REPORT

ON

VACCINATION IN THE MADRAS PRESIDENCY

FOR THE YEAR

1923-24

MADRAS
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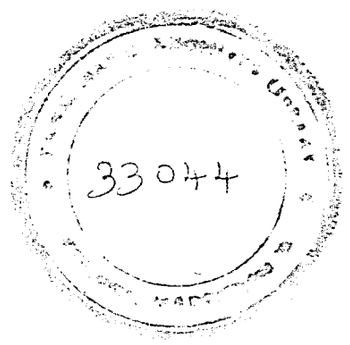


D. No. 245-P.H.

OFFICE OF THE DIRECTOR OF PUBLIC HEALTH,
MADRAS, 28*th June* 1924.

From

DR. K. T. MATTHEW, D.Hy. (Durham), D.P.H. (Cantab),
Officiating Director of Public Health, Madras,

To

THE SECRETARY TO GOVERNMENT,

LOCAL SELF-GOVERNMENT (PUBLIC HEALTH) DEPARTMENT, MADRAS.

SIR,

I have the honour to submit the Report on Vaccination in the Madras Presidency for the year 1923–24.

1. The District Health Scheme, which had been in force in the districts of Kistna, Kurnool, Tanjore, Trichinopoly and Vizagapatam, was on 1st April 1923 extended to the remaining districts of the Presidency with the exception of the Nilgiris and the Agency portions of Ganjām, Gōdāvari and Vizagapatam. Consequent on this extension, Government in their Order No. 555-P.H., dated 30th March 1923, sanctioned 205 posts of Health Inspectors (including the old Deputy Inspectors of Vaccination). There being however 219 taluks in the Presidency, the distribution of Health Inspectors, one to every taluk, could not be effected on the principle laid down by Government that a Health Inspector should be in charge of each taluk. Requests from certain local bodies for additional hands were also subsequently received and so on my recommendation, Government in G.O. No. 1719-P.H., dated 16th October 1923, sanctioned 14 additional appointments to complete the required number.

2. The administration and control of vaccination in rural areas continued to be vested in the Taluk Boards during the year. But in the case of the Nilgiris, the control is vested in the District Board—there being no taluk boards in the district. The question of the centralization of this control in the District Boards is under the consideration of Government and orders thereon are awaited.

During the year, the Agency Division which was under the control of the Agency Commissioner was abolished and Government in G.O. No. 52-P.H., dated 10th January 1924, transferred the control of vaccination and sanitation in the Agency areas to the District Medical Officers and the Agents to the Governor in Ganjām and Vizagapatam and the Government Agent, Gōdāvari.

3. During the year, glycerine lymph was used in all local board areas and municipalities and a set of clear instructions for its use was drawn up by the Director, King Institute of Preventive Medicine, Guindy, and forwarded to all officers in the Public Health Department for information and guidance.

4. The Vaccination Code was revised and published during the year under the name, the Public Health Code—Vaccination section—and copies thereof were distributed to all officers responsible for the administration of vaccination in the Presidency.

5. Routine vaccination work was suspended in the hot-weather months during the year in all districts and municipalities except the Nilgiris. The off-season was specially utilized by the Health staff in detecting a large number of births and unprotected children which had escaped registration. Proposals have been received from a few District Health Officers for effecting certain alterations in the hot-weather period of cessation of vaccination obtaining in their districts for special reasons, and these are receiving my separate consideration.

6. Captain N. R. Ubhaya was Assistant Director of Public Health in charge of Southern Range and Dr. B. Ethirajulu Nayudu of Central Range, till 1st October 1923, when their duties were re-allocated on a functional basis. Under this arrangement, Captain Ubhaya was in charge of vaccination throughout the Presidency for the remaining period. Captain R. B. Subrahmanyam was in charge of Northern Range till 16th August 1923, when he was reverted to his permanent appointment as Health Officer, Ootacamund Municipality, owing to reduction in the number of Assistant Directors of Public Health.

7. The subjoined statement shows the inspection work of the Assistant Directors of Public Health:—

Range.	Name.	Date.	Places inspected.	Purpose.
		1923.		
Northern Range.	Captain R. B. Subrahmanyam.	7th to 9th Apr. ...	Bezwada	Attended Pushkaram Committee meetings.
		21st Apr.	Do.	Do.
		25th June and 4th to 7th July.	Nellore district	Vaccination inspection o the district and anti-malarial investigation at Dugarazapatam.
		8th July	Narasaraopet	To concert measures for the relief of congestion.
		17th Apr.	Chittoor	Investigation into the cause of low death-rate.
		18th and 19th Apr.	Puttalapattu	Do.
		20th Apr.	Tirupati	Investigation into the abnormally high death-rate under respiratory diseases.
		21st to 23rd Apr. ...	Kālahasti	Do.
		24th and 25th Apr.	Puttūr	Do.
Central Range.	Dr. B. Ethirajulu Nayudu.	26th to 28th Apr. ...	Tiruttani	Do.
		23rd and 24th May.	Chidambaram	Inspection of Vital Statistics.
		25th May	Vāniyambādi	Do.
		27th and 28th May.	Walajapet	Routine Sanitary inspection.
		22nd to 24th June.	Nandyal	Do.
		25th and 26th June.	Bellary	Investigation regarding the influence of railways on the spread of plague in the town.
		26th and 27th June.	Hospet	Do.
		29th July to 1st Aug.	Coonoor	Relapsing fever investigation.
		6th and 7th Aug. ...	Māyavaram	Vital statistics investigation.
		10th Aug.	Mannārgudi	Do.
		12th Aug.	Sivakāsi	Do.
		14th Aug.	Srivilliputtūr	Do.
		17th Aug.	Bōdinayakkanūr	Do.
Southern Range.	Capt. N. R. Ubhaya.	18th and 19th Aug.	Srirangam	Selection of a site for a public latrine.
		20th and 21st Aug.	Erode	Inspection of vital statistics and vaccination.
		22nd to 24th Aug.	Calicut	Vital statistics investigation.
		29th to 31st Aug. ...	Dhārāpuram	Routine sanitary inspection and vital statistics investigation.
		11th to 18th Sep. ...	Coimbatore	Routine sanitary inspection.
		27th to 29th Oct. ...	Proddatūr taluk	Inspection of smallpox in rural areas.
		30th and 31st Oct.	Proddatūr	Routine sanitary inspection.
Assistant Director of Public Health (Vaccination).	Capt. N. R. Ubhaya.	2nd to 4th Nov. ...	Bellary	Do.
		14th to 16th Dec. ...	Hindupur and Penukonda taluks.	Relapsing fever investigation.
		15th Dec.	Hindupur	Detailed inspection of vaccination and registration of births and deaths.

Range.	Name.	Date.	Places inspected.	Purpose.
		1923.		
Assistant Director of Public Health (Vaccination)—*cont.*	Capt. N. R. Ubhaya —*cont.*	17th and 18th Dec.	Markapur taluk	Relapsing fever investigation.
		19th and 20th Dec.	Bellary	Inspection of smallpox in the municipality.
		1924.		
		11th to 14th Jan. ...	Tuticorin	Plague investigation in the municipality.
		15th and 16th Jan.	Do.	Routine sanitary inspection.
		17th and 18th Jan.	Madura	Inspection of National Health and Baby Week arrangements in the district.
		18th Jan.	Rāmnād	Do.
		19th Jan.	Trichinopoly	Do.
		21st Jan.	Tanjore	Do.
		22nd Jan.	Māyavaram	Inspection of a tank.
		23rd Jan.	Cuddalore	Inspection of National Health and Baby Week arrangements in the district and water-supply scheme.
		3rd Feb.	Ranipet	Plague investigation.
		17th and 18th Feb.	Chingleput	Inspection of a rice mill.

Reports of these inspections were received by me and necessary action taken.

8. The following table exhibits the subordinate vaccination staffs employed in the Presidency during 1923-24 as compared with the previous year:—

Years.	Health Inspectors.	Vaccinators.			
		First.	Second	Probationary.	Total.
1922-23*	119	165	380	191	736
1923-24	229†	155	400	169	724

* Deputy Inspectors of Vaccination (old designation).

† This includes 1 Health Inspector in the Nilgiris district and 9 Health Inspectors in the Agency districts but excludes 16 Local Fund Sanitary Inspectors who were also given range work.

The increase noticed in the strength of Health Inspectors is due to the additional hands entertained as a result of the introduction of the District Health Scheme in the Presidency during the year. The slight decrease in the total number of vaccinators may be attributed to the non-entertainment of extra vaccinators owing to smallpox being less prevalent as compared with the previous year.

9. At the beginning of the year, there were in all 25 Local Fund Sanitary Inspectors who were nominally working in the District Health Scheme, though only 16 of them were actually doing range work. The other 9 Local Fund Sanitary Inspectors were really attending to Local Fund work. A few of the Taluk Boards have since dispensed with the services of the Local Fund Sanitary Inspectors and some others are attempting to follow suit. This action has dislocated work to a certain extent and to make up for it, it is proposed to reshuffle the Provincial Health Inspectors throughout the Presidency.

Owing to the existence of special circumstances, such as epidemics, fairs and festivals, etc., and also in consideration of the wide extent of the taluks in some districts, requests for additional Health Inspectors have been made to me by the District Health Officers of Ganjām, Trichinopoly, Tanjore, Madura, Chittoor and Salem. This matter is being enquired into and will form the subject of a separate communication to Government.

10. The full complement of vaccinators qualified in accordance with G.O. No. 963 L., dated 4th July 1917, was not employed in a large majority of the

districts, because attempts to secure properly qualified men were not made by the Taluk Boards. Special stress was laid on the subject by this department in previous vaccination reports but with no tangible result. Presidents of local boards should be required to appoint the full number with the least possible delay. There is no dearth of qualified hands now, and if only the local boards would offer adequate pay and allowances, any number of qualified men will be readily forthcoming. The district of North Arcot gives a more adequate pay to its vaccinators and it would be well for the other districts to follow its example.

Here it may be mentioned that only in a few districts in the Presidency the posts of vaccinators are pensionable. As an important step towards improving the efficiency of this branch of administration, the other District Boards would be well advised to make the posts of vaccinators pensionable at as early a date as possible.

11. The new scheme of vaccination was in force during the year throughout the Presidency and the rules for working the scheme were revised and re-issued in G.O. No. 832-P.H., dated 23rd May 1923. The quality of vaccination in general showed a distinct improvement over the results recorded last year. The obstacles to the progress of vaccination alluded to in paragraph 13 of the last year's report remain much the same as before and any attempt at improvement is not possible until the revenue authorities and magistracy evince a more genuine interest in the progress of vaccination. The District Health Officer, Ganjām, brings to notice, in this connexion, an instance, reported by a Health Inspector, where two villages were badly infected with smallpox, and where all efforts made by the Inspector to improve vaccination proved futile. He then applied to the Taluk Officer for help. That officer wrote back to say that he visited the villages, spoke to the people on the efficacy of vaccination, but they turned a deaf ear to him. He also said that they thought that smallpox was due to the influence of a Goddess and that vaccination would only incense her. The Assistant Director of Public Health (Vaccination) brings to notice another instance in which the Village Munsif of Madakasira, who is also the President of the Union Board, stoutly refused in writing to render any help to the Health Inspector on inspection duty or to produce the vaccination register for his inspection.

12. The instructions regarding vaccination in rural areas are still being honoured more in the breach than in their observance and unless the village officers are made to realize their responsibilities in the matter of vaccination, all the efforts of the Public Health Department will not be of much avail. Generally, the Village Munsifs are also very indifferent in making prompt reports about outbreaks of smallpox, so much so, the disease is often widespread before the Health staff get any information. This is a serious obstacle to effective action. In certain cases, the outbreaks are not reported at all, and the Health staff come to hear about them during their usual visits to the affected villages. In all these cases, all that is possible is to report the delinquent Village Munsifs to the Revenue Divisional Officers or Collectors concerned for necessary action. This matter has also been the subject of a separate correspondence with the Government. The Revenue authorities should be requested to co-operate with the officers of the Public Health Department by awarding exemplary punishments to defaulters when these are brought to their notice by the Health staff.

13. The practice of assembling children either for vaccination or for inspection at a central place although required under the rules is seldom observed anywhere in the Presidency, even in the areas where vaccination is compulsory. The Health staff in consequence are much handicapped in their vaccination and verification work by their having to go from door to door. Instances of gross neglect of duty on the part of the Village Munsifs when reported are lightly disposed of.

14. Another factor of great importance for the successful conduct of vaccination is the introduction of compulsory vaccination throughout the Presidency, except perhaps in such very backward parts as the Agency. Already the introduction of this important measure is engaging the serious attention of a few District Boards and it is hoped that other District Boards will follow suit.

15. The indifference of the village officers in the proper maintenance of the village vaccination registers is another great obstacle to the progress of vaccination. The record of work done by the District Health staff in this direction during the last vaccination off-season shows how numerous are the omissions of unprotected cases in the registers. Complaints preferred by the Health staff on this account are often taken no notice of. The instructions laid down in regard to the maintenance of these registers by Presidents of Union Boards in union areas, are in some instances not given effect to. The District Health Officer, Trichinopoly, reports that the Lalgudi Union Board has refused to undertake this duty and has formally passed a resolution to that effect.

16. The kits of vaccinators in certain districts were either not promptly supplied or were very unsatisfactory. A circular detailing the list of articles to be supplied to vaccinators was issued to all local bodies during the year and they were requested to see that the supply was made promptly. It has been suggested that it would conduce to greater efficiency if the supplies and renewals of equipments are undertaken by the District Boards themselves, recovering the cost thereof from the Taluk Boards in due course. This is worth consideration.

17. In regard to the enforcement of the compulsory provisions of vaccination there seems to be wide variations between one district and another. The great majority of the Taluk Boards show disinclination to sanction prosecutions. This hampered the work of vaccination a good deal and afforded every convenience to the villagers to slight the rules and render the compulsory system practically a misnomer. Until more of the Taluk Boards realize the necessity for enforcing the compulsory rules, not much benefit will result from "Compulsory Vaccination." In one district—North Arcot—although Government in their Order No. 1257-P.H., dated 9th August 1922, approved of the introduction of compulsory vaccination, the required notification was not published in the District Gazette by the District Board, with the result that the District Health Staff could take no action against defaulters.

18. Correct registration of births goes hand in hand with vaccination and unless birth registers are maintained properly, the lists of unprotected children cannot be maintained accurately. The question of introduction of compulsory registration of births and deaths has therefore to be considered side by side with compulsory vaccination.

19. A steady and continuous propaganda is another important factor needed for the progress of vaccination. In many districts, opposition of the villagers to vaccination is due to gross ignorance and propaganda affords the only effective means to dispel it. Lectures illustrated by magic lantern slides and charts delivered by the District Health Staff have accomplished much in this direction, but it is regrettable to note that in several cases Taluk Boards have failed to provide the lanterns and slides. In this connexion, it may be stated that the efforts of the local health committees formed in a few districts in accordance with G.O. No. 765-A-P.H., dated 1st June 1922, have already been crowned with success and it is hoped that this will serve as an eye-opener to the other Taluk Boards.

20. The bifurcation of the Agency ranges in the districts of Gōdāvari and Vizagapatam, referred to in the last year's report, is still under the consideration of Government.

21. The total vaccination work done during the past two years by all Agencies throughout the Presidency is shown in the following table:—

—	1922-23.	1923-24.
Primary vaccination (including secondary) ...	1,436,041	1,565,706
Re-vaccination	325,583	346,859
Total ...	1,761,624	1,912,565

Compared with the previous year, the total number of operations during the year under review shows a satisfactory increase. The increase noticed may be attributed to the following causes :—

(i) Better organization, and better supervision over the work of vaccinators consequent on the introduction of the District Health Scheme in the Presidency.

(ii) The increase in the minimum prescribed for the vaccinators.

(iii) A large number of births and out-births which were detected by the health staff as a result of the intensive inquiries conducted from door to door during the vaccination off-season.

(iv) The growing popularity of vaccination and re-vaccination in rural areas in consequence of the extensive propaganda work carried on by the health staff.

(v) Widespread prevalence of smallpox in certain districts partly owing to past neglect of vaccination and partly to failure on the part of the village officers in making prompt reports about the outbreaks.

