...	...	...	...	...	...	2,514	2,397	112	5	98·4
Vizagapatam ...	72	69	3	...	95·8	1,503	1,395	97	11	93·5	...	...	...	...	...	1,575	1,464	100	11	93·6
Vizianagram ...	...	...	...	...	...	...	...	...	...	...	1,642	1,578	57	7	96·5	1,642	1,578	57	7	96·5
Walajapet ...	...	...	...	...	...	...	...	...	...	...	530	459	66	5	87·4	530	459	66	5	87·4
Total ...	71,118	67,459	1,933	1,726	97·2	4,192	3,661	458	73	88·9	41,472	38,458	2,373	641	94·2	116,782	109,578	4,764	2,440	95·8

The percentage of success is almost the same as last year.

23. Human lymph has been used in the following districts to the extent shown after each:—Ganjám (7,171), Gódavári (18,200), Nellore (1,623) and Vizagapatam (2,714).

24. During the year 7,369 deaths from small-pox have been registered, or 13,210 less than last year.

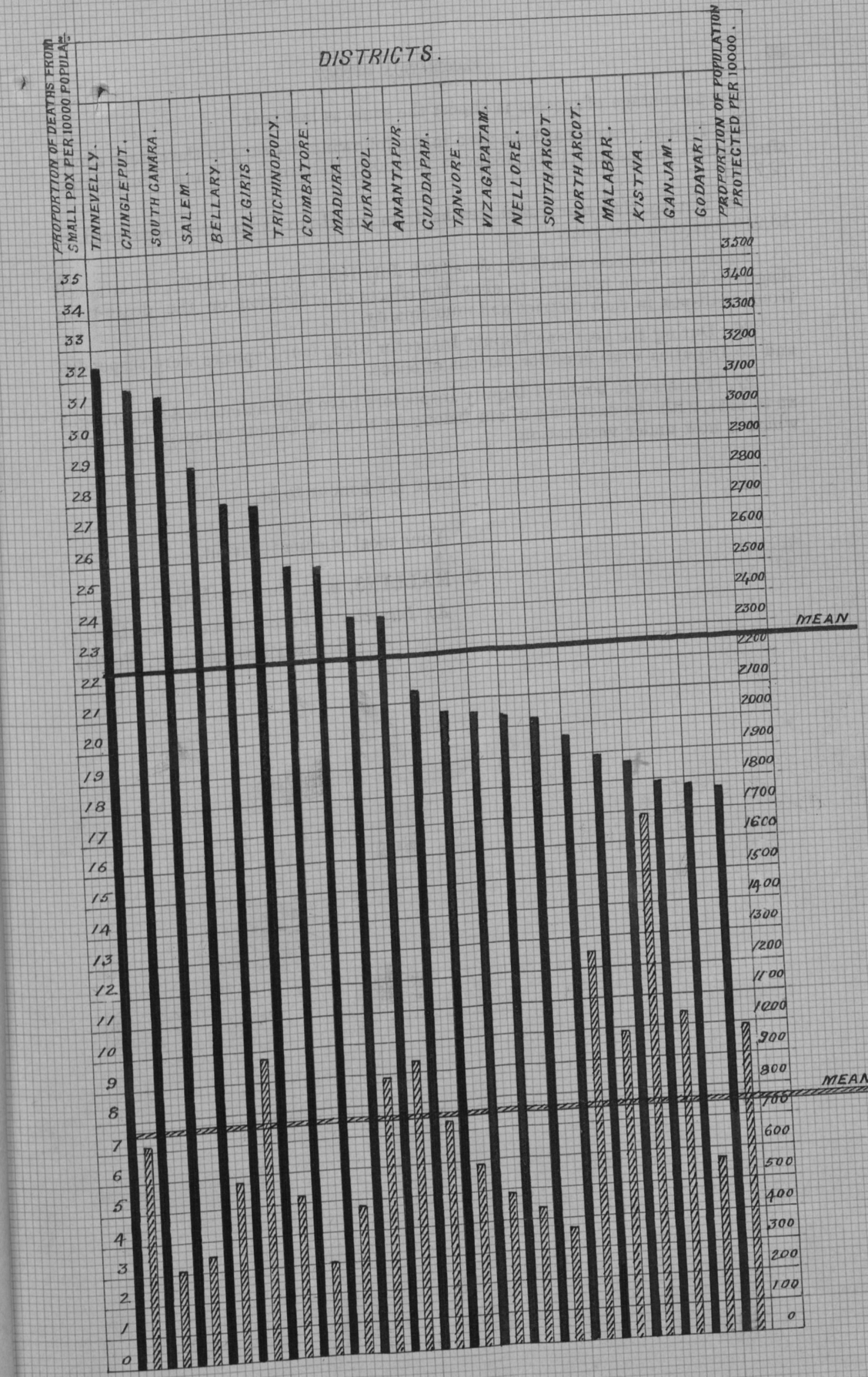
25. In accordance with G.O., dated 6th July 1893, No. 523, Public, the attached diagrams have been prepared to show the effects of protection on the death-rates from small-pox in each district and municipality.

26. During the year one Deputy Inspector died, four Deputies were suspended and 15 Deputies were fined for various offences.

27. The service books of Deputy Inspectors have been maintained and brought up to date, with the exception of one belonging to a new Deputy recently appointed, which is now under verification.

I have the honour to be,
Sir,
Your most obedient servant,

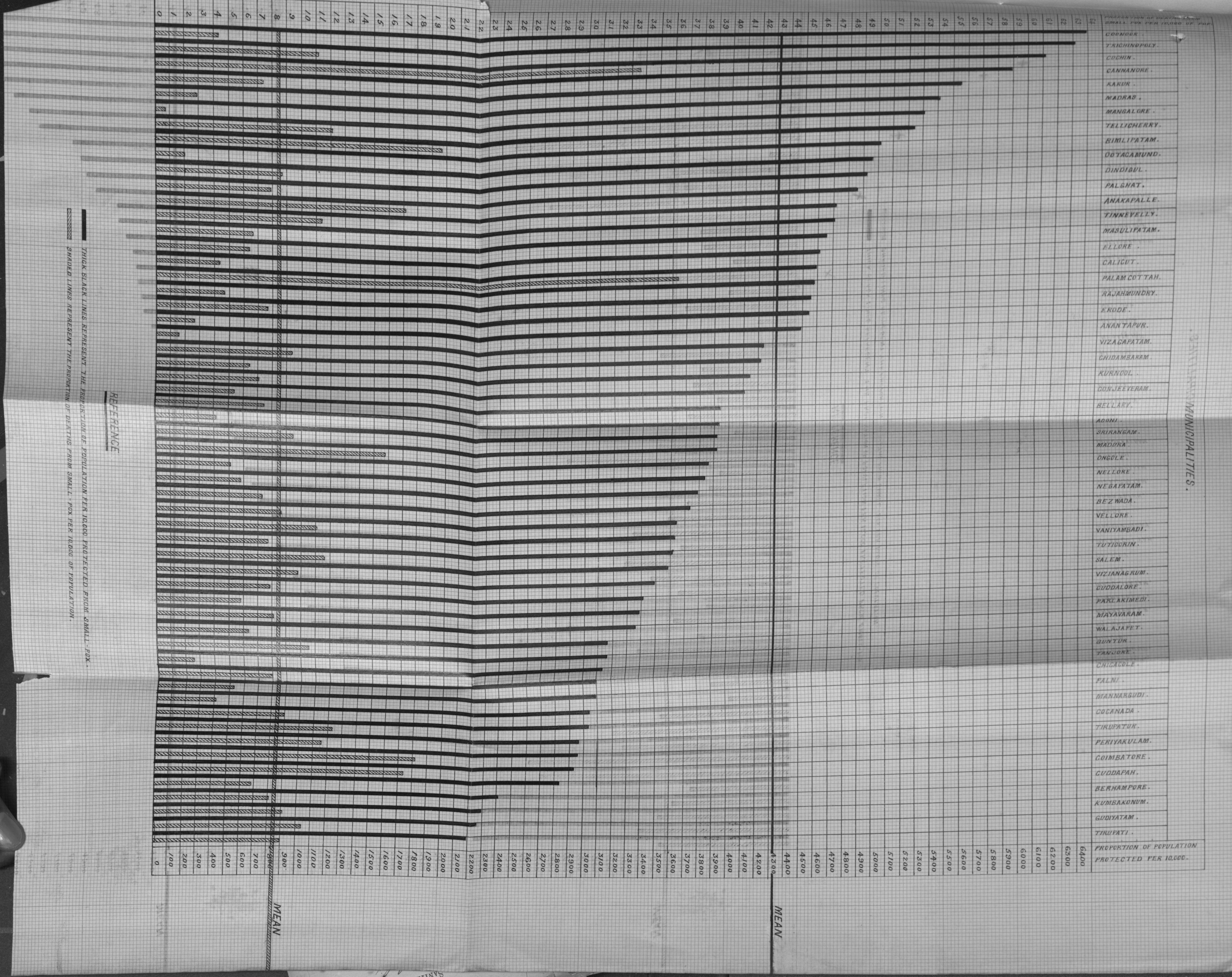
C. MALLINS, M.D., Surgeon-Major,
Ag. Inspector of Vaccination and Deputy Sanitary Commissioner, Madras.



REFERENCE

THICK BLACK LINES REPRESENT THE PROPORTION OF POPULATION PER 10,000 PROTECTED FROM SMALL-POX

SHADED LINES REPRESENT THE PROPORTION OF DEATHS FROM SMALL-POX PER 10,000 OF POPULATION.


MUNICIPALITIES.
PROPORTION OF DEATHS FROM SMALL-POX PER 10,000 OF POP.
PROPORTION OF POPULATION PROTECTED PER 10,000.
COONOOR.
TRICHINOPOLY.
COCHIN.
CANNANORE.
KARUR.
MADRAS.
MANGALORE.
TELLICHERRY.
BIMLIPATAM.
OOTACAMUND.
DINDIGUL.
PALGHAT.
ANAKAPALLE.
TINNEVELLY.
MASULIPATAM.
ELLORE.
CALICUT.
PALAMCOTTAH.
RAJAHMUNDRY.
ERODE.
ANANTAPUR.
VIZAGAPATAM.
CHIDAMBARAM.
KURNOOL.
CONJEEVERAM.
BELLARY.
ADONI.
SRIRANGAM.
MADURA.
ONGOLE.
NELLORE.
NEGAPATAM.
BEZWADA.
VELLORE.
VANIYAMBADI.
TUTICORIN.
SALEM.
VIZIANAGRUM.
CUDDALORE.
PARLAKIMEDI.
MAYAVARAM.
WALAJAPET.
GUNTUR.
TANJORE.
CHICACOLE.
PALNI.
MANNARGUDI.
COCANADA.
TIRUPATUR.
PERIYAKULAM.
COIMBATORE.
CUDDAPAH.
BERHAMPORE.
KUMBAKONUM.
GUDIYATAM.
TIRUPATI.
MEAN
MEAN
REFERENCE
THICK BLACK LINES REPRESENT THE PROPORTION OF POPULATION PER 10,000 PROTECTED FROM SMALL-POX.
SHADED LINES REPRESENT THE PROPORTION OF DEATHS FROM SMALL-POX PER 10,000 OF POPULATION.

APPENDIX.

VACCINATION RETURNS.

A—VACCINE DEPARTMENT.

STATEMENT No. I *showing the Particulars of Vaccination in the Madras Presidency during the official year* 1894–95.

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1891.	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 vaccination.		Re-vaccination.			Percentage of successful cases.		Persons successfully vaccinated per 1,000 of population.			Average number of persons successfully vaccinated during previous 5 years.		Average annual number of deaths from small-pox during previous 5 years.	
										Total.	Under 1 year.	Total.	Successful.	Unsuccessful.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	Total.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
1	2	3	4	5	6	7			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
						Males.	Females.	Total.				Successful.																
												Over 1 and under 6 years.	Total of all ages.															
1	Anantapur.	Anantapur circle ...	701,555	138	10	5,628	4,909	10,537	1,054	10,159	3,207	5,807	9,608	508	43	378	337	31	10	95·0	91·6	24·9	0·7	25·7	...	...	...	...
2		Penukonda do. ...			7	4,579	4,171	8,750	1,250	8,538	2,670	4,837	7,861	424	253	212	158	41	13	94·9	79·4							
		Total of district ...	701,555	138	17	10,207	9,080	19,287	1,135	18,697	5,877	10,644	17,469	932	296	590	495	72	23	94·9	87·3	24·9	0·7	25·7	15,019	21·4	493	0·7
3	Bellary.	Bellary circle	533,839	143	15	9,106	8,494	17,600	1,173	17,222	7,848	8,385	16,470	430	322	378	311	16	51	97·5	95·1	30·9	0·6	31·4	...	...	...	...
4		Harpanahalli circle ...	280,577	140	9	4,435	4,328	8,763	974	8,654	3,554	4,555	8,486	106	62	109	96	4	9	98·8	96·0	30·2	0·3	30·6	...	...	...	...
		Total of district ...	814,416	142	24	13,541	12,822	26,363	1,100	25,876	11,402	12,940	24,956	536	384	487	407	20	60	97·9	95·3	30·6	0·5	31·1	22,982	28·2	934	1·1
5	Chingleput.	Chingleput circle ...	576,551	340	14	12,467	12,059	24,526	1,752	23,163	11,407	7,225	21,199	1,304	660	1,363	1,074	235	54	94·2	82·0	36·8	1·9	38·6	...	...	...	...
6		Saidapet do. ...	517,829	433	11	9,235	8,123	17,358	1,578	15,602	7,650	6,445	14,983	398	221	1,756	1,571	153	32	97·4	91·1	28·9	3·0	32·0	...	...	...	...
		Total of district ...	1,094,380	385	25	21,702	20,182	41,884	1,675	38,765	19,057	13,670	36,182	1,702	881	3,119	2,645	388	86	95·5	87·2	33·1	2·4	35·5	38,494	35·2	461	0·4
7	Coimbatore.	North Coimbatore circle	533,449	176	11	8,589	8,360	16,949	1,541	16,721	8,548	5,296	14,201	2,157	363	228	148	58	22	86·8	71·8	26·6	0·3	26·9	...	...	...	...
8		South do. do.	597,115	293	9	12,024	11,600	23,624	2,625	22,742	7,503	9,339	17,325	4,943	474	882	508	275	99	77·8	64·9	29·0	0·9	29·9	...	...	...	...
9		East do. do.	804,812	293	18	14,678	13,956	28,634	1,590	27,596	10,547	9,957	21,473	5,537	586	1,088	603	362	73	79·4	62·5	26·7	0·7	27·4	...	...	...	...
		Total of district ...	1,935,376	247	38	35,291	33,916	69,207	1,821	67,059	26,598	24,592	52,999	12,637	1,423	2,148	1,259	695	194	80·7	64·4	27·4	0·7	28·0	49,914	25·8	1,287	0·7
10	Cuddapah.	Cuddapah circle	443,076	174	12	7,706	5,526	13,232	1,103	12,445	2,348	6,659	11,724	535	186	787	580	157	50	95·6	78·7	26·5	1·3	27·8	...	...	...	...
11		Sidhout do. ...	309,071	118	9	5,864	4,387	10,251	1,139	9,320	3,235	4,265	9,064	176	80	931	846	53	32	98·1	94·1	29·3	2·7	32·1	...	...	...	...
12		Madanapalle do. ...	502,546	140	14	8,105	8,079	16,184	1,156	16,053	3,202	8,987	15,855	194	4	131	92	33	6	98·8	73·6	31·5	0·2	31·7	...	...	...	...
		Total of district ...	1,254,693	143	35	21,675	17,992	39,667	1,133	37,818	8,785	19,911	36,643	905	270	1,849	1,518	243	88	97·6	86·2	29·2	1·2	30·4	32,611	26·0	964	0·8
13	Ganjám.	Chatrapur circle	1,836,519	219	17	7,598	6,050	13,648	803	13,482	539	6,678	8,896	4,438	148	166	143	23	...	66·7	86·1	4·8	0·1	4·9	...	...	...	...
14		Chicacole do. ...			13	4,944	4,542	9,486	729	8,883	1,242	5,731	8,274	588	21	603	541	62	...	93·4	89·7	4·5	0·3	4·8	...	...	...	...
15		Ganjám hill tracts ...			6	3,736	3,460	7,196	1,199	7,156	902	3,153	6,545	388	223	40	39	1	...	94·4	97·9	3·6	...	3·6	...	...	...	...
		Total of district ...	1,836,519	219	36	16,278	14,052	30,330	842	29,521	2,683	15,562	23,715	5,414	392	809	723	86	...	81·4	89·4	12·9	0·4	13·3	33,360	18·2	1,166	0·6
16	Gódávari.	Ellore circle ...	647,190	256	19	12,020	9,829	21,849	1,150	21,552	2,627	11,876	20,653	568	331	297	244	39	14	97·3	86·2	31·9	0·4	32·3	...	...	...	...
17		Pithápuram circle ...	383,467	307	18	10,923	10,090	21,013	1,167	20,843	2,403	13,194	19,686	861	296	170	132	30	8	95·8	81·5	51·3	0·3	51·7	...	...	...	...
18		Rajahmundry do. ...			12	3,738	3,431	7,169	597	6,874	1,035	4,357	6,371	366	137	295	251	23	21	94·6	91·6	10·4	0·2	10·7	...	...	...	...
		Government vaccinators. ...	949,793	349	6	2,286	1,850	4,136	689	4,101	740	2,037	3,547	370	184	35	31	2	2	90·6	93·9							
		Total of district ...	1,980,450	345	55	28,967	25,200	54,167	985	53,370	6,805	31,464	50,257	2,165	948	797	658	94	45	95·9	87·5	25·4	0·3	25·7	40,795	20·6	2,712	1·4
19	Kistna.	Guntúr circle ...	686,772	272	13	11,345	11,178	22,523	1,733	22,406	5,035	13,165	21,072	1,054	280	117	97	15	5	95·2	86·6	30·7	0·2	30·8	...	...	...	...
20		Masulipatam circle ...	705,068	201	17	13,405	12,391	25,796	1,517	24,854	3,018	13,676	23,256	1,464	134	942	882	58	2	94·1	93·8	33·0	1·3	34·2	...	...	...	...
21		Vinukonda do. ...	380,833	156	11	8,121	7,181	15,302	1,391	13,928	4,670	7,060	12,598	1,043	287	1,374	1,233	62	79	92·4	95·2	33·1	3·2	36·3	...	...	...	...
		Total of district ...	1,772,673	209	41	32,871	30,750	63,621	1,552	61,188	12,723	33,901	56,926	3,561	701	2,433	2,212	135	86	94·1	94·3	32·1	1·3	33·4	41,179	23·2	3,341	1·9
22	Kurnool.	Cumbum circle ...	404,781	99	8	5,969	3,814	9,783	1,221	8,561	1,126	4,664	7,592	824	145	1,222	1,182	25	15	90·2	97·9	18·8	2·9	21·7	...	...	...	...
23		Kurnool do. ...	424,150	123	8	7,283	4,403	11,686	1,461	10,059	2,109	4,192	7,535	1,955	569	1,627	1,198	328	101	79·4	78·5	17·8	2·8	20·6	...	...	...	...
		Total of district ...	828,931	112	16	13,252	8,217	21,469	1,342	18,620	3,235	8,856	15,127	2,779	714	2,849	2,380	353	116	84·5	87·1	18·2	2·9	21·1	24,987	30·1	830	1·0
24	Madura.	Dindigul circle	814,267	259	14	14,799	13,834	28,633	2,045	26,775	11,644	10,450	23,465	2,717	593	1,858	1,343	402	113	89·6	76·9	28·8	1·6	30·5	...	...	...	...
25		Madura do. ...	587,044	370	10	9,869	8,777	18,646	1,865	17,556	6,412	8,233	15,638	1,635	283	1,090	878	131	30	90·5	87·0	26·6	1·5	28·1	...	...	...	...
26		Paramagudi do. ...	1,066,159	290	18	16,780	15,796	32,576	1,810	31,246	10,211	16,812	30,779	322	145	1,330	1,163	137	30	99·0	89·5	28·9	1·1	30·0	...	...	...	...
		Total of district ...	2,467,470	294	42	41,448	38,407	79,855	1,901	75,577	28,267	35,495	69,882	4,674	1,021	4,278	3,384	670	224	93·7	83·5	28·3	1·4	29·7	66,597	27·0	1,528	1·1

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

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 1891.	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 vaccination.	
										Total.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
						Males.	Females.	Total.			
27	Malabar.	Tellicherry circle			15	13,041	5,949	18,990	1,266	18,324	212
28		Calicut do.	2,464,154	429	18	15,027	7,199	22,226	1,235	21,880	280
29		Palghat do.			13	11,278	7,052	18,330	1,410	17,879	627
		Total of district ...	2,464,154	429	46	39,346	20,200	59,546	1,294	58,083	1,119
30	Nellore.	Kávali circle			9	4,608	4,569	9,177	1,020	9,084	1,673
31		Nellore do.	1,423,540	164	12	6,742	6,723	13,465	1,122	13,312	3,548
32		Ongole do.			9	5,083	4,895	9,978	1,109	9,922	1,431
		Total of district ...	1,423,540	164	30	16,433	16,187	32,620	1,087	32,318	6,652
33	Nilgiris.	Nilgiri circle	78,695	85	3	2,568	1,762	4,330	1,443	3,867	582
		Total of district ...	78,695	85	3	2,568	1,762	4,330	1,443	3,867	582
34	North Arcot.	Chittoor circle ...			15	8,543	8,355	16,898	1,126	16,327	5,422
35		Vellore do. ...	2,092,088	293	12	8,219	7,354	15,573	1,298	14,368	4,489
36		Karvetnagar do. ...			9	6,688	6,675	13,363	1,484	12,772	3,616
		Total of district ...	2,092,088	293	36	23,450	22,384	45,834	1,273	43,467	13,527
37	Salem.	Krishnagiri circle ...	464,385	178	12	8,946	8,868	17,814	1,484	17,235	7,854
38		Salem do. ...	666,224	233	17	14,380	14,700	29,080	1,615	26,466	8,181
39		Námakkal do. ...	731,935	345	17	15,081	14,623	29,704	1,747	26,390	7,453
		Total of district ...	1,862,544	249	46	38,407	38,191	76,598	1,665	70,091	23,488
40	South Arcot.	Cuddalore circle ...	1,370,247	415	21	22,447	22,090	44,537	2,121	43,486	13,613
41		Vriddhachalam circle ...	726,609	464	16	13,975	13,388	27,363	1,710	27,018	9,216
		Total of district ...	2,096,856	431	37	36,422	35,478	71,900	1,943	70,504	22,829
42	South Canara.	No. I. South Canara circle	611,971	320	14	9,715	9,019	18,734	1,338	17,889	978
43		No. II. do. do.	399,466	201	10	8,539	7,411	15,950	1,595	15,322	845
		Total of district ...	1,011,437	260	24	18,254	16,430	34,684	1,445	33,211	1,823
44	Tanjore.	Negapatam circle ...	898,215	612	16	12,497	11,726	24,223	1,514	23,014	2,336
45		Tanjore do. ...	1,117,821	516	21	16,189	14,986	31,175	1,485	28,504	3,987
		Total of district ...	2,016,036	555	37	28,686	26,712	55,398	1,497	51,518	6,323
46	Tinnevelly.	Sáttúr circle ...	588,645	322	11	13,489	11,298	24,787	2,253	22,554	4,906
47		Sérmádévi circle ...	512,974	322	10	13,745	11,483	25,228	2,523	22,013	5,041
48		Tinnevelly do. ...	745,915	383	16	17,611	15,000	32,611	2,038	29,708	6,196
		Total of district ...	1,847,534	343	37	44,845	37,781	82,626	2,233	74,275	16,143
49	Trichinopoly.	Trichinopoly circle ...	1,260,476	355	15	19,816	20,080	39,896	2,660	36,986	5,501
		Total of district ...	1,260,476	355	15	19,816	20,080	39,896	2,660	36,986	5,501

DEPARTMENT.

Madras Presidency during the official year 1894–95—continued.

Primary vaccination.				Re-vaccination.				Percentage of successful cases.		Persons successfully vaccinated per 1,000 of population.			Average number of persons successfully vaccinated during previous 5 years.		Average annual number of deaths from small-pox during previous 5 years.	
Successful.																
Over 1 and under 6 years.	Total of all ages.	Unsuccessful.	Unknown.	Total.	Successful.	Unsuccessful.	Unknown.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	Total.	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	26	27
7,222	17,693	500	131	666	398	216	52	97·3	64·8				...	...	...	...
6,735	20,008	1,071	801	346	182	123	41	94·9	59·7	22·0	0·3	22·3	...	...	...	...
6,543	16,542	728	609	451	222	174	55	95·8	56·1				...	...	...	...
20,500	54,243	2,299	1,541	1,463	802	513	148	95·9	61·0	22·0	0·3	22·3	48,498	19·7	5,788	2·3
5,136	7,942	884	258	93	61	22	10	90·0	73·5				...	...	...	...
6,767	12,615	522	175	153	101	28	24	96·0	78·3	19·7	0·1	19·8	...	...	...	...
5,418	7,507	2,124	291	56	8	47	1	77·9	14·5				...	...	...	...
17,321	28,064	3,530	724	302	170	97	35	88·8	63·7	19·7	0·1	19·8	32,111	22·6	499	0·3
1,709	3,726	58	83	463	398	51	14	98·4	88·6	47·3	5·1	52·4	...	...	...	...
1,709	3,726	58	83	463	398	51	14	98·4	88·6	47·3	5·1	52·4	2,194	27·9	45	0·6
9,366	16,084	180	63	571	541	26	4	98·9	95·4				...	...	...	...
8,410	13,666	473	229	1,205	900	267	38	96·7	77·1	20·2	1·0	21·2	...	...	...	...
7,762	12,603	147	22	591	566	24	1	98·8	95·9				...	...	...	...
25,538	42,353	800	314	2,367	2,007	317	43	98·1	86·4	20·2	1·0	21·2	45,652	21·8	2,224	1·0
7,560	16,667	365	203	579	546	10	23	98·8	98·2	35·9	1·2	37·1	...	...	...	...
13,865	23,982	1,764	720	2,614	1,889	408	317	93·1	82·2	36·0	2·8	38·8	...	...	...	...
12,161	23,471	1,801	1,118	3,314	2,628	339	347	92·9	88·5	32·1	3·6	35·7	...	...	...	...
33,586	64,120	3,930	2,041	6,507	5,063	757	687	94·2	87·0	34·4	2·7	37·1	58,389	31·3	1,290	0·7
24,042	42,561	47:	453	1,051	877	103	71	98·9	89·5	31·1	0·6	31·7	...	...	...	...
14,770	26,543	23:	242	345	309	20	16	99·1	93·9	36·5	0·4	37·0	...	...	...	...
38,812	69,104	70:	695	1,396	1,186	123	87	99·0	90·6	33·0	0·6	33·5	48,131	23·0	4,023	1·9
5,254	10,572	6,31:	998	845	252	488	105	62·6	34·1	17·3	0·4	17·7	...	...	...	...
5,214	10,666	3,98:	673	628	210	295	123	72·8	41·6	26·7	0·5	27·2	...	...	...	...
10,468	21,238	10,302	1,671	1,473	462	783	228	67·3	37·1	21·0	0·5	21·6	328,70	32·5	242	0·2
15,556	21,256	805	953	1,209	714	280	215	96·4	71·8	23·7	0·8	24·5	...	...	...	...
17,611	27,031	761	712	2,671	1,947	463	261	97·3	80·8	24·2	1·7	25·9	...	...	...	...
33,167	48,287	1,566	1,665	3,880	2,661	743	476	96·9	78·2	24·0	1·3	25·3	40,607	20·1	1,195	0·6
12,676	21,959	291	304	2,233	1,923	141	169	98·7	93·2	37·3	3·3	40·6	...	...	...	...
11,047	21,071	442	500	3,215	2,980	99	136	98·0	96·8	41·1	5·8	46·9	...	...	...	...
16,884	29,013	342	353	2,903	2,541	228	134	98·8	91·7	38·9	3·4	42·3	...	...	...	...
40,607	72,043	1,075	1,157	8,351	7,444	468	439	98·5	94·1	39·0	4·0	43·0	67,045	36·3	1,517	0·8
24,154	36,313	399	274	2,910	2,799	39	72	98·9	98·6	28·8	2·1	31·0	...	...	...	...
24,154	36,313	399	274	2,910	2,799	39	72	98·9	98·6	28·8	2·1	31·0	39,538	31·4	399	0·3

A—VACCINE DEPARTMENT.

STATEMENT No. I *showing the Particulars of Vaccination in the Madras Presidency during the official year* 1894–95—continued.

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1891.	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 vaccination.		Re-vaccination.			Percentage of successful cases.		Persons successfully vaccinated per 1,000 of population.			Average number of persons successfully vaccinated during previous 5 years.		Average annual number of deaths from small-pox during previous 5 years.	
										Total.	Under 1 year.	Total.	Successful.	Unsuccessful.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	Total.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
						Males.	Females.	Total.															
1	2	3	4	5	6	7			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
50	Vizagapatam.	Gunapur circle	...	...	3	1,880	1,369	3,249	1,083	3,203	176	1,595	2,657	522	24	46	42	2	2	83·6	95·5	...	...	...	...	...	...	...
51		Zemindary vaccinators.	...	...	3	1,497	1,396	2,893	964	2,857	357	1,764	2,589	263	5	36	36	...	...	90·8	100·0	...	...	...	...	...	...	...
		Jeypore circle	...	...	4	2,022	1,712	3,734	933	3,734	455	2,240	3,502	187	45	...	...	...	...	94·9	...	...	...	...	...	...	...	...
		Zemindary vaccinators.	...	...	5	1,488	1,433	2,921	584	2,921	83	1,676	2,315	528	78	...	...	...	...	81·4	...	...	...	...	...	...	...	...
		Total of hill tracts ...	...	...	15	6,887	5,910	12,797	3,564	12,715	1,071	7,275	11,063	1,500	152	82	78	2	2	88·1	97·5	...	...	...	...	...	...	...
52		Vizagapatam circle ...	...	...	13	16,099	15,985	32,084	2,468	29,221	4,468	16,384	27,843	1,113	265	2,863	2,646	141	76	96·1	94·9	...	...	...	...	...	...	...
		Government vaccinators (Gudem hills) ...	...	...	1	326	319	645	645	586	20	234	466	44	76	59	50	5	4	91·4	90·9	...	...	...	...	...	...	...
53		Vizianagram circle ...	...	...	20	20,450	19,510	39,960	1,998	37,265	7,333	20,646	32,701	4,034	530	2,695	2,050	586	59	89·0	77·8	...	...	...	...	...	...	...
		Total of district ...	2,710,787	155	49	43,762	41,724	85,486	1,745	79,787	12,892	44,539	72,073	6,691	1,023	5,699	4,824	734	141	91·5	86·8	26·6	1·8	28·4	58,812	21·7	830	0·4
		Total of circles and districts	33,550,610	284	689	547,221	487,547	1,034,768	1,502	980,598	236,311	497,436	895,720	66,660	18,218	54,170	43,497	7,381	3,292	93·1	85·5	26·7	1·3	28·0	839,785	25·0	31,765	1·0
1	Cantonments.	Bangalore	93,540	...	2	463	343	806	403	762	521	192	713	49	...	44	33	11	...	93·6	75·0	7·6	0·4	8·0	782	8·4	29	0·3
2		Secunderabad	85,165	...	† 4	1,565	1,368	2,933	1,466	1,965	1,186	561	1,812	86	67	968	471	414	83	95·5	53·2	21·3	5·5	26·8	3,267	38·4	4	0·05
		Total of cantonments ...	178,705	...	6	2,028	1,711	3,739	935	2,727	1,707	753	2,525	135	67	1,012	504	425	83	94·9	54·3	14·1	2·8	16·9	4,049	22·7	33	0·2
		* Medical Subordinates.	...	...	...	14,692	1,178	15,870	...	3,505	483	510	2,980	387	138	12,365	6,991	5,007	367	88·5	58·3	...	...	...	...	...	...	...
1	Municipalities.	Ádóni	26,243	13,121	1	783	613	1,396	1,396	1,259	796	231	1,081	147	31	137	99	28	10	88·0	78·0	41·2	3·8	45·0	1,121	42·7	11	0·4
2		Anantapur	6,994	777	1	370	96	466	466	210	173	23	204	6	...	256	206	22	28	97·1	90·4	29·2	29·5	58·6	345	49·3	2	0·3
3		Anakápalle	17,010	1,417	1	705	584	1,289	1,289	1,110	354	631	1,071	27	12	179	126	48	5	97·5	72·4	63·0	7·4	70·4	848	49·8	23	1·3
4		Bellary	59,467	2,297	3	1,718	1,285	3,003	1,001	2,687	2,074	411	2,553	119	15	316	265	45	6	95·5	85·5	42·9	4·5	47·4	2,695	45·3	54	0·9
5		Berhampur	25,653	6,413	2	521	575	1,096	548	1,087	252	472	782	280	25	9	5	4	...	73·6	55·6	30·5	0·2	30·7	678	26·4	25	0·9
6		Bezwada	20,741	4,148	1	1,016	944	1,960	1,960	1,597	605	771	1,576	12	9	363	309	35	19	99·2	89·8	76·0	14·9	90·9	1,100	53·3	36	1·7
7		Bimlipatam	9,827	1,092	1	396	323	719	719	596	339	208	591	4	1	123	98	24	1	99·3	80·3	60·1	10·1	70·1	498	50·7	4	0·4
8		Calicut	66,078	5,083	4	3,994	3,200	7,194	1,798	7,184	1,495	3,513	6,916	135	133	10	9	1	...	98·1	90·0	104·7	0·1	104·8	2,955	44·7	334	5·0
9		Cannanore	27,418	6,854	2	1,102	724	1,826	913	1,428	896	466	1,362	42	24	398	292	71	35	97·0	80·4	49·7	10·6	60·3	1,716	62·6	15	0·5
10		Chicacole	18,241	6,080	1	616	582	1,198	1,198	1,117	339	359	894	221	2	81	21	58	2	80·1	26·6	49·0	1·2	50·2	403	22·1	14	0·8
11		Chidambaram	18,640	3,107	1	426	377	803	803	787	442	316	776	5	6	16	10	6	...	99·4	62·5	41·6	0·5	42·2	799	42·9	18	1·0
12		Cochin	17,601	17,601	1	750	443	1,193	1,193	1,067	295	485	1,010	46	11	126	85	38	3	95·6	69·1	57·4	4·8	62·2	1,159	65·8	87	4·9
13		Cocanada	40,553	8,111	2	1,192	1,051	2,243	1,121	2,218	797	1,026	2,181	19	18	25	8	16	1	99·1	33·3	53·8	0·2	54·0	1,467	36·2	79	1·9
14		Coimbatore	43,383	15,461	2	933	874	1,807	903	1,750	1,193	488	1,729	16	5	57	53	4	...	94·6	64·0	39·9	1·2	41·1	1,544	35·6	69	1·5
15		Conjeeveram	42,548	10,637	2	878	868	1,746	873	1,570	1,228	238	1,481	84	5	176	110	62	4	94·6	64·0	34·8	2·6	37·4	1,927	45·3	32	0·7
16		Coonoor	6,049	672	1	375	307	682	682	602	300	241	588	6	8	80	73	3	4	99·0	96·1	97·2	12·1	109·3	534	88·3	2	0·3
17		Cuddalore	47,355	4,305	2	1,184	883	2,067	1,033	1,897	829	906	1,876	5	16	170	123	1	46	99·7	99·2	39·7	2·6	42·2	2,072	43·8	32	0·7
18		Cuddapah	17,379	915	1	334	174	508	508	434	142	198	415	19	...	74	50	20	4	95·6	71·4	23·9	2·9	26·8	551	31·7	7	0·4
19		Dindigul	20,203	10,101	1	525	444	969	969	877	670	197	867	4	6	92	83	8	1	99·5	91·2	42·9	4·1	47·0	1,013	50·1	6	0·3
20		Ellore	29,382	3,265	2	1,156	1,063	2,219	1,109	2,178	505	1,349	2,142	30	6	41	39	2	...	98·6	95·1	72·9	1·3	74·2	1,781	60·6	20	0·7
21		Erode	12,330	1,121	1	352	288	640	640	584	356	158	528	54	2	56	51	5	...	90·7	91·1	42·8	4·1	47·0	599	48·6	6	0·5
22		Gudiyáttam	18,747	18,747	1	396	309	705	705	678	441	213	660	2	16	27	23	4	...	99·7	85·2	35·2	1·2	36·4	518	27·6	25	1·3
23		Guntúr	23,359	1,797	1	645	533	1,178	1,178	1,112	753	301	1,103	5	4	66	52	9	5	99·5	85·2	47·2	2·2	49·4	1,183	50·6	11	0·5
24		Karúr	10,750	10,750	1	433	410	843	843	825	293	412	730	90	5	18	11	6	1	89·0	64·1	67·9	1·0	68·9	311	28·9	3	0·3
25		Kumbakónam	54,307	18,102	2	886	835	1,721	860	1,654	931	621	1,597	56	1	67	61	6	...	96·6	91·0	29·4	1·1	30·5	1,462	26·9	80	1·5
26		Kurnool	24,376	4,875	1	784	530	1,314	1,314	1,033	497	248	771	70	192	281	94	45	142	91·7	67·6	31·6	3·9	35·5	1,038	42·6	8	0·3
27		Madras	452,518	16,019	24	14,270	10,455	24,725	1,030	19,411	13,230	5,330	19,082	70	259	5,314	4,227	418	669	99·6	91·0	42·2	9·3	51·5	23,642	54·2	47	0·1
28		Madura	87,428	6,725	3	2,601	2,141	4,742	1,581	4,518	2,711	1,517	4,344	111	63	224	174	17	33	97·5	91·1	49·7	2·0	51·7	3,584	41·0	205	2·3
29		Mannárgudi	20,395	5,099	1	429	387	816	816	802	459	284	766	27	9	14	11	3	...	96·6	78·6	37·6	0·5	38·1	699	34·3	31	1·5
30		Mangalore	40,922	8,184	2	1,231	1,074	2,305	1,152	1,929	1,027	846	1,873	56	...	376	351	25	...	97·1	93·4	45·8	8·6	54·3	1,869	45·7	3	0·1
31		Masulipatam	38,809	9,702	2	1,592	1,216	2,808	1,404	2,397	1,024	1,188	2,362	35	...	411	341	70	...	98·5	83·0	60·9	8·8	69·6	2,266	58·4	48	1·2
32		Máyavaram	23,765	7,922	1	450	432	882	882	857	687	126	851	6	...	25	25	...	...	99·3	100·0	35·8	1·1	36·9	786	33·1	12	0·5
33		Negapatam	59,221	8,460	3	2,190	1,801	3,991	1,330	3,760	2,031	1,455	3,542	67	151	231	210	11	10	98·1	95·0	59·8	3·5	63·4	2,392	40·4	27	0·4
34		Nellore	29,336	1,173	1	565	386	951	951	850	622	119	848	2	...	101	94	7	...	99·8	93·1	28·9	3·2	32·1	1,068	36·4	4	1·4
35		Ongole	10,860	2,715	1	270	161	431	431	395	270	31	318	62	15	36	18	18	...	83·7	50·0	29·3	1·7	30·9	506	46·6	7	0·6
36		Ootacamund	15,053	1,368	1	650	562	1,212	1,212	1,068	577	354	1,062	4	2	144	125	19	...	99·6	86·8	70·6	8·3	78·9	831	55·2	5	0·3
37		Palamcottah	18,686	6,229	1	514	480	994	994	860	479	207	830	21	9	134	114	20	...	97·5	85·1	44·4	5·6	50·0	886	47·4	10	0·5

* Work performed in jails, police hospitals, revenue and other departments.
† Two Vaccinators' places were vacant for a greater part of the year.

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 1891.	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 vaccination.	
										Total.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
						Males.	Females.	Total.			
38	Municipalities—*cont.*	Palghat	39,481	4,387	3	1,899	1,744	3,643	1,214	3,609	1,044
39		Parlákimedi	16,390	5,463	1	488	486	974	974	974	447
40		Periyakulam	16,363	606	1	460	440	900	900	755	586
41		Palni	16,940	2,420	1	435	306	741	741	575	248
42		Rajahmundry	28,397	2,366	2	1,212	673	1,885	1,885	1,476	603
43		Salem	67,710	11,285	2	1,649	1,498	3,147	1,573	3,141	2,550
44		Srírangam	21,632	3,090	1	556	527	1,083	1,083	1,059	342
45		Tanjore	54,390	6,799	2	941	953	1,894	947	1,882	428
46		Tellicherry	27,196	6,799	2	908	565	1,473	736	11,72	686
47		Tinnevelly	24,768	24,768	1	991	835	1,826	1,826	1,826	848
48		Trichinopoly	90,609	9,061	5	3,373	2,759	6,132	1,226	5,579	1,632
49		Tiruppattúr	16,499	4,125	2	390	356	746	373	731	607
50		Tirupati	14,242	...	1	260	236	496	496	480	368
51		Tuticorin	25,107	8,369	1	789	612	1,401	1,401	1,401	352
52		Vániyambádi	15,838	15,838	2	484	407	891	445	891	582
53		Vellore	44,925	11,231	2	1,546	968	2,514	1,257	2,287	1,343
54		Vizagapatam	34,487	11,496	1	964	611	1,575	1,575	1,421	1,071
55		Vizianagram	30,881	7,720	1	914	728	1,642	1,642	1,414	863
56		Wallajapet	10,485	10,485	1	281	249	530	530	514	337
		Total of municipalities...	2,100,967	5,499	111	65,772	52,363	118,135	1,064	105,575	55,039
		Grand Total ...	35,830,282	261	806	629,713	542,799	1,172,512	1,455	1,092,405	293,540 X

* Besides these 1,066 cases were vaccinated in the jail outside municipal

X on p-2, this is given at 297723, a diff^ce of 4183 — Civ. Dispensaries seem to have been omitted — I don't know why —

DEPARTMENT.

Madras Presidency during the official year 1894–95—continued.

vaccination.				Re-vaccination.				Percentage of successful cases.		Persons successfully vaccinated per 1,000 of population.			Average number of persons successfully vaccinated during previous 5 years.		Average annual number of deaths from small-pox during previous 5 years.	
Successful.		Unsuccessful.	Unknown.	Total.	Successful.	Unsuccessful.	Unknown.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	Total.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
Over 1 and under 6 years.	Total of all ages.															
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
1,937	3,284	296	29	34	30	4	...	91·7	88·2	83·2	0·8	83·9	1,784	45·2	109	2·8
349	895	79	...	...	...	...	...	91·9	...	54·6	...	54·6	658	40·1	2	0·1
146	743	11	1	145	113	28	4	98·5	80·1	45·4	6·9	52·3	620	37·9	32	1·9
138	397	154	24	116	87	69	10	72·1	55·8	23·4	5·1	28·6	580	34·2	9	0·5
649	1,444	27	5	409	342	66	1	98·2	83·8	50·9	12·0	62·9	1,326	46·7	36	1·3
511	3,120	6	15	6	6	...	...	99·8	100·0	46·1	0·1	46·2	2,820	41·6	30	0·4
495	991	50	18	24	21	1	2	95·2	95·5	45·8	1·0	46·8	1,146	53·0	12	0·5
1,123	1,824	46	12	12	7	3	2	97·5	70·0	33·5	0·1	33·7	1,800	33·1	57	1·0
306	1,109	31	32	301	170	95	36	97·3	64·2	40·8	6·2	47·0	1,229	45·2	52	1·9
655	1,712	67	47	...	...	...	...	96·2	...	69·1	...	69·1	1,460	58·9	22	0·9
3,174	5,432	108	39	553	439	85	29	98·1	83·8	59·9	4·8	64·8	7,340	81·0	115	1·3
98	723	8	...	15	14	1	...	98·9	93·3	43·8	0·8	44·7	631	38·2	31	1·9
62	457	8	15	16	4	12	...	98·3	25·0	32·1	0·3	32·4	453	31·8	20	1·4
757	1,331	70	...	...	...	...	...	95·0	...	53·0	...	53·0	1,074	42·8	43	1·7
261	876	14	1	...	...	...	...	98·4	...	55·3	...	55·3	795	50·2	22	1·4
829	2,272	12	3	227	125	100	2	99·5	55·6	50·6	2·8	53·4	1,770	39·4	66	1·5
253	1,380	35	6	154	84	65	5	97·5	56·3	40·0	2·4	42·4	1,628	47·2	58	1·7
477	1,404	9	1	228	174	48	6	99·4	78·4	45·5	5·6	51·1	1,198	38·8	33	1·1
112	453	56	5	16	6	10	...	89·0	37·5	43·2	0·6	43·8	366	34·9	14	1·3
38,271	101,209	3,052	1,314	12,560	9,658	1,776	1,126	97·1	84·5	48·2	4·6	52·8	97,524	46·4	2,166	1·0
536,970	1,002,434	70,234	19,737	80,107	60,650	14,589	4,868	93·4	80·6	28·0	1·7	29·7	941,358	26·3	33,964	1·0

limits which is included in the work shown under medical subordinates.

8

A—VACCINE DEPARTMENT.

STATEMENT No. II *showing the Cost of the Department in the Madras Presidency during the official year* 1894–95.