22. How far the introduction of the District Health Scheme in the Presidency was responsible for the immense improvement both in quality and quantity of vaccination is evidenced from the subjoined table :—

Districts.	No.	Particulars of vaccination.	No. District Health Scheme, 1921–22.	Partial introduction of District Health Scheme, 1922–23.	Full District Health Scheme, 1923–24.	Increase over 1921–22.	Increase over 1922–23.
Tanjore ..	1	Total number of cases vaccinated.	53,571	65,140	88,274	34,703	23,134
	2	Re-vaccination	936	4,594	8,167	7,231	3,573
	3	Number successfully vaccinated under one year.	12,497	11,456	20,284	7,787	8,828
	4	Number of persons successfully vaccinated per 1,000 of population.	16·7	20·6	32·3	15·6	11·7
	5	(*a*) Primary vaccination (percentage of success).	79·1	79·1	90·1	11·0	11·0
		(*b*) Re-vaccination (do.)	38·1	50·9	51·1	13·0	0·2
Trichinopoly ...	1	Total number of cases vaccinated.	46,714	66,556	79,740	33,026	13,184
	2	Re-vaccination	1,020	5,319	9,471	8,451	4,152
	3	Number successfully vaccinated under one year.	10,953	13,921	18,511	7,558	4,590
	4	Number of persons successfully vaccinated per 1,000 of population.	17·7	25·5	34·4	16·7	8·9
	5	(*a*) Primary vaccination (percentage of success).	78·4	79·6	89·2	10·8	9·6
		(*b*) Re-vaccination (do.)	28·8	43·9	46 8	18·0	2·9
Vizagapatam.	1	Total number of cases vaccinated.	81,515	1,01,249	1,00,525	19,010	— 724
	2	Re-vaccination	7,777	21,378	17,135	9,358	— 4,243
	3	Number successfully vaccinated under one year.	16,115	16,806	26,175	10,060	9,369
	4	Number of persons successfully vaccinated per 1,000 of population.	21·3	23·5	30·9	9·6	7·4
	5	(*a*) Primary vaccination (percentage of success).	66·2	69·9	83·3	17·1	13·4
		(*b*) Re-vaccination (do.)	21·6	18·4	24·2	2·6	5·8
Kistna ...	1	Total number of cases vaccinated.	59,663	69,700	89,722	30,059	20,022
	2	Re-vaccination	2,100	8,541	15,690	13,590	7,149
	3	Number successfully vaccinated under one year.	16,783	13,957	21,623	4,840	7,666
	4	Number of persons successfully vaccinated per 1,000 of population.	20·2	22·4	33·03	12·8	10·6
	5	(*a*) Primary vaccination (percentage of success).	76·3	77·8	92·1	15·8	14·3
		(*b*) Re-vaccination (do.)	36·0	34·1	35·2	— 0·8	1·1
Kurnool ...	1	Total number of cases vaccinated.	37,908	37,135	43,507	5,599	6,372
	2	Re-vaccination	3,366	4,350	6,422	3,056	2,072

Districts.	No.	Particulars of vaccination.	No. District Health Scheme, 1921–22.	Partial introduction of District Health Scheme, 1922–23.	Full District Health Scheme, 1923–24.	Increase over 1921–22.	Increase over 1922–23.
Kurnool –*cont.*	3	Number successfully vaccinated under one year.	10,912	8,993	13,764	2,852	4,771
	4	Number of persons successfully vaccinated per 1,000 of population.	25·2	23·5	36·3	11·1	12·8
	5	(*a*) Primary vaccination (percentage of success).	62·7	67·9	82·9	20·2	15·0
		(*b*) Re-vaccination (do.)	15·5	22·7	27·7	12·2	5·0

23. It is gratifying to observe that all the districts with the exception of Vizagapatam, the Nilgiris, Chingleput and the Agency show considerable increase in the total operations performed during the year as compared with the previous year.

The districts which showed the largest increases were Guntūr (+28,443), Tanjore (+23,134), Malabar (+ 22,461), Kistna (+ 20,022), Trichinopoly (+13,184), North Arcot (+11,806), Cuddapah (+11,666) and Salem (+10,553).

The slight fall in the district of Vizagapatam (—724) was attributed to the diminished prevalence of smallpox and the consequent reduction in the number under re-vaccination as also to the damaging effects of cyclone during the latter part of last year which affected adversely the activities of the department. The decrease in the Nilgiris (—41) where the District Health Scheme was not in force is very small and almost negligible. In the case of Chingleput, the decrease (—2,724) was due to the long cessation of routine vaccination work for 4 months against 2 months during the previous year and to the utilization of first-class vaccinators for a time in the district for cholera work. The total number of operations performed in the Agency areas was 66,271 against 75,311 during the previous year, there being a decrease of 9,040 cases. This is explained by the fact that in Vizagapatam Agency, where the decrease was 8,160 there was 4 months' cessation of routine vaccination work as against 2 months in the last official year and in Gōdāvari Agency, which showed a fall (— 2,082) 2 posts of vaccinators out of 3 were vacant during the year under report for 2 and 3 months, respectively.

24. The subjoined table shows the results of primary and secondary vaccinations and re-vaccinations performed by all agencies :—

Establishment.	Number of successful vaccinations.				Total number of successful vaccinations.		Ratio per cent of successful cases.				Ratio per cent of total successful cases.	
	1922-23.		1923-24.				1922-23.		1923-24.			
	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	1922-23.	1923-24.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	1922-23.	1923-24.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Local Fund vaccinators.	896,474	54,165	1,149,187	83,627	950,639	1,232,814	78·5	31·3	89·7	39·7	72·1	82·6
Government vaccinators.	14,981	544	16,852	561	15,525	17,413	70·7	36·6	83·7	22·2	66·0	76·8
Municipal vaccinators.	96,948	41,794	109,620	33,283	138,742	142,903	89·0	52·6	94·4	55·1	73·7	80·9
Cantonment vaccinators.	5,245	1,596	5,850	2,611	6,841	8,461	84·1	24·5	93·3	29·8	53·7	56·3
Dispensaries ...	140	26	143	47	166	190	94·0	57·8	96·6	96·0	85·6	96·4
Medical subordinates.	1,232	12,581	842	7,256	13,813	8,098	72·2	63·2	73·0	43·3	64·0	45·2
Total ...	1,015,020	110,706	1,282,494	127,385	1,125,726	1,409,879	79·2	39·5	90·0	42·6	78·2	81·7

The percentage of success under primary vaccination and re-vaccination showed an increase during the year under report. Compared with the previous year, the increase under primary vaccination amounts to 10·8 per cent and under re-vaccination 3·0 per cent. The supply of glycerine lymph, the suspension of routine vaccination work during the hot-weather months and the better interest taken by the vaccinating staff as a result of the introduction of the District Health Scheme, all combined, brought about this increase.

25. Persons successfully vaccinated per 1,000 of population varied from 20·7 in Salem district to 52·0 in the Nilgiris district. The most prominent feature during the year under report is the steady and distinct increase over last year in the ratio per cent of successful cases in all the districts in the Presidency. The largest increases were noticed in the districts of Guntūr (+16·2), Cuddapah (+13·9), Kurnool (+12·8), Tanjore (+11·7) and Malabar (+11·2).

Among municipalities, the following show a decrease of over 10 per cent in the number of persons successfully vaccinated per 1,000 of population as compared with last year:—Cochin (— 82·5), Vāniyambādi (— 26·9), Conjeeveram (— 21·1), Kurnool (— 17·1), Ootacamund (— 14·9), Negapatam (— 14·8), Tinnevelly (— 14·4) and Rajahmundry (—13·7).

26. The cost of the various vaccination establishments and the average of each successful case during the past two years are shown below:—

Establishment.	Total expenditure.		Average cost of each successful case.	
	1922–23.	1923–24.	1922–23.	1923–24.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Government establishment	25,220 10 4	17,206 6 6	1 10 0	0 15 10
Local Fund do. ...	4,47,972 0 9	6,46,728 7 7	0 7 6	0 8 5
Municipal do. ...	65,393 13 7	93,956 13 10	0 7 6	0 10 6
Cantonment do.	5,230 2 6	6,091 10 4	0 12 3	0 11 6
Total ...	5,43,816 11 2	7,63,983 6 3	0 7 10	0 8 9

The average cost of each successful case rose from As. 7–10 in 1922–23 to As. 8–9 in the year under report. The increased cost per case is mainly attributable to the inclusion of the pay, travelling allowance, etc., of the additional health inspectors employed owing to the extension of the District Health Scheme to the remaining districts in the Presidency. The cost varied from As. 5–11 in Malabar to As. 15–4 in the Agency districts; whilst in municipalities excluding Madras the variations were from 1 anna in Cannanore to as high as Rs. 1–9–3 in Palacole. The average cost in the Madras Corporation was Rs. 2–2–8 per case.

27. *Infantile Vaccination.*—When compared with the previous year there was a marked increase of 113,632 in the number of children under one year of age successfully vaccinated. This increase was due to (i) better registration of births and detection of a large number of out-births and other unprotected children by the health staff and (ii) the good effect of propaganda by the health staff to popularize primary vaccination.

Increases of over 5 per cent were noticeable in the following districts:—Tanjore (+15·3), Nellore (+14·6), Guntūr (+13·3), Cuddapah (+10·1), Malabar (+9·6), Trichinopoly (+8·6), Vizagapatam (+8·4), Kistna (+6·3), Anantapur and Rāmnād (+5·5 each). The only district which showed a large decrease under this head was Chingleput (—11·7). In other districts, the fall was very slight.

28. *Vaccination in Municipalities.*—The total number of vaccine operations performed in all the municipalities in the Presidency fell from 203,115 in 1922–23 to 185,967 in the year under report, a decrease of 17,148. There were large falls in the municipalities of Madras (– 10,020), Calicut (– 5,100), Cochin (– 4,661), Kurnool (– 3,205), Madura (– 2,369), Conjeeveram (– 1,912), Rajahmundry (– 1,613), Negapatam (– 1,438), Tinnevelly (– 1,118) Tuticorin (– 1,117), Nellore (– 1,052), Ootacamund (– 947), Trichinopoly (— 872), Palamcottah (– 766),

Vizianagram (– 686), Tellicherry (– 577), Palghat (– 554), Vizagapatam (– 537), Vāniyambādi (– 499) and Māyavaram (– 425).

The decrease in almost all the towns referred to above is attributed to the diminished prevalence of smallpox and the consequent reduction in the number of re-vaccinations done during the year.

The municipalities which showed appreciable increases were Cannanore (+4,371), Mangalore (+3,213) and Bellary (+2,133).

Although vaccination is compulsory in all municipalities, marked decreases of over 20 per cent occurred in Tiruppūr (– 48·2), Vāniyambādi (– 47·2), Bodināyakkanūr (– 25·6), Chidambaram (– 24·4), Parlākimedi (– 22·8) Proddatūr (– 22·2), and Cannanore (– 21·4).

Much has been said already regarding the unsatisfactory state of vaccination in municipalities in the vaccination reports of previous years, and the several defects existing in them were pointed out to the municipal councils, in special reports. Unless the councils evince greater interest in this matter and do away with the services of the unqualified vaccinators existing in most of them and appoint qualified vaccinators in their places, progress will be difficult. No proper supervision of any kind over the vaccinators exists at present in almost all the municipalities. Government have already taken up this subject and have in their order No. 516, P.H., dated 1st April 1924, provincialized the posts of health officers in municipalities. Government were further pleased to bear 75 per cent of the cost on account of these health officers and to address all municipal councils to ascertain their willingness for employing trained health officers. It is hoped that every municipal council will take advantage of this opportunity and resolve in favour of the entertainment of a health officer and thus place the health administration of the municipality on a more satisfactory basis.

29. With reference to paragraph 4 of G.O. No. 152-P.H., dated 31st January 1924, regarding fixing of the minimum outturn for the vaccinators in municipalities, I have to report as follows:—

Only 7 municipalities have fixed a minimum of 200 cases per month for the vaccinators, 7 at 150, 4 at 125, 13 at 100 and the rest below 100. This is not satisfactory.

The suggestion of Government in the administration report of several municipalities for 1922–23 regarding prescribing a minimum of 200 cases per month, was presumably based upon the fact that routine vaccination work was conducted only during 8 months in each year as well as upon the available accumulated unprotected children. The universal application of this minimum has been found impossible in many cases on account of the smallness of population with the consequent small number of births available for vaccination in several municipalities. There are several ways of arriving at a proper minimum for a municipality. The formula below gives one method. A minimum thus arrived at may have to be modified in the light of special local conditions.

Name of municipality.	Population as per last census	Population living under one year of age, as per last census.	Population living between 1 and 5 years of age, as per last census.	Population living between 10 and 15 years of age, as per last census.	Population living between 20 and 25 years of age, as per last census.	Total number of primary cases calculated at 80 per cent of col. 3 and 20 per cent of col. 4.	Total number of re-vaccinations calculated at 2 per cent of cols. 5 and 4 per mille of col. 6.	Total number of primary and re-vaccination cases.	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

A second method is to calculate on the basis of presidency average birth-rate the probable number of births available in a year and determine from it the number of cases likely to be available for vaccination, after making due allowances for

infantile mortality, secondary vaccinations and out-births. None of these calculations however hold good for a municipality where vaccination has been systematically neglected for years. In such cases the fixing of an arbitrary minimum as proposed by Government till the arrears are worked up is the only right course.

30. The percentage of success obtained by the use of the different kinds of lymph in primary vaccination (including secondary) in Local Fund and Municipal areas is compared in the sub-joined statement:—

Number of cases excluding unknown.	Area.	Kind of lymph.	Whence obtained.	Percentage of success.
20,138	Government ...	Glycerine	King Institute, Guindy ...	83·7
1,281,897	Local Fund ...	Do.	Do. ...	89·7
116,164	Municipal ...	Do.	Do. ...	94·4
7	Do. ...	Lanoline	Do. ...	71·4

The percentage of success obtained with glycerine lymph in local fund areas and the municipalities was 89·7 and 94·4, respectively, whilst that obtained with lanoline lymph in the municipalities was 71·4. It is satisfactory to note that with the supply of glycerine lymph the percentage of success has considerably increased.

31. The total number of deaths from smallpox was 22,626 against 26,526 in the previous year. The proportion of population protected in the districts and municipalities during the year is shown in the annexed diagrams.

The districts which returned a very large number of deaths were Malabar, South Arcot, Kistna, Ganjām, North Arcot, and Tanjore. In some districts, due to want of prompt intimation of the outbreak of smallpox from the village officers, the disease was allowed to spread. It is, however, satisfactory to note that timely measures were, as far as possible, taken to arrest the progress of the disease by active propaganda work done in all the infected villages and by increased attention paid to vaccination of the unprotected cases and to re-vaccination. The increase in the death-rate from smallpox in a few districts was also attributed to the indifference of the local boards in the matter of appointment of additional vaccination staff recommended by the District Health Officers concerned.

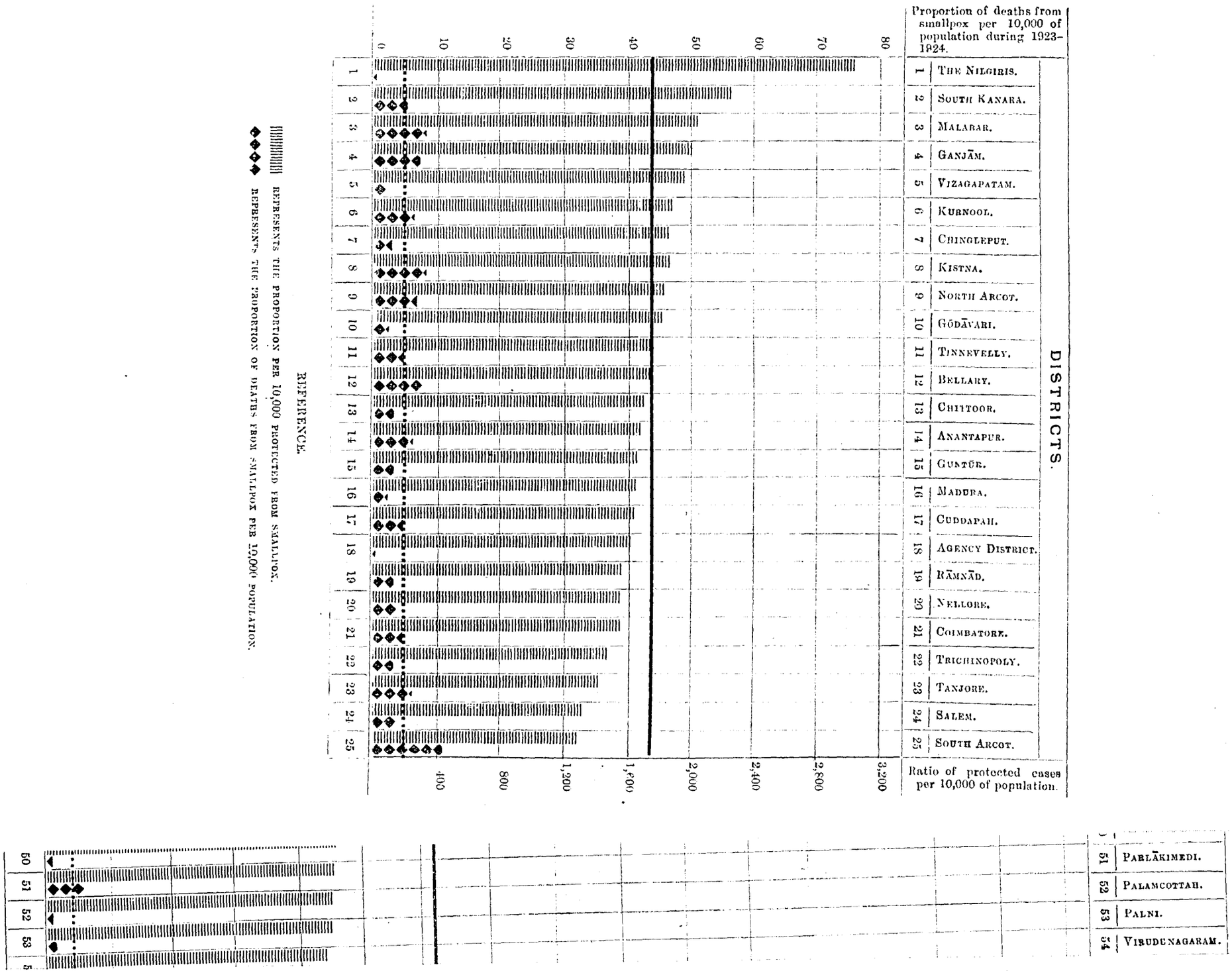
Amongst municipalities, Cannanore, Calicut, and Tellicherry were badly affected.

32. The conduct and work of all the Health Inspectors with a few exceptions have been generally satisfactory during the year under report. Inspection of vaccinated cases by Health Inspectors was not wholly satisfactory. 113 Health Inspectors verified more than 85 per cent of the cases vaccinated and 116 below 85 per cent. Suitable notice has, wherever necessary, been taken of the Health Inspectors whose work was below the standard. The large percentage of Health Inspectors who failed to verify the required percentage was partly due to the formation of additional ranges of Health Inspectors towards the close of the year and partly to the manifold duties other than vaccination performed by Health Inspectors under the District Health Scheme.

33. During the year under report, one Health Inspector's probationary period was terminated, one was suspended, two were dismissed from service and two died.

34. The service registers of all the Health Inspectors are being verified in my office.

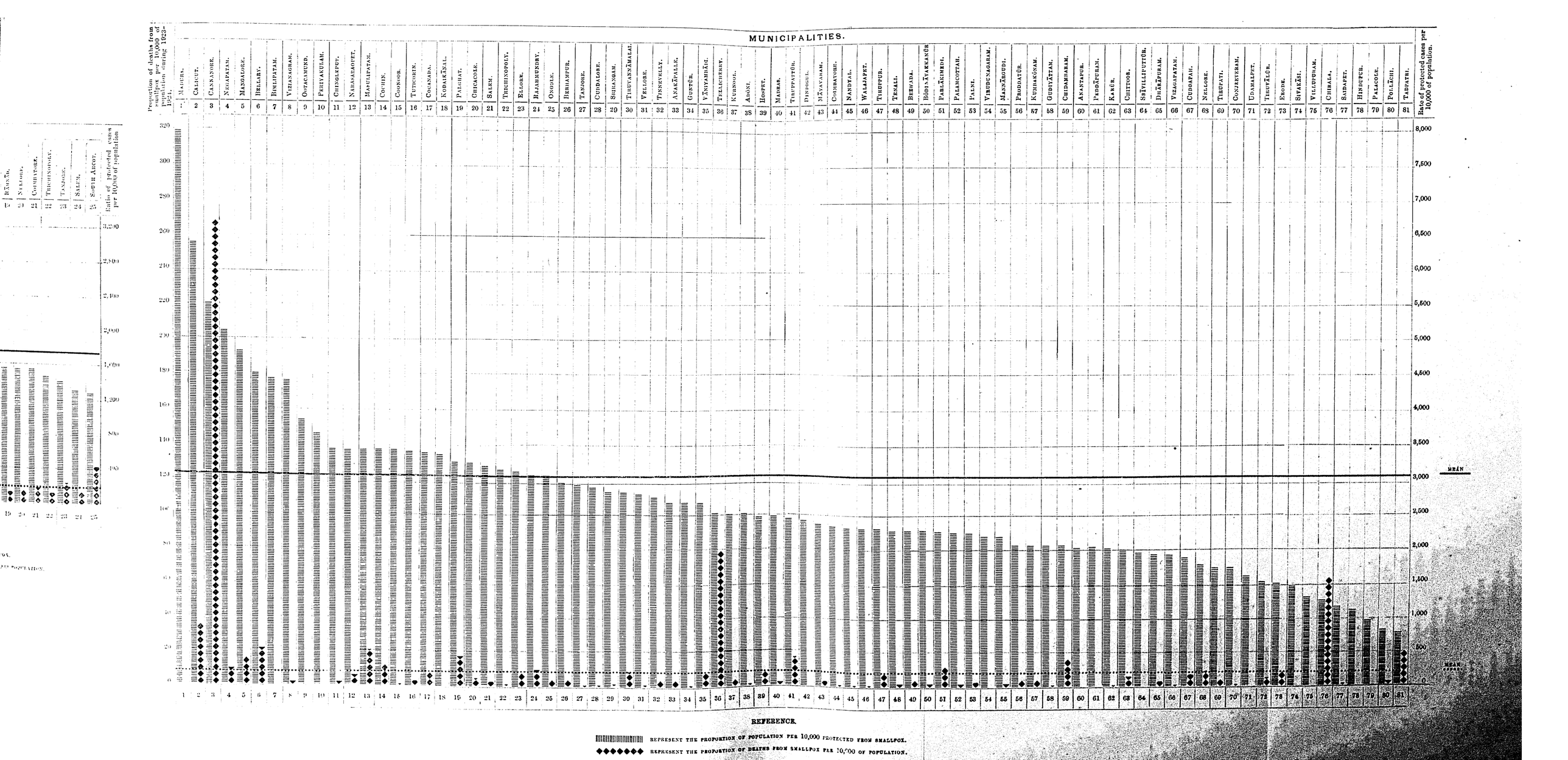
35. It is obvious from this report that the introduction of the District Health Scheme in the Presidency and that within the short period of its working, has given an impetus to vaccination and that the progress has been satisfactory both in quality and quantity. While the progress will be kept up in the years to come, I am

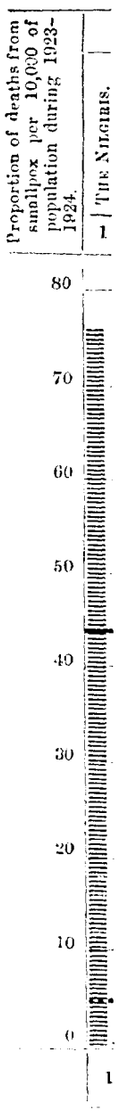


REFERENCE.

REPRESENTS THE PROPORTION PER 10,000 PROTECTED FROM SMALLPOX.

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


MUNICIPALITIES.
Proportion of deaths from smallpox per 10,000 of population during 1923-1927.
Rate of protected cases per 10,000 of population.
Ratio of protected cases per 10,000 of population
MADRAS.
CALICUT.
CANNANORE.
NEGAPATAM.
MANGALORE.
BELLARY.
BIMLIPATAM.
VIZIANAGRAM.
GUNTAKUND.
PERIYAKULAM.
CHINGLEPUT.
NARASAPOPET.
MASULIPATAM.
COCHIN.
COONOOR.
TUTICORIN.
COCANADA.
KODAIKANAL.
PALGHAT.
CHICACOLE.
SALEM.
TRICHINOPOLY.
ELLORE.
RAJAMUNDRY.
ONGOLE.
BERHAMPUR.
TANJORE.
CUDDALORE.
SIRHANGAM.
TIRUVANNAMALAI.
VELLORE.
TINNEVELLY.
ANAKAPALLE.
GUNTUR.
VIZIYANAGAR.
TELLICHERRY.
KUMBUM.
ARONI.
HOSPET.
MADRAS.
TIRUPPATTUR.
DHARMAPURI.
MAYAVARAM.
COIMBATORE.
NANDYAL.
WALAJAPET.
TIRUPPUR.
TENALI.
BEZWADA.
BODINAYAKANUR.
PARLAKIMEDI.
PALAMCOTTAH.
PALNI.
VIRUDUNAGARAM.
MANNARGUDI.
PRODDATUR.
KUMBAKONAM.
GUDIYATTAM.
CHIDAMBARAM.
ANANTAPUR.
PADDUKOTTAI.
KARER.
CHITTOOR.
SRIVILLIPUTTUR.
DHARAPURAM.
VIZAGAPATAM.
CUDDAPAH.
NELLORE.
TIRUPATI.
CONJEEVERAM.
UDAMALPET.
TIRUVALUR.
ERODE.
SIVAKASI.
VILLUPURAM.
CHIRALA.
SALEM.
HINDUPUR.
PALACOLE.
POLLACHI.
TADPATRI.
MEAN
REFERENCE.
REPRESENT THE PROPORTION OF POPULATION PER 10,000 PROTECTED FROM SMALLPOX.
REPRESENT THE PROPORTION OF DEATHS FROM SMALLPOX PER 10,000 OF POPULATION.



disposed to think that an extension of the scheme to areas where it is not applicable at present, and the appointment of Health Officers in at least all the larger municipalities in the Presidency would enable still further progress being made in this direction. It should be noted that vaccination is particularly backward in the Agency tracts where owing to unhealthy conditions and difficulty of communication, supervision over vaccinators' work is at a very low level.

36. For the preparation of this report, the consolidated annual returns of vaccination received from the several districts were found incorrect and I had therefore to call for the individual returns of Health Inspectors. The checking of these returns and the compilation of the figures for the Presidency took time. Besides, the returns from the District Medical Officer, Ganjām, and the District Health Officer, Ganjām, were received in my office only so late as 20th and 26th June 1924, respectively.

37. I should like to take this opportunity of expressing my heartfelt thanks to the Presidents of Local Boards and the Chairmen of Municipal Councils to whose sincere co-operation with the Public Health Department the satisfactory results obtained during the year under report is largely due.

I have the honour to be,

Sir,

Your most obedient servant,

K. T. MATTHEW, D.Hy. (Durham), D.P.H. (Cantab),

Officiating Director of Public Health, Madras.

VACCINATION STATEMENTS.

A.—VACCINE DEPARTMENT.

Statement No. 1 showing the particulars of Vaccination in the Madras Presidency for the official year 1923-24.

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary vaccination.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.				Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
1	2	3	4	5	6	7			8	9	10							
1	Agency districts. Godāvari.	Bhadrāchalam ...	...	...	6	2,470	2,301	4,771	795	4,564	952							
2		Pōlavaram	...	...	3	3,597	3,209	6,806	2,269	4,789	1,128							
		Total ...	...	...	9	6,067	5,510	11,577	1,286	9,353	2,080							
3	Ganjām.	Ganjām Hill Tracts, North	...	...	9	4,210	3,919	8,129	903	8,121	1,060							
4		Ganjām Hill Tracts, South	...	...	5	2,477	2,404	4,881	976	4,434	2,272							
		Total ...	...	...	14	6,687	6,323	13,010	929	12,555	3,332							
5	Vizagapatam.	Gunupur	...	...	6	4,794	4,668	8,862	1,477	6,128	1,411							
6		Hill Madgole	...	...	5	2,168	2,095	4,263	853	3,690	723							
7		Jeypore	...	...	5	2,132	2,227	4,359	872	7,140	1,521							
8		Koraput	...	..	5	4,721	4,629	9,350	1,870	8,872	3,198							
9		Nowrangpur	...	...	4	4,977	4,580	9,557	2,389	9,424	2,659							
		Total ...	...	...	25	18,792	17,599	36,391	1,456	35,254	9,510							
		Total of Agency districts	1,503,106	...	48	31,546	29,432	60,978	3,671	57,162	14,922							
10	Anantapur.	Anantapur	920,716	137	3	2,667	1,938	4,605	1,535	3,918	1,780							
11		Dharmavaram			2	2,192	1,795	3,987	1,993	3,874	1,463							
12		Gooty			2	2,755	2,089	4,844	2,422	4,570	1,867							
13		Hindupur			1	1,750	1,253	3,003	3,003	2,608	1,213							
14		Kadiri			2	3,257	2,469	5,726	2,863	4,955	2,677							
15		Kalyāndrug			2	1,717	1,259	2,976	1,488	2,726	1,208							
16		Madakasira			1	1,895	1,463	3,358	3,358	2,991	993							
17		Penukonda			1	2,021	1,272	3,293	3,293	2,445	1,175							
18		Tādpatri			2	3,077	2,140	5,217	2,608	4,735	942							
		Total of district ...	920,716	137	16	21,331	15,678	37,009	2,313	32,822	18,328							
19	Arcot (North).	Arkōnam	1,914,291	389	2	3,118	2,911	6,029	3,014	6,027	2,877							
20		Arni			2	2,959	2,811	5,770	2,885	5,671	2,291							
21		Cheyyūr			2	2,810	2,718	5,528	2,764	6,016	2,990							
22		Gudiyāttam			2	4,007	3,601	7,608	3,804	7,125	2,502							
23		Polur			2	3,587	3,341	6,928	3,464	6,645	3,311							
24		Rānipet			2	3,731	3,337	7,068	3,534	6,812	3,254							
25		Tiruppattūr			3	5,030	4,817	9,847	3,282	9,406	3,699							
26		Tiruvannāmalai ...			3	6,389	5,877	12,266	4,088	13,199	3,508							
27		Vellore			2	3,677	3,275	6,952	3,476	6,855	3,559							
28		Wandiwash			2	3,723	3,524	7,247	3,623	6,988	2,786							
		Total of district ...	1,914,291	389	22	39,031	36,212	75,243	3,420	74,624	30,777							
29	Arcot (South).	Chidambaram	2,229,634	530	2	2,973	3,017	5,990	2,995	5,756	2,392							
30		Cuddalore			2	4,145	4,191	8,336	4,168	8,212	4,237							
31		Gingee			2	3,111	3,047	6,158	3,079	6,067	1,754							
32		Kallakurchi			2	2,626	2,243	4,869	2,435	5,856	1,578							
33		Tindivanam			2	3,555	3,089	6,644	3,322	6,491	2,060							
34		Tirukkōyilūr			2	2,785	2,693	5,478	2,739	5,867	1,256							
35		Tittagudi			1	1,316	1,241	2,557	2,557	2,583	1,007							
36		Villupuram			2	4,420	4,334	8,754	4,377	8,453	3,415							
37		Vriddhāchalam ...			1	2,924	2,870	5,794	5,794	5,966	2,505							
38		Ulundūrpet			2	2,539	2,072	4,611	2,306	4,854	920							
		Total of district ...	2,229,634	530	18	30,394	28,797	59,191	3,288	60,105	21,194							
39	Bellary.	Adōni	785,624	138	2	2,618	2,561	5,179	2,590	5,318	3,007							
40		Ālūr			2	2,506	2,101	4,607	2,304	4,474	1,944							
41		Bellary			3	1,855	1,504	3,359	1,120	3,976	1,693							
42		Hadagalli			1	1,329	952	2,281	2,281	2,598	1,210							
43		Harpanahalli			2	1,800	1,352	3,152	1,576	3,329	1,598							
44		Hospet			2	1,459	1,353	2,812	1,406	3,586	1,212							
45		Kudligi			2	1,946	1,854	3,800	1,900	4,221	1,004							
46		Rayadrug			1	1,857	1,414	3,271	3,271	3,103	1,511							
47		Sirugappa			1	1,498	1,350	2,848	2,848	3,167	920							
		Total of district ...	785,624*	138	16	16,868	14,441	31,309	1,957	33,772	14,100							

* Excludes Sandur (3,526).