Number.	Districts.	Circles.	Establishment.							Expenditure.			Paid from					Total.	Number of all successful vaccinations and re-vaccinations.	Average cost of each successful case.
			Inspector of Vaccination and Deputy Sanitary Commissioner.	Deputy First-class Inspectors.	Deputy Second-class Inspectors.	Vaccinators. First class.	Vaccinators. Second class.	Probationers.	Peons.	Pay of establishment.	Travelling allowance.	Contingencies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipalities.	Native states, zemindars, or private funds.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
										RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.		RS. A. P.
1	Anantapur.	Anantapur circle	...	1	...	2	4	4	1	2,381 6 9	230 12 0	719 12 10	3,331 15 7	...	...	3,331 15 7	...	...	3,331 15 7	9,945	0 5 4
2		Penukonda do.	...	...	1	1	3	3	1	1,589 2 1	185 2 9	702 11 4	2,477 0 2	...	...	2,477 0 2	...	...	2,477 0 2	8,019	0 4 11
		Total of district ...	...	1	1	3	7	7	2	3,970 8 10	415 14 9	1,422 8 2	5,808 15 9	...	...	5,808 15 9	...	...	5,808 15 9	17,964	0 5 2
3	Bellary.	Bellary circle	...	1	...	5	8	2	1	2,792 0 7	1,422 8 3	835 7 0	5,049 15 10	...	...	5,049 15 10	...	...	5,049 15 10	16,781	0 4 10
4		Harpanahalli circle	...	...	1	4	4	1	1	1,750 2 0	787 5 6	530 15 8	3,068 7 2	...	...	3,068 7 2	...	...	3,068 7 2	8,582	0 5 9
		Total of district ...	...	1	1	9	12	3	2	4,542 2 7	2,209 13 9	1,366 6 8	8,118 7 0	...	...	8,118 7 0	...	...	8,118 7 0	25,363	0 5 1
5	Chingleput.	Chingleput circle	...	1	...	4	7	3	1	2,659 14 0	344 1 9	631 8 3	3,635 8 0	...	...	3,635 8 0	...	...	3,635 8 0	22,273	0 2 7
6		Saidapet do.	...	1	...	4	6	1	1	2,325 0 9	300 5 9	729 8 0	3,354 14 6	...	...	3,354 14 6	...	...	3,354 14 6	16,554	0 3 3
		Total of district ...	...	2	...	8	13	4	2	4,984 14 9	644 7 6	1,361 0 3	6,990 6 6	...	...	6,990 6 6	...	...	6,990 6 6	38,827	0 2 11
7	Coimbatore.	North Coimbatore circle ...	...	1	...	3	8	1	1	1,953 4 9	362 2 0	154 8 3	2,469 15 0	...	...	2,469 15 0	...	...	2,469 15 0	14,349	0 2 9
8		South do. do. ...	...	...	1	3	6	3	1	1,825 1 9	207 5 0	157 2 9	2,189 9 6	...	...	2,189 9 6	...	...	2,189 9 6	17,833	0 2 0
9		East do. do. ...	...	1	...	4	10	4	1	2,967 4 2	223 0 0	256 12 0	3,447 0 2	...	...	3,447 0 2	...	...	3,447 0 2	22,076	0 2 6
		Total of district ...	...	2	1	10	24	8	3	6,745 10 8	792 7 0	568 7 0	8,106 8 8	...	...	8,106 8 8	...	...	8,106 8 8	54,258	0 2 5
10	Cuddapah.	Cuddapah circle	...	1	...	4	7	1	1	2,370 6 3	1,022 11 6	516 15 3	3,910 1 0	...	...	3,910 1 0	...	...	3,910 1 0	12,304	0 5 1
11		Madanapalle do.	...	1	...	4	8	2	1	2,257 14 5	1,247 15 4	739 14 3	4,245 12 0	...	...	4,245 12 0	...	...	4,245 12 0	15,947	0 4 3
12		Sidhout do.	...	1	...	3	5	1	1	1,822 7 7	800 9 3	376 8 1	2,999 8 11	...	...	2,999 8 11	...	...	2,999 8 11	9,910	0 4 10
		Total of district ...	...	3	...	11	20	4	3	6,450 12 3	3,071 4 1	1,633 5 7	11,155 5 11	...	...	11,155 5 11	...	...	11,155 5 11	38,161	0 4 8
13	Ganjám.	Chatrapur circle	...	1	...	5	11	1	1	2,945 3 7	266 11 0	136 15 0	3,348 13 7	...	...	3,348 13 7	...	...	3,348 13 7	9,039	0 5 11
14		Chicacole do.	...	1	...	4	8	1	1	2,715 6 0	273 12 0	115 0 10	3,104 2 10	...	...	3,104 2 10	...	...	3,104 2 10	8,815	0 5 7
15		Ganjám Hill tracts	...	1	...	3	4	2	1	1,895 10 4	509 0 0	115 15 0	2,520 9 4	...	2,520 9 4	...	...	...	2,520 9 4	6,584	0 6 2
		Total of district ...	...	3	...	12	23	4	3	7,556 3 11	1,049 7 0	367 14 10	8,973 9 9	...	2,520 9 4	6,453 0 5	...	...	8,973 9 9	24,438	0 5 10
16	Gódávari.	Ellore circle	...	1	...	6	16	3	1	3,285 15 10	1,260 5 8	408 8 6	4,954 14 0	...	...	4,954 14 0	...	...	4,954 14 0	20,897	0 3 10
17		Pithápuram circle	...	...	1	6	10	2	1	2,813 4 1	1,086 4 0	578 1 0	4,477 9 1	...	...	4,477 9 1	...	...	4,477 9 1	19,818	0 3 7
18		Rajahmundry do.	...	1	...	4	7	3	1	1,950 9 0	537 11 0	566 3 7	3,054 7 7	...	...	3,054 7 7	...	...	3,054 7 7	6,622	0 7 5
		Government vaccinators ...	...	...	...	4	1	1	...	871 10 6	599 8 0	271 7 8	1,742 10 2	...	1,742 10 2	...	...	...	1,742 10 2	3,578	0 7 9
		Total of district ...	...	2	1	20	34	9	3	8,921 7 5	3,483 12 8	1,824 4 9	14,229 8 10	...	1,742 10 2	12,486 14 8	...	...	14,229 8 10	50,915	0 4 6
19	Kistna.	Guntúr circle	...	1	...	4	9	4	1	2,850 8 0	867 11 0	769 0 11	4,487 3 11	...	...	4,487 3 11	...	...	4,487 3 11	21,169	0 3 5
20		Masulipatam circle	...	1	...	6	9	5	1	2,952 10 6	682 2 10	1,054 13 4	4,689 10 8	...	...	4,689 10 8	...	...	4,689 10 8	24,138	0 3 1
21		Vinukonda do.	...	...	1	3	7	3	1	2,041 12 4	669 6 6	14 1 0	2,725 3 10	...	...	2,725 3 10	...	...	2,725 3 10	13,831	0 3 2
		Total of district ...	...	2	1	13	25	12	3	7,844 14 10	2,219 4 4	1,837 15 3	11,902 2 5	...	...	11,902 2 5	...	...	11,902 2 5	59,138	0 3 3
22	Kurnool.	Cumbum circle	...	1	...	4	...	4	1	1,464 0 11	150 15 0	92 8 0	1,707 7 11	...	...	1,707 7 11	...	...	1,707 7 11	8,774	0 3 1
23		Kurnool do.	...	1	...	4	...	4	1	1,764 0 10	493 9 6	773 13 6	2,991 5 10	...	40 2 0	2,991 5 10	...	...	3,031 7 10	8,733	0 5 7
		Total of district ...	...	2	...	8	...	8	2	3,228 1 9	644 8 6	866 5 6	4,698 13 9	...	40 2 0	4,698 13 9	...	...	4,738 15 9	17,507	0 4 4
24	Madura.	Dindigul circle	...	1	...	5	7	2	1	2,695 0 10	206 9 0	928 14 4	3,830 8 2	...	...	3,830 8 2	...	...	3,830 8 2	24,808	0 2 6
25		Madura do.	...	...	1	3	5	2	1	1,953 1 9	19 6 0	1,023 13 1	2,996 4 10	...	...	2,996 4 10	...	...	2,996 4 10	16,516	0 2 11
26		Paramagudi do.	...	1	...	6	11	2	1	3,513 11 3	286 10 0	1,006 4 1	4,806 9 4	...	...	4,806 9 4	...	...	4,806 9 4	31,942	0 2 5
		Total of district ...	...	2	1	14	23	6	3	8,161 13 10	512 9 0	2,958 15 6	11,633 6 4	...	...	11,633 6 4	...	...	11,633 6 4	73,266	0 2 6
27	Malabar.	Tellicherry circle	...	...	1	4	8	3	1	2,579 11 1	370 13 0	1,032 13 0	3,983 5 1	...	...	3,983 5 1	...	...	3,983 5 1	18,091	0 3 6
28		Calicut do.	...	1	...	4	9	5	1	3,122 11 9	363 11 0	704 8 4	4,190 15 1	...	...	4,190 15 1	...	...	4,190 15 1	20,190	0 3 4
29		Palghat do.	...	...	1	4	14	9	1	2,128 10 11	519 2 0	386 6 6	3,034 3 5	...	...	3,034 3 5	...	...	3,034 3 5	16,764	0 2 11
		Total of district ...	...	1	2	12	31	17	3	7,831 1 9	1,253 10 0	2,123 11 10	11,208 7 7	...	...	11,208 7 7	...	...	11,208 7 7	55,045	0 3 3

A—VACCINE

STATEMENT No. II *showing the Cost of the Department in the*

Number.	Districts.	Circles.	Establishment.							Expenditure.		
			Inspector of Vaccination and Deputy Sanitary Commissioner.	First-class Deputy Inspectors.	Second-class Deputy Inspectors.	Vaccinators. First class.	Vaccinators. Second class.	Probationers.	Peons.	Pay of establishment.	Travelling allowance.	Contingencies.
1	2	3	4	5	6	7	8	9	10	11	12	13
30	Nellore.	Kávali circle	...	...	1	3	5	1	1	RS. A. P. 1,757 0 4	RS. A. P. 576 6 0	RS. A. P. 241 2 0
31		Nellore do.	...	1	...	3	8	1	1	2,523 7 9	850 6 0	213 8 6
32		Ongole do.	...	...	1	3	5	2	1	1,624 14 4	539 15 0	171 5 5
		Total of district ...	...	1	2	9	18	4	3	5,905 6 5	1,966 11 0	625 15 11
33	Nilgiris.	Nilgiris	...	...	...	3	...	...	...	783 15 11	277 0 6	...
		Total of district ...	...	...	...	3	...	...	...	783 15 11	277 0 6	...
34	Madras. North Arcot.	Chittoor circle	...	1	...	6	6	3	1	2,637 9 5	853 6 3	1,209 11 5
35		Vellore do.	...	1	...	5	5	2	1	2,315 14 11	818 10 0	685 2 1
36		Karvetnagar circle	...	...	1	3	5	1	1	1,575 7 8	695 14 11	638 3 1
		Total of district ...	...	2	1	14	16	6	3	6,529 0 0	2,367 15 2	2,533 0 7
37	Madras.	Madras Presidency	1	...	...	...	...	...	...	10,788 11 4	1,629 2 6	...
		Total of district ...	1	...	...	...	...	...	...	10,788 11 4	1,629 2 6	...
38	Salem.	Krishnagiri circle	...	...	1	3	6	3	1	1,910 9 6	186 7 0	330 7 5
39		Salem do.	...	1	...	3	11	3	1	2,880 6 7	240 15 9	426 11 0
40		Námakkal do.	...	...	1	3	11	3	1	2,393 13 10	196 13 0	105 8 9
		Total of district ...	...	1	2	9	28	9	3	7,184 13 11	624 3 9	862 11 2
41	South Arcot.	Cuddalore circle	...	1	...	6	13	2	1	3,842 3 5	2,009 15 0	1,830 0 7
42		Vriddhachalam circle	...	...	1	4	10	2	1	2,660 5 7	1,333 6 0	194 11 0
		Total of district ...	...	1	1	10	23	4	2	6,502 9 0	3,343 5 0	2,024 11 7
43	South Canara.	No. I, South Canara circle ...	...	1	...	3	6	5	1	2,525 13 2	331 11 0	200 8 9
44		No. II, do. do. ...	...	...	1	2	4	4	1	1,855 1 7	194 8 0	80 14 3
		Total of district ...	...	1	1	5	10	9	2	4,380 14 9	526 3 0	281 7 0
45	Tanjore.	Negapatam circle	...	1	...	4	10	2	1	3,005 7 0	283 9 0	226 7 10
46		Tanjore do.	...	1	...	5	14	2	1	3,534 10 10	402 7 0	893 2 8
		Total of district ...	...	2	...	9	24	4	2	6,540 1 10	686 0 0	1,119 10 6
47	Tinnevelly.	Sáttúr circle	...	...	1	2	5	4	1	2,131 12 9	614 6 11	517 4 7
48		Sérmádévi circle	...	...	1	1	6	3	1	1,955 12 0	604 0 4	469 11 7
49		Tinnevelly do.	...	1	...	4	4	8	1	2,962 5 1	846 10 6	627 7 6
		Total of district ...	...	1	2	7	15	15	3	7,049 13 10	2,065 1 9	1,614 7 8
50	Trichinopoly.	Trichinopoly circle	...	1	...	8	6	1	1	3,564 8 4	264 10 0	1,959 15 4
		Total of district ...	...	1	...	8	6	1	1	3,564 8 4	264 10 0	1,959 15 4
51	Vizagapatam.	Gunapur circle	...	...	1	1	1	1	1	884 0 0	612 11 0	310 12 0
52		Zemindari vaccinators ...	...	...	...	...	3	...	...	329 3 3	210 14 0	...
		Jeypore circle	...	1	...	2	3	1	1	1,142 6 11	733 1 6	87 10 6
		Zemindari vaccinators ...	...	...	...	...	4	...	...	355 6 3	168 4 6	...
		Total of Hill tracts ...	...	1	1	3	11	2	2	2,711 0 5	1,724 15 0	398 6 6
53		Vizagapatam circle	...	...	1	5	6	2	1	2,243 10 4	197 6 3	1,684 7 3
		Government vaccinators (Gudem hills).	...	...	...	...	1	...	...	119 0 0	81 8 0	...
54		Vizianagrum circle	...	1	...	10	6	4	1	3,785 14 1	213 8 3	2,185 14 11
		Total of district ...	...	2	2	18	24	8	4	8,859 8 10	2,217 5 6	4,268 12 8
		Grand Total of districts ...	1	33	19	212	376	142	52	1,38,327 4 9	33,250 14 3	30,635 10 3

DEPARTMENT.

Madras Presidency during the official year 1894–95—continued.

Total cost.	Paid from: Imperial funds.	Provincial funds.	Local funds.	Municipalities.	Native States, zemindars, or private funds.	Total.	Number of all successful vaccinations and re-vaccinations.	Average cost of each successful case.
14	15	16	17	18	19	20	21	22
RS. A. P. 2,574 8 4	RS. A. P. ...	RS. A. P. ...	RS. A. P. 2,574 8 4	RS. A. P. ...	RS. A. P. ...	RS. A. P. 2,574 8 4	8,003	RS. A. P. 0 5 2
3,587 6 3	...	...	3,587 6 3	...	...	3,587 6 3	12,716	0 4 6
2,336 2 9	...	...	2,336 2 9	...	...	2,336 2 9	7,515	0 4 11
8,498 1 4	...	...	8,498 1 4	...	...	8,498 1 4	28,234	0 4 10
1,061 0 5	...	...	1,061 0 5	...	...	1,061 0 5	4,124	0 4 1
1,061 0 5	...	...	1,061 0 5	...	...	1,061 0 5	4,124	0 4 1
4,700 11 1	...	...	4,700 11 1	...	...	4,700 11 1	16,625	0 4 6
3,819 11 0	...	...	3,819 11 0	...	...	3,819 11 0	14,566	0 4 2
2,909 9 8	...	...	2,909 9 8	...	...	2,909 9 8	13,169	0 3 6
11,429 15 9	...	...	11,429 15 9	...	...	11,429 15 9	44,360	0 4 1
12,417 13 10	...	12,417 13 10	...	...	...	12,417 13 10	...	...
12,417 13 10	...	12,417 13 10	...	...	...	12,417 13 10	...	...
2,427 7 11	...	...	2,427 7 11	...	...	2,427 7 11	17,213	0 2 3
3,548 1 4	...	...	3,548 1 4	...	...	3,548 1 4	25,871	0 2 2
2,696 3 7	...	...	2,696 3 7	...	...	2,696 3 7	26,099	0 1 8
8,671 12 10	...	...	8,671 12 10	...	...	8,671 12 10	69,183	0 2 0
7,682 3 0	...	...	7,682 3 0	...	...	7,682 3 0	43,438	0 2 10
4,188 6 7	...	...	4,188 6 7	...	...	4,188 6 7	26,852	0 2 6
11,870 9 7	...	...	11,870 9 7	...	...	11,870 9 7	70,290	0 2 8
3,058 0 11	...	...	3,058 0 11	...	...	3,058 0 11	10,824	0 4 6
2,130 7 10	...	...	2,130 7 10	...	...	2,130 7 10	10,876	0 3 2
5,188 8 9	...	...	5,188 8 9	...	...	5,188 8 9	21,700	0 3 10
3,515 7 10	...	...	3,515 7 10	...	...	3,515 7 10	21,970	0 2 4
4,830 4 6	...	...	4,830 4 6	...	...	4,830 4 6	28,978	0 2 8
8,345 12 4	...	...	8,345 12 4	...	...	8,345 12 4	50,948	0 2 7
3,263 8 3	...	...	3,263 8 3	...	...	3,263 8 3	23,882	0 2 2
3,029 7 11	...	...	3,029 7 11	...	...	3,029 7 11	24,051	0 2 0
4,436 7 1	...	...	4,436 7 1	...	...	4,436 7 1	31,554	0 2 3
10,729 7 3	...	...	10,729 7 3	...	...	10,729 7 3	79,487	0 3 5
5,789 1 8	...	...	5,789 1 8	...	...	5,789 1 8	39,112	0 2 4
5,789 1 8	...	...	5,789 1 8	...	...	5,789 1 8	39,112	0 2 4
1,807 7 0	...	1,807 7 0	...	...	...	1,807 7 0	2,699	0 10 8
540 1 3	...	...	...	...	540 1 3	540 1 3	2,625	0 3 4
1,963 2 11	...	1,963 2 11	...	...	...	1,963 2 11	3,502	0 9 0
523 10 9	...	...	...	...	523 10 9	523 10 9	2,315	0 3 7
4,834 5 11	...	3,770 9 11	...	...	1,063 12 0	4,834 5 11	11,141	0 6 11
4,125 7 10	...	...	4,125 7 10	...	...	4,125 7 10	30,489	0 2 2
200 8 0	...	200 8 0	...	...	...	200 8 0	516	0 6 3
6,185 5 3	...	...	6,185 5 3	...	...	6,185 5 3	34,751	0 2 10
15,345 11 0	...	3,971 1 11	10,310 13 1	...	1,063 12 0	15,345 11 0	76,897	0 3 2
2,02,213 13 3	...	20,692 5 3	1,80,457 12 0	...	1,063 12 0	2,02,213 13 3	939,217	0 3 5

A—VACCINE DEPARTMENT.

STATEMENT No. II *showing the Cost of the Department in the Madras Presidency during the official year* 1894-95—continued.

Number.		—	Establishment.							Expenditure.			Total cost.	Paid from					Total.	Number of all successful vaccinations and re-vaccinations.	Average cost of each successful case.
			Inspector of Vaccination and Deputy Sanitary Commissioner.	First-class Deputy Inspectors.	Second-class Deputy Inspectors.	Vaccinators. First class.	Vaccinators. Second class.	Probationers.	Peons.	Pay of establishment.	Travelling allowance.	Contingencies.		Imperial funds.	Provincial funds.	Local funds.	Municipalities.	Native States, zemindars, or private funds.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
										RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.		RS. A. P.
1	Municipalities.	Ádóni	...	...	...	1	...	...	...	177 4 10	...	211 12 9	389 1 7	...	...	...	389 1 7	...	389 1 7	1,180	0 5 3
2		Anantapur	...	...	...	1	...	...	...	180 0 0	...	50 8 0	230 8 0	...	...	...	230 8 0	...	230 8 0	410	0 9 0
3		Anakápalle	...	...	...	...	1	...	...	120 0 0	...	23 4 3	143 4 3	...	...	...	143 4 3	...	143 4 3	1,197	0 1 11
4		Bellary	...	...	...	2	1	...	...	530 8 3	...	348 1 10	878 10 1	...	...	...	878 10 1	...	878 10 1	2,818	0 5 0
5		Berhampur	...	...	...	1	...	1	1	187 12 3	...	121 2 2	308 14 5	...	...	...	308 14 5	...	308 14 5	787	0 6 3
6		Bezwada	...	...	...	1	...	...	2	324 0 0	...	346 9 1	670 9 1	...	...	...	670 9 1	...	670 9 1	1,885	0 5 8
7		Bimlipatam	...	...	...	1	...	...	...	224 4 2	...	224 4 2	224 4 2	...	...	...	224 4 2	...	224 4 2	689	0 5 2
8		Calicut	...	...	...	...	1	...	...	180 0 0	...	44 4 2	703 1 8	...	...	...	703 1 8	...	703 1 8	6,925	0 1 7
9		Cannanore	...	...	...	1	3	...	...	591 11 5	...	111 6 3	tion not received.	...	...	...	...	...	...	1,654	...
10		Chicacole	...	...	...	1	1	...	...	.....	...	Informa	228 0 5	...	...	...	228 0 5	...	228 0 5	915	0 4 0
11		Chidambaram	...	...	...	1	...	...	...	180 0 0	...	48 0 5	348 11 3	...	...	...	348 11 3	...	348 11 3	786	0 7 1
12		Cochin	...	...	...	1	...	...	...	180 0 0	...	168 11 3	319 12 4	...	...	...	319 12 4	...	319 12 4	1,095	0 4 8
13		Cocanada	...	...	...	1	...	...	...	180 0 0	...	139 12 4	759 15 0	...	...	...	759 15 0	...	759 15 0	2,189	0 5 6
14		Coimbatore	...	...	...	1	...	1	1	320 4 2	...	439 10 10	293 2 0	...	...	...	293 2 0	...	293 2 0	1,782	0 2 8
15		Conjeeveram	...	...	...	...	2	...	...	230 1 0	...	63 1 0	582 7 2	...	...	...	582 7 2	...	582 7 2	1,591	0 5 10
16		Coonoor	...	...	...	...	1	1	...	228 0 0	5 0 0	349 7 2	267 1 9	...	...	...	267 1 9	...	267 1 9	661	0 6 6
17		Cuddalore	...	...	...	1	...	...	...	216 0 0	...	51 1 9	328 10 9	...	...	...	328 10 9	...	328 10 9	1,999	0 2 8
18		Cuddapah	...	...	...	1	1	...	...	260 0 0	...	68 10 9	204 2 10	...	...	...	204 2 10	...	204 2 10	465	0 7 0
19		Dindigul	...	...	...	...	1	...	...	106 0 0	...	98 2 10	481 5 3	...	...	...	481 5 3	...	481 5 3	950	0 8 1
20		Ellore	...	...	...	1	...	...	1	294 10 8	...	186 10 7	541 1 10	...	...	...	541 1 10	...	541 1 10	2,181	0 4 0
21		Erode	...	...	...	1	1	...	...	300 0 0	...	241 1 10	164 0 3	...	...	...	164 0 3	...	164 0 3	579	0 4 6
22		Gudiyáttam	...	...	...	1	...	...	...	159 8 9	...	4 7 6	252 15 9	...	...	...	252 15 9	...	252 15 9	683	0 5 11
23		Guntúr	...	...	...	...	1	...	...	119 0 0	...	133 15 9	402 1 0	...	...	...	402 1 0	...	402 1 0	1,155	0 5 7
24		Karúr	...	...	...	1	...	...	1	288 0 0	...	114 1 0	214 9 3	...	...	...	214 9 3	...	214 9 3	741	0 4 8
25		Kumbakónam	...	...	...	1	...	...	...	210 0 0	...	4 9 3	806 14 9	...	...	...	806 14 9	...	806 14 9	1,658	0 7 9
26		Kurnool	...	...	...	1	1	...	...	300 0 0	...	506 14 9	464 0 6	...	...	...	464 0 6	...	464 0 6	865	0 8 7
27		Madras	...	...	...	1	...	...	1	252 0 0	...	212 0 6	10,882 8 10	...	...	...	10,882 8 10	...	10,882 8 10	23,309	0 6 0
28		Madura	...	1	4	8	8	8	1	6,347 14 11	240 0 0	4,294 9 11	656 6 8	...	...	...	656 6 8	...	656 6 8	4,518	0 2 4
29		Mannárgudi	...	...	...	1	2	...	...	364 13 1	...	291 9 7	276 4 1	...	...	...	276 4 1	...	276 4 1	777	0 3 2
30		Mangalore	...	...	...	...	1	...	...	120 0 0	...	156 4 1	384 5 7	...	...	...	384 5 7	...	384 5 7	2,224	0 2 9
31		Masulipatam	...	...	...	1	...	1	...	252 1 5	...	132 4 2	599 9 7	...	...	...	599 9 7	...	599 9 7	2,703	0 3 7
32		Máyavaram	...	...	...	1	...	...	1	290 0 0	...	309 9 7	318 13 11	...	...	...	318 13 11	...	318 13 11	876	0 5 10
33		Negapatam	...	...	...	1	...	...	1	220 2 2	...	98 11 9	761 11 10	...	...	...	761 11 10	...	761 11 10	3,752	0 3 3
34		Nellore	...	...	...	1	2	...	...	505 3 9	...	256 8 1	346 2 6	...	...	...	346 2 6	...	346 2 6	942	0 5 10
35		Ongole	...	...	...	1	...	...	...	165 0 0	...	181 2 6	182 12 1	...	...	...	182 12 1	...	182 12 1	336	0 6 4
36		Ootacamund	...	...	...	...	1	...	...	133 9 0	...	49 3 1	422 4 4	...	...	...	422 4 4	...	422 4 4	1,187	0 5 8
37		Palamcottah	...	...	...	1	...	...	...	214 4 1	8 4 6	199 11 9	342 5 11	...	...	...	342 5 11	...	342 5 11	934	0 5 10
38		Palghat	...	...	...	1	...	...	1	239 12 0	...	102 9 11	625 3 6	...	...	...	625 3 6	...	625 3 6	3,314	0 3 0
39		Parlákimedi	...	...	...	1	2	...	...	389 6 11	...	235 12 7	157 12 10	...	...	...	157 12 10	...	157 12 10	895	0 2 10
40		Periyakulam	...	...	...	...	1	...	...	120 0 0	...	37 12 10	295 5 5	...	...	...	295 5 5	...	295 5 5	856	0 5 6
41		Palni	...	...	...	1	...	...	1	118 4 0	...	177 1 5	186 6 0	...	...	...	186 6 0	...	186 6 0	484	0 4 1
42		Rajahmundry	...	...	...	...	1	...	...	99 4 0	...	87 2 0	575 15 3	...	...	...	575 15 3	...	575 15 3	1,786	0 5 2
43		Salem	...	...	...	1	1	...	1	296 2 0	...	279 13 3	419 2 9	...	...	...	419 2 9	...	419 2 9	3,126	0 2 2
44		Srírangam	...	...	...	1	1	...	...	308 0 10	...	111 1 11	216 3 3	...	...	...	216 3 3	...	216 3 3	1,012	0 3 5
45		Tanjore	...	...	...	1	...	...	...	178 0 0	...	38 3 3	334 14 1	...	...	...	334 14 1	...	334 14 1	1,831	0 2 11
46		Tellicherry	...	...	...	...	...	...	...	239 7 10	...	95 6 3	378 6 0	...	...	...	378 6 0	...	378 6 0	1,279	0 4 9
47		Tinnevelly	...	...	...	...	2	...	1	311 9 0	...	66 13 0	464 12 8	...	...	...	464 12 8	...	464 12 8	1,712	0 4 4
48		Trichinopoly	...	...	...	1	...	...	1	239 0 0	...	225 12 8	1,171 14 10	...	...	...	1,171 14 10	...	1,171 14 10	5,871	0 3 2
49		Tiruppattúr	...	...	...	1	4	...	1	630 8 0	...	541 6 10	188 10 10	...	...	...	188 10 10	...	188 10 10	737	0 4 1
50		Tirupati	...	...	...	...	2	...	...	120 0 0	...	68 10 10	349 8 1	...	...	...	349 8 1	...	349 8 1	461	0 12 2
51		Tuticorin	...	...	...	...	1	...	...	215 8 0	11 10 0	122 6 1	327 5 11	...	...	...	327 5 11	...	327 5 11	1,331	0 3 11
52		Vániyambádi	...	...	...	1	...	...	...	180 0 0	...	147 5 11	207 7 10	...	...	...	207 7 10	...	207 7 10	876	0 3 9
53		Vellore	...	...	...	...	2	...	...	156 0 0	...	51 7 10	763 6 9	...	...	...	763 6 9	...	763 6 9	2,397	0 5 1
54		Vizagapatam	...	...	...	2	...	...	...	360 0 0	...	403 6 9	330 12 11	...	...	...	330 12 11	...	330 12 11	1,464	0 3 7
55		Vizianagrum	...	...	...	1	...	...	...	231 7 1	...	99 5 10	258 10 0	...	...	...	258 10 0	...	258 10 0	1,578	0 2 6
56		Wálajápet	...	...	...	1	...	...	...	190 8 0	...	68 2 0	247 0 8	...	...	...	247 0 8	...	247 0 8	459	0 8 7
		Total of Municipalities ...	...	1	4	51	47	12	16	19,388 2 6	264 14 6	13,126 9 5	32,779 10 5	...	...	...	32,779 10 5	...	32,779 10 5	110,867	0 4 10
1	Military Cantonments.	Bangalore	...	...	...	1	1	...	...	336 0 0	...	13 14 0	349 14 0	349 14 0	...	...	...	...	349 14 0	746	0 7 6
2		Secunderabad	...	...	1	1	2	1	2	1,189 1 3	243 3 5	324 14 4	1,757 3 0	1,757 3 0	...	...	...	...	1,757 3 0	2,283	0 12 4
		Total ...	...	...	1	2	3	1	2	1,525 1 3	243 3 5	338 12 4	2,107 1 0	2,107 1 0	...	...	...	...	2,107 1 0	3,029	0 11 2
		Grand Total ...	1	34	24	265	426	155	70	1,59,240 8 6	33,759 0 2	44,101 0 0	2,37,100 8 8	2,107 1 0	20,692 5 3	1,80,457 12 0	32,779 10 5	1,063 12 0	2,37,100 8 8	1,053,113	*0 3 7