Vaccination.			Re-vaccination.			Percentage of successful cases in which the results were known.		Percentage of cases unknown to total cases.			Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
Successful.		Unknown.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.					
1 and under 6 years.	Total of all ages.													
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1,548	2,831	370	409	30	14	67·5	7·6	...	8·1	3·4	...	...	...	...
1,975	3,450	492	2,489	978	235	80·7	43·4	..	10·3	9·4	...	...	...	...
3,523	6,281	862	2,898	1,008	249	73·9	38·1	...	9·2	8·6	...	...	...	...
4,873	6,570	718	464	186	53	88·7	40·4	...	8·8	11·4	...	..	...	...
1,391	3,821	186	568	242	71	90·9	48·7	...	4·2	12·5	...	...	...	...
6,264	10,391	904	1,032	408	124	89·2	44·9	...	7·2	12·0	..	...	...	...
2,512	4,517	280	3,275	1,429	190	77·2	46·3	...	4·5	5·8	...	...	...	...
1,623	3,018	270	585	125	54	88·2	23·5	...	7·3	9·2	...	...	...	...
2,694	5,350	466	377	148	76	80·2	49·2	...	6·5	20·1	..	...	...	...
4,360	8,135	397	491	191	135	95·9	53·6	...	4·5	27·5	...	...	...	...
3,801	7,158	747	451	118	68	82·5	30·8	...	7·9	15·1	...	...	...	...
14,999	28,178	2,160	5,179	2,011	523	85·1	43·2	...	6·1	10·1	...	...	...	...
24,786	44,850	3,926	9,109	3,427	896	84·2	41·7	32·1	6·8	9·8	26,038	17·3	128	0·1
1,277	3,176	401	1,311	193	182	80·3	17·1	...	10·2	13·9	...	...	...	...
1,856	3,470	236	829	138	82	95·4	18·5		6·1	9·9				
1,517	3,534	447	1,091	190	90	85·7	19·0		9·8	8·2				
1,161	2,391	129	520	207	36	96·4	42·8		4·9	6·9				
1,614	4,446	335	1,181	270	201	96·2	27·5		6·8	17·02				
968	2,267	258	623	182	49	91·8	31·7		9·5	7·9				
1,451	2,512	309	513	161	65	93·7	35·9		10·3	12·7				
802	2,050	225	1,057	308	136	92·3	33·4		9·2	12·9				
2,102	3,485	446	864	151	148	81·2	21·1		9·4	17·1				
12,748	27,331	2,786	7,989	1,800	989	91·0	25·8	31·6	8·5	12·5	19,923	21·6	695	0·7
2,063	5,054	602	987	413	170	93·2	50·5	...	10·0	17·2	...	...	...	...
2,241	4,812	509	645	132	77	95·0	23·2		9·1	11·9				
2,070	5,252	387	221	75	32	96·7	39·7		9·8	14·5				
3,974	6,496	308	510	198	167	95·3	57·7		4·3	32·7				
2,530	6,021	481	698	198	96	97·7	32·6		7·2	13·8				
2,298	5,750	748	974	283	252	94·8	39·2	...	11·0	25·9	...	...	...	...
4,535	8,325	708	508	163	74	95·7	37·6		7·5	14·6				
7,161	11,375	1,175	802	140	207	94·6	23·5		8·9	25·8				
2,388	6,091	648	654	180	112	93·1	33·2		9·5	17·1				
2,881	5,766	964	500	229	191	96·0	73·5		13·8	38·2				
32,144	64,942	6,730	6,499	2,009	1,378	95·7	39·2	34·0	9·0	21·2	46,314	24·2	1,604	0·9
2,276	4,700	742	428	154	66	93·7	42·5	...	12·9	15·6	...	...	...	...
2,718	7,041	817	557	226	89	95·2	48·3		9·9	15·9				
3,248	5,087	646	342	125	92	93·8	50·0		10·8	26·9				
2,221	3,927	892	473	57	149	79·1	17·6		15·2	31·5				
2,850	5,125	836	589	95	75	90·6	18·5		12·9	12·7				
3,681	5,088	227	213	50	...	90·2	23·9		3·8	..				
1,032	2,060	282	94	37	9	90·7	43·8		10·9	9·6				
3,028	6,580	1,386	856	108	350	93·1	21·3		16·4	40·9				
2,355	4,885	695	160	36	24	92·7	26·5		11·5	15·0				
2,518	3,637	640	382	48	101	86·3	82·9		13·2	26·4				
25,927	48,130	7,163	4,094	936	955	90·9	29·8	22·0	11·9	23·3	36,255	16·3	1,652	0·7
1,414	4,460	598	101	16	19	94·5	19·5	...	11·2	18·8	...	...	...	...
1,584	3,708	396	412	115	106	90·9	37·6		8·8	25·7				
1,503	3,294	258	820	215	122	82·8	26·2		6·5	14·9				
904	2,150	174	381	169	11	88·7	45·7		6·7	2·9				
1,010	2,661	209	606	161	44	85·3	28·6	...	6·3	7·3	...	...	...	...
1,285	2,644	299	271	51	8	80·4	19·4		8·3	2·9				
2,039	3,211	466	255	69	46	85·5	38·0		11·04	18·04				
915	2,484	237	614	96	116	86·7	19·3		7·6	18·9				
1,631	2,607	209	461	109	41	88·1	25·9		6·6	8·9				
12,291	27,219	2,848	3,921	1,001	513	88·0	29·4	35·9	8·4	13·1	17,006	21·6	856	1·1

A.—VACCINE DEPARTMENT—*cont.*

Statement No. I showing the particulars of Vaccination in the Madras Presidency for the official year 1923-24—cont.

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary vaccination.		Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.	1 and under 6 years.	Total of all ages.	Unknown.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.		Primary vaccination.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000
1	2	3	4	5	6	7			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
48	Chingleput.	Chingleput			2	3,101	2,856	5,957	2,979	5,790	2,434	2,045	4,925	438	940	721	91	92·0	84·9		7·6	9·7				
49		Conjeeveram			2	3,024	2,408	5,432	2,716	4,234	2,328	1,023	3,447	353	1,803	660	326	88·8	44·7		8·3	18·1				
50		Madurantakam			2	4,082	3,285	7,367	3,684	6,153	2,940	2,125	5,120	619	1,556	555	359	92·5	46·4		10·1	23·1				
51		Ponnēri	1,392,515	453	2	4,369	4,052	8,421	4,211	8,300	3,371	3,376	6,927	498	906	236	79	88·8	28·5	...	6·0	8·7	...	...	...	...
52		Saidapet			2	4,886	4,177	9,063	4,532	7,765	4,712	1,370	7,113	507	1,339	569	234	98·0	51·5		6·5	17·5				
53		Sriperambadur			2	3,843	2,925	6,768	3,384	5,895	3,127	1,991	5,182	384	901	379	143	94·0	49·8		6·5	15·8				
54		Tiruvallur			2	4,375	3,771	8,146	4,073	7,304	3,041	2,984	6,397	451	1,309	429	205	93·3	38·8		6·2	15·7				
		Total of district	1,392,515	453	14	27,680	23,474	51,154	3,654	45,441	21,953	14,914	39,111	3,250	8,757	3,549	1,487	92·7	48·5	30·6	7·2	16·4	34,399	24·7	931	0·7
55	Chittoor.	Chandragiri			1	2,087	1,791	3,878	3,878	3,580	1,190	1,727	3,013	400	543	142	153	94·7	36·4		11·2	28·2				
56		Chittoor			4	4,331	3,520	7,851	1,963	7,874	3,814	2,596	6,624	771	1,214	356	193	93·2	34·9		9·8	15·9				
57		Kalahasti			1	2,087	1,863	3,950	3,950	3,652	1,542	1,692	3,339	268	569	199	131	98·7	45·4		7·3	23·02				
58		Madanapalle			2	3,082	2,697	5,779	2,890	5,428	2,760	2,163	4,960	375	588	182	117	98·1	38·6		6·9	19·9				
59		Palmaner and Punganoor	1,233,782	217	3	2,992	2,623	5,615	1,872	5,482	2,213	2,276	4,598	553	781	166	87	93·3	23·9	...	10·1	11·1	...	...	...	...
60		Puttur			2	3,034	2,558	5,592	2,796	5,148	2,270	2,146	4,589	407	767	133	155	96·8	21·7		7·9	20·2				
61		Tiruttani			2	3,404	2,738	6,142	3,071	5,674	2,354	2,418	4,829	546	666	184	118	94·2	33·6		9·6	17·7				
62		Voyalpad			2	3,495	2,456	5,951	2,976	5,411	2,542	1,812	4,637	498	1,078	384	221	94·4	44·8		9·2	20·5				
		Total of district	1,233,782	217	17	24,512	20,246	44,758	2,633	42,249	18,685	16,830	36,589	3,818	6,206	1,746	1,175	95·2	34·7	31·1	9·03	18·9	28,067	22·7	684	0·5
63	Coimbatore.	Avanashi			2	3,689	3,633	7,323	3,661	7,040	2,039	3,558	5,780	747	1,166	487	235	91·8	52·3		10·7	20·1				
64		Bhavani			2	3,626	3,207	6,833	3,416	6,427	2,018	2,786	5,007	597	950	63	139	85·9	7·8		9·3	14·6				
65		Coimbatore			3	4,149	3,700	7,849	2,616	8,803	1,952	3,786	6,263	1,215	843	130	140	82·5	18·5		13·8	16·6				
66		Dharapuram			3	5,223	5,103	10,326	3,442	9,668	2,564	4,826	7,563	1,076	960	217	205	88·0	28·7		11·1	21·3				
67		Erode			3	6,011	5,656	11,667	3,889	10,766	2,813	5,587	8,780	1,213	1,019	86	210	91·9	10·6		11·3	20·6				
68		Kollegal	2,082,063	307	2	2,526	2,287	4,813	2,406	4,355	1,371	2,220	3,668	331	657	235	84	91·2	40·9	...	7·6	12·8	...	...	...	...
69		Pollachi			3	5,004	4,555	9,559	3,186	8,631	2,788	3,517	6,757	1,061	1,797	409	159	89·3	25·0		13·3	8·8				
70		Satyamangalam			3	4,323	4,085	8,408	2,803	8,499	2,689	3,744	6,741	1,123	926	240	245	91·4	35·2		13·2	26·4				
71		Tiruppur			3	5,964	5,504	11,468	3,823	10,730	2,929	5,470	8,826	1,032	738	59	108	91·0	9·4		9·6	14·6				
72		Udamalpet			2	3,359	3,085	6,444	3,222	6,332	1,070	3,334	4,079	688	482	89	69	82·9	21·5		10·9	14·3				
		Total of district	2,082,063	307	26	43,874	40,815	84,689	3,257	81,251	22,233	38,828	64,064	9,083	9,538	2,015	1,594	88·8	25·4	31·2	11·2	16·7	41,238	19·8	1,308	0·6
73	Cuddapah.	Badvel			2	2,698	2,326	5,024	2,512	4,988	858	2,203	3,301	573	303	42	42	74·8	16·1		11·5	13·9				
74		Cuddapah			3	1,325	1,172	2,497	1,249	2,802	1,034	1,155	2,274	294	200	61	59	90·7	43·3		10·5	29·5				
75		Jammalamadugu			2	2,868	2,378	5,246	2,623	5,184	1,465	2,223	4,098	438	976	280	118	86·3	32·6		8·4	12·1				
76		Kamalapuram			2	891	667	1,558	779	1,581	472	686	1,246	132	248	57	83	86·0	34·5		8·3	33·5				
77		Proddatur	852,506	145	2	2,937	2,283	5,220	2,610	5,085	1,223	2,423	3,928	361	765	185	149	83·1	30·3	...	7·2	19·5	...	...	...	...
78		Pulivendla			2	3,322	2,438	5,760	2,880	5,009	1,323	2,461	4,038	330	822	120	72	86·3	16·0		6·6	8·7				
79		Rajampet			3	2,953	2,210	5,163	1,721	4,552	1,127	2,412	3,713	501	1,134	478	339	91·6	60·1		11·1	29·9				
80		Rayachoti			2	2,501	2,244	4,745	2,373	4,987	1,986	2,174	4,340	345	450	176	61	93·5	45·2		6·9	13·5				
81		Siddhout			2	1,100	987	2,087	1,044	2,115	426	1,073	1,578	240	120	33	18	84·2	32·3		11·3	15·0				
		Total of district	852,506	145	20	20,595	16,705	37,300	1,865	36,303	9,924	16,813	28,516	3,214	5,018	1,432	941	86·2	35·1	35·1	8·8	18·7	17,382	20·4	643	0·7
82	Ganjam.	Aska			3	3,479	2,569	6,048	2,016	4,870	1,733	1,911	3,825	471	1,695	255	379	86·9	19·4		9·7	22·4				
83		Berhampur			3	3,410	2,706	6,116	2,039	5,159	2,279	1,725	4,213	527	1,425	429	417	90·9	42·6		10·2	29·3				
84		Chatrapur			2	2,201	2,162	4,363	2,181	4,112	1,953	1,331	3,497	352	467	75	52	93·0	18·1		8·6	11·1				
85		Chicacole			4	3,081	3,409	6,490	1,623	4,468	2,018	1,607	3,729	393	2,022	1,003	329	91·5	59·2		8·8	16·3				
86		Gumsur			3	2,028	1,814	3,842	1,281	4,335	1,428	2,034	3,603	383	362	110	69	91·2	37·5		8·8	19·1				
87		Hiramandalam	1,767,775	...	2	765	801	1,566	783	1,488	743	441	1,205	153	138	35	50	91·6	39·8	...	10·4	36·2	...	...	...	...
88		Parlakimedi			4	3,456	3,070	6,526	1,632	5,742	2,926	1,763	4,751	414	796	203	145	89·2	31·2		7·2	18·2				
89		Purushottampur			3	2,917	2,851	5,768	1,923	6,131	2,179	2,383	4,804	851	374	87	163	91·0	41·2		13·9	43·6				
90		Sompeta			4	3,956	3,216	7,172	1,793	5,414	1,988	2,071	4,253	688	1,819	489	594	90·0	30·9		12·7	32·6				
91		Surada			2	1,006	774	1,780	890	1,409	416	643	1,124	147	495	89	107	89·1	22·9		10·4	21·6				
92		Tekkali			4	3,624	3,178	6,802	1,701	4,852	1,842	2,092	4,114	352	1,992	932	215	91·4	52·4		7·3	10·8				
		Total of district	1,767,775	...	34	29,923	26,550	56,473	1,661	47,958	19,505	18,001	39,118	4,731	11,585	3,707	2,520	90·5	40·9	24·2	9·9	21·7	49,180	27·8	921	0·5
93	Gōdāvari.	Alamur			2	3,683	3,052	6,735	3,367	5,247	1,770	2,085	4,189	573	1,585	221	176	89·6	15·7		10·9	11·1				
94		Amalapuram			2	4,014	3,451	7,465	3,732	7,341	1,433	3,542	5,511	874	926	294	160	85·2	38·4		11·9	17·3				
...		Cocanada	...	...	1	1,642	1,291	2,933	2,933	2,338	498	1,231	1,812	320	610	303	138	89·7	64·2	...	13·7	22·7	...	...	...	...
...		Coringa			1	1,312	989	2,301	2,301	2,180	468	1,266	1,707	163	538	226	77	89·1	49·0		7·5	14·3				
95		Kothapettah			1	2,669	2,066	4,735	4,735	4,154	1,471	1,799	3,350	419	1,080	293	193	89·7	33·0		10·1	17·9				

A.—VACCINE DEPARTMENT—*cont.*

Statement No. I showing the particulars of Vaccination in the Madras Presidency for the official year 1923-24—cont.