* Inclusive of pay and allowances of the Inspector of Vaccination and Deputy Sanitary Commissioner.

B—DISPENSARY VACCINATION.

STATEMENT No. III *showing Dispensary Vaccination in the Madras Presidency during the official year* 1894-95.

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.	Primary vaccination.						Re-vaccination.				Percentage of successful cases.	
					Total.	Successful.			Unsuccessful.	Unknown.	Total.	Successful.	Unsuccessful.	Unknown.	Primary vaccination.	Re-vaccination.
						Under 1 year.	Above 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
Anantapur district.																
Anantapur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bukkapatnam ...	...	...	79	...	79	9	70	79	...	...	...	...	...	...	100·0	...
Dharmavaram ...	...	...	22	...	22	6	13	19	3	...	...	...	...	...	100·0	...
Gooty	...	...	50	...	50	1	49	50	...	...	...	...	...	...	100·0	...
Hindúpur	...	...	34	...	34	34	...	34	...	...	...	...	...	...	100·0	...
Kalyandrug	...	...	38	...	38	9	27	36	2	...	...	...	...	...	94·7	...
Madakasíra	...	...	34	...	32	11	17	28	4	...	2	...	2	...	87·5	...
Pamidy	...	...	6	...	5	2	3	5	...	...	1	...	1	...	100·0	...
Penukonda	...	...	21	...	21	10	11	21	...	..	...	...	...	...	100·0	...
Tadpatri	...	...	4	...	4	1	2	4	...	...	...	...	...	...	100·0	...
Uravakonda ...	...	...	15	...	13	5	8	13	...	...	2	...	2	...	100·0	...
Total ...	...	...	303	...	298	88	200	289	9	...	5	...	5	...	97·0	...
Bellary district.																
Ádóni	...	...	204	...	161	33	41	147	4	10	43	43	...	...	97·4	100·0
Alúr	...	...	27	...	23	6	14	20	1	2	4	2	2	...	95·2	50·0
Bellary	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brucepettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cowl Bazaar	...	...	40	...	40	36	...	36	4	...	...	...	...	...	90·0	...
Hospet	...	...	49	...	49	12	35	48	1	...	...	...	...	...	98·0	...
Hadagally	...	...	26	...	26	25	1	26	...	...	...	...	...	...	100·0	...
Harpanahalli	...	...	59	...	58	21	36	58	...	...	...	...	...	...	100·0	...
Helalagundi	...	...	8	...	8	2	6	8	...	...	1	...	1	...	100·0	...
Kanékallu	...	...	15	...	15	2	7	9	6	...	...	...	...	...	60·0	...
Kúdligi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kottur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kosigi	...	...	17	...	17	16	...	16	1	...	...	...	...	...	94·1	...
Kowtalam	...	...	15	...	15	5	10	15	...	...	...	...	...	...	100·0	...
Kumpli	...	...	26	...	26	6	18	24	2	...	...	...	...	...	92·3	...
Kurugódu	...	...	6	...	6	3	2	6	...	..	...	...	...	...	100·0	...
Mokah	...	...	15	...	15	2	10	12	1	2	...	...	...	...	92·3	...
Rayadrug	...	...	64	...	64	24	29	55	3	6	...	...	...	...	94·8	...
Sundúr	...	...	531	...	531	124	334	510	16	5	...	...	...	...	97·0	...
Siruguppa	...	...	92	...	86	44	28	72	12	2½	6	...	6	...	85·7	...
Yemmiganúr ...	...	...	26	...	26	23	3	26	...	...	...	...	...	...	100·0	...
Total ...	...	...	1,220	...	1,166	384	574	1,088	51	27	54	45	9	...	95·5	83·3
Chingleput district.																
Chingleput	...	...	117	...	96	15	67	92	4	...	21	3	17	1	95·8	15·0
Conjeeveram	...	...	100	...	86	59	18	78	8	...	14	10	1	3	90·7	90·9
Cheyur	...	...	302	...	302	33	131	300	2	...	...	...	...	...	99·3	...
Madurántakam ...	...	...	304	...	237	21	107	229	8	...	67	46	21	...	96·6	67·8
Nagalapuram ...	...	...	275	...	267	122	118	249	18	...	8	8	...	...	93·3	100·0
Ponnéri	...	...	173	...	110	58	43	110	...	...	63	49	12	2	100·0	80·3
Poonamallee	...	...	204	...	203	42	109	191	5	7	1	1	...	...	91·4	100·0
Pulicat	...	...	258	...	257	103	135	242	15	...	1	...	...	1	94·2	...
Saidapet	...	...	282	...	281	1	247	251	18	12	1	1	...	...	93·3	100·0
Sathiavedu	...	...	191	...	190	90	93	189	1	...	1	1	...	...	99·5	100·0
Sríperumbúdúr ...	...	...	296	...	215	109	92	209	5	1	81	62	19	...	97·7	76·5
Tiruppórúr	...	...	250	...	198	116	48	176	22	...	52	41	11	...	88·9	78·8
Tiruvallúr	...	...	255	...	234	89	64	177	57	...	21	8	9	4	75·7	47·1
Tiruvottyur	...	...	300	...	298	76	161	292	4	2	2	...	2	...	98·6	...
Utramarur	...	...	234	...	214	47	111	199	15	...	20	19	1	...	93·0	95·0
Total ...	...	...	3,541	...	3,188	981	1,544	2,984	182	22	353	249	93	11	94·3	72·8
Coimbatore district.																
Alanthorai	...	...	57	...	57	18	12	44	13	...	...	...	...	...	77·2	...
Aravakurchi	...	...	50	...	50	7	24	33	13	4	...	...	...	...	71·8	...
Bhaváni	...	...	75	...	74	22	21	44	23	7	1	1	...	...	65·7	100·0
Coimbatore main ...	...	...	13	...	7	2	5	7	...	...	6	6	...	...	100·0	100·0

B—DISPENSARY VACCINATION.

STATEMENT No. III *showing Dispensary Vaccination in the Madras Presidency during the official year* 1894-95—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.	Primary vaccination.						Re-vaccination.				Percentage of successful cases.	
					Total.	Successful.			Unsuccessful.	Unknown.	Total.	Successful.	Unsuccessful.	Unknown.	Primary vaccination.	Re-vaccination.
						Under 1 year.	Above 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
Coimbatore district —cont.																
Coimbatore women and children. ...	...	...	67	...	55	34	9	55	...	...	12	12	...	...	100·0	100·0
Dhárápuram	...	...	25	...	25	1	17	24	1	...	...	...	...	...	96·0	...
Erode	...	...	60	...	54	20	30	50	4	...	6	5	1	...	92·6	83·3
Gopichettipalayam ...	...	...	165	...	165	75	82	163	2	...	...	...	...	...	98·8	...
Hanur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karúr	...	...	49	...	47	12	28	43	4	...	2	1	1	...	91·5	50·0
Karúr for women ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kodumudí	...	...	129	...	115	22	59	98	15	2	14	13	1	...	86·7	92·9
Kollegal	...	...	53	...	53	34	7	41	11	1	...	...	...	...	78·8	...
Kangaya	...	...	79	...	77	5	48	71	3	3	2	1	1	...	95·8	50·0
Méttupálaiyam ...	...	...	59	...	59	14	32	56	3	...	...	...	...	...	94·9	...
Nerijupet	...	...	17	...	17	...	13	13	4	...	...	...	...	...	76·5	...
Palladam	...	...	126	...	120	24	62	90	29	1	6	1	1	4	75·6	50·0
Pollachi	...	...	64	...	51	7	30	39	7	5	13	8	5	...	84·8	61·5
Pollachi for women ...	...	...	49	...	49	9	31	41	8	...	...	...	...	...	83·7	...
Satyamangalam ...	...	...	103	...	101	...	14	62	24	15	2	...	...	2	72·1	...
Talanary	...	...	27	...	26	9	14	23	3	...	1	1	...	...	88·5	100·0
Tiruppúr	...	...	96	...	92	31	51	84	3	5	4	3	...	1	96·6	100·0
Udamalpet	...	...	41	...	31	4	19	28	3	...	10	8	2	...	90·3	80·0
Véttagáranpudúr ...	...	...	120	...	116	56	51	110	6	...	4	3	1	...	94·9	75·0
Total ...	...	...	1,524	...	1,441	406	659	1,219	179	43	83	63	13	7	87·2	82·9
Cuddapah district.																
Badvel	...	...	6	...	6	...	6	6	...	...	...	...	...	...	100·0	...
Chitvél	...	...	12	...	12	...	12	12	...	...	...	...	...	...	100·0	...
Cuddapah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammalamadugu ...	...	...	5	...	5	4	1	5	...	...	...	...	...	...	100·0	...
Kadiri	...	...	60	...	60	18	38	60	...	...	...	...	...	...	100·0	...
Madanapalle	...	...	9	...	8	1	5	7	...	1	1	...	...	1	87·5	...
Píléru	...	...	16	...	16	8	4	13	3	...	...	...	...	...	81·2	...
Pórumámilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Proddatur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulivendla	...	...	3	...	3	...	...	...	3	...	...	...	...	...	...	...
Rázampét	...	...	3	...	1	1	...	1	...	...	2	1	1	...	100·0	50·0
Ráyachóti	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Siddhout	...	...	6	...	3	...	...	3	...	...	3	1	...	2	100·0	33·3
Vaimpalli	...	...	11	...	7	1	2	4	3	...	4	1	3	...	57·1	25·0
Total ...	...	...	131	...	121	33	68	111	9	1	10	3	4	3	92·5	42·9
Ganjám district.																
Aska	...	...	79	...	71	...	22	45	18	8	8	5	2	1	71·4	71·4
Berhampur	...	...	7	...	7	...	6	7	...	...	...	...	...	...	100·0	...
Calingapatam ...	...	...	215	...	207	22	97	195	12	...	8	5	3	...	94·2	62·5
Chicacole	...	...	118	...	118	14	54	91	25	2	...	...	...	...	78·4	...
Ganjám	...	...	35	...	35	3	8	35	...	...	...	...	...	...	100·0	...
Garabanda	...	...	38	...	38	...	9	21	17	...	...	...	...	...	55·3	...
Gopalpur	...	...	42	...	36	4	18	29	4	3	6	2	4	...	87·9	33·3
Ichchhápuram ...	...	...	117	...	117	50	53	116	1	...	...	...	...	...	99·1	...
Parlákimedi	...	...	144	...	144	91	47	141	3	...	...	...	...	...	97·9	...
Purushottapur ...	...	...	268	...	268	14	154	216	27	25	...	...	...	...	88·9	...
Russellkonda ...	...	...	8	...	8	...	...	6	2	...	...	...	...	...	75·0	...
Sómpéta	...	...	83	...	83	10	48	66	17	...	...	...	...	...	79·5	...
Suradá	...	...	81	...	81	3	40	46	33	2	...	...	...	...	58·2	...
Tekkali	...	...	113	...	113	6	54	104	9	...	...	...	...	...	92·0	...
Udayagiri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Varanasi	...	...	126	...	126	23	45	83	43	...	...	...	...	...	65·9	...
Total ...	...	...	1,474	...	1,452	240	655	1,201	211	40	22	12	9	1	85·1	57·1

B—DISPENSARY VACCINATION.

STATEMENT No. III *showing Dispensary Vaccination in the Madras Presidency during the official year* 1894-95—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.	Primary vaccination.						Re-vaccination.				Percentage of successful cases.	
					Total.	Successful.			Unsuccessful.	Unknown.	Total.	Successful.	Unsuccessful.	Unknown.	Primary vaccination.	Re-vaccination.
						Under 1 year.	Above 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
Gódávari district.																
Achanta	...	...	67	...	67	...	30	49	18	...	...	...	...	...	73·1	...
Akévudu	...	...	57	...	57	9	17	33	24	...	...	...	...	...	57·9	...
Amalápuram ...	...	...	69	...	69	1	29	50	19	...	...	...	...	...	72·5	...
Bendamoorlanka ...	...	...	42	...	35	3	9	21	14	...	7	3	4	...	60·0	42·9
Bhadráchalam ...	...	...	38	...	13	4	7	13	...	...	25	13	6	6	100·0	68·4
Bhímavaram ...	...	...	109	...	109	10	60	88	21	...	...	...	...	...	80·7	...
Chintalapudi	...	...	50	...	50	2	22	36	13	1	...	...	...	...	73·5	...
Chodavaram	...	...	5	...	5	...	4	5	...	...	...	...	...	...	100·0	...
Coringa	...	...	22	...	17	1	9	12	5	...	5	...	5	...	70·6	...
Dowlaishweram ...	...	...	170	...	150	29	71	115	34	1	20	10	10	...	77·2	50·0
Ellore	...	...	157	...	157	30	104	150	7	...	...	...	...	...	95·5	...
Gokaram	...	...	62	...	62	5	27	35	27	...	...	...	...	...	56·5	...
Gollalamamidada ...	...	...	239	...	193	14	72	103	74	16	46	11	33	2	58·2	25·0
Kothapeta	...	...	99	...	87	5	35	65	21	1	12	6	6	...	75·6	50·0
Mandapeta	...	...	255	...	212	19	82	129	83	...	43	41	2	...	60·9	95·3
Mumidivaram ...	...	...	100	...	100	6	35	87	2	11	...	...	...	...	97·8	...
Narsapur	...	...	127	...	127	...	24	80	47	...	...	...	...	...	63·0	...
Peddápuram	...	...	125	...	125	15	75	95	30	...	...	...	...	...	76·0	...
Pittapóre	...	...	93	...	93	2	66	91	2	...	...	...	...	...	97·8	...
Polavaram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajahmundry ...	...	...	50	...	49	14	25	49	...	...	1	1	...	...	100·0	100·0
Rámachendrapuram ...	...	...	159	...	155	13	59	106	49	...	4	1	2	1	68·4	33·3
Rozole	...	...	94	...	87	1	30	76	11	...	7	7	...	...	87·4	100·0
Tadapallegudem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tállapúdi	...	...	115	...	115	3	62	79	36	...	...	...	...	...	68·7	...
Tanuku	...	...	104	...	104	17	44	82	13	9	...	...	...	...	86·3	...
Tuni	...	...	27	...	27	2	9	14	8	5	...	...	...	...	63·6	...
Yelesvaram	...	...	502	...	489	40	278	464	11	14	13	7	6	...	97·7	53·8
Total ...	...	...	2,937	...	2,754	245	1,285	2,127	569	58	183	100	74	9	78·9	57·5
Kistna district.																
Avinigedda	...	...	185	...	185	14	84	141	43	1	...	...	...	...	76·6	...
Bápatla	...	...	69	...	67	18	46	67	...	...	2	2	...	...	100·0	100·0
Bezwada	...	...	156	...	125	18	79	117	4	4	31	24	5	2	96·7	82·8
Chirála	...	...	175	...	174	11	141	169	5	...	1	1	...	...	97·1	100·0
Dáchépalle	...	...	79	...	65	28	27	57	5	3	14	7	7	...	91·9	50·0
Duggirala	...	...	16	...	16	7	...	7	9	...	...	...	...	...	43·8	...
Gudiváda	...	...	96	...	94	...	6	25	49	20	2	...	...	2	33·8	...
Guntúr	...	...	29	...	1	1	...	1	...	...	28	18	3	7	100·0	85·7
Jaggayyapéta ...	...	...	26	...	26	1	4	5	21	...	...	...	...	...	19·2	...
Karempoody	...	...	96	...	96	14	39	58	38	...	...	...	...	...	60·4	...
Kykalur	...	...	32	...	21	2	11	19	2	...	11	9	2	...	90·5	81·8
Masulipatam	...	...	112	...	77	19	41	68	7	2	11	9	2	...	90·6	75·0
Mylavaram	...	...	11	...	11	1	8	11	...	...	35	21	7	7	100·0	...
Nandigáma	...	...	95	...	93	7	49	68	25	...	...	...	...	...	73·1	...
Narasaraopet ...	...	...	47	...	46	15	28	45	1	...	2	...	2	...	97·8	100·0
Núzvid	...	...	132	...	129	29	88	128	1	...	1	1	...	...	97·8	66·7
Répalle	...	...	123	...	98	13	60	93	5	...	3	2	1	...	99·2	83·3
Sattenapalle	...	...	147	...	142	49	80	134	6	2	25	20	4	1	94·9	100·0
Tenali	...	...	59	...	47	2	16	40	5	2	5	5	...	...	95·7	8·3
Tiruvur	...	...	162	...	162	16	104	137	25	...	12	1	11	...	88·9	...
Tumercode	...	...	36	...	36	2	20	24	12	...	...	...	...	...	84·6	...
Vinukonda	...	...	135	...	128	28	83	118	10	...	7	3	4	...	66·7	42·9
Total ...	...	...	2,018	...	1,839	295	994	1,532	273	34	179	114	46	19	92·2	71·3
Kurnool district.																
Átmakúr	...	...	148	...	114	15	38	80	26	8	34	22	11	1	84·9	66·7
Chagalmurri	...	...	176	...	97	30	34	80	17	...	79	47	32	...	75·5	59·5
Cumbum	...	...	75	...	75	8	28	56	12	7	...	...	...	...	82·5	...
															82·4	...

B—DISPENSARY VACCINATION.

STATEMENT No. III *showing Dispensary Vaccination in the Madras Presidency during the official year* 1894-95—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.	Primary Vaccination.						Re-vaccination.				Percentage of successful cases.	
					Total.	Successful.			Unsuccessful.	Unknown.	Total.	Successful.	Unsuccessful.	Unknown.	Primary vaccination.	Re-vaccination.
						Under 1 year.	Above 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
Kurnool district —cont.																
Dhone	...	...	13	...	13	8	4	12	1	...	...	...	...	...	92·3	...
Giddalore	...	...	68	...	68	2	6	19	49	...	...	...	...	...	27·9	...
Kálava	...	...	16	...	4	...	2	2	1	1	12	10	1	1	66·7	90·9
Kodamur	...	...	65	...	58	3	25	33	17	8	7	2	...	5	66·0	100·0
Koilkuntla	...	...	94	...	84	...	70	70	...	14	10	10	...	...	100·0	100·0
Kurnool	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Markapur	...	...	101	...	101	9	32	44	56	1	...	...	...	...	44·0	...
Madikera	...	...	86	...	86	13	33	52	34	...	...	...	...	...	60·5	...
Nandyál	...	...	117	...	48	6	18	33	14	1	69	13	47	9	70·2	21·7
Nandikotkur ...	...	...	42	...	37	28	4	33	2	2	5	4	1	...	94·3	80·0
Owk	...	...	207	...	207	82	65	147	38	22	...	...	...	...	79·5	...
Pattikonda	...	...	114	...	103	11	44	77	26	...	11	6	5	...	74·8	54·5
Sirvel	...	...	43	...	43	2	20	34	9	...	...	...	...	...	79·1	...
Velgode	...	...	66	...	66	...	2	11	49	6	...	...	...	...	16·7	...
Yerragondapoliam ...	...	...	72	...	38	...	...	...	38	...	34	...	34	...	...	...
Total ...	...	...	1503	...	1242	217	425	783	389	70	261	114	131	16	66·8	46·5
Madras town.																
Black Town, North Side	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospital for Women & Children, Madras ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Native Infirmary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Triplicane dispensary.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura district.																
Ándipati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aruppukóttai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bódináyakkanur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	92·9	...
Butlagundoo	...	...	14	...	14	7	6	13	1	...	...	...	...	...	...	...
Dévakottai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kamudi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Káraikkudi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kílakarai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kodaikánal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	68·6	...
Konnivadi	...	...	33	...	33	8	11	19	9	5	...	...	...	...	...	...
Madura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. Branch dispensary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	100·0	...
Mánámadurai ...	...	...	8	...	8	...	8	8	...	...	...	...	...	...	...	...
Mélúr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mudukulattúr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nilakkóttai ...	...	...	14	...	14	9	5	14	...	...	...	...	...	...	100·0	...
Nuthum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pámban	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paramagudi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Periyakulam	...	...	52	...	38	25	11	38	...	...	14	11	3	...	100·0	78·6
Periyár	...	...	33	...	33	4	20	28	5	...	...	...	...	...	84·8	...
Rámésvaram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ramnad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sáptúr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shólavandán	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sivaganga	...	...	76	...	72	8	47	65	5	2	4	2	2	...	92·9	50·0
Thandikudi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tirumangalam ...	...	...	22	...	22	7	15	22	...	...	...	...	...	...	100·0	...
Tiruppattúr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tiruppuvanam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tiruchuli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tiruvádánai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

B—DISPENSARY VACCINATION.