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary vaccination.		Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.		Primary vaccination.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
1	2	3	4	5	6	7			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
...	Godavari—*cont.*	Peddapuram	1,350,440	...	1	2,234	1,986	4,220	4,220	3,723	1,320	1,461	2,952	322	522	79	113	86·8	19·3	...	8·6	21·6	...	...	...	...
96		Pittapuram			2	1,873	1,806	3,679	1,839	3,715	1,198	1,738	3,041	350	582	228	136	90·3	51·1		9·4	23·4				
97		Prattipadu			1	1,385	1,201	2,586	2,586	2,562	895	1,154	2,123	154	172	50	41	88·2	38·2		6·01	23·8				
98		Rajahmundry			2	4,074	3,492	7,566	3,783	5,909	2,105	2,154	4,536	809	1,953	317	354	88·9	19·8		13·7	18·1				
99		Ramachandrapuram ...			1	1,873	1,636	3,509	3,509	2,566	949	1,059	2,210	162	946	256	86	91·9	29·8		6·3	9·1				
100		Razole			1	2,677	2,051	4,728	4,728	5,127	1,062	2,304	4,042	461	677	360	69	86·6	59·2		8·9	10·2				
...		Tuni			1	1,722	1,758	3,480	3,480	3,462	1,143	1,590	2,812	330	117	56	31	89·8	65·1		9·5	26·5				
		Total of district ...	1,350,440	...	16	29,158	24,779	53,937	3,371	48,324	14,312	21,383	38,375	4,937	9,708	2,683	1,574	88·4	32·9	30·4	10·2	16·2	33,496	24·8	635	0·5
101	Guntur.	Bapatla	1,695,773	296	3	6,336	4,796	11,132	3,711	9,772	1,979	4,849	7,811	1,327	2,158	970	399	92·5	55·1	...	13·6	18·5	...	...	...	...
102		Guntur			3	4,455	3,954	8,409	2,803	8,388	2,935	3,924	7,192	579	924	244	83	92·8	29·0		6·9	8·9				
103		Guruzala			3	3,422	2,518	5,940	1,980	6,958	2,429	3,487	6,110	415	896	428	148	93·4	57·2		6·0	16·5				
104		Narasaraopet			3	5,254	4,608	9,862	3,387	9,591	2,666	4,809	7,727	784	1,513	577	368	87·7	50·4		8·2	24·3				
105		Ongole			2	4,570	4,210	8,780	4,290	8,176	2,868	3,875	7,076	467	852	438	88	91·8	57·3		5·7	10·3				
106		Repalli			2	3,367	2,820	6,187	3,093	6,134	1,137	3,185	4,846	641	1,392	518	253	88·2	45·5		10·4	18·2				
107		Sattenapalli			3	4,455	3,923	8,378	2,793	7,078	2,268	3,225	5,652	358	2,115	763	156	84·1	39·0		5·0	7·4				
108		Tenali			2	4,623	4,119	8,742	4,371	6,647	4,177	1,551	5,728	423	2,095	1,408	62	92 3	69·3		6·4	2·9				
109		Vinukonda			2	2,081	1,651	3,732	1,866	3,002	768	1,034	1,942	314	1,284	225	158	72·2	20·0		10·4	12·3				
		Total of district ...	1,695,773	296	23	38,563	32,599	71,162	3,094	65,746	21,227	29,959	54,084	5,308	13,229	5,571	1,715	89·5	48·4	35·2	8·1	12·9	30,783	18·1	1,327	0·8
110	Kistna.	Bhimavaram	1,981,286	335	2	3,742	3,171	6,913	3,457	6,380	1,474	3,573	5,582	448	726	252	64	94·1	38·1	...	7·0	8·8	...	...	...	...
111		Bezwada			2	2,728	2,430	5,158	2,579	5,652	1,728	2,408	4,312	780	457	81	99	88·5	22·6		13·8	21·7				
...		Divi			2	3,416	2,938	6,354	3,177	3,592	1,060	1,750	3,066	300	3,297	1,002	512	93·1	35·9		8·3	15·6				
...		Ellore			2	2,658	2,841	5,499	2,749	5,833	2,026	2,279	4,599	595	1,103	425	198	87·8	46·9		10·2	17·8				
112		Gudivada			3	5,449	4,337	9,786	3,262	7,252	1,191	4,182	5,874	913	3,740	864	593	92·7	27·4		12·6	15·9				
113		Gunnavaram			2	3,913	3,500	7,413	3,706	6,916	1,709	3,654	5,680	690	1,440	296	238	91·2	24·6		9·9	16·5				
114		Kaikalur			1	1,693	1,487	3,180	3,180	2,971	643	1,679	2,500	268	556	173	105	92·5	38·3		9·9	18·9				
115		Korvur			2	2,489	2,270	4,759	2,379	5,269	1,897	2,229	4,301	549	902	382	170	91·1	52·1		10·4	18·8				
116		Masulipatam			1	1,855	1,645	3,500	3,500	3,516	1,195	1,636	3,090	234	612	206	85	94·1	39·1		6·6	13·9				
117		Nandigama			2	3,049	2,481	5,530	2,765	5,218	1,621	2,568	4,433	587	751	205	236	95·8	39·8		11·2	31·4				
118		Narasapur			2	3,078	2,708	5,786	2,893	6,016	1,453	2,851	4,879	840	597	173	139	94·3	37·8		13·9	23·2				
...		Tanuku			4	6,138	6,115	12,253	3,064	12,479	5,010	4,508	10,095	1,450	1,281	427	167	91·5	38·3		11·6	13·0				
119		Tiruvoor			1	1,498	1,379	2,877	2,877	2,938	622	1,596	2,447	305	228	101	38	92·9	53·2		10·4	16·9				
		Total of district ...	1,981,286	335	26	41,706	37,302	79,008	3,039	74,032	21,623	34,913	60,863	7,959	15,690	4,587	2,644	92·1	35·2	33·03	10·7	16·8	44,918	22·7	1,473	0·7
120	Kurnool.	Dhone	868,858	115	2	2,683	2,143	4,826	2,413	4,309	1,316	1,648	3,142	534	986	206	77	83·2	22·7	...	12·6	7·8	...	...	...	...
121		Giddalore			2	2,125	1,663	3,788	1,894	4,174	1,529	1,784	3,398	262	509	167	99	87·3	40·7		6·7	19·4				
122		Koilkuntla										2,810	5,537	718	835	217	139	82·0	31·2		9·6	16·6				
...		Siruvel *			4	3,651	2,838	6,489	1,622	7,474	2,445	1,389	3,642	622	1,176	201	347	82·1	24·2	...	12·3	29·5	...	...	...	...
123		Kurnool			2	3,528	2,563	6,091	3,045	5,057	2,144	1,479	3,451	214	827	394	51	82·9	50·8		4·9	6·2				
124		Markapur			2	2,330	1,915	4,245	2,123	4,376	1,834	1,579	3,014	603	1,424	158	327	75·2	14·4		13·1	22·9				
125		Nandikotkur			2	3,034	2,271	5,305	2,653	4,611	1,234	739	1,596	243	149	31	34	85·7	27·0		11·5	22·8				
126		Nandyal			1	1,202	1,009	2,211	2,211	2,106	818	1,408	3,949	444	516	81	105	87·1	19·7		8·9	20·3				
127		Pattikonda			2	2,484	2,199	4,683	2,341	4,978	2,444															
		Total of district ...	868,858	115	17	21,037	16,601	37,638	2,214	37,085	13,764	12,836	27,729	3,660	6,422	1,455	1,179	82·9	27·7	36·3	9·9	18·3	41,099	24·3	473	0·5
128	Madura.	Dindigal	1,778,663	410	2	3,652	3,084	6,736	3,368	7,727	3,613	2.287	6,349	808	1,467	914	201	91·8	72·2	...	10·5	13·7	...	...	...	...
129		Kodaikanal			1	527	432	959	959	1,393	449	625	1,226	88	320	201	42	93·9	72·3		6·3	13·1				
130		Madura			2	3,518	2,977	6,495	3,248	5,515	2,388	1,619	4,102	919	1,412	394	351	89·3	37·1		16·7	24·9				
131		Melur			2	3,287	2,636	5,923	2,962	5,921	1,448	2,731	4,380	547	1,425	373	103	81·5	28·2		9·2	7·2				
132		Nilakkottai			2	3,584	3,063	6,647	3,323	7,322	3,512	1,800	5,501	934	839	149	62	86·1	19·2	...	12·8	7·4	...	...	...	...
133		Palni			2	4,040	3,736	7,776	3,888	8,363	4,146	1,876	6,149	909	919	117	148	82·5	15·2		10·9	16·1				
134		Periyakulam			3	5,986	5,437	11,423	3,808	11,414	6,389	2,581	9,195	1,353	942	352	272	91·4	52·5		11·9	28·9				
135		Tirumangalam			3	7,104	6,312	13,416	4,472	13,403	7,207	3,159	10,793	1,438	1,241	295	151	90·2	27·1		10·7	12·2				
136		Vedasendur			2	3,466	2,945	6,411	3,206	6,365	3,200	1,753	5,129	586	798	189	122	88·7	27·9		9·2	15·4				
		Total of district ...	1,778,663	410	19	35,164	30,622	65,786	3,462	67,423	32,352	18,431	52,824	7,582	9,363	2,984	1,452	88·3	37·7	31·4	11·2	15·5	40,093	22·5	1,223	0·7
137	Malabar.	Alathur	...	...	2	1,563	1,408	2,971	1,485	2,688	1,249	730	2,117	227	597	191	78	86·0	36·8	...	8·4	18·1	...	...	...	...
138		Badagara			2	4,424	4,079	8,503	4.251	6,388	2,684	2,460	5,528	614	2,646	1,106	328	95·7	47·7		9·6	12·4				
139		Calicut			3	5,817	5,194	11,011	3,670	7,373	2,917	2,707	6,481	619	3,873	1,682	439	95·9	48·9		8·4	11·3				
140		Chirakkal			3	8,212	6,883	15,095	5,032	12,767	4,783	4,247	10,818	1,358	2,530	840	562	94·8	42·7		10·6	22·2				
141		Chowghat			2	5,105	5,124	10,229	5,114	8,818	4,687	2,546	7,890	536	2,408	944	301	95 3	44·8		6 1	12·5				

* The Health Inspector was entertained in November 1923 but was posted to Markapur Taluk on Relapsing Fever duty.

A.—VACCINE DEPARTMENT—*cont.*

Statement No. I showing the particulars of Vaccination in the Madras Presidency for the official year 1923-24—cont.

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary vaccination.		Successful.			Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.	1 and under 6 years.	Total of all ages.	Unknown.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.		Primary vaccination.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
1	2	3	4	5	6	7			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
142	Malabar—*cont.*	Manjeri	2,885,660	519	2	9,383	7,191	16,574	8,287	10,361	3,097	4,818	9,118	706	6,673	3,350	862	94·4	57·6		6·8	12·9				
143		Ottapalam			2	5,305	5,779	11,084	5,542	8,700	2,739	3,686	7,593	614	2,793	1,279	461	93·9	54·8		7·8	16·5				
144		Palghat			2	5,679	5,158	10,837	5,418	7,778	3,671	2,348	6,592	875	3,403	737	550	95·5	25·8		11·2	16·2				
145		Perintalmanna			2	4,640	4,080	8,620	4,310	6,957	3,221	2,840	6,340	242	2,184	1,049	186	94·4	52·5		3·5	8·5				
146		Ponnāni			1	1,460	1,486	2,946	2,946	2,262	1,487	449	2,011	183	806	313	91	96·7	43·8		8·1	11·3				
147		Quilandy			2	4,524	4,052	8,576	4,288	6,725	2,953	2,886	6,330	312	1,893	1,183	235	98·7	71·3	...	4·6	12·4	...	...	...	...
148		Tellicherry			2	7,491	6,448	13,939	6,969	9,008	2,768	3,373	8,045	564	4,974	1,287	15	95·3	25·9		6·3	0·3				
149		Tirur			2	8,871	7,975	16,846	8,423	12,756	8,107	2,983	11,972	541	4,609	2,051	186	98·0	46·4		4·2	4·0				
150		Tirurangadi			2	8,464	7,131	15,595	7,797	12,124	3,743	5,421	10,414	1,378	3,569	1,345	981	98·9	51·9		11·4	27·5				
151		Wynaad			3	3,762	2,627	6,389	2,130	4,309	942	1,878	3,607	536	2,279	616	995	95·6	48·0		12·4	43·6				
		Total of district	*2,885,660	519	32	84,600	74,615	159,215	4,975	119,014	49,048	43,352	104,856	9,305	45,237	17,973	6,270	95·6	46·1	42·6	7·8	13·9	75,204	26·1	1,899	0·6
152	Nellore.	Atmakur	1,349,538	168	2	2,067	1,718	3,785	1,893	4,096	667	2,052	2,922	317	321	78	55	77·3	29·3		7·7	17·1				
153		Darsi			1	1,192	1,164	2,356	2,356	2,686	476	1,709	2,304	137	83	36	5	90·4	46·1		5·1	6·0				
154		Gudur			2	1,957	1,893	3,850	1,925	3,062	961	1,738	2,830	149	1,068	434	238	97·1	52·0		4·9	22·3				
155		Kandukur			2	3,651	1,392	6,743	3,371	5,430	1,382	2,674	4,285	468	1,313	298	225	86·4	27·4		8·6	17·1				
156		Kanigiri			2	2,460	2,251	4,711	2,355	4,307	596	2,637	3,449	179	441	119	37	83·5	29·4		4·1	8·4				
157		Kavali			2	2,624	2,391	5,015	2,508	4,192	695	2,440	3,429	258	1,097	323	171	87·2	34·9	...	6·1	15·6	...	...	...	...
158		Kovvur			2	2,472	2,130	4,602	2,301	4,402	1,109	1,953	3,286	394	487	57	64	82·0	13·5		8·9	13·1				
159		Nellore			2	2,548	1,945	4,493	2,246	4,041	862	2,277	3,453	401	908	270	186	94·9	37·4		9·9	20·5				
160		Podili			1	1,295	1,306	2,601	2,601	2,920	411	1,893	2,408	90	71	12	8	85·1	19·0		3·1	11·1				
161		Rapur			2	1,312	1,212	2,554	1,277	2,644	800	1,276	2,237	199	399	95	57	91·5	27·8		7·5	14·3				
162		Udayagiri			2	1,579	1,437	3,016	1,508	3,324	428	2,159	2,764	125	239	69	49	86·4	36·3		3·8	20·5				
163		Venkatagiri			2	2,322	2,236	4,558	2,279	5,021	1,213	2,603	4,066	582	636	153	144	91·6	31·1		11·6	22·6				
		Total of district	1,349,538	168	22	25,509	22,775	48,284	2,195	46,125	9,600	26,411	37,433	3,298	7,063	1,944	1,239	87·4	33·4	29·2	7·1	17·5	31,013	23·0	805	0·6
164	The Nilgiris.	The Nilgiris circle	94,837	73	3	3,968	2,853	6,821	2,274	3,913	1,545	1,310	3,574	269	2,908	1,357	511	98·1	56·6	52·0	6·8	17·6	3,834	40·4	109	1·1
		Total of district	94,837	73	3	3,968	2,853	6,821	2,274	3,913	1,545	1,310	3,574	269	2,908	1,357	511	98·1	56·6	52·0	6·8	17·6	3,834	40·4	109	1·1
165	Rāmnād.	Aruppukkotai	1,654,204	328	3	4,025	3,437	7,462	2,487	7,023	2,076	3,291	5,666	916	605	199	147	92·8	43·5		13·04	24·3				
166		Mudukulattur			2	3,285	3,051	6,336	3,168	6,610	1,882	3,417	5,618	396	706	303	112	90·4	51·0		6·0	15·9				
167		Rāmnād			4	6,623	5,548	12,171	3,043	10,659	3,482	3,598	7,583	1,595	2,234	246	172	83·7	11·9		14·9	7·7				
168		Sattur			3	3,948	3,227	7,175	2,392	6,841	2,798	2,411	5,548	467	718	197	47	87·04	29·4		6·8	6·6				
169		Sivaganga			3	3,757	3,380	7,137	2,379	6,972	1,806	3,404	5,499	838	364	145	56	89·7	47·1	...	12·62	15·4	...	..	...	...
170		Srivilliputtur			2	4,563	3,546	8,109	4,055	6,772	3,167	2,198	5,566	330	1,537	564	271	86·4	44·5		4·9	17·6				
171		Tiruppattūr			3	3,299	2,878	6,177	2,059	6,115	1,777	2,316	4,393	657	510	149	70	80·5	33·9		10·7	13·7				
172		Tiruvadanai			2	2,502	1,615	4,117	2,059	4,106	554	1,516	2,394	609	422	91	74	68·5	26·2		14·8	17·5				
		Total of district	1,654,204	328	22	32,002	26,682	58,684	2,667	55,098	17,562	22,151	42,267	5,808	7,096	1,894	949	85·8	30·8	26·7	10·5	13·4	34,010	20·6	1,229	0·7
173	Salem.	Atur	2,059,790	326	2	3,061	3,041	6,102	3,051	5,903	2,721	2,214	5,223	239	461	283	14	92·2	58·8		4·04	3·04				
174		Dharmapuri			3	3,828	3,127	6,955	2,318	7,000	2,393	3,401	5,908	497	994	445	167	90·8	53·8		7·1	16·8				
175		Harur			2	2,424	2,334	4,758	2,379	4,705	826	2,338	3,459	302	522	231	40	78·6	47·9		6·4	7·7				
176		Hosur			2	3,108	2,455	5,563	2,781	4,525	2,345	1,580	3,991	358	1,172	393	218	95·8	41·2		7·9	18·6				
177		Krishnagiri			2	3,407	2,537	5,944	2,972	5,030	1,455	2,497	4,020	427	1,366	399	169	87·3	33·4		8·5	12·4				
178		Namakkal			2	3,404	2,887	6,291	3,146	5,812	1,213	2,884	4,237	500	525	291	56	79·8	62·0	...	8·6	10·7	...	...	...	...
179		Omalur			2	3,734	3,621	7,355	3,677	8,409	1,802	4,453	6,673	615	513	112	71	85·6	25·3		7·3	13·8				
180		Rasipuram			2	3,097	2,686	5,783	2,886	5,572	1,023	2,931	4,309	575	570	113	45	80·2	21·5		10·3	7·9				
181		Salem			2	3,318	3,330	6,648	3,324	7,092	3,338	3,060	6,532	242	258	167	31	95·3	73·6		3·4	12·01				
182		Sankari			4	5,091	4,902	9,993	2,498	11,305	2,228	5,879	8,625	1,200	412	68	62	85·3	19·4		10·6	15·0				
		Total of district	2,059,790	326	23	34,472	30,870	65,342	2,841	65,353	19,344	31,267	52,977	4,955	6,793	2,482	873	87·7	41·9	20·7	7·6	12·8	34,615	16·8	1,252	0·6
183	South Kanara.	Coondapur	1,193,491	296	2	3,129	2,872	6,001	3,000	5,555	2,265	2,208	4,628	490	753	254	124	91·4	40·4		8·8	16·5				
184		Kārkāl			2	3,623	3,036	6,659	3,329	5,807	2,289	2,695	5,187	514	1,008	399	148	98·0	46·4		8·8	14·7				
185		Kasaragōd			3	3,998	3,633	7,631	2,543	4,955	1,084	1,652	3,171	1,128	2,838	812	937	82·9	42·7		22·8	32·7				
186		Mangalore			3	5,147	4,115	9,262	3,087	6,966	2,681	3,167	6,220	459	3,374	1,507	298	95·6	49·0	...	6·6	8·8	...	...	...	...
187		Pattur			2	3,293	3,253	6,546	3,273	4,764	2,503	1,433	4,241	432	2,005	1,125	236	97·9	63·6		9·1	11·8				
188		Udipi			3	5,086	4,737	9,823	3,275	9,374	4,497	4,028	8,842	469	743	385	121	99·3	61·9		5·0	16·3				
189		Uppinangadi			3	3,060	2,824	5,884	1,961	3,457	982	1,501	2,780	510	2,917	1,393	530	94·3	58·4		14·8	18·2				
		Total of district	†1,193,491	296	18	27,336	24,470	51,806	2,878	40,878	16,334	16,684	35,069	4,002	13,038	5,875	2,394	95·1	52·2	34·3	9·8	17·5	37,273	31·2	1,086	0·9

* Excludes Laccadives (9,472).

† Excludes Amindivi Islands (4,165).

A.—VACCINE DEPARTMENT—*cont.*

Statement No. I showing the particulars of Vaccination in the Madras Presidency for the official year 1923-24—cont.

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary vaccination.												Re-vaccination.				Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
										Total number of operations.	Under 1 year.												Total number of operations.	Successful.	Unknown.									
						Males	Females.	Total.				1 and under 6 years.															Primary vaccination.	Re-vaccination.			Primary vaccination.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
1	2	3	4	5	6	7			8	9	10	11												14	15	16	17	18	19	20	21	22	23	24	25
190	Tanjore.	Arantangi	2,077,259	564	2	2,353	2,058	4,411	2,205	4,684	860	2,622	3,837	264	94	41	8	86·8	47·7	...	5·6	8·5	...	...	...	...								
...		Kumbakonam			2	3,640	3,190	6,830	3,415	6,760	1,846	2,584	4,676	1,396	569	97	117	87·2	21·5	...	20·6	20·6												
191		Mannargudi			2	3,314	3 193	6,507	3,253	7,084	2,299	2,978	5,556	998	232	57	74	91·3	36·1	...	14·1	31·9												
...		Mayavaram, East ...			1	2,637	2,389	5,026	5,026	4,329	1,470	1,958	3,605	248	981	507	182	88·3	63·4	...	5·7	18·5												
192		Mayavaram, West ...			1	2,501	2,027	4,528	4,528	3,569	788	1,951	3,091	273	1,557	664	77	93·8	44·9	...	7·6	4·9												
193		Nannilam, North ...			1	1,840	1,654	3,494	3,494	3,581	737	1,685	2,636	364	192	43	8	82·4	23·4	...	10·2	4·2												
194		Nannilam, South ...			1	1,745	1,517	3 282	3 262	3,557	770	1,667	2,674	491	229	51	57	87·2	29·6	...	13·8	24·9												
...		Negapatam			1	2,611	2,408	5,019	5,019	5,507	1,551	3,160	4,776	518	571	318	151	95·7	75·7	...	9·4	26·4												
195		Papanasam			2	3,733	3,492	7,225	3,612	6,630	2,645	1,672	5,353	848	1,030	522	99	92·6	56·1	...	12·8	9·6												
196		Pattukkottai			2	3,755	3,375	7,130	3,555	7,042	1,448	3,775	5,821	827	222	96	44	93·7	53·9	...	11·7	19·8												
197		Shiyali			1	3,195	2,588	5,783	5,783	5,805	1,388	2,984	4,738	330	1,025	535	117	86·5	58·9	...	5·7	11·4												
198		Tanjore, North ...			2	3,054	2,773	5,827	2,913	6,622	1,114	3,153	4,811	1,192	237	51	13	88·6	22·8	...	18·0	5·5												
...		Tanjore, South			2	3,526	3,117	6,643	3,322	6 735	1,232	2,948	4,809	1,095	431	123	132	85·3	41·1	...	16·2	30·6												
...		Tirutturaippundi ...			2	4,572	3,986	8,558	4,279	8,222	2,136	4,377	7,121	768	797	433	161	95·5	68·1	...	9·3	20·2												
		Total of district ...	2,077,259	564	22	42,476	37,767	80,243	3,647	89,107	20,284	37,514	63,504	9,612	8,167	3,538	1,240	90·1	51·1	32·3	12·0	15·2	33,057	15·9	2,343	1·1								
199	Tinnevelly.	Ambasamudram ...	1,666,448	404	2	3,196	3,038	6,234	3,117	6,953	2,743	2,428	5,396	924	597	154	153	89·5	34·7	...	13·3	25·6	...	...	...	...								
200		Kovilpatti			2	3,509	2,757	6,266	3,133	6,983	3,079	1,762	4,939	987	874	280	275	82·3	46·7	...	14·1	31·5												
201		Nanguneri			2	4,440	3,961	8,401	4,200	9,594	3,282	3,868	7,494	1,001	985	303	163	87·2	36·8	...	10·4	16·5												
202		Sankarankoil			3	3,598	3,144	6,742	2,247	8,615	1,778	3,345	5,471	826	585	111	85	70·2	22·2	..	9·6	14·5												
203		Srivaikuntam			2	2,738	2,537	5,275	2,637	6.184	2,913	2,242	5,443	322	388	218	90	92·8	73·1	...	5·2	23·2												
204		Tenkasi			3	4,870	3,959	8,829	2 943	10,623	3,907	4,397	8,648	805	1,418	541	140	88·1	42·3	...	7·5	9·8												
205		Tinnevelly			2	2,415	1,916	4,331	2,165	5,037	1 515	1,961	3,764	581	807	284	135	84·4	42·2	...	11·5	16·7												
206		Tirunelendor			2	5,017	4,663	9,734	4,867	8,421	2,816	3,376	6,512	942	2,452	805	398	87·1	39·2	..	11·2	16·2												
207		Vilattikulam			2	3,945	3,116	7,061	3,530	8,845	2,310	3,705	6,505	928	894	350	240	84·3	53·5	...	10·8	26·8												
		Total of district ...	1,666,448	404	20	33,782	29,091	62,873	3,144	71,055	24,342	27,084	54,172	7,316	9,000	3,046	1,679	84·9	41·6	34·3	10·3	18·6	38,353	23·0	1,060	0·6								
208	Trichinopoly.	Ariyalur	1,741,014	404	2	3,338	2,780	6,118	3,059	5,796	1,823	2,435	4,483	526	623	123	94	85·1	23·2	...	9·1	15·1	...	...	...	...								
209		Jayakondam			2	4,066	3,616	7,682	3,841	7,769	1,370	4,107	5,830	1,176	755	291	173	88·4	50·0	...	15·1	22·9												
210		Karur			2	4,591	4,089	8,680	4,340	7,698	2,646	3,724	6,035	635	1,141	447	155	93·9	45·3	...	8·2	13·6												
211		Kulittalai			2	4,586	3,678	8,264	4,132	8,047	2.181	3,780	6,246	1,004	1,060	464	280	88·1	59·5	...	12·4	28·4												
212		Lalgudi			2	3,992	3,393	7,355	3,677	7,313	1.759	3,566	5,818	838	982	546	161	89·9	66·5	...	11·5	16·4												
213		Manapparai			2	3,778	3,358	7,136	3,568	5,913	1,976	2,465	4.594	813	1,339	491	224	90·1	44·0	...	13·8	16·7												
214		Musiri			2	3,624	3,059	6,683	3,342	6,675	2,420	2,399	5,171	625	733	231	81	85·5	35·4	...	9·3	11·1												
215		Perambalur			2	4,577	3,961	8.538	4,269	7,542	1,215	4,193	8,208	400	1,421	760	101	86·9	57·6	...	5·3	7·1												
216		Trichinopoly			1	3,779	2,977	6,756	6,756	5,940	1,420	2,951	4,855	725	861	174	125	93·1	23·6	...	12·2	14·5												
217		Turaiyur			2	3,978	3,554	7,532	3,766	7,526	1,701	4,004	6,347	577	556	218	81	91·3	45·9	...	7·7	14·6												
		Total of district ...	1,741,014	404	19	40,279	34,465	74,744	3,934	20,269	18,511	33,604	56,187	7,319	9.471	3,745	1,475	89·2	46·8	34·4	10·4	15·6	29,661	17·0	1,322	0·7								
218	Vizagapatam.	Anakapallo	2,119,434	...	1	2,394	2,441	4,835	4,835	4,398	1,480	1.880	3,455	372	480	44	69	85·8	10·7	...	8·5	14·4	...	...	...	...								
219		Bobbili			2	3,755	3,569	7,324	3,662	5,082	1,827	2,211	4,157	380	2,415	419	366	88·4	20·4	...	7·5	15·1												
...		Bimlipatam			2	2,373	2,194	4,567	2,284	5,892	1,255	2,818	4,406	587	509	129	72	83·1	29·5	..	10·0	14·1												
220		Chipurupalli			2	4,110	4,182	8,292	4,146	6,217	2,229	2,011	4,506	405	2,350	839	214	77·5	39·3	...	6·5	9·1												
...		Chodavaram			2	4,337	4,313	8,650	4,325	7,625	2,462	3,003	5,671	1,129	1,079	239	319	87·3	31·4	...	14·8	29·6												
221		Gajapatinagaram ...			2	4,264	4,107	8,371	4 186	7,063	1,530	3,173	5,149	557	1,309	123	86	79·0	10·1	...	7·9	6·6												
222		Narasapatam			2	3,132	2,839	5,971	2,986	6,330	1,421	2,810	4,553	1,091	551	126	274	86·9	45·5	...	17·2	49·7												
223		Palkonda			2	3,107	2,581	5,688	2,844	4,632	1,666	1,803	3,630	339	1,069	103	64	84·5	10·2	..	7·3	6·0												
...		Parvatipur			1	2,215	1,742	3,957	3,957	3,422	1,186	1,097	2,386	376	974	143	189	78·3	18·2	...	10·9	19·4												
...		Jami			1	2,450	2,632	5,082	5.082	4,188	1,372	1,313	2,769	635	1,399	204	471	77·9	21·9	...	15·2	33·7												
224		Razam			2	2,905	2,907	5,812	2,906	5,716	2,006	2,387	4,627	428	815	205	124	87·5	29·7	...	7·5	15·2												
225		Salur			1	1,804	1,840	3,644	3,644	3,754	1,051	1,223	2,497	285	925	177	88	71·8	28·2	...	7·6	9·5												
226		Vizagapatam			1	1,994	2.141	4,135	4,135	3,730	1,590	1,330	3,045	299	521	125	27	88·7	25·3	...	8·0	5·2												
227		Vizianagram			2	3,166	3,408	6,574	3,287	7,492	2.331	2,569	5,076	1,200	1,551	150	423	80·7	13·3	...	18·0	27·3												
228*		Yellamanchilli			2	4,252	4,396	8,648	4,324	7,839	2.769	3,113	6,337	591	1,189	406	169	87·4	39·8	...	7·6	14·2												
		Total of district ...	2,119,434	...	25	46,258	45,292	91,550	3,662	83,390	26,175	32,679	62,255	8,676	17,135	3,432	2,955	83·3	24·2	30·9	10·4	17·2	51,070	24·1	1,099	0·5								
		Total of districts ...	39,198,707	...	538	822,064	723,133	1,545.197	2,872	1,439,499	492,644	601,500	1,166,039	137,554	253,636	84,188	40,547	89·6	39·5	31·9	9·5	16·0	854,281	21·8	26,811	0·7								

* Excluding one range in the Coimbatore District, the Health Inspector whereof was engaged on special duty.

A.—VACCINE DEPARTMENT—*cont.*

Statement No. I showing the particulars of Vaccination in the Madras Presidency for the official year 1923-24—cont.