STATEMENT No. III *showing Dispensary Vaccination in the Madras Presidency during the official year* 1894–95—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.	Primary vaccination.						Re-vaccination.				Percentage of successful cases.	
					Total.	Successful.					Total.	Successful.	Unsuccessful.	Unknown.	Primary vaccination.	Re-vaccination.
						Under 1 year.	Above 1 and under 6 years.	Total of all ages.	Unsuccessful.	Unknown.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Madura district —cont.																
Usilampatti	...	...	19	...	19	7	7	14	2	3	...	...	...	...	86·5	...
Uttamappálaiyam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Védasándúr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Virupakshi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	271	...	253	75	130	221	22	10	18	13	5	...	90·9	72·2
Malabar district.													*			
Álattúr	...	...	22	...	22	...	...	20	2	...	...	...	...	...	90·9	...
Angadipuram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badagara	...	...	50	...	50	...	...	35	4	11	...	...	...	...	89·7	...
Calicut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cannanore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chowghaut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cochin *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Káttaparamba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kollangót	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manantoddy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manjéri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Minicoy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nadapuram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nilambúr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palghat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. Branch ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palliport Lazareth ...	...	...	25	...	25	...	...	25	...	...	...	...	...	...	100·0	...
Ponnáni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quilandi	...	...	10	...	10	...	...	8	1	1	...	...	...	...	88·9	...
Sultan's Battery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Talipparamba ...	...	...	47	...	47	...	11	45	1	1	...	...	...	...	97·8	...
Tamracheri ...	...	...	11	...	11	...	...	11	...	...	...	...	...	...	100·0	...
Tellicherry * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Triprayar	...	...	23	...	23	...	10	23	...	...	...	...	...	...	100·0	...
Vaniamcolam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vayittiri	...	...	6	...	6	...	...	5	1	...	...	...	...	...	83·3	...
Total ...	...	...	194	...	194	...	21	172	9	13	...	...	...	...	95·0	...
Nellore district.																
Addanki	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Allúr	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Átmakúr	...	...	20	...	20			18	2	...	...	...	...	...	90·0	...
Boochireddipoliam ...	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Darsi	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Gudur	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Kandukur	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Kalavayi	...	...	8	...	8			8	...	...	...	...	...	...	100·0	...
Kanigiri	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Kávali	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Kota	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Kottapatam	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Muthukur	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Náyudupét	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Nellore	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Do. Branch ...	...	...	5	...	5			5	...	...	...	...	...	...	100·0	...
Ongole	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Pamoor	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Podalakur	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Podili	...	...	...	...	...			...	...	...	...	...	...	...	...	...

Information not received.

* Return not received.

B—DISPENSARY VACCINATION.

STATEMENT No. III *showing Dispensary Vaccination in the Madras Presidency during the official year* 1894–95—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.	Primary vaccination.						Re-vaccination.				Percentage of successful cases.	
					Total.	Successful.					Total.	Successful.	Unsuccessful.	Unknown.	Primary vaccination.	Re-vaccination.
						Under 1 year.	Above 1 and under 6 years.	Total of all ages.	Unsuccessful.	Unknown.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Nellore district —cont.																
Rapur	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Singaroyakonda ...	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Sríharikóta	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Sullurpet	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Udayagiri	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Venkatagiri	...	...	...	...	...			...	...	...	...	...	...	...	...	...
Vinjamur	...	...	41	...	37	Information not received.		37	...	...	4	4	...	...	100·0	100·0
Total ...	...	...	74	...	70			68	2	...	4	4	...	...	97·1	100·0
Nilgiri district.																
Gúdalúr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lovedale	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ootacamund ...	...	...	14	...	12	7	5	12	...	...	2	2	...	...	100·0	100·0
Total ...	...	...	14	...	12	7	5	12	...	...	2	2	...	...	100·0	100·0
North Arcot district.																
Ambúr...	...	...	14	...	12	5	7	12	...	...	2	...	2	...	100·0	...
Arcot	...	...	105	...	105	26	62	105	...	...	...	...	...	...	100·0	...
Arni	...	...	66	...	65	5	25	58	7	...	1	1	...	...	89·2	100·0
Arkonam	...	...	23	...	23	5	14	23	...	...	...	...	...	...	100·0	...
Chittoor	...	...	19	...	19	6	10	19	...	...	...	...	...	...	100·0	...
Gudiyáttam	...	...	17	...	17	10	7	17	...	...	...	...	...	...	100·0	...
Kálahasti	...	...	8	...	8	1	7	8	...	...	...	...	...	...	100·0	...
Kuppam	...	...	9	...	9	...	7	9	...	...	...	...	...	...	100·0	...
Polur	...	...	16	...	16	3	7	11	5	...	...	...	...	...	68·8	...
Palmanér	...	...	51	...	45	5	39	45	...	...	6	6	...	...	100·0	100·0
Punganúr	...	...	57	...	53	23	25	53	...	...	4	3	1	...	100·0	75·0
Puttúr	...	...	20	...	20	2	17	20	...	...	...	...	...	...	100·0	100·0
Ranipet	...	...	30	...	30	2	23	28	...	2	...	...	...	...	100·0	...
Sholinghur	...	...	55	...	50	5	13	21	29	...	5	3	2	...	42·0	60·0
Tirupati	...	...	42	...	42	8	17	36	1	5	...	...	...	...	97·3	...
Tiruvattur	...	...	12	...	12	1	8	10	2	...	...	...	...	...	83·3	...
Vellore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Venkatagirikotah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wálajápet	...	...	7	...	7	2	5	7	...	...	...	...	...	...	100·0	...
Wandiwash	...	...	10	...	10	...	10	10	...	...	...	...	...	...	100·0	...
Total ...	...	...	561	...	543	109	303	492	44	7	18	13	5	...	91·8	72·2
Salem district.																
Atúr	...	...	64	...	57	29	18	51	6	...	7	7	...	...	89·5	100·0
Alangayam	...	...	102	...	95	31	40	84	11	...	7	6	1	...	88·4	85·7
Ammápet	...	...	7	...	7	...	3	4	3	...	...	...	...	...	57·1	...
Dhankankotah ...	...	...	70	...	70	27	36	64	6	...	...	...	...	...	91·4	...
Dharmapuri	...	...	130	...	124	16	96	119	6	...	6	5	1	...	95·2	83·3
Harúr	...	...	63	...	63	12	42	60	3	...	...	...	...	...	95·2	...
Hosur	...	...	67	...	61	17	39	58	3	...	6	4	2	...	95·1	66·7
Krishnagiri	...	...	50	...	50	37	11	50	...	...	...	...	...	...	100·0	...
Námakkal	...	...	16	...	16	1	12	15	1	...	...	...	...	...	93·8	...
Omalúr	...	...	61	...	57	22	26	49	8	...	4	4	...	...	85·0	100·0
Pálakódu	...	...	55	...	55	7	40	51	4	...	...	...	...	...	92·7	...
Pennagaram	...	...	48	...	40	5	13	23	9	8	8	3	4	1	71·9	42·9
Razipur	...	...	188	...	188	38	85	134	37	17	...	...	...	...	78·4	...
Salem	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sankaridrug	...	...	60	...	44	3	26	30	5	9	16	8	7	1	85·7	53·3
Sendamangalam ...	...	...	52	...	52	4	24	45	4	3	...	...	...	...	91·8	...

B—DISPENSARY VACCINATION.

STATEMENT No. III *showing Dispensary Vaccination in the Madras Presidency during the official year* 1894–95—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.	Primary vaccination.						Re-vaccination.				Percentage of successful cases.	
					Total.	Successful.			Unsuccessful.	Unknown.	Total.	Successful.	Unsuccessful.	Unknown.	Primary vaccination.	Re-vaccination.
						Under 1 year.	Above 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
Salem district—cont.																
Thalli	...	...	50	...	49	23	18	46	...	3	1	...	1	...	100·0	...
Thamamputti ...	...	...	115	...	115	19	68	93	14	8	...	...	...	...	86·9	...
Tiruchengód ...	...	...	51	...	40	3	7	22	7	11	11	6	2	3	75·9	75·0
Tiruppattúr ...	...	...	40	...	34	32	1	33	1	...	6	6	...	...	97·1	100·0
Úttangarai ...	...	...	18	...	18	...	11	16	1	1	...	...	...	...	94·1	...
Vániyambádi ...	...	...	48	...	48	14	32	47	1	...	...	...	...	...	97·9	...
Yercaud	...	...	84	...	82	41	35	82	...	...	2	2	...	...	100·0	100·0
Total ...	...	...	1,439	...	1,365	381	680	1,175	130	60	74	51	18	5	90·0	73·9
South Arcot district.																
Chengam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chidambaram ...	...	...	11	...	11	2	2	11	...	...	...	...	...	...	100·0	...
Gingee	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kallakurchi ...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	100·0
Kurinchippádi ...	...	...	...	...	...	...	...	...	...	...	4	2	...	2	...	...
Mannárgudi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Markanam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellikuppam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Town, Cuddalore.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Town, do. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panruti	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Porto Novo ...	...	...	7	...	7	...	...	...	...	...	1	...	...	1	...	...
Sankarápuram ...	...	...	...	...	...	...	...	1	6	...	...	...	...	...	14·3	...
Srimushnam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tindivanam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tirukkóylúr ...	...	...	25	...	18	...	8	13	4	1	7	2	3	2	76·5	40·0
Tiruppáppuliyúr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tiruvannámalai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tittagudi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ulundúrpéttai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vanoor	...	...	10	...	5	...	...	3	...	2	5	1	...	4	100·0	100·0
Villupuram ...	...	...	4	...	4	2	2	4	...	...	...	...	...	...	100·0	...
Vriddhachalam ...	...	...	6	...	6	1	2	6	...	...	...	...	...	...	100·0	...
Vattavalam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	68	...	51	5	14	38	10	3	17	5	3	9	79·2	62·5
South Canara district.																
Amindivi	...	...	32	...	32	...	5	5	27	...	...	...	...	...	15·6	...
Bantvál	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Beltangudy ...	...	...	15	...	15	1	3	7	6	2	...	...	...	...	53·9	...
Hebri	...	...	54	...	38	1	11	26	7	5	16	4	8	4	78·8	33·3
Hosdrug	...	...	64	...	49	...	...	41	6	2	15	8	2	5	87·2	80·0
Kárkal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kasaragod	...	...	39	...	39	...	...	...	39	...	...	...	...	...	...	...
Kollúru	...	...	5	...	4	...	2	2	...	2	1	...	...	1	100·0	83·3
Kundapur	...	...	13	...	7	...	...	...	5	2	6	5	1	...	...	...
Mangalore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manjeswar	...	...	38	...	36	2	15	26	9	1	2	1	1	...	74·3	50·0
Moolki	...	...	21	...	19	5	9	14	...	5	2	1	1	...	100·0	50·0
Mádabidri	...	...	3	...	3	...	3	3	...	...	...	...	...	...	100·0	...
Puttur	...	...	36	...	18	1	7	13	4	1	18	10	2	6	76·5	83·3
Shenkarnaram ...	...	...	9	...	7	...	...	...	5	2	2	2	...	...	...	100·0
Sullia	...	...	19	...	18	...	4	5	10	3	1	...	1	...	33·3	...
Udipi	...	...	57	...	35	7	19	27	7	1	22	17	3	2	79·4	85·0
Uppinangady ...	...	...	18	...	18	6	5	14	...	4	...	...	...	...	100·0	...
Total ...	...	...	423	...	338	23	83	183	125	30	85	48	19	18	59·4	71·6

B—DISPENSARY VACCINATION.

STATEMENT No. III *showing Dispensary Vaccination in the Madras Presidency during the official year* 1894–95—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.	Primary vaccination.						Re-vaccination.				Percentage of successful cases.	
					Total.	Successful.			Unsuccessful.	Unknown.	Total.	Successful.	Unsuccessful.	Unknown.	Primary vaccination.	Re-vaccination.
						Under 1 year.	Above 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
Tanjore district.																
Arantángi	...	...	172	...	169	8	97	116	32	21	3	3	...	...	78·4	100·0
Adirámpatnam ...	...	...	163	...	162	14	116	151	7	4	1	...	1	...	95·6	...
Avadaiyárkóil ...	...	...	107	...	107	11	66	105	1	1	...	...	...	...	99·0	...
Ayyampéttai ...	...	...	176	...	176	21	118	149	27	...	...	...	...	...	85·0	...
Gandarakotai ...	...	...	149	...	136	23	76	119	14	3	13	12	1	...	89·5	92·3
Karathattangudi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kodavassal	...	...	252	...	191	33	132	191	...	...	61	51	10	...	100·0	83·6
Kumbakónam ...	...	...	126	...	97	15	61	81	16	...	29	23	6	...	83·5	79·3
Do. Branch.	...	...	70	...	68	13	39	65	3	...	2	2	...	...	92·6	100·0
Kuttanallur	...	...	134	...	134	1	90	105	6	23	...	...	...	...	94·6	...
Manamalkudi ...	...	...	11	...	11	...	6	6	5	...	...	...	...	...	54·5	...
Manamboochavidy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mannárgudi	...	...	124	...	77	11	37	66	5	6	47	42	3	2	93·0	93·3
Madukur	...	...	141	...	141	4	120	141	...	...	...	...	...	...	100·0	...
Máyavaram	...	...	44	...	40	25	15	40	...	...	4	4	...	...	100·0	100·0
Minpassal	...	...	163	...	125	...	44	86	19	20	38	32	6	...	81·9	84·2
Muttupet	...	...	123	...	123	8	65	105	1	17	...	...	...	...	99·1	...
Nagore Branch ...	...	...	70	...	70	6	52	60	3	7	...	...	...	...	95·2	...
Nannilam	...	...	148	...	140	17	90	140	...	...	8	8	...	...	100·0	100·0
Negapatam	...	...	59	...	59	...	...	19	...	40	...	...	...	...	100·0	...
Nídámangalam ...	...	...	147	...	144	3	110	125	16	3	3	...	3	...	88·7	...
Orthanád	...	...	174	...	141	14	86	125	13	3	33	26	7	...	92·7	78·8
Pápanásam	...	...	180	...	180	4	125	170	10	...	...	...	...	...	94·4	...
Pattukkóttai ...	...	...	152	...	152	8	101	132	20	...	...	...	...	...	86·8	...
Porayar	...	...	98	...	95	12	57	88	7	...	3	...	3	...	92·6	...
Rajah Mirasidar Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shiyali	...	...	160	...	116	4	82	103	13	...	44	44	...	...	88·8	100·0
Tirukkáttuppalli ...	...	...	101	...	100	20	74	99	1	...	1	...	1	...	99·0	...
Tirutturaippúndi ...	...	...	248	...	244	52	138	203	16	25	4	...	4	...	92·7	...
Tiruvadamarud ...	...	...	236	...	236	30	178	233	3	...	...	...	...	...	98·7	...
Tiruvádi	...	...	113	...	113	8	69	110	2	1	...	...	...	...	98·2	...
Tiruválúr	...	...	162	...	158	2	117	154	4	...	4	4	...	...	97·5	100·0
Tranquebar Branch	...	...	82	...	82	4	44	81	1	...	...	...	...	...	98·8	...
Vadarniem	...	...	202	...	202	17	114	167	31	4	...	...	...	...	84·3	...
Valangyman	...	...	101	...	100	...	90	100	...	...	1	...	1	...	100·0	...
Vallam	...	...	192	...	189	32	143	188	1	...	3	3	...	...	99·5	100·0
Velangulam ...	...	...	107	...	96	7	42	72	17	7	11	8	3	...	80·9	72·7
Total ...	...	...	4,687	...	4,374	407	2,794	3,895	294	185	313	262	49	2	93·0	84·2
Tinnevelly district.																
Ambásamudram ...	...	...	101	...	93		...	72	16	5	8	...	8	...	81·8	...
Edyengoody ...	...	...	73	...	73		...	66	7	...	...	...	...	...	90·4	...
Ettyapuram	...	...	84	...	84		...	65	11	8	...	...	...	...	85·5	...
Megnanapuram ...	...	...	38	...	38		...	20	11	7	...	...	...	...	64·5	...
Mala Viraragavapuram	...	...	61	...	49		...	46	3	...	12	1	11	...	93·9	8·3
Nágalápuram ...	...	...	22	...	19		...	15	2	2	3	2	1	...	88·2	66·7
Nángunéri	...	...	34	...	30		...	23	1	6	4	2	2	...	95·2	50·0
Nazareth	...	...	15	...	7		...	3	...	4	8	2	...	6	100·0	100·0
Ottapidáram	...	...	119	...	119		...	107	12	...	...	...	...	...	89·9	...
Palamcottah	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...
Rádhápuram	...	...	33	...	33		...	24	9	...	...	...	...	...	72·7	...
Sankaranayinárkóyil.	...	...	106	...	92		...	69	12	11	14	11	3	...	85·2	78·6
Sáttúr	...	...	237	...	224		...	182	26	16	13	4	4	5	87·5	50·0
Sawyerpuram	...	...	62	...	55		...	49	6	...	7	6	1	...	89·1	85·7
Shérmádévi	...	...	144	...	117		...	93	10	14	27	17	7	3	90·3	70·8
Sivagiri	...	...	20	...	19		...	16	...	3	1	1	...	...	100·0	100·0
Sivakási	...	...	16	...	16		...	4	12	...	...	...	...	...	25·0	...
Srívaikuntam	...	...	167	...	137		...	127	2	8	30	23	5	2	98·4	82·1
Srivilliputtúr	...	...	250	...	215		...	201	4	10	35	21	9	5	98·0	70·0
Tenkási	...	...	71	...	71		...	58	6	7	...	...	...	...	90·6	...
Tinnevelly	...	...	70	...	70		...	53	4	13	...	...	...	...	93·0	...
Tirukarangudy ...	...	...	77	...	77		...	29	27	21	...	...	...	...	51·8	...

Information not received.

B—DISPENSARY VACCINATION.

STATEMENT No. III *showing Dispensary Vaccination in the Madras Presidency during the official year* 1894-95—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.	Primary vaccination.						Re-vaccination.				Percentage of successful cases.	
					Total.	Successful.			Unsuccessful.	Unknown.	Total.	Successful.	Unsuccessful.	Unknown.	Primary vaccination.	Re-vaccination.
						Under 1 year.	Above 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
Tinnevelly district—cont.																
Trichendur	...	...	109	...	108		...	95	9	4	1	...	...	1	91·3	...
Tuticorin	...	...	119	...	109		...	108	1	...	10	9	...	1	99·1	90·0
Virakeralampudur ...	...	...	101	...	101		...	65	28	8	...	...	...	...	69·9	...
Virudupatti	...	...	116	...	107		...	94	11	2	9	7	2	...	89·5	77·8
Total ...	...	...	2,245	...	2,063	...	...	1,684	230	149	182	106	53	23	88·0	66·6
Trichinopoly district.																
Ariyalúr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erungalore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Iluppúr	...	...	43	...	42	10	27	42	...	...	1	...	1	...	100·0	...
Kulittalai	...	...	24	...	24	2	16	24	...	...	...	...	...	...	100·0	...
Lalgudy	...	...	35	...	34	...	15	31	3	...	1	...	1	...	91·2	...
Manappárai	...	...	15	...	11	5	6	11	...	...	4	...	4	...	100·0	...
Musiri	...	...	35	...	35	1	29	32	3	...	...	...	...	...	91·4	...
Perambalúr	...	...	65	...	65	...	14	49	9	7	...	...	...	...	84·5	...
Srírangam	...	...	44	...	44	28	14	43	1	...	...	...	...	...	97·7	...
Trichinopoly ...	...	...	10	...	10	1	9	10	...	...	...	...	...	...	100·0	...
Turaiyúr	...	...	119	...	118	7	67	87	31	...	1	1	...	...	73·7	100·0
Tuvarankurichi ...	...	...	14	...	14	3	8	13	1	...	...	...	...	...	92·9	...
Udaiyárpálaiyam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oriyur Jubilee Dispensary	...	...	94	...	94	19	66	92	2	...	...	...	...	...	97·9	...
Total ...	...	...	498	...	491	76	271	434	50	7	7	1	6	...	89·7	14·3
Vizagapatam district.																
Anakápalle	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bimlipatam	...	...	44	...	16	6	6	16	...	...	28	23	...	5	100·0	100·0
Bissimcottah ...	...	...	25	...	25	3	12	25	...	...	...	...	...	...	100·0	...
Bobbili	...	...	77	...	72	6	33	68	4	...	5	2	2	1	94·4	50·0
Chípurupalle	...	...	14	...	12	1	7	12	...	...	2	2	...	...	100·0	100·0
Chódavaram	...	...	25	...	25	7	9	24	1	...	...	...	...	...	96·0	...
Gajapatinagaram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gunapur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jami	...	...	181	...	181	25	98	169	9	3	...	...	...	...	94·9	...
Jeypore	...	...	40	...	40	...	8	35	5	...	...	...	...	...	87·5	...
Nakkapalli	...	...	33	...	19	...	2	5	13	1	14	...	14	...	27·8	...
Narsapatnam	...	...	81	...	74	35	25	69	5	...	7	...	...	7	93·2	...
Nowrangapur * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palkonda	...	...	40	...	33	3	22	29	...	4	7	4	...	3	100·0	100·0
Pandur	...	...	18	...	17	1	7	12	2	3	1	1	...	...	85·7	100·0
Parvatipur	...	...	149	...	149	34	84	137	12	...	...	...	...	...	91·9	...
Razagada	...	...	32	...	32	...	3	32	...	...	...	...	...	...	100·0	...
Razam	...	...	50	...	50	...	31	50	...	...	...	...	...	...	100·0	...
Sálúr	...	...	226	...	226	57	79	191	20	15	...	...	...	...	90·5	...
Srungavarapukota ...	...	...	69	...	25	15	8	23	2	...	44	41	3	...	92·0	93·2
Veeraghattam ...	...	...	44	...	44	5	35	44	...	...	...	...	...	...	100·0	...
Vizagapatam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Waltair	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yellamanchili ...	...	...	137	...	120	20	46	94	26	...	17	9	8	...	78·3	52·9
Total ...	...	...	1,285	...	1,160	218	515	1,035	99	26	125	82	27	16	91·3	75·2
Grand Total ...	...	...	26,410	...	24,415	4,183	11,215	20,663	2,887	785	1,995	1,287	569	139	87·4	69·3

* Return not received.