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile.	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary vaccination.						Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
										Total number of operations.	Successful.					Total number of operations.	Successful.	Unknown.										
						Males.	Females.	Total.			Under 1 year.	1 and under 6 years.	Total of all ages.	Unknown.					Primary vaccination.	Re-vaccination.		Primary vaccination.	Re-vaccination.	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
1		Adōni	30,232	8,637	1	736	714	1,450	1,450	1,356	1,236	97	1,334	19	94	94	...	99·8	100·0	47·2	1·4	...	1,085	32·6	25	0·8
2		Anakāpalle	20,376	2,264	1	558	380	938	938	795	430	223	764	...	154	74	7	96·1	50·3	41·1	...	4·5	767	37·6	6	0·3
3		Anantapur	11,452	1,272	1	324	203	527	527	474	208	99	308	67	114	13	13	75·7	12·9	28·0	12·0	11·4	315	27·5	13	1·1
4		Bellary	39,842	7,245	3	2,822	1,694	4,516	1,505	1,899	893	732	1,871	98	2,635	1,448	244	92·7	80·5	78·3	5·2	9·3	2,399	60·2	5	0·1
5		Berhampur	32,845	5,474	1	849	683	1,532	1,532	1,221	954	243	1,198	...	336	282	6	98·1	85·5	45·1	...	1·8	1,378	42·0	34	1·03
6		Bezwada	44,263	7,360	1	1,220	901	2,121	2,121	1,463	1,033	256	1,362	4	746	388	22	97·4	53·6	37·3	0·3	2·9	1,413	31·9	8	0·2
7		Bimlipatam	7,510	15,020	1	265	272	537	537	307	256	11	280	...	259	111	...	91·2	42·9	52·1	...	...	480	63·9	2	0·3
8		Bōdināyakkanūr ...	20,341	5,085	1	301	290	591	591	596	417	165	582	..	7	6	...	97·7	85·7	28·9	...	...	581	28·6	20	0·9
9		Calicut	82,334	8,033	3	4,111	2,503	6,614	2,205	3,566	2,105	1,026	3,378	1	3,363	2,835	2	94·8	84·3	75·5	0·03	0·04	7,931	96·3	273	3·3
10		Cannanore	27,705	5,689	1	3,680	2,096	5,776	5,776	1,744	587	672	1,674	1	4,952	3,086	42	96·04	62·9	171·8	0·1	0·9	1,618	58·4	7	0·3
11		Chicacole	16,346	5,449	1	541	365	906	906	436	345	58	423	...	470	392	...	97·02	83·4	49·9	...	...	725	44·4	12	0·7
12		Chidambaram	22,501	11,251	1	296	169	465	465	284	9	243	254	14	185	75	39	94·1	51·4	14·6	4·9	21·1	683	30·4	11	0·5
13		Chingleput	11,763	7,842	1	470	331	801	801	502	343	138	491	5	299	97	52	98·8	39·3	50·0	0·99	17·4	560	47·6	2	0·2
14		Chirala	15,328	7,663	1	1,917	1,388	3,305	3,305	1,164	141	746	997	149	2,266	940	609	96·3	56·7	126·4	12·6	26·9	8	0·5	...	..
15		Chittoor	17,941	2,392	1	339	288	627	627	601	416	161	589	2	45	2	23	98·3	9·1	32·9	0·3	51·1	477	26·6	12	0·7
16		Cocanada	53,125	8,854	2	1,660	1,191	2,851	1,426	2,315	1,094	712	2,055	94	536	207	27	92·6	41·1	42·6	4·1	5·0	2,765	52·0	55	1·03
17		Cochin	20,637	20,637	2	992	828	1,820	910	777	456	108	621	19	1,114	284	24	81·9	26·1	43·8	2·4	2·2	932	45·2	76	3·7
18		Coimbatore	65,788	9,048	5	2,235	1,706	3,941	788	3,639	2,177	904	3,098	21	554	101	60	85·6	20·5	48·6	0·6	10·8	2,081	31·6	131	2·0
19		Conjeeveram	61,376	15,344	2	961	758	1,719	859	1,597	1,015	199	1,251	151	242	140	33	86·5	60·6	22·7	9·4	13·2	1,467	23·9	43	0·7
20		Coonoor	12,215	2,041	1	505	509	1,014	1,014	810	368	329	750	1	204	82	...	92·7	40·2	68·1	0·1	...	453	37·1	20	1·6
21		Cuddalore	50,527	3,799	2	1,082	1,007	2,089	1,045	1,949	1,423	468	1,921	23	140	112	3	99·7	81·8	40·2	1·2	2·1	1,966	38·9	16	0·3
22		Cuddapah	19,517	4,337	1	965	320	1,285	1,285	646	331	247	621	3	645	79	203	96·6	17·9	35·9	0·5	31·5	472	24·2	10	0·5
23		Dhārāpuram	16,124	8,062	1	349	267	616	616	610	351	155	520	3	36	8	10	85·7	30·8	32·7	0·5	27·8	428	26·6	21	1·3
24		Dindigul	30,922	6,902	1	675	490	1,165	1,165	870	736	81	817	14	296	128	28	95·4	47·8	30·6	1·6	9·5	1,065	34·4	27	0·9
25		Ellore	45,735	14,292	2	1,230	896	2,126	1,063	1,754	964	648	1,635	37	436	206	81	95·2	58·0	40·3	2·1	18·6	1,802	41·6	34	0·7
26		Erode	22,911	6,186	1	395	319	714	714	692	427	192	642	1	48	4	9	92·9	10·3	28·2	0·1	18·8	457	19·9	19	0·8
27		Gudiyāttam	22,803	19,002	1	475	472	947	947	964	701	226	937	13	2	1	...	98·6	50·0	41·1	1·35	...	585	25·7	35	1·5
28		Guntūr	48,188	10,253	2	1,513	1,279	2,792	1,396	1,661	1,185	416	1,654	...	1,140	523	80	99·6	49·4	45·2	...	7·0	1,574	32·7	15	0·3
29		Hindupur	12,456	6,232	1	732	313	1,045	1,045	735	370	223	616	34	378	115	61	87·8	36·3	58·7	4·6	16·1	137	11·0	...	...
30		Hospet	18,337	6,486	1	497	457	954	954	897	668	125	795	30	64	7	...	91·7	10·9	43·7	3·3	...	586	32·0	14	0·8
31		Karūr	18,249	12,166	1	365	194	559	559	423	156	166	332	4	142	45	1	79·2	31·9	20·7	0·9	0·7	519	28·4	36	1·9
32		Kodaikānal	4,283							Vide under Dispensar		Vaccination—Statement No. III.														
33		Kumbakōnam ...	60,700	13,733	3	1,502	1,117	2,619	873	2,263	1,392	626	2,074	45	457	227	71	93·4	58·8	37·9	1·9	15·5	1,640	27·0	83	1·4
34		Kurnool	27,908	2,683	1	727	563	1,290	1,290	938	720	145	869	48	356	126	96	97·6	48·5	35·7	51·2	26·9	1,061	38·0	30	1·1
35		Madras	526,911	19,090	46(a)	21,324	13,151	34,475(b)	749	18,328	15,366	1,880	17,284	482	16,284	4,026	3,227	96·9	29·4	40·4	2·6	20·5	20,484	38·9	335	0·6
36		Madura	138,894	17,362	11	11,713	6,382	18,095	1,645	9,523	5,399	2,425	8,729	181	9,798	6,909	260	93·4	72·4	112·6	1·9	2·7	14,274	103·8	246	1·8
37		Mangalore ...	53,877	10,292	3	4,018	2,695	6,713	2,238	2,588	1,577	771	2,461	27	4,143	2,483	201	96·1	62·8	91·8	1·04	4·9	3,615	67·1	56	2·5
38		Mannārgudi	21,636	4,808	1	330	245	575	575	560	332	118	499	39	30	11	2	95·8	39·3	23·6	6·9	6·1	679	31·4	58	2·6
39		Masulipatam	43,940	2,197	2	2,165	1,608	3,772	1,887	2,296	1,094	793	2,180	15	1,706	1,360	114	95·6	85·4	80·6	0·7	6·7	1,839	41·9	16	0·4
40		Māyavaram	28,617	6,765	1	684	379	1,063	1,063	793	693	93	790	...	277	122	38	99·6	51·05	31·5	...	13·7	954	33·3	34	1·2
41		Nandyal	18,124	3,624	1	299	380	679	679	495	271	131	413	7	186	129	...	84·6	69·4	29·9	1·4		597	32·9	11	0·6
42		Narasaraopet	11,308	5,654	1	544	305	849	849	403	184	178	380	2	448	191	18	94·7	44·4	50·5	0·4	4·2	473	41·8	11	0·9
43		Negapatam	54,016	10,760	3	2,682	1,486	4,168	1,389	2,701	1,256	1,147	2,625	12	1,483	1,009	127	97·6	74·4	67·3	0·4	8·6	3,969	73·5	91	1·7
44		Nellore	25,877	8,969	2	1,045	771	1,816	908	1,134	545	410	999	56	706	194	176	92·8	36·6	33·3	4·9	24·9	795	22·2	32	0·9
45		Ongole	14,302	3,575	1	442	189	631	631	245	118	82	208	1	428	148	...	85·2	34·6	24·9	0·4	...	497	34·8	9	0·6
46		Ootacamund	19,467	1,391	2	428	380	808	404	702	632	43	678	1	116	43	18	96·7	43·9	37·0	0·1	15·5	1,134	58·3	18	0·9
47		Palakole	14,539	7,269	1	283	189	472	472	364	113	175	307	26	116	21	24	90·8	22·8	22·6	7·1	20·7	290	14·1	...	...
48		Palamcottah	46,613	1,167	2	843	662	1,505	753	1,122	724	234	1,034	...	424	288	14	90·2	70·2	28·3	...	3·3	1,735	37·2	43	0·9
49		Palghat	45,487	4,548	2	1,282	917	2,199	1,099	1,850	1,326	380	1,825	...	373	159	...	98·7	42·6	43·6	...	...	2,193	48·2	76	1·7
50		Palni	17,501	10,000	1	393	362	755	755	683	317	240	562	68	72	31	19	91·4	58·5	33·9	9·9	26·4	440	25·1	6	0·3
51		Parlākimedi	18,718	14,398	1	417	209	626	626	445	194	130	329	28	194	68	9	78·9	35·7	21·1	6·3	4·6	655	35·0	...	...
52		Peddāpur	14,500	2,417	1	228	198	426	426	475	286	113	421	...	29	16	1	88·7	57·1	30·1	...	3·4	460	31·7	...	...
53		Periyakulam	16,478	21,971	1	519	401	920	920	842	623	195	842	...	78	78	...	100·0	100·0	55·8	...	...	836	50·7	37	2·2
54		Pollachi	11,875	2,969	1	235	213	448	448	430	269	111	400	2	30	4	13	93·5	23·5	34·0	0·5	43·3	120	10·1	14	1·2
55		Proddatur	15,906	5,891	1	417	257	674	674	614	260	151	443	25	60	18	3	75·2	31·5	29·0	4·1	5·0	466	29·3	2	0·1
56		Rajahmundry	53,586	15,310	2	1,679	1,084	2,763	1,382	1,758	1,155	449	1,606	4	1,017	422	121	91·6	47·1	37·8	0·2	11·9	2,405	44·9	103	1·9
57		Saidapet	27,404	3,015	1	866	641	1,507	1,507	1,106	675	321	1,026	29	425	225	17	95·3	55·1	45·7	2·6	4·0	405	14·8	24	0·9
58		Salem	52,244	1,478	3	1,554	1,310	2,864	955	2,809	2,100	613	2,717	...	68	22	...	96·7	32·4	52·4	...	...	2,290	43·8	91	1·7
59		Sivakasi	14,617	5,568	1	415	309	724	724	617	520	85	607	...	124	67	...	98·4	54·0	46·1	...	...	296	20·3	...	...
60		Srirangam	23,153	4,567	1	432	402	834	834	796	499	260	782	...	48	48	...	98·2	100·0	35·8	...	...	886	38·3	17	0·7
61		Srivilliputtūr	31,195	15,597	1	535	432	967	967	893	548	236	734	55	114	30	75	93·6	76·9	26·1	6·2	65·8	838	26·9	4	0·1
62		Tadpatri	11,293	1,412	1	279	121	400	400	392	95	202	297	45	8	5	1	85·6	71·4	26·7	11·5	12·5	113	10·0	18	1·6
63		Tanjore	59,913	7,811	3	1,465	1,130	2,595	865	2,333	1,626	482	2,240	25	270	160	27	97·1	65·8	40·1	1·1	10·0	2,373	33·6	47	0·8
64		Tellicherry	27,576	11,030	2	793	820	1,613	807	880	532	222	788	...	791	273	22	89·8	35·5	38·5	...	2·8	986	35·8	30	1·1
65		Tenali	23,207	6,826	1	724	441	1,165	1,165	858	581	167	757	...	372	177	10	88·2	48·9	40·2	...	2·7	657	28·3	4	0·2
66		Tinnevelly	53,783	15,193	2	1,117	831	1,948	974	1,771	1,083	383	1,584	104	273	219	23	95·02	87·6	33·5	5·9	8·4	2,231	41·5	67	1·2
67		Trichinopoly	120,422	13,369	4	3,273	2,892	6,165	1,541	5,332	2,950	1,971	5,084	92	954	642	74	97·02	72·9	47·5	1·7	7·7	5,442	45·2	136	1·1
68		Tirupati	17,434	11,622	1	301	270	571	571	490	322	145	473	...	81	31	22	96·5	52·5	28·9	...	27·2	425	24·4	7	0·5
69		Tiruppattūr	16,275	4,540	1	436	333	769	769	636	454	161	632	4	134	62	34	100·0	62·0	42·6	0·6	25·4	486	29·2	22	1·4

Municipalities.

(a) Including 15 Medical Registrar Vaccinators.

(b) Includes 577 cases performed in the Penitentiary.

Statement No. I showing the particulars of Vaccination in the Madras Presidency for the official year 1923-24—cont.

Number.	Districts.	Circles.	Population of districts or circles according to the census of 1921.	Average population per square mile	Average number of vaccinators employed throughout the year.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Primary vaccination.	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
70	Municipalities—*cont.*	Tiruppur	10,851	2,804	1	368	252	620	620	585	270
71		Tiruvalur	24,124	5,079	1	408	239	647	647	480	333
72		Tiruvannāmalai ...	21,912	1,992	1	831	428	1,259	1,259	863	602
73		Tuticorin	44,522	24,734	2	1,334	1,367	2,701	1,350	1,971	971
74		Udamalpet	10,236	5,000	1	242	171	413	413	405	249
75		Vāniyambādi	20,090	5,740	1	181	201	382	382	393	318
76		Vellore	59,210	12,553	2	1,310	831	2,141	1,071	1,687	1,384
77		Villupuram	17,423	4,311	1	379	270	649	649	496	343
78		Virudhunagar	21,821	9,698	1	483	358	841	841	708	547
79		Vizagapatam	45,018	8,657	2	661	705	1,366	683	1,374	906
80		Vizianagram	39,328	7,866	2	1,147	1,028	2,175	1,088	2,111	1,376
81		Walajapet	10,013	10,013	1	265	173	438	438	307	251
		Total of Municipalities.	3,028,844	...	174	107,058	73,381	180,439	1,037	118,552	76,196
1	Military Cantonments.	Bangalore	118,940	8,702	2	1,402	974	2,376	1,188	406	207
2		Secunderabad	95,121	5,006	6	5,004	7,387	12,391	2,065	5,913	3,686
		Total of Cantonments ...	214,064	6,899	8	6,406	8,361	14,767	1,846	6,319	3,893
		Total of Medical Subordinates.	...	...	..	17,973	251	18,224	...	1,188	97
		Grand Total ..	*42,227,551	...	720	953,501	805,126	1,758,627	† 2,441	1,565,558	572,830

vaccination.			Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of cases unknown to total cases.		Average annual number of persons successfully vaccinated during previous 5 years.		Average number of deaths from smallpox during previous 5 years.	
Successful.														
1 and under 6 years.	Total of all ages.	Unknown.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.		Primary vaccination.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
186	505	14	57	25	4	88·4	47·2	48·5	2·4	7·0	400	36·9	17	1·6
110	465	5	167	117	38	97·0	90·7	24·1	1·04	22·8	503	20·9	14	0·6
178	844	...	403	251	...	97·8	62·3	50·0	..	...	817	37·3	17	0·8
611	1,642	22	925	438	100	84·2	53·1	46·7	1·1	10·8	2,176	48·9	25	0·6
76	342	1	8	2	2	84·7	33·3	33·6	0·02	25·0	257	25·1	25	2·4
48	366	11	1	1	...	96·1	100·0	13·3	2·8	.	837	41·7	5	0·2
290	1,676	1	464	285	88	99·4	75·8	39·1	0·1	18·9	1,967	39·2	43	0·9
126	480	...	164	46	28	96·8	33·8	30·2	...	17·0	358	20·5	7	0·4
107	654	20	136	93	11	95·1	74·4	34·2	2·8	8·1	546	25·0	43	1·9
262	1,192	...	111	7	9	86·8	6·9	26·6		8·1	1,180	26·2	32	0·7
368	1,867	73	269	75	24	91·6	30·6	49·4	3·5	8·9	2,410	61·3	34	0·8
33	288	3	138	16	...	94·7	11·6	30·4	1·0	...	334	38·4	...	...
28,732	109,620	2,381	67,218	33,283	6,840	94·4	55·1	47·2	2·0	10·2	128,562	42·4	3,020	0·9
171	378	...	1,970	1,174	...	93·1	59·6	13·04	...	...	1,006	8·4	85	0·7
1,417	5,472	51	6,938	1,437	150	93·3	21·2	72·6	0·9	2·2	5,630	59·2	6	0·1
1,588	5,850	51	8,908	2,611	150	93·3	29·8	39·5	0·8	1·7	6,636	31·0	91	0·4
74	842	36	17,048	7,256	286	73·1	43·3	...	30·3	1·7	...	...	...	.
632,254	1,282,351	140,022	346,810	127,338	47,823	90·0	42·6	‡33·4	8·9	13·8	‡982,843	‡23·3	‡29,831	‡0·7

* Excluding the populations of Bangalore and Secunderabad cantonments.