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

Establishment.	Persons primarily vaccinated.										Number successfully vaccinated.									
	1885.		1886.		1887–88.		1888–89.		1889–90.		1885.		1886.		1887–88.		1888–89.		1889–90.	
	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.
Government vaccinators ...	9,970	9,701	8,511	8,204	9,741	9,479	17,092	16,210	28,257	27,227	9,701	9,479	8,204	7,741	17,092	16,210	28,257	27,227	17,820	16,684
Local Fund do. ...	608,729	579,261	584,711	557,732	618,588	590,853	670,318	643,761	708,653	680,355	579,261	557,732	590,853	618,588	670,318	643,761	708,653	680,355	743,467	706,117
Cantonment do. ...	2,462	2,295	2,850	2,677	3,375	3,293	4,316	3,912	3,341	3,255	2,295	2,677	2,850	3,375	4,316	3,912	3,341	3,255	3,681	3,343
Native States do. ...	4,082	3,915	4,429	4,216	4,042	3,885	2,270	2,160	5,254	5,069	3,915	4,216	4,429	4,042	2,270	2,160	5,254	5,069	6,388	6,017
Municipalities	92,946	87,968	70,065	65,614	71,710	67,405	81,566	77,180	81,442	76,215	87,968	65,614	70,065	71,710	81,566	77,180	81,442	76,215	91,167	85,008
Dispensaries	22,834	18,793	16,790	13,954	13,736	11,506	18,283	15,603	26,870	23,363	18,793	13,954	16,790	13,736	11,506	15,603	26,870	23,363	38,888	33,162
Medical subordinates ...	7,549	4,594	6,720	3,677	3,033	1,630	2,517	1,517	3,077	1,793	4,594	3,677	6,720	3,033	1,630	1,517	3,077	1,793	4,758	2,727
Total ...	748,572	706,527	694,076	656,074	724,225	688,051	796,362	760,343	856,894	817,307	706,527	656,074	694,076	724,225	688,051	760,343	856,894	817,307	906,119	853,058

Establishment.	Number successfully vaccinated.									
	1891–92.		1892–93.		1893–94.		1894–95.			
	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.		
Government vaccinators ...	16,375	14,906	15,088	13,823	15,667	14,015	18,780	16,717		
Local Fund do. ...	820,195	768,616	932,209	885,648	948,275	897,051	956,040	874,099		
Cantonment do. ...	3,253	2,998	5,206	4,806	3,713	3,407	2,727	2,525		
Native States do. ...	6,628	6,430	6,860	6,496	6,359	5,536	5,778	4,904		
Municipalities	100,830	95,898	106,864	100,613	102,267	98,150	105,576	101,209		
Dispensaries	45,531	36,104	35,958	30,292	26,541	23,079	24,415	20,663		
Medical subordinates ...	3,804	2,724	4,882	3,827	2,586	1,943	3,505	2,980		
Total ...	996,274	927,719	1,106,517	1,049,505	1,105,408	1,043,181	1,116,820	1,023,097		

STATEMENT No. V *showing particulars of Vaccination verified by Inspecting Officers.*

Districts.	Total number of persons vaccinated.	Total number inspected		Percentage of inspection to total number vaccinated		Percentage of cases found successful to total number inspected		Percentage of success reported by Vaccinators.
		By Deputy Sanitary Commissioner or Civil Surgeons.	By Native Superintendents or other Inspecting Officers.	By Deputy Sanitary Commissioner or Civil Surgeons.	By Native Superintendents or other Inspecting Officers.	By Deputy Sanitary Commissioner or Civil Surgeons.	By Native Superintendents or other Inspecting Officers.	
Anantapur	29,056	2,323	12,028	11·6	50·3	93·9	84·9	94·6
Bellary	33,285	1,303	16,145	3·9	48·5	71·1	92·3	94·4
Chinglepnt	47,171	*	25,153	*	53·3	*	95·1	95·9
Coimbatore	75,190	1,991	37,581	2·6	50·0	57·4	89·9	78·5
Cuddapah	† 39,667	36	23,930	0·09	60·3	97·2	96·6	97·1
Ganjám	35,760	857	22,690	2·4	63·5	84·2	71·0	60·9
Gódávari	58,195	1,994	41,141	3·4	70·7	71·4	92·1	93·3
Kistna	71,292	7,028	38,750	9·9	54·4	88·5	91·5	93·1
Kurnool	24,655	2,054	12,323	8·3	50·0	80·2	77·2	82·6
Madura	88,516	3,005	46,158	3·4	52·1	97·1	82·0	93·2
Malabar	69,735	1,639	26,470	2·4	37·9	93·8	94·4	93·8
Nellore	34,502	895	19,420	2·6	56 3	87·5	86·1	86·7
Nilgiris	4,616	865	...	18·7	...	99·1	...	97·1
North Arcot	49,097	4,073	28,925	8·3	58·9	97·8	94·9	96·5
Salem	83,751	1,652	39,609	2·0	47·3	99·1	88·5	93·5
South Arcot	75,561	1,499	40,313	2·0	53·4	99·7	97·9	97·4
South Canara	37,815	1,100	17,394	2·9	46·0	97·2	81·5	64·4
Tanjore	70,449	*	32,963	*	46·8	*	95·5	92·5
Tinnevelly	90,143	2,150	54,310	2·4	60·2	84·9	92·0	92·3
Trichinopoly	48,315	2,454	18,201	5·1	37·7	97·1	98·3	96·9
Vizagapatam	Information not received.							
Total ...	1,068,771	36,918	553,504	3·9	51·8	76·7	91·5	93·4

* No record kept.

† Shows the work of Local Fund Vaccinators alone.

Vaccination Report
1894-95.

No. 1035/V

OFFICE OF SANITARY COMMISSIONER,
Fort St. George, 1st July 1895.

From

SURGEON LIEUT.-COL. W. G. KING, M.B., C.M., D.P.H.,
SANITARY COMMISSIONER FOR MADRAS,

To

THE Chief Secretary to Government,
Local & Municipal Department,
Fort Saint George.

Enclosures (6).

SIR,

I have the honor to forward 6 stitched copies of the Report on Vaccination for 1894/95.

2. Diagrams are inserted in one of the copies now submitted. They are now being photo-Zincographed and will appear in the bound copies.

I have the honor to be,
Sir,
Your most obedient Servant
W G King
Surgeon Lieut-Col.
Sanitary Commissioner for Madras.

Local & Municipal Dept.

CURRENT No. 1828 L

From,

Surg. Lt. Col. W. G. King M.B.C.M. D.P.H.
Sanitary Commissioner
for Madras

To,

The Chief Secretary to Govt.
Local & Municipal Dept.
Fort St. George

Dated 1st } July 1895
Desp.
Recd 2 JUL. 95

No. 1035/V

Encls (6)

Subject

Forwards 6 stitched copies of the Vaccination Report for 1894-95.

Despatcher

Please send 2 copies of the report to the Secy. of State and 2 to the Govt. of India Home Deptt in advance.
* Issued 3/7/95
N.L. 3/7

Despd 3/7/95

[1,500—27-3-94.]

Cur No 1828 L

18

Order

With his letter read above, the Sanitary Commissioner forwards the report of the Acting Inspector of Vaccination and Deputy Sanitary Commissioner on the working of the vaccination Department during the year 1894-95.

Work done by the several agencies

2. The following statement shows the total number of operations performed by the several agencies in each of the last five years and the average cost of each successful case:—

Vaccine agency	Number of operations performed				
	1890-91	1891-92	1892-93	1893-94	1894-95
(a) Govt. vaccinators in hill tracts	17,901	16,501	15,142	15,805	18,960
(b) Local Fund Vaccinators	781,430	860,301	967,991	992,390	1,009,994
(c) Municipal Vaccinators	99,058	110,590	114,953	113,837	118,135
(d) Cantonment staffs	3,862	3,585	6,089	5,489	3,739
(e) Dispensary staffs	42,683	47,352	38,341	28,513	26,410
(f) Medical Subordinates	9,223	8,463	15,142	16,439	15,870
(g) Zamindari Vaccinators	6,403	6,628	6,883	6,359	5,814
Total	960,560	1,053,420	1,164,541	1,178,832	1,198,922
Average Cost.	Rs A P .. 3 7	Rs A P .. 3 7	Rs A P .. 3 5	Rs A P .. 3 5	Rs A P .. 3 5

~~There was an increase of~~

The total number of operations performed

during the year showed an increase over the figure for 1893-94 of 20,090 or 1.7 per cent, but the average cost of a successful case remained the same as in the last two years. This is apparently due to the fall in the ratio of successful the cause of which is only partly explained in para 10. of There was an improvement in the number of operations performed by the first three of the agencies specified above, but in the case of the others there was a continued decline. In the case of classes (e) & (f) this is, no doubt, due to the fact that vaccination by them has been made discretionary, but the short work in the other cantonments & zemindaries has not been explained. The omission should be supplied should the decline continue.

Revaccination advanced but slowly, & there w^d^ appear to be a danger of a generation of imperfectly protected adults arising among whom an Epidemic might occur.

Verification by Deputy Inspectors

3. The number of cases verified by the Deputy Inspectors, which up to 1893-94 exhibited a steady advance from year to year, declined from 634,399 to 608,706, but no explanation for this has been offered. Ten of the Deputy Inspectors — not eight as stated in para 18 of the report — failed to check 50 per cent of the cases in their ranges and it is stated that explanations from them have been called for. The Deputy Inspectors of Cuddalore and Paramagudi headed the list with a record of 23,643 and 21,290 cases respectively, or about seventy cases per diem excluding ... days. This, if the figures are accurate, is satisfactory. The Inspector of Vaccination made a special tour in the Malabar District and found that the reports of verifications made by the Deputy Inspectors, low as the percentages were, were in many cases untrustworthy.

It is hoped that adequate notice of the conduct of these men has been taken. These special tours promise to be of great value to the Dept., & should if possible be undertaken every year.

Infantile vaccination

4. Excluding the figures relating to the Cantonments of Bangalore and Secunderabad, the total number of operations performed during the year was 33.5 per mille of the population against 32.9 in the previous year. ... and the number of children under one year successfully vaccinated was 296,016 against 240,123, being 31.7 per cent of the registered births of the year ... against 25.6 in 1893-94.

The latter figure w^d^. seem to show th. the opposition of parents referred to in para 6. of last year's report ... was not the only cause of the decrease in this direction in that year.

These results show that the objection on the part of parents, alluded to in para 6 of the previous year's report as accounting for the decline in infantile vaccination in that year, can be overcome by sustained efforts on the part of the vaccine ... under

9)

~~gency~~. Infantile vaccination ~~con-~~
~~tinued to be~~ was again neglected in the districts
of Ganjam South Canara and Malabar
and in the Municipality of Tanjore,
~~The local bodies concerned should lose no time in improving matters in this direction.~~ The best results, ~~on the other hand~~ were obtained in the districts of Madura, Coimbatore, and ~~Chingleput and Bellary~~ and in the Municipalities of Coonoor, Ootacamund, Bimlipatam and Negapatam. ~~and Walajapet~~ The advance made in the district of Madura, where 67.5 per cent of the children born during the year ~~were~~ are reported to have been successfully protected ~~from small pox~~ against 8.4 in the previous year, ~~must be regarded as~~

634.

ditable to the officers concerned,

~~but the fact that while in 1893-94 only 3,378 out of 87,918 persons successfully vaccinated were under one year of age, no less than 28,267 infants were vaccinated in 1894-95 out of a total number of 73,266~~ ~~appears to leave~~ makes the ~~statistics very much open to doubt. The President~~

21,290

per

Depd 3/7/95

and in the current year the Dept. devote special attention to these localities.

~~Special attention should be paid to this point in these places by the Dept. in the current year.~~

~~if the figures are reliable~~.

(Office, I don't quite see this. Special attention may have been given to infantile vaccn. to the exclusion of other operations.)

Agency Tracts

The work in Ganjam has at length shewn an improvement and ~~which~~ the local officers ~~should endeavour to~~ see that it is sustained. The attention of the Collector of Vizagapatam will be drawn to the ~~decrease~~ falling off in Jeypore.

Local Fund areas

Anantapur	– 423
Chingleput	– 548
Ganjam	– 3,436
Madura	– 11,546
Malabar	– 6,323
North Arcot	– 7,418
South Canara	– 3,114
Tinnevelly	– 3,851
Trichinopoly	– 6,643

~~President of the District Board will be requested to report on the point.~~

5. The work done by the Government vaccinators in the Agency tracts of Ganjam, Vizagapatam and Godavari taken as a whole showed a further increase, the total ~~number of vaccinations having been~~ operations numbering 18,960 against 15,805 in 1893-94 and 15,142 in 1892-93. ~~and the average number of operations performed by each vaccinator rose, in consequence, from 608 to 948. If the individual tracts are taken into consideration~~, The number of operations in Ganjam rose from 4,247 to 7,196, while in Jeypore (Vizagapatam) there was a decline from 4204 to 3,734, which should engage the Collector's attention.

6. There was an increase of 17,104 in the number of operations performed in Local Fund areas taken as a whole and the average out-turn of ~~work~~ cases by each vaccinator rose from 1,495 to 1,528; ~~On the other hand there was a decline, however~~ but in the nine districts noted in the margin there was a decline. ~~the decrease occurring for two years in succession~~ In Ganjam, North Arcot and South Canara this has occurred for two years in succession. ~~These~~ 9

~~this has occurred for two years in succession localities appear to require special attn~~

year under

retrogression in Madura and North Arcot ~~was~~ is particularly noticeable and ~~was~~ unsatisfactory. ~~The~~ The explanations in para 10. of the report offered for these ~~bad~~ poor results in them ~~in para 10 of the report, cannot be accepted as adequate as the Causes which are stated~~ to have contributed to the smaller outturn of work are for the most part, ~~preventible~~. The Presidents of the District Boards concerned should endeavour to secure better results in ~~the current year~~.

All three districts appear to require special attention from the Dept. & the Prests of the Local Boards concerned, for the show that the causes of them were for the most part ~~cases~~ preventible.

Sixteen districts exhibiting less satisfactory results than in the year previous, & the total ratio of success falling from 96.1 per cent. to 92.7

There was, on the other hand, a large increase in the number of ~~cases~~ operations performed in the districts of Coimbatore (11,042) Salem (8,935) and Kistna (8,026). The average outturn of work for each vaccinator was, as in the previous year, highest Trichinopoly (2,660), ~~while in~~ and Tinnevelly and Vizagapatam ~~it was~~ come next with 2,233 and 2,183 cases, respectively. The only other districts in which the average was ~~showed~~ more than 1,500 cases for each vaccinator were South Arcot, Madura, Coimbatore, Chingleput, Salem and Kistna, and ~~in the remaining districts, the average was more than a thousand, except~~ in Ganjam, ~~where~~ it was ~~only~~ as low as 771. The quality

~~These figures cannot be~~ ~~Consi~~ Though the average work of the vaccinators has ~~improved~~ advanced of late years it is not yet up to the standard attained in other administrations & the Govt. of opinion that ~~by improved~~ it is still capable of considerable ~~adva~~ improvement. The point is deserving of special attention.

... to reduce the cost to a ...

quality of the work done ~~on as~~ showed a general retrogression, ~~only 92.7 per cent of the ... having been successful against ... per cent in 1893-94.~~ South Arcot too on the other hand, ~~did~~ showed ~~first with~~ a ratio of 98.8 per cent. Tinnevelly, Bellary, North Arcot, and Nilgiris followed next with 98.1, 97.9, 97.5 and 97.4 respectively. ~~On the other hand, the percentage of success~~ The percentage of success ~~this~~ was very low in South Canara (66.2) ~~Ganjam (77.7)~~ Coimbatore (80.3) Ganjam (77.7) and Kurnool (84.8), and this is said to be due in the first two ~~The poor results in South Canara and Coimbatore are attributed~~ cases to the bad quality of the glycerinized lymph and paste supplied and in the last ~~Kurnool~~ to its deterioration owing to excessive heat. ~~Steps should be taken to improve the quality of the lymph and paste used in the first two districts and to conduct vaccination direct from the calf in the third.~~ The decline in Ganjam & in the other districts has not been explained. The average cost of each successful case, which was As 3-1 in 1893-94, rose by one pie in the year under ~~against 97~~ and the cost of each

per

1,290

Despd 3/7/95

[1,500—27-3-94.]

retrogression in Madura and North Arcot ie

Cuddapah, Godavari, Kurnool, Nellore and North Arcot. In all these districts, excepting Godavari and North Arcot, this ~~same~~ point ~~was the case~~ was noticed in the previous year also. The District Boards concerned will be again urged to endeavour ~~should lose no time in taking steps~~ to reduce these high rates. ~~It is not creditable that notwithstanding~~ ~~in spite of the remark in para 5 of G. O. of 26th July 1894 No 1385 L, the Cost should have exhibited an increase in the districts of Anantapur and Ganjam~~

but the cost in Anantapur & Ganjam has nevertheless increased instead of declining

The reduction of Cost in the Nilgiris from As 8.2 to As 4-1 ~~is satisfactory and was the result of~~ which is due to a large increase (from 2,414 to 4,124) in the number of successful operations, is satisfactory. The work done in the different districts will be more fully noticed in reviewing the administration reports of the District Boards ~~Concerned~~

Municipalities

7. Vaccination was compulsory in all the Municipalities[x] in the presidency, including the city of Madras, and the number of operations performed by ... ~~when~~ it was ~~only~~ 771. The quality per ... 21,290

x Excepting Srivillipattur which began work only in the latter half of the year and which is not included in the list of Municipalities in the Vaccination Report

(2870)

in Calicut and Karur ... the cost to a ... ~~which 7,1... and 843 cases~~ persons 17 ~~respectively, were vaccinated against 4,324 and 289 in 18..~~ In ~~21 districts~~ twenty one municipalities, however, — not nineteen as in para 12 of the report — there was retrogression, which was most marked in Cuddalore, Madura and Tanjore and it is to be regretted that in eight of ~~them, namely~~ these — Chidambaram, Cocanada, Dindigul, Mangalore, Mannargudi, Nellore, Palni and Tinnevelly — ~~there was~~ has been ~~a falling off~~ this has occurred for two years in succession. ~~No explanation has been offered for this state of matters and, in the absence of any, it must be presumed to be due to inattention on the part of the Councils concerned to this branch of the administration.~~ The special attention of the Dept. and of these councils ~~concerned~~ is ~~therefore~~ drawn to the ~~subject~~ matter and the Government trusts that there will be an improvement in the current ~~and ensuing~~ year. The ~~proportion~~ proportion of infants successfully vaccinated ~~protected from small pox~~ to the registered births of the year ... rose ... successful cases (27.9 ~~against 27.9~~) and the cost of each

Off ce!

Depd 3/7/95

to retrogression in

is
compared very favourably with that
of Local Fund areas, where the percentage
was ~~so low as~~ only 27·3. The average
outturn of work for each vaccinator
in ~~Municipalities~~ was, however, 1,064 against
1,528 in Local Fund areas and exceeded
1000 cases in only 28 towns. It was
highest in Bezwada (1,960) and Rajahmundry, Tinnevelly, Calicut, Vizianagram
Madura, Vizagapatam and Salem
followed next with more than 1500
cases each, ~~while the outturn was very~~ and
~~low~~ but in Tiruppattur (373), Ongole (431)
Vániyambádi (445), Anantapur (466)
it was very low.
and Tirupati (496). The average cost
of each successful case was As 4-10
against As 5-1 in the previous year,
but it compared unfavourably with that
in Local Fund areas, where it was only
As 3-2. It varied from As 12-2 in
Tirupati to A 1-7 in Calicut and
exceeded As 8 in Anantapur, Dindigul,
Kurnool and Walajapet. ~~The rate was~~
~~high in~~ all these towns, except Walajapet,

number of operations performed by
...njam, ~~where~~ it was only 771. The
21,290
quality
per

[1,500—27-3-94.]

Dep 3/7/95

Here again there appears to be room
for considerable advance. The excuse
of ~~absence~~ want of cases for vaccination which
is sometimes urged ~~for~~ to explain short
work cannot be considered valid as
long as re-vaccination is in its present
backward condition.

The same point was noticed in the
case of

for

and the Councils concerned
will be once more requested
to endeavour to reduce these
high rates.

—And the attention of the Sanitary
Commissioner & the Surg. General will
be invited to para 2. of the order
referred to.

should be taken to reduce the cost to a
reasonable figure has not been ~~of no avail~~ attended to.
The Councils concerned should make every
endeavour, at least in the current year, to
~~reduce the present unduly high rates.~~
During the year under ~~report~~ review, a scheme
for regulating the action of Municipal
Chairmen in ~~regard to the~~ enforc~~ement of~~ing
the compulsory provisions of the District
Municipalities Act relating to vaccination was sanctioned by Government (G.O.
dt 19th October 1894 No 1502 M), but it is
~~to be regretted~~ noticed with displeasure that the ~~Chairmen of the~~ monthly returns
prescribed in that order have not been ~~received at~~ forwarded
~~Municipal Councils of~~ Cuddalore, Cud-
~~all of~~ to the Inspector of Vaccination from ~~the towns of~~
dapah, Madura, Máyavaram, Palni ~~and~~
or Tellicherry. ~~did not at all submit to~~
~~the Inspector of Vaccination the monthly~~
~~returns prescribed in the G. O above~~
~~referred to.~~ The Chairmen of the Municipal Councils ~~concerned~~
of these towns will be requested to explain ~~why the~~ the omission
~~returns referred to have not been sub-~~
~~mitted~~. The total number of operations performed in the City of Madras was
24,725 against 23,644 in 1893-94, the
percentage of successful cases the same (97·9)
~~against 97·9~~ and the cost of each

~~gency.~~ Infantile vaccination

such case As 6 against As 6-6. Infantile vaccination also made some progress, 77.9 per Cent of the Children born during the year having been successfully protected ~~from small-pox~~ against 72.1 per Cent in the previous year. The work done in the several Municipalities will, as usual, be more fully noticed in the reviews of their administration reports.

Animal vaccination

8. The total number of operations performed with animal lymph was 1,164,150 or 97.1 per Cent of the total number of all operations against 1,077,580 and 91.4 per Cent respectively in the previous year. ~~The percentage of Success was, however, low, being 92.5 against 95.4, a result which was chiefly due to the large number of persons vaccinated with lymph preserved with glycerine.~~ Human lymph was still ~~partially~~ ~~used~~ employed to some extent in the districts of Ganjam, Godavari, Nellore and Vizagapatam. No further time should be lost in making arrangements ~~for its absolute~~ ~~the complete prohibition. of vaccination~~ ~~by this human lymph~~. The percentage

~~fell from 95.2 to 89.7 but this has~~ ~~important~~ noticeable decline ~~not been explained.~~

~~with lymph preserved with glycerine ~~was low~~ As this lymph was used in a much larger number of cases than in the year previous, the general ratio fell from 95.4 to 92.5. ~~It has not however been explained why the percentage of success with glycerine has fallen from~~~~

~~that will entirely obviate the necessity for its n[...] avoiding~~

The percentage of Success ~~continued~~ was again highest in the case of Calf-to-arm vaccination. As will be seen from the following table:—

	Number vaccinated	Number of Successful Cases	Percentage of Success
Calf-to-arm vaccination	1893-4. 516.800 1894-5. 378.955	491.270 363,448	97.0 97.4
Vaccination with lymph preserved in glass tubes or plates	1893-4. 186.458 94-5 142.899	172.335 132,536	94.7 94.1
Vaccination with lymph preserved with glycerine	1893-4. 375.322 94-5 642,296	343.729 558,009	93.7 89.2
Total { 1893-4 1894-5	1.077.580 1,164,150	1.007.334 1,053,993	95.4 92.5

Mortality from small-pox

The noticeable decline from 93.7 to 89.2 per cent. in the ~~percentage~~ ratio of success obtained with lymph preserved with glycerine has not been explained. As this lymph was used in a very ~~Con~~ ~~much~~ larger ~~num~~ proportion of the cases operated upon, the general percentage also fell ~~has fallen~~ ~~to an extent which is regrettably~~ ~~much to be regretted~~. from 95.4 to 92.5. This is a considerable ~~serious~~ decline & the Govt. trusts that better results may be obtained in the current year.

~~The special attention of the officers of the~~ Vaccination Dept. ~~the localities in question~~ should be directed to those localities which are low in the scale

9. ~~It~~ is satisfactory ~~to note~~ that ~~there were~~ only 7,369 deaths from small-pox were reported during the year against 20,579 in 1893-94. The diagrams appended to para 25 of the report, ~~however~~, show that the progress made by vaccination ~~considerably~~ very considerably varied in the different districts and municipalities in the presidency. Thus ~~the~~ in ~~district of~~ Tinnevelly District ~~leads the list with~~ 3200 persons ~~vaccinated for~~ in every 10,000 of the population were vaccinated, while in Godavari the number was only 1700. In Municipal areas, again ~~on the other hand~~, the number of persons protected ~~from small-pox, for~~ in every 10,000 of the population varied from 6300 in Coonoor to 2100 in Tirupati.

Dep'd 3/7/95

[1,500—27-3-94.]

From these diagrams it further appears that in many instances the rate of mortality from small pox varied inversely with the proportion which the number of persons vaccinated bore to the total population, while in the others such connection was not established owing apparently to the defective registration of vital statistics and to the neglect of infantile vaccination.

10 The report received from the Sanitary Commissioner on the subject of the reorganization of the vaccination department and referred to in para 8 of G.O. of 26th July 1894 No 1385 L. is still under the consideration of Government.

VR 13/7/95 WC 20.7.95

Endorsement &c.

Copy to the Govt of India, Home Deptt.

The rates of mortality do not in all cases (in the diagrams) invariably vary inversely with the ~~degree to which the population has been vaccinated~~ proportion which the number of persons vaccinated bears to the total population, but this may be due to a number of independent factors such as defective registration of vital statistics, the neglect of infantile as distinguished from other vaccination. In the case of the four municipalities of Pattukkottai, Cochin, Calicut & Palghat in Malabar District ~~exceptions from the rule~~ ~~are to be cases in point, & here~~ the high mortality is probably due to the insufficient protection of the rural tracts round them. The work in these tracts appears (as shown in the diagrams relating to Districts) both from the Dep. San. Commr's Inspection notes printed in G.O. dated 8.6.95 No 990-L. & from the present report to require immediate & thorough scrutiny & the Pres. of the District Board & the San Commr. will be requested to report upon what steps should be taken to improve matters.

To
The Sanitary Commissioner
" Surgeon General
" Sanitary Board
" Sanitary Engineer
" Public Department.
" Judicial Department
" Revenue Department
" Lieut.-General Commanding the Forces Madras.
All Collectors
" Presidents of Dt. Hds
" Chairmen of Munl Councils
The President Munl Commr Madras
" Director of Public Instruction
" Accountant General
Editors Table

Review of the Vaccination Report for 1894-95.

VE

Press

Please set this in type & send 3 copies of proof on broad sheets by the first messenger tomorrow.

J.R.

22/7/95

Note

This will be put in type, as usual, before it is sent up to the C.S., as soon as it is passed and returned by the C.S. It is due with the Govt of India on the 1st August/95.

J.R. 12/7/95

Only Hd. Clk.

This is already late, and I think if it could be type-written here this wd. do as well as printing it & wd. save several days. Can you please arrange to have this done?

J.R. 20.7.95

Put into type. Can ... as soon as possible

Despd. 3/7/95

... 480 and 476.00 ... in the ... on para. 11 of the report show the ...

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read Current No 1828 L from the Sanitary Commissioner.

ORDER—dated July 1895, No. L., Local and Municipal.

With his letter read above, the Sanitary Commissioner forwards the report of the Acting Inspector of Vaccination and Deputy Sanitary Commissioner on the working of the Vaccination Department during the year 1894–95.

2. *Work done by the several agencies.*—The following statement shows the total number of operations performed by the several agencies in each of the last five years and the average cost of each successful case :—

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(*a*) Government Vaccinators in Hill Tracts ..	17,901	16,501	15,142	15,805	18,960
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Average cost ..	AS. P. 3 7	AS. P. 3 7	AS. P. 3 5	AS. P. 3 5	AS. P. 3 5

The total number of operations performed during the year showed an increase of 20,090 or 1·7 per cent. over the figure for 1893–94, but the average cost of a successful case remained the same as in the last two years. This is apparently due to the fall in the ratio of success, ~~The cause of which is only partly explained in paragraph 10 of the report~~. Re-vaccination advanced but slowly; ~~and there would appear to be a danger of generation of imperfectly protected adults arising, among whom an epidemic might occur~~. There was an improvement in the number of operations performed by the first three of the agencies specified above, but in the case of the others there was a decline. In the case of classes (*e*) and (*f*) this is no doubt due to the fact that vaccination by them has been made discretionary; but the short work in cantonments and zamindaris has not been explained. The omission should be supplied in future should the decline continue.

3. *Verification by Deputy Inspectors.*—The number of cases verified by the Deputy Inspectors, which up to 1893–94 exhibited a steady advance from year to year, declined from 634,399 to 608,706, but no explanation for this has been offered. Ten of the Deputy Inspectors—not eight as stated in paragraph 18 of the report—failed to check 50 per cent. of the cases in their ranges ~~and~~ it is stated that explanation ~~from them~~ have been called for. The Deputy Inspectors of Cuddalore and Paramagudi headed the list with a record of 23,643 and 21,290 cases, respectively, or about seventy cases per diem excluding Sundays. This, if the figures are accurate, is satisfactory. The Inspector of Vaccination made a special tour in the Malabar district and found that the reports of verifications made by the Deputy Inspectors, low as the percentages were, were in many cases untrustworthy. It is hoped that adequate notice of the conduct of these men has been taken. These special tours promise to be of great value ~~to the department~~ and should, if possible, be undertaken every year.

4. *Infantile vaccination.*—Excluding the figures relating to the cantonments of Bangalore and Secunderabad, the total number of operations performed during the year was 33·5 per mille of the population against 32·9 in the previous year, and the number of children under one year successfully vaccinated was 296,016 against 240,123, being 31·7 per cent. of the registered births of the year against 25·6 in 1893–94. The latter figure would seem to show that the opposition of parents referred to in paragraph 6 of last year's report was not the only cause of the decrease in this direction in that year. Infantile vaccination was again neglected in the districts of Ganjám, South Canara and Malabar, and in the municipality of Tanjore, and in the current year the department should devote special attention to these localities. The best results were obtained in the districts of Madura and Coimbatore, and in the municipalities of Coonoor, Ootacamund, Bimlipatam and Negapatam. The advance made in the district of Madura, where 67·5 per cent. of the children born during the year are reported to have been successfully protected against 8·4 in the previous year, is creditable to the officers concerned.

5. *Agency tracts.*—The work done by the Government vaccinators in the Agency tracts of Ganjám, Vizagapatam and Gódávari, taken as a whole, showed a further increase, the total operations numbering 18,960 against 15,805 in 1893–94 and 15,142 in 1892–93. The work in Ganjám has at length shown an improvement and the local officers should see that it is sustained. The attention of the Collector of Vizagapatam will be drawn to the falling off in Jeypore.

6. *Local Fund areas.*—There was an increase of 17,604 in the number of operations performed in local fund areas taken as a whole, and the average outturn of cases by each vaccinator rose from 1,495 to 1,528, but in the nine districts noted in the margin there was a decline. In Ganjám, North Arcot and South Canara this has occurred for two years in succession, and the retrogression in Madura and North Arcot is particularly noticeable and unsatisfactory. All these districts appear to require special attention from the department and the Presidents of the local boards concerned, for the explanations offered in paragraph 10 of the report, for the poor results in them show that the causes of them were, for the most part, preventible. There was, on the other hand, a large increase in the number of operations performed in the districts of Coimbatore (11,042), Salem (8,935), and Kistna (8,026). The average outturn of work for each vaccinator was, as in the previous year, highest in Trichinopoly (2,660), and Tinnevelly and Vizagapatam come next with 2,233 and 2,183 cases, respectively. The only other districts in which the average was more than 1,500 cases for each vaccinator were South Arcot, Madura, Coimbatore, Chingleput, Salem and Kistna; and in Ganjám it was as low as 771. Though the average work of the vaccinators has advanced of late years, it is not yet up to the standard attained in other administrations and the Government is of opinion that it is still capable of considerable improvement. The point is deserving of special attention. The quality of the work done showed a general retrogression, sixteen districts exhibiting less satisfactory results than in the year previous, and the total ratio of success falling from 96·1 per cent. to 92·7. The percentage of success was very low in South Canara (66·2), Coimbatore (80·3), Ganjám (77·7), and Kurnool (84·8), and this is said to be due in the first two cases to the bad quality of the glycerinized lymph and paste supplied, and in the last to its deterioration owing to excessive heat. The decline in Ganjám and in the other districts has not been explained. South Arcot, on the other hand, showed a ratio of 98·8 per cent., and Tinnevely, Bellary, North Arcot and Nilgiris followed next with 98·1, 97·9, 97·5 and 97·4, respectively. The average cost of each successful case, which was As. 3–1 in 1893–94, rose by one pie in the year under report. It varied from As. 5–9 in Ganjám to As. 2 in Salem and was more than As. 4 in Anantapur, Bellary, Cuddapah, Gódávari, Kurnool, Nellore and North Arcot. In all these districts, excepting Gódávari and North Arcot, this point was noticed in the previous year also, but the cost in Anantapur and Ganjám has nevertheless

Anantapur	— 423
Chingleput	— 548
Ganjám	— 3,436
Madura	— 11,546
Malabar	— 6,323
North Arcot	— 7,418
South Canara	— 3,114
Tinnevelly	— 3,851
Trichinopoly	— 6,643

increased instead of declining. The department and the district boards concerned will be again urged to endeavour to reduce these high rates. The reduction of cost in the Nilgiris from As. 8–2 to As. 4–1, which is due to a large increase (from 2,414 to 4,124) in the number of successful operations, is satisfactory. The work done in the different districts will be more fully noticed in reviewing the administration reports of the district boards.

7. *Municipalities.*—Vaccination was compulsory in all the municipalities in the Presidency including the city of Madras, and the number of operations performed by the municipal vaccinators showed an increase of 4,298 cases, the rise occurring chiefly in Calicut (2,870) and Karur (554). In twenty-one municipalities, however,—not nineteen as stated in paragraph 12 of the report—there was a retrogression, which was most marked in Cuddalore, Madura and Tanjore, and it is to be regretted that in eight of these—Chidambaram, Cocanada, Dindigul, Mangalore, Mannárgudi, Nellore, Palni and Tinnevelly—this has occurred for two years in succession. The special attention of the department and of these councils is drawn to the matter, and the Government trusts that there will be an improvement in the current year. The proportion to the registered births of the year of infants successfully vaccinated rose from 65·8 to 79 per cent., and in this respect the work done in municipalities compared very favourably with that in local fund areas, where the percentage was only 27·3. The average outturn of work for each vaccinator was, however, 1,064 against 1,528 in local fund areas and exceeded 1,000 cases in only 28 towns. It was highest in Bezwada (1,960) and Rajahmundry, Tinnevelly, Calicut, Vizianagram, Madura, Vizagapatam and Salem followed next with more than 1,500 cases each; but in Tiruppattúr (373), Ongole (431), Vániyambadi (445), Anantapur (466) and Tirupati (496), it was very low. Here again there appears to be room for considerable advance. The excuse of want of cases for vaccination, which is sometimes urged to explain short work, cannot be considered valid as long as revaccination is in its present backward condition. The average cost of each successful case was As. 4–10 against As. 5–1 in the previous year, but it compared unfavourably with that in local fund areas, where it was only As. 3–2. It varied from As. 12–2 in Tirupati to As. 1–7 in Calicut and exceeded As. 8 in Anantapur, Dindigul, Kurnool and Walajapet. The same point was noticed in the case of all these towns, except Walajapet in 1893–94 also, and the councils concerned will be once more requested to endeavour to reduce these high rates. During the year under review a scheme for regulating the action of municipal chairman in enforcing the compulsory provisions of the District Municipalities Act relating to vaccination was sanctioned by Government (G.O., dated 19th October 1894, No. 1502 M.), but it is noticed with displeasure that the monthly returns prescribed in that order have not been forwarded to the Inspector of Vaccination from Cuddalore, Cuddapah, Madura, Máyavaram, Palni or Tellicherry. The Chairmen of the Municipal Councils of these towns will be requested to explain the omission, and the attention of the Sanitary Commissioner and the Surgeon-General will be invited to paragraph 2 of the order referred to. The total number of operations performed in the city of Madras was 24,725 against 23,644 in 1893–94, the percentage of successful cases the same (97·9) and the cost of each such case As. 6 against As. 6–6. Infantile vaccination also made some progress, 77·9 per cent. of the children born during the year having been successfully protected against 72·1 per cent. in the previous year. The work done in the several municipalities will, as usual, be more fully noticed in the reviews of their administration reports.

8. *Animal Vaccination.*—The total number of operations performed with animal lymph was 1,164,150 or 97·1 per cent. of the total number of all operations against 1,077,580 and 91·4 per cent., respectively, in the previous year. As will be seen from the following table, the percentage of success was again highest in the case of calf-to-arm vaccination :—

		Number vaccinated.	Number of successful cases.	Percentage of success.
Calf-to-arm vaccination	1893–94	516,800	491,270	97·0
	1894–95	378,955	363,448	97·4
Vaccination with lymph preserved in glass tubes or plates.	1893–94	185,458	172,335	94·7
	1894–95	142,899	132,536	94·1
Vaccination with lymph preserved with glycerine	1893–94	375,322	343,729	93·7
	1894–95	642,296	558,009	89·2
Total	1893–94	1,077,580	1,007,334	95·4
	1894–95	1,164,150	1,053,993	92·5

The noticeable decline from 93·7 to 89·2 per cent. in the ratio of success obtained with lymph preserved with glycerine has not been explained, as this lymph was used in a very large proportion of the cases operated upon, and the general percentage also fell from 95·4 to 92·5. This is a considerable decline and the Government trusts that better results may be obtained in the current year.

9. *Mortality from small-pox.*—It is satisfactory that only 7,369 deaths from small-pox were reported during the year against 20,579 in 1893–94. The diagrams appended to paragraph 25 of the report show that the progress made by vaccination varied very considerably in the different districts and municipalities in the Presidency. Thus in Tinnevelly district 3,200 persons were vaccinated in every 10,000 of the population, while in Gódávari the number was only 1,700. In municipal areas again the number of persons protected in every 10,000 of the population varied from 6,300 in Coonoor to 2,100 in Tirupati. The special attention of the officers of the Vaccination Department should be directed to those localities which are low in the scale.

The rates of mortality in the diagrams do not in all cases vary inversely with the proportion which the number of persons vaccinated bears to the total population, but this may be due to a number of independent factors, such as defective registration of vital statistics and the neglect of infantile as distinguished from other vaccination. In the case of the four municipalities of Tellicherry, Cochin, Calicut and Palghat in Malabar district, the high mortality is probably due to the insufficient protection of the rural tracts round them shown in the diagram relating to districts. The work in these tracts appears both from the Deputy Sanitary Commissioner's inspection notes printed in G.O., dated 8th June 1895, No. 990 L., and from the present report to require immediate and thorough scrutiny, and the President of the District Board and the Sanitary Commissioner will be requested to report what steps should be taken to improve matters.

10. The report received from the Sanitary Commissioner on the subject of the reorganization of the Vaccination Department and referred to in paragraph 8 of G.O., dated 26th July 1894, No. 1385 L., is still under the consideration of Government.

~~(True Extract.)~~

~~Chief Secretary.~~

To the Sanitary Commissioner.
„ the Surgeon-General.
„ the Sanitary Board.
„ the Sanitary Engineer.
„ the Public Department.
„ the Judicial Department.
„ the Revenue Department.
„ the Lieutenant-General Commanding the Forces, Madras.
„ all Collectors.
„ all Presidents of District Boards.
„ all Chairmen of Municipal Councils.
„ the President, Municipal Commission, Madras.
„ the Director of Public Instruction.
„ the Accountant-General.
Editors' Table.

ENDORSEMENT—dated th July 1895, No. L., Local and Municipal.

Copy to the Government of India, Home Department.

~~Chief Secretary.~~

Review of the Vaccination
Report for 1894-95

18287

(Due with Govt. of India by August 1st.)

H.M
P.S

Resubmitted to H.M. with answers to his remarks upon the figures. The delay in resubmission is due to the proof being sent at once to Madras to be printed.

W. 6.8.95

Press
Please send proof in G.O. form tomorrow –
31/7

C 27/7.

[G / 25]
00—23-7-95.

DEPARTMENT.

C. No.

FOR ORDERS.

Note.

This paper was kept back under instructions from C.S. until H.M. was less busy. [illegible] 2.9.95

Seen
[illegible]
9/9/95

Answers are submitted to H.M.'s queries on the draft review of the vaccn. report.

Queries (1) (2) & (3) at top of page 2. of the draft.

Query (1) Appendix A., from which H.M. appears to have obtained the figure 32.78, does not include the 26.410 operations performed in dispensaries & shown on page 9. of the report. If this figure is added, the rate per mille will be 33.5 as in the draft.

Query (2). ~~H.M. appears to have~~ The figures 1.16.820 & 82.102 on page 1. of the report include, similarly, the operations in dispensaries, viz. 24.415 & 1995 respectively (vide page 9. of the report). Appendix A on pp. 28 & 29 excludes these.

The figures 533.986 and 476.008 in the table in para. 11. of the report show the

work done by L.F. vaccinators only, while the figures on p. 26 include that done by Govt. and Zamindari vaccinators.

Query 3.

The total number of successful operations taken by H.M. does not include the work done in Civil dispensaries & by medical subordinates — viz. 4666 cases. If these are included the rate will be 31.7 as in the draft.

* Instructions are solicited with reference to H.M's note on page 1. of the report as to Dr. King's confusion of Native States with Zamindaris, whether his mistake may be pointed out to him D.O.

H.M's surmise that he noticed the error last year is correct, but the remark did not appear in the review.

[illegible] 8.8.95

As H.M. [illegible] is busy I have settled this matter myself by writing D.O. to Dr. King. He has in the table in para 15 written under "native States" (Zemindaries)

[illegible] 10/8/95

Replies to H.M's queries on the vacc. report & draft order. —

FOR ORDERS.

H.M. /

[illegible]

Submitted in case that H.M. has time to look into it [illegible] 7/8/95

30 copies [illegible] Book [illegible] how many [illegible] 35 C without docket

1388, 1389

JULY 1895, No. L., LOCAL ALD MUNICIPAL.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read — the following paper:—
From the Sanitary Commissioner for Madras dated 1st July 1895 No. 1035/V

~~Read Current No. 1828 L., from the Sanitary Commissioner.~~

Abstract. Forwarding six stitched copies of the Vaccination Report for 1894-95.

ORDER—dated 8th Aug. ~~July~~ 1895, No. 1388 L., Local and Municipal.

With his letter read above, the Sanitary Commissioner forwards the report of the Acting Inspector of Vaccination and Deputy Sanitary Commissioner on the working of the Vaccination Department during the year 1894–95.

2. *Work done by the several agencies.*—The following statement shows the total number of operations performed by the several agencies in each of the last five years and the average cost of each successful case:—

Vaccine agency.	Number of operations performed. 1890–91.	1891–92.	1892–93.	1893–94.	1894–95.
(a) Government Vaccinators in Hill Tracts ..	17,901	16,501	15,142	15,805	18,960
(b) Local Fund Vaccinators	781,430	8,60,301	967,991	992,390	1,009,994
(c) Municipal Vaccinators	99,058	110,590	114,953	113,837	118,135
(d) Cantonment Staffs	3,862	3,585	6,089	5,489	3,739
(e) Dispensary	42,683	47,352	38,341	28,513	26,410
(f) Medical Subordinates	9,223	8,463	15,142	16,439	15,870
(g) Zamindari Vaccinators	6,403	6,628	6,883	6,359	5,814
Total ..	960,560	1,053,420	1,164,541	1,178,832	1,198,922
Average cost ...	AS. P. 3 7	AS. P. 3 7	AS. P. 3 5	AS. P. 3 5	AS. P. 3 5

The total number of operations performed during the year showed an increase of 20,090 or 1·7 per cent. over the figure for 1893–94, but the average cost of a successful case remained the same as in the last two years. This is apparently due to the fall in the ratio of success, arising probably, as it is very general, from more careful supervision and consequently more accurate returns. Re-vaccination advanced but slowly; it is to be hoped, however, that the efforts which the Sanitary Commissioner has made to impress upon local bodies the importance of this operation will lead to better results in the current year. It is presumed that in the districts in which a falling off in the number of vaccinations is attributed to failure or insufficiency of lymph supply, measures to remedy this defect have been taken. The attention of the Collector of Anantapur will be called in the Revenue Department to the remark in paragraph 10 of the report with reference to that district. There was an improvement in the number of operations performed by the first three of the agencies specified above, but in the case of the others there was a decline. In the case of classes (*e*) and (*f*) this is no doubt due to the fact that vaccination by them has been made discretionary; but the short work in cantonments and zamindaris has not been explained. The omission should be supplied in future should the decline continue.

3. *Verification by Deputy Inspectors.*—The number of cases verified by the Deputy Inspectors, which up to 1893–94 exhibited a steady advance from year to year, declined from 634,399 to 608,706, but no explanation for this has been offered. Ten of the Deputy Inspectors—not eight as stated in paragraph 18 of the report—failed to check 50 per cent. of the cases in their ranges. It is stated that explanations have been called for. The Deputy Inspectors of Cuddalore and Paramagudi headed the list with a record of 23,643 and 21,290 cases, respectively, or about seventy cases per diem excluding Sundays. This, if the figures are accurate, which seems very doubtful, is satisfactory. The Inspector of Vaccination made a special tour in the Malabar district and found that the reports of verifications made by the Deputy Inspectors, low as the percentages were, were in many cases absolutely untrustworthy. It is hoped that adequate notice of the conduct of these men has been taken. These special tours promise to be of great value in every way and should, if possible, be undertaken every year.

4. *Infantile vaccination.*—Excluding the figures relating to the cantonments of Bangalore and Secunderabad, the total number of operations reported to have been performed during the year was 33·5 per mille of the population against 32·9 in the previous year, and the number of children under one year reported to have been successfully vaccinated was 296,016 against 240,123, being 31·7 per cent. of the registered births of the year against 25·6 in 1893–94—a decided advance. The latter of the figures given above would seem to show that the opposition of parents referred to in paragraph 6 of last year's report was not the only cause of the decrease in this direction in that year. Infantile vaccination was again very unsatisfactory in the districts of Ganjám, South Canara and Malabar; for these districts there may be some excuse, but for Tanjore, which stands 18th on a list of 21 districts, and its headquarter town, which takes the last place out of 56 municipalities, there is none, and no attempt to explain the discreditable percentages shown against these has been made. The best results are reported to have been obtained in the districts of Madura and Coimbatore and in the municipalities of Coonoor, Ootacamund, Bimlipatam and Negapatam. The advance made in the district of Madura, where 67·5 per cent. of the children registered as having been born during the year are reported to have been successfully protected against 8·4 in the previous year, is creditable to the officers concerned. It is however to be remarked that the figures show that probably less than half the births which occurred in the district during the year were registered.

5. *Agency tracts.*—The work reported to have been done by the Government vaccinators in the Agency tracts of Ganjám, Vizagapatam and Gódávari, taken as a whole, showed a further increase, the total operations numbering 18,960 against 15,805 in 1893–94 and 15,142 in 1892–93. The work in Ganjám has at length shown an improvement and the local officers should see that it is sustained. The attention of the Collector of Vizagapatam will be drawn to the falling off in Jeypore.

6. *Local Fund areas.*—There was an increase of 17,604 in the number of operations performed in local fund areas taken as a whole, and the average outturn of cases per vaccinator rose from 1,495 to 1,528, but in the nine districts noted in the margin there was a decline. In Ganjám, North Arcot and South Canara this has occurred for two years in succession, and the retrogression in Madura and North Arcot is particularly noticeable and unsatisfactory. There is, on the other hand, a large increase reported in the number of operations performed in the districts of Coimbatore (11,042), Salem (8,935), and Kistna (8,026). The average reported outturn of work for each vaccinator was, as in the previous year, highest in Trichinopoly (2,660); Tinnevelly and Vizagapatam come next with 2,233 and 2,183 cases respectively. The only other districts in which the average was more than 1,500 cases per vaccinator were South Arcot, Madura, Coimbatore,

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Chingleput, Salem and Kistna; in Ganjám it was as low as 771. Though the average work of the vaccinators has advanced of late years, it is not yet up to the standard attained in other administrations and the Government is of opinion that it is still capable of considerable improvement. The quality of the work turned out showed a general fall, sixteen districts exhibiting lower figures than in the previous year, and the total ratio of success falling from 96·1 per cent. to 92·7 but this is possibly due to the cause indicated in paragraph 2 *supra*; if so, it is not altogether a matter for regret. The percentage of success was very low in South Canara (66·2), Coimbatore (80·3), Ganjám (77·7), and Kurnool (84·8). This is said to be due in the first two cases to the bad quality of the glycerinized lymph and paste supplied, and in the last to its deterioration owing to excessive heat. The decline in Ganjám and in the other districts has not been explained. South Arcot, on the other hand, show a ratio of 98·8 per cent., and Tinnevelly, Bellary, North Arcot and Nilgiris followed next with 98·1, 97·9, 97·5 and 97·4 respectively—very high figures, if correct. The average cost of each successful case, which was As. 3–1 in 1893–94, rose by one pie in the year under report. It varied from As. 5–9 in Ganjám to As. 2 in Salem and was more than As. 4 in Anantapur, Bellary, Cuddapah, Gódávari, Kurnool, Nellore and North Arcot. In all these districts, excepting Gódávari and North Arcot, this point was noticed in the review of the report for 1893–94, but the cost in Anantapur and Ganjám has nevertheless increased instead of declining. The department and the district boards concerned will be again urged to endeavour to reduce these high figures. The reduction of cost in the Nilgiris from As. 8–2 to As. 4–1, which is due to a large increase (from 2,414 to 4,124) in the number of successful operations, is satisfactory. The work done in the different districts will be more fully noticed when reviewing the administration reports of the district boards.

7. *Municipalities.*—Vaccination was compulsory in all the municipalities in the Presidency including the city of Madras, and the number of operations performed by the municipal vaccinators showed an increase of 4,298 cases, the rise occurring chiefly in Calicut (2,870) and Karur (554). In twenty-one municipalities, however,—not nineteen as stated in paragraph 12 of the report—there was a retrogression, which was most marked in Cuddalore, Madura and Tanjore, and it is to be regretted that in eight of these—Chidambaram, Cocanada, Dindigul, Mangalore, Mannárgudi, Nellore, Palni and Tinnevelly—this has occurred for two years in succession. The special attention of the department and of these Councils is drawn to the matter. The Government trusts that there will be an improvement in the current year. The proportion to the registered births of the year of infants successfully vaccinated rose from 65·8 to 79 per cent., and in this respect the work done in municipalities compared very favourably with that in local fund areas, where the percentage was only 27·3. The average outturn of work per vaccinator was, however, 1,064 against 1,528 in local fund areas and exceeded 1,000 cases in only 28 towns. It was highest in Bezwada (1,960) and Rajahmundry, Tinnevelly, Calicut, Vizianagram, Madura, Vizagapatam and Salem followed next with more than 1,500 cases each; but in Tiruppattúr (373), Ongole (431), Vániyambadi (445), Anantapur (466) and Tirupati (496), it was very low. Here again there appears to be room for considerable advance. The excuse of want of cases for vaccination, which is sometimes urged to explain short work, cannot be considered valid as long as primary vaccination is not complete, and as re-vaccination is in its present backward condition. The average cost of each successful case was As. 4–10 against As. 5–1 in the previous year, but it compared unfavourably with that in local fund areas, where it was only As. 3–2. It varied from As. 12–2 in Tirupati to As. 1–7 in Calicut and exceeded As. 8 in Anantapur, Dindigul, Kurnool and Walajapet. The same point was noticed in the case of all these towns, except Walajapet, in 1893–94 and the councils concerned will be once more requested to endeavour to reduce the cost per operation. During the year under review a scheme for regulating the action of Municipal Chairmen in enforcing the compulsory provisions of the District Municipalities Act relating to vaccination was sanctioned by Government (G.O., dated 19th October 1894, No. 1502 M.), but it is noticed with dissatisfaction that the monthly returns prescribed in that order have not been forwarded to the Inspector of Vaccination from Cuddalore, Cuddapah, Madura, Máyavaram, Palni or Tellicherry. The Chairmen of the Municipal Councils of these towns will be requested to explain the omission, and the attention of the

Sanitary Commissioner and the Surgeon-General will be invited to paragraph 2 of the order referred to. The total number of operations performed in the city of Madras was 24,725 against 23,644 in 1893–94, the percentage of reported successful cases the same (97·9), and the cost of each such case As. 6 against As. 6–6. Infantile vaccination also made some progress, 77·9 per cent. of the children born during the year having been successfully protected against 72·1 per cent. in that preceding it. The work done in the several municipalities will, as usual, be more fully noticed in the reviews of their administration reports.

8. *Vaccination with Animal Lymph*—The total number of operations performed with animal lymph was 1,164,150 or 97·1 per cent. of the total number of all operations against 1,077,580 and 91·4 per cent., respectively, in the previous year. As will be seen from the following table, the percentage of success was again highest in the case of calf-to-arm vaccination :—

		Number vaccinated.	Number of successful cases.	Percentage of success.
Calf-to-arm vaccination	1893–94	516,800	491,270	97·0
	1894–95	378,955	363,448	97·4
Vaccination with lymph preserved in glass tubes or plates.	1893–94	185,458	172,335	94·7
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Total	1893–94	1,077,580	1,007,334	95·4
	1894–95	1,164,150	1,053,993	92·5

The noticeable decline from 93·7 to 89·2 per cent. in the ratio of success obtained with lymph preserved with glycerine has not been explained. As this lymph was used in a very large proportion of the cases operated upon, the general percentage also fell from 95·4 to 92·5. This is a considerable decline and the Government trusts that better results may be obtained in the current year. Every effort should be made to discontinue the use of human lymph; that this should have still been employed in such districts as Ganjám, Gódávari and Negapatam, where there are hill tracts remote from centres from which lymph can be obtained, is capable of explanation; but this is not the case with Nellore where, if proper arrangements were made, there should have been no need to use lymph obtained from the human subject.

9. *Mortality from small-pox.*—It is satisfactory that only 7,369 deaths from small-pox were reported during the year against 20,579 in 1893–94. The diagrams appended to paragraph 25 of the report show that the progress made by vaccination varied very considerably in the different districts and municipalities in the Presidency. Thus in Tinnevelly district 3,200 persons were vaccinated in every 10,000 of the population, while in Gódávari the number was only 1,700. In municipal areas again the number of persons protected in every 10,000 of the population varied from 6,300 in Coonoor to 2,100 in Tirupati. The special attention of the officers of the Vaccination Department should be directed to those localities which are low in the scale.

The rates of mortality in the diagrams do not in all cases vary inversely with the proportion which the number of persons vaccinated bears to the total population, but this may be due to a number of independent factors, such as defective registration of vital statistics and the neglect of infantile as distinguished from other vaccination. In the case of the four municipalities of Tellicherry, Cochin, Calicut and Palghat in Malabar district, the high mortality is probably due to the fact that the rural tracts round them, as is evident from the diagram relating to districts, were insufficiently protected. The work in these tracts appears both from the Deputy Sanitary Commissioner's interesting inspection notes printed in G.O., dated 8th June 1895, No. 990 L., and from the present report to require immediate and thorough scrutiny, and the President of the District Board and the Sanitary Commissioner will be requested to report what steps should be taken to improve matters.

10. The report received from the Sanitary Commissioner on the subject of the reorganization of the Vaccination Department and referred to in paragraph 8 of G.O., dated 26th July 1894, No. 1385 L., is still under the consideration of Government.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Sanitary Commissioner.
" the Surgeon-General.
" the Sanitary Board.
" the Sanitary Engineer.
" the Public Department.
" the Judicial Department.
" the Revenue Department.
" the Lieutenant-General Commanding the Forces, Madras.
" all Collectors.
" all Presidents of District Boards.
" all Chairmen of Municipal Councils.
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" the Accountant-General.
Editors' Table.

ENDORSEMENT—dated th July 1895, No. L., Local and Municipal.

Copy to the Government of India, Home Department.

Chief Secretary.

Exd. S. J. Pereira

Review of the Vaccination Report for 1894-95.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper:—

From the Sanitary Commissioner for Madras, dated 1st July 1895, No. 1035-V.

ABSTRACT.—Forwarding six stitched copies of the Vaccination Report for 1894–95.

ORDER—dated 8th August 1895, No. 1388 L., Local and Municipal.

With his letter read above, the Sanitary Commissioner forwards the report of the Acting Inspector of Vaccination and Deputy Sanitary Commissioner on the working of the Vaccination Department during the year 1894–95.

2. *Work done by the several agencies.*—The following statement shows the total number of operations performed by the several agencies in each of the last five years and the average cost of each successful case:—

Vaccine agency.	Number of operations performed.				
	1890–91.	1891–92.	1892–93.	1893–94.	1894–95.
(*a*) Government Vaccinators in Hill Tracts ..	17,901	16,501	15,142	15,805	18,960
(*b*) Local Fund Vaccinators	781,430	8,60,301	967,991	992,390	1,009,994
(*c*) Municipal Vaccinators	99,058	110,590	114,953	113,837	118,135
(*d*) Cantonment Staffs	3,862	3,585	6,089	5,489	3,739
(*e*) Dispensary	42,683	47,352	38,341	28,513	26,410
(*f*) Medical Subordinates	9,223	8,463	15,142	16,439	15,870
(*g*) Zamindari Vaccinators	6,403	6,628	6,883	6,359	5,814
Total ..	960,560	1,053,420	1,164,541	1,178,832	1,198,922
	AS. P.	AS. P.	AS. P.	AS. P.	AS. P.
Average cost ..	3 7	3 7	3 5	3 5	3 5

The total number of operations performed during the year showed an increase of 20,090 or 1·7 per cent. over the figure for 1893–94, but the average cost of a successful case remained the same as in the last two years. This is apparently due to the fall in the ratio of success, arising probably, as it is very general, from more careful supervision and consequently more accurate returns. Re-vaccination advanced but slowly; it is to be hoped, however, that the efforts which the Sanitary Commissioner has made to impress upon local bodies the importance of this operation will lead to better results in the current year. It is presumed that in the districts in which a falling off in the number of vaccinations is attributed to failure or insufficiency of lymph supply, measures to remedy this defect have been taken. The attention of the Collector of Anantapur will be called in the Revenue Department to the remark in paragraph 10 of the report with reference to that district. There was an improvement in the number of operations performed by the first three of the agencies specified above, but in the case of the others there was a decline. In the case of classes (*e*) and (*f*) this is no doubt due to the fact that vaccination by them has been made discretionary; but the short work in cantonments and zamindaris has not been explained. The omission should be supplied in future should the decline continue.

3. *Verification by Deputy Inspectors.*—The number of cases verified by the Deputy Inspectors, which up to 1893–94 exhibited a steady advance from year to year, declined from 634,399 to 608,706, but no explanation for this has been offered. Ten of the Deputy Inspectors—not eight as stated in paragraph 18 of the report—failed to check 50 per cent. of the cases in their ranges. It is stated that explanations have been called for. The Deputy Inspectors of Cuddalore and Paramagudi headed the list with a record of 23,643 and 21,290 cases, respectively, or about seventy cases per diem excluding Sundays. This, if the figures are accurate, which seems very doubtful, is satisfactory. The Inspector of Vaccination made a special tour in the Malabar district and found that the reports of verifications made by the Deputy Inspectors, low as the percentages were, were in many cases absolutely untrustworthy. It is hoped that adequate notice of the conduct of these men has been taken. These special tours promise to be of great value in every way and should, if possible, be undertaken every year.

4. *Infantile vaccination.*—Excluding the figures relating to the cantonments of Bangalore and Secunderabad, the total number of operations reported to have been performed during the year was 33·5 per mille of the population against 32·9 in the previous year, and the number of children under one year reported to have been successfully vaccinated was 296,016 against 240,123, being 31·7 per cent. of the registered births of the year against 25·6 in 1893–94—a decided advance. The latter of the figures given above would seem to show that the opposition of parents referred to in paragraph 6 of last year's report was not the only cause of the decrease in this direction in that year. Infantile vaccination was again very unsatisfactory in the districts of Ganjám, South Canara and Malabar; for these districts there may be some excuse, but for Tanjore, which stands 18th on a list of 21 districts, and its head-quarter town, which takes the last place out of 56 municipalities, there is none, and no attempt to explain the discreditable percentages shown against these has been made. The best results are reported to have been obtained in the districts of Madura and Coimbatore and in the municipalities of Coonoor, Ootacamund, Bimlipatam and Negapatam. The advance made in the district of Madura, where 67·5 per cent. of the children registered as having been born during the year are reported to have been successfully protected against 8·4 in the previous year, is creditable to the officers concerned. It is however to be remarked that the figures show that probably less than half the births which occurred in the district during the year were registered.

5. *Agency tracts.*—The work reported to have been done by the Government vaccinators in the Agency tracts of Ganjám, Vizagapatam and Gódávari, taken as a whole, showed a further increase, the total operations numbering 18,960 against 15,805 in 1893–94 and 15,142 in 1892–93. The work in Ganjám has at length shown an improvement and the local officers should see that it is sustained. The attention of the Collector of Vizagapatam will be drawn to the falling off in Jeypore.

6. *Local Fund areas.*—There was an increase of 17,604 in the number of operations performed in local fund areas taken as a whole, and the average outturn of cases per vaccinator rose from 1,495 to 1,528, but in the nine districts noted in the margin there was a decline. In Ganjám, North Arcot and South Canara this has occurred for two years in succession, and the retrogression in Madura and North Arcot is particularly noticeable and unsatisfactory. There is, on the other hand, a large increase reported in the number of operations performed in the districts of Coimbatore (11,042), Salem (8,935), and Kistna (8,026). The average reported outturn of work for each vaccinator was, as in the previous year, highest in Trichinopoly (2,660); Tinnevelly and Vizagapatam come next with 2,233 and 2,183 cases respectively. The only other districts in which the average was more than 1,500 cases per vaccinator were South Arcot, Madura, Coimbatore,

Anantapur	— 423
Chingleput	— 548
Ganjám	— 3,436
Madura	—11,546
Malabar	— 6,323
North Arcot	— 7,418
South Canara	— 3,114
Tinnevelly	— 3,851
Trichinopoly	— 6,643

Chingleput, Salem and Kistna; in Ganjám it was as low as 771. Though the average work of the vaccinators has advanced of late years, it is not yet up to the standard attained in other administrations and the Government is of opinion that it is still capable of considerable improvement. The quality of the work turned out showed a general fall, sixteen districts exhibiting lower figures than in the previous year, and the total ratio of success falling from 96·1 per cent. to 92·7 but this is possibly due to the cause indicated in paragraph 2 *supra*; if so, it is not altogether a matter for regret. The percentage of success was very low in South Canara (66·2), Coimbatore (80·3), Ganjám (77·7), and Kurnool (84·8). This is said to be due in the first two cases to the bad quality of the glycerinized lymph and paste supplied, and in the last to its deterioration owing to excessive heat. The decline in Ganjám and in the other districts has not been explained. South Arcot, on the other hand, shows a ratio of 98·8 per cent., and Tinnevelly, Bellary, North Arcot and Nilgiris followed next with 98·1, 97·9, 97·5 and 97·4 respectively—very high figures, if correct. The average cost of each successful case, which was As. 3–1 in 1893–94, rose by one pie in the year under report. It varied from As. 5–9 in Ganjám to As. 2 in Salem and was more than As. 4 in Anantapur, Bellary, Cuddapah, Gódávari, Kurnool, Nellore and North Arcot. In all these districts, excepting Gódávari and North Arcot, this point was noticed in the review of the report for 1893–94, but the cost in Anantapur and Ganjám has nevertheless increased instead of declining. The department and the district boards concerned will be again urged to endeavour to reduce these high figures. The reduction of cost in the Nilgiris from As. 8–2 to As. 4–1, which is due to a large increase (from 2,414 to 4,124) in the number of successful operations, is satisfactory. The work done in the different districts will be more fully noticed when reviewing the administration reports of the district boards.

7. *Municipalities.*—Vaccination was compulsory in all the municipalities in the Presidency including the city of Madras, and the number of operations performed by the municipal vaccinators showed an increase of 4,298 cases, the rise occurring chiefly in Calicut (2,870) and Karur (554). In twenty-one municipalities, however,—not nineteen as stated in paragraph 12 of the report—there was a retrogression, which was most marked in Cuddalore, Madura and Tanjore, and it is to be regretted that in eight of these—Chidambaram, Cocanada, Dindigul, Mangalore, Mannárgudi, Nellore, Palni and Tinnevelly—this has occurred for two years in succession. The special attention of the department and of these Councils is drawn to the matter. The Government trusts that there will be an improvement in the current year. The proportion to the registered births of the year of infants successfully vaccinated rose from 65·8 to 79 per cent., and in this respect the work done in municipalities compared very favourably with that in local fund areas, where the percentage was only 27·3. The average outturn of work per vaccinator was, however, 1,064 against 1,528 in local fund areas and exceeded 1,000 cases in only 28 towns. It was highest in Bezwada (1,960) and Rajahmundry, Tinnevelly, Calicut, Vizianagram, Madura, Vizagapatam and Salem followed next with more than 1,500 cases each; but in Tiruppattúr (373), Ongole (431), Vániyambadi (445), Anantapur (466) and Tirupati (496), it was very low. Here again there appears to be room for considerable advance. The excuse of want of cases for vaccination, which is sometimes urged to explain short work, cannot be considered valid as long as primary vaccination is not complete, and as re-vaccination is in its present backward condition. The average cost of each successful case was As. 4–10 against As. 5–1 in the previous year, but it compared unfavourably with that in local fund areas, where it was only As. 3–2. It varied from As. 12–2 in Tirupati to As. 1–7 in Calicut and exceeded As. 8 in Anantapur, Dindigul, Kurnool and Walajapet. The same point was noticed in the case of all these towns, except Walajapet, in 1893–94 and the councils concerned will be once more requested to endeavour to reduce the cost per operation. During the year under review a scheme for regulating the action of Municipal Chairmen in enforcing the compulsory provisions of the District Municipalities Act relating to vaccination was sanctioned by Government (G.O., dated 19th October 1894, No. 1502 M.), but it is noticed with dissatisfaction that the monthly returns prescribed in that order have not been forwarded to the Inspector of Vaccination from Cuddalore, Cuddapah, Madura, Máyavaram, Palni or Tellicherry. The Chairmen of the Municipal Councils

of these towns will be requested to explain the omission, and the attention of the Sanitary Commissioner and the Surgeon-General will be invited to paragraph 2 of the order referred to. The total number of operations performed in the city of Madras was 24,725 against 23,644 in 1893–94, the percentage of reported successful cases the same (97·9), and the cost of each such case As. 6 against As. 6–6. Infantile vaccination also made some progress, 77·9 per cent. of the children born during the year having been successfully protected against 72·1 per cent. in that preceding it. The work done in the several municipalities will, as usual, be more fully noticed in the reviews of their administration reports.

8. *Vaccination with Animal Lymph*—The total number of operations performed with animal lymph was 1,164,150 or 97·1 per cent. of the total number of all operations against 1,077,580 and 91·4 per cent., respectively, in the previous year. As will be seen from the following table, the percentage of success was again highest in the case of calf-to-arm vaccination :—

—		Number vaccinated.	Number of successful cases.	Percentage of success.
Calf-to-arm vaccination	1893–94	516,800	491,270	97·0
	1894–95	378,955	363,448	97·4
Vaccination with lymph preserved in glass tubes or plates.	1893–94	185,458	172,335	94·7
	1894–95	142,899	132,536	94·1
Vaccination with lymph preserved with glycerine	1893–94	375,322	343,729	93·7
	1894–95	642,296	558,009	89·2
Total	1893–94	1,077,580	1,007,334	95·4
	1894–95	1,164,150	1,053,993	92·5

The noticeable decline from 93·7 to 89·2 per cent. in the ratio of success obtained with lymph preserved with glycerine has not been explained. As this lymph was used in a very large proportion of the cases operated upon, the general percentage also fell from 95·4 to 92·5. This is a considerable decline and the Government trusts that better results may be obtained in the current year. Every effort should be made to discontinue the use of human lymph; that this should have still been employed in such districts as Ganjám, Gódávari and Vizagapatam, where there are hill tracts remote from centres from which lymph can be obtained, is capable of explanation; but this is not the case with Nellore where, if proper arrangements were made, there should have been no need to use lymph obtained from the human subject.

9. *Mortality from small-pox.*—It is satisfactory that only 7,369 deaths from small-pox were reported during the year against 20,579 in 1893–94. The diagrams appended to paragraph 25 of the report show that the progress made by vaccination varied very considerably in the different districts and municipalities in the Presidency. Thus in Tinnevelly district 3,200 persons were vaccinated in every 10,000 of the population, while in Gódávari the number was only 1,700. In municipal areas again the number of persons protected in every 10,000 of the population varied from 6,300 in Coonoor to 2,100 in Tirupati. The special attention of the officers of the Vaccination Department should be directed to those localities which are low in the scale.

The rates of mortality in the diagrams do not in all cases vary inversely with the proportion which the number of persons vaccinated bears to the total population, but this may be due to a number of independent factors, such as defective registration of vital statistics and the neglect of infantile as distinguished from other vaccination. In the case of the four municipalities of Tellicherry, Cochin, Calicut and Palghat in Malabar district, the high mortality is probably due to the fact that the rural tracts round them, as is evident from the diagram relating to districts, were insufficiently protected. The work in these tracts appears both from the Deputy Sanitary Commissioner's interesting inspection notes printed in G.O., dated 8th June 1895, No. 990 L., and from the present report to require immediate and thorough scrutiny, and the President of the District Board and the Sanitary Commissioner will be requested to report what steps should be taken to improve matters.

10. The report received from the Sanitary Commissioner on the subject of the reorganization of the Vaccination Department and referred to in paragraph 8 of G.O., dated 26th July 1894, No. 1385 L., is still under the consideration of Government.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Sanitary Commissioner.
„ the Surgeon-General.
„ the Sanitary Board.
„ the Sanitary Engineer.
„ the Public Department.
„ the Judicial Department.
„ the Revenue Department.
„ the Lieutenant-General Commanding the Forces, Madras.
„ all Collectors.
„ all Presidents of District Boards.
„ all Chairmen of Municipal Councils.
„ the President, Municipal Commission, Madras.
„ the Director of Public Instruction.
„ the Accountant-General.
Editors' Table.

ENDORSEMENT—dated 8th August 1895, No. 1389 L., Local and Municipal.

Copy to the Government of India, Home Department.

J. F. PRICE,
Chief Secretary.

Exd. S. J. Pereira

Govt. of {1895} Madras.

LOCAL AND MUNICIPAL.

Issued

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G.O., 8th August 1895,
Nos. 1388, 1389 L.

AUGUST.

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Reviewing the — for 1894-95.

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