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

‡ Excluding the cantonments of Bangalore and Secunderabad.

NOTE.—(1) Difference between number of operations and number of persons vaccinated equals 153,741 which represents secondary operations.

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

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

SUMMARY OF STATEMENT No. I.

	Total number of persons vaccinated.		Total number of operations performed.		Percentage of successful cases in which the results were known.		Average number of persons vaccinated by each vaccinator.		Number of children successfully vaccinated.		Ratio of successful vaccination per 1,000 of population.	Total cost of department.	Average cost of each successful case.
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Vaccinators employed.	Persons vaccinated by each vaccinator.	Under one year.	One and under six years.			
By Special staff (statement No. I).	1,411,881	346,746	1,565,558	346,810	90·0	42·6	720	2,441	572,830	632,254	33·4	Rs. A. P. 7,63,893 6 3	Rs. A. P. 0 8 9
By Dispensary staff (statement No. III).	148	49	148	49	96·6	95·9	..	...	138	2	...	...	...
By other agencies, if any.	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	1,412,029	346,795	1,565,706	346,859	90·0	42·6	720	2,441	572,968	632,256	33·4	*7,63,893 6 3	0 8 9

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

A.—VACCIN PARTMENT—*cont.*

Statement No. II showing the Cost of the Departme e Madras Presidency for the official year 1923-24.

Number.	Districts.	Circles.	Expenditure.														Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Inspector of Vaccination and Assistant Director of Public Health.	Pay.	Health Inspectors.		Vaccinators.				Peons, etc.			ravelling lowance.	Contingencies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
					Number.	Pay.	First class.	Second class.	Probationers.	Pay.	Number.	Pay.	Total pay establishment.										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				Rs. A. P.		Rs. A. P.				Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.
1	Agency Districts. Vizagapatam. Ganjām. Gōdāvari.	Bhadrachallam	...	...	1	1,412 12 4	2	3	1	2,173 13 1	1	160 4 0	3,746 13	389 7 3	226 5 0	5,362 9 8	...	5,362 9 8	...	...	5,362 9 8	2,861	1 14 4
2		Polavaram	...	...	1	1,587 7 6	...	3	...	971 5 2	1	175 5 11	2,734 2	355 13 1	272 13 0	4,362 12 8	...	2,933 10 6	1,429 2 2	...	4,362 12 8	4,428	1 0 0
		Total ...	...	...	2	3,000 3 10	2	6	1	3,145 2 3	2	335 9 11	6,481 0	745 4 4	499 2 0	9,725 6 4	...	8,296 4 2	1,429 2 2	...	9,725 6 4	7,289	1 5 4
3		Ganjām Hill Tracts, North.	...	...	1	1,864 1 0	3	3	3	1,890 15 0	1	158 12 0	3,913 12	380 13 0	71 5 0	5,345 14 0	...	5,345 14 0	...	...	5,345 14 0	6,736	0 12 8
4		Ganjām Hill Tracts, South.	...	...	1	2,050 4 0	2	1	2	941 15 0	1	182 0 0	3,174 3	271 10 0	148 12 0	4,592 9 0	...	4,592 9 0	...	...	4,592 9 0	4 063	1 2 1
		Total ...	...	...	2	3,914 5 0	5	4	5	2,832 14 0	2	340 12 0	7,087 15	652 7 0	218 1 0	9,938 7 0	...	9,938 7 0	...	...	9,938 7 0	10,799	0 14 9
5		Gurupur	...	...	1	1,913 12 2	...	2	4	1,436 14 0	1	179 0 0	3,529 10	131 3 10	161 12 0	4,822 10 0	...	2,640 8 0	2,182 2 0	...	4,822 10 0	5,946	0 13 0
6		Hill Madagole	...	...	1	1,543 0 3	1	3	1	1,419 7 7	1	144 0 0	3,106 7 1	333 12 1	157 4 9	4 597 8 8	...	4,597 8 8	...	...	4,597 8 8	3,143	1 7 5
7		Jeypore	...	...	1	2,195 0 0	1	3	1	2,222 3 0	1	151 0 0	4,568 3	161 11 0	53 11 0	5,783 9 0	...	3,004 8 0	2,779 1 0	...	5,783 9 0	5,498	1 0 10
8		Koraput	...	...	1	1,759 5 0	1	4		2,083 4 0	1	158 2 0	4,000 11	726 8 0	569 14 6	6,297 1 6	...	3,204 10 3	3,092 7 3	...	6,297 1 6	8,326	0 12 1
9		Nowrangpur	...	...	1	1,944 12 0	...	2	2	1,707 14 0	1	155 7 4	3,808 1	306 10 0	100 0 0	5,214 11 4	...	3,058 1 4	2,156 10 0	...	5,214 11 4	7,276	0 11 6
		Total ...	...	...	5	9,355 13 5	3	14	8	8,869 10 7	5	787 9 4	19,013 1	659 12 11	1,042 10 3	26,715 8 6	...	16,505 4 3	10,210 4 3	...	26,715 8 6	30,189	0 14 2
		Total of Agency districts ...	...	...	9	16,270 6 3	10	24	14	14,847 10 10	9	1,463 15 3	32,582 0	037 8 3	1,759 13 3	46,379 5 10	...	34,739 15 5	11,639 6 5	...	46,379 5 10	48,277	0 15 4
10	Anantapur.	Anantapur	...	...	1	685 0 3	...	2	1	555 2 1	1	95 5 7	1,335 7 1	659 2 7	96 3 0	2,090 13 6	...	1,216 11 3	874 2 3	...	2,090 13 6	3,369	0 9 11
11		Dharmavaram	...	...	1	685 0 3	...	1	1	555 2 1	1	95 5 7	1,335 7 1	659 2 7	96 3 0	2,090 13 6	...	1,216 11 3	874 2 3	...	2,090 13 6	3,608	0 9 3
12		Gooty	...	...	1	991 7 3	...	2	..	735 6 0	1	118 13 0	1,845 10	722 2 9	168 9 6	2,736 6 6	...	1,595 12 6	1,140 10 0	...	2,736 6 6	3.724	0 11 9
13		Hindupur	...	...	1	829 6 4	...	1	...	459 8 0	1	95 12 0	1,384 10	533 7 1	112 2 5	2,030 3 10	...	1,291 12 3	738 7 7	...	2,030 3 10	2,598	0 12 6
14		Kadiri	...	...	1	775 0 0	...	2	...	1,093 14 2	1	144 0 0	2,012 14	867 3 11	114 14 9	2,995 0 10	...	1,366 12 6	1,628 4 4	...	2,995 0 10	4,716	0 10 2
15		Kalyandrug	...	...	1	685 0 3	...	1	1	555 2 1	1	95 5 7	1,335 7 1	659 2 7	96 3 0	2,090 13 6	...	1,216 11 3	874 2 3	...	2,090 13 6	2,449	0 13 8
16		Madakasira	...	...	1	829 6 4	...	1	...	459 8 0	1	95 12 0	1,384 10	539 7 1	112 2 5	2,030 3 10	...	1,291 12 3	738 7 7	...	2,030 3 10	2,673	0 12 2
17		Penukonda	...	...	1	829 6 4	...	1	...	459 8 0	1	95 12 0	1,384 10	533 7 1	112 2 5	2,030 3 10	...	1,291 12 3	738 7 7	...	2,030 3 10	2,358	0 13 9
18		Tadpatri	...	...	1	685 0 0	...	1	1	476 4 10	1	108 0 0	1,269 4 10	672 4 11	85 0 3	2,026 10 0	...	1,246 4 0	780 6 0	...	2,026 10 0	3,636	0 8 11
		Total of district ...	...	...	9	6,994 11 0	...	12	4	5,349 7 3	9	944 1 9	13,288 4	839 8 7	993 8 9	20,121 5 4	...	11,734 3 6	8,387 1 10	...	20,121 5 4	29,131	0 11 1
19	Arcot (North).	Arkōnam	...	...	1	917 11 0	1	...	1	603 0 0	1	124 5 0	1,645 0	632 15 0	51 9 6	2,329 8 6	...	1,456 7 6	873 1 0	...	2,329 8 6	5,467	0 6 9
20		Arni	...	...	1	760 0 0	...	1	1	687 1 0	1	112 4 0	1,559 5	660 5 0	64 3 6	2,283 13 6	...	723 11 0	1,560 2 6	...	2,283 13 6	4,944	0 7 5
21		Chōyyar	...	...	1	1,015 0 0	1	...	1	1,043 10 0	1	144 0 0	2,202 10	699 12 0	342 1 6	3,244 7 6	...	1,649 13 2	1,594 10 4	...	3,244 7 6	5,327	0 9 9
22		Gudiyattam	...	...	1	770 0 0	1	...	1	826 1 0	1	124 13 0	1,720 14	754 0 6	82 7 0	2,557 5 6	...	1,416 10 0	1,140 11 6	...	2,557 5 6	6,694	0 6 1
23		Polur	...	...	1	845 0 0	1	1	...	1,138 12 0	1	124 13 0	2,108 9	711 14 0	179 8 9	2,999 15 9	...	1,273 9 0	1,726 6 9	...	2,999 15 9	6,217	0 7 9
24		Ranipet	...	...	1	1,195 0 0	1	1	...	1,453 9 0	1	142 0 0	2,790 9	762 9 0	97 8 0	3,650 10 0	...	1,712 4 0	1,938 6 0	...	3,650 10 0	6,033	0 9 8
25		Tiruppattur	...	...	1	1,001 13 0	1	1	1	1,352 7 0	1	144 0 0	2,498 4	846 9 0	72 11 0	3,417 8 0	...	1,515 0 0	1,902 8 0	...	3,417 8 0	8,468	0 6 5
26		Tiruvannamalai	...	...	1	1,015 0 0	1	1	1	1,887 6 0	1	141 0 0	3,043 6	289 2 0	225 1 0	3,557 9 0	...	1,558 10 0	1,998 15 0	...	3,557 9 0	11,515	0 4 11
27		Vellore	...	...	1	1,081 13 0	1	2	...	1,590 6 0	1	114 0 0	2,816 3	952 5 0	143 12 6	3,912 4 6	...	1,659 4 6	2,253 0 0	...	3,912 4 6	6,271	0 9 11
28		Wandiwash	...	...	1	592 4 0	...	1	1	740 10 0	1	110 14 0	1,443 12	618 0 6	78 11 3	2,140 7 9	...	1,079 13 9	1,060 10 0	...	2,140 7 9	5,995	0 5 9
		Total of district ...	...	...	10	9,193 9 0	8	8	7	11,322 14 0	10	1,312 1 0	21,828 8	927 8 0	1,337 10 0	30,093 10 0	...	14,045 2 11	16,048 7 1	...	30,093 10 0	66,951	0 7 2
29	Arcot (South).	Chidambaram	...	...	1	800 0 0	1	1	...	768 0 0	1	173 12 0	1,741 12 0	658 15 0	60 10 0	2,461 5 0	...	1,333 5 0	1,128 0 0	...	2,461 5 0	4,854	0 8 1
30		Cuddalore	...	...	1	1,715 11 0	1	1	...	951 12 0	1	148 6 0	2,815 2 0	870 15 0	143 9 0	3,829 10 0	...	2,602 14 0	1,226 12 0	...	3,829 10 0	7,267	0 8 5
31		Gingee	...	...	1	660 0 0	...	1	1	483 8 11	1	140 13 0	1,284 5 11	508 6 11	83 14 10	1,876 11 8	...	1,092 1 0	784 10 8	...	1,876 11 8	5,212	0 5 9
32		Kallakurchi	...	...	1	999 12 0	1	1	...	395 0 0	1	118 7 0	1,513 3 0	450 1 0	117 8 6	2,080 12 6	...	1,512 9 6	568 3 0	...	2,080 12 6	3,984	0 8 4
33		Tindivanam	...	...	1	1,231 13 0	1	1	...	1,007 8 2	1	144 0 0	2,383 5 2	755 12 1	177 15 3	3,317 0 6	...	1,839 15 9	1,477 0 9	...	3,317 0 6	5,220	0 10 2
34		Tirukkoyilur	...	...	1	1,315 0 0	1	1	...	1,586 0 0	1	143 8 0	3,044 8 0	919 10 0	228 15 8	4,193 1 8	...	1,863 5 0	2,329 12 8	...	4,193 1 8	5,138	0 13 1
35		Tittagudi	...	...	1	732 12 0	...	...	1	225 0 0	1	120 0 0	1,077 12 0	345 5 6	30 2 0	1,453 3 6	...	1,078 3 6	375 0 0	...	1,453 3 6	2,097	0 11 2
36		Villupuram	...	...	1	818 11 0	1	...	1	626 11 0	1	127 0 0	1,572 10 0	742 3 0	125 3 4	2,440 0 4	...	1,437 15 6	1,002 0 10	...	2,440 0 4	6,648	0 5 10
37		Vriddhachallam	...	...	1	830 0 0	...	1	...	480 0 0	1	128 13 0	1,438 13 0	483 2 0	114 0 9	2,035 15 9	...	1,375 15 9	660 0 0	...	2,035 15 9	4,921	0 6 7
38		Ulundurpet	...	...	1	754 6 0	...	...	2	192 8 0	1	120 0 0	1,066 14 0	491 11 0	192 14 4	1,751 7 4	...	1,362 15 6	388 7 10	...	1,751 7 4	3,685	0 7 7
		Total of district ...	...	...	10	9,857 6 0	6	7	5	6,716 0 1	10	1,364 15 0	17,938 5 1	3,226 1 6	1,274 13 8	25,439 4 3	...	15,499 4 6	9,939 15 9	...	25,438 4 3	48,066	0 8 3
39	Bellary.	Adōni	...	...	1	1,095 6 0	1	1	...	1,134 13 4	1	142 13 0	2,373 0 4	703 15 8	233 11 9	3,310 11 9	...	1,668 10 6	1,642 1 3	...	3,310 11 9	4,470	0 11 10
40		Alur	...	...	1	904 4 0	...	1	1	570 13 9	1	128 0 0	1,603 1 9	689 15 0	174 14 2	2,467 14 11	...	1,525 1 0	942 13 11	...	2,467 14 11	3,823	0 10 3
41		Bellary	...	...	1	963 6 0	...	1	2	1,124 14 0	1	146 8 0	2,234 12 0	855 7 0	222 14 5	3,313 1 5	...	1,545 9 0	1,767 8 5	...	3,313 1 5	3,509	0 15 1
42		Hadagalli	...	...	1	689 0 0	...	1		200 8 0	1	127 3 0	1,016 11 0	380 4 0	93 5 0	1,490 4 0	...	1,179 8 0	310 12 0	...	1,490 4 0	2,319	0 10 3
43		Harpanahalli	...	...	1	756 3 0	...	1	1	412 8 0	1	116 14 0	1,285 9 0	543 10 0	141 7 6	1,970 10 6	...	1,324 7 6	646 3 0	...	1,970 10 6	2,822	0 11 2
44		Hospet	...	...	1	849 0 0	...	1	1	663 8 0	1	132 0 0	1,635 8 0	645 5 0	284 14 2	2,565 11 2	...	1,484 14 0	1,080 13 2	...	2,565 11 2	2,695	0 15 3
45		Kudligi	...	...	1	700 0 0	...	1	1	368 3 0	1	88 13 0	1,157 0 0	582 11 0	83 10 0	1,823 5 0	...	1,201 13 0	621 8 0	...	1,823 5 0	3,280	0 8 11
46		Rayadrug	...	...	1	1,140 0 0	...	1	...	451 0 0	1	144 0 0	1,735 0 0	588 1 0	219 11 6	2,542 12 6	...	1,863 4 6	679 8 0	...	2,542 12 6	2,580	0 15 9
47		Sirugappa	...	...	1	965 11 0	...	1	...	384 0 0	1	134 13 0	1,484 8 0	522 0 6	110 10 0	2,117 2 6	...	1,550 3 0	566 15 6	...	2,117 2 6	2,716	0 12 6
		Total of district ...	...	...	9	8,053 14 0	1	9	6	5,310 4 1	9	1,161 0 0	14,525 2 1	5,511 5 2	1,565 2 6	21,601 9 9	...	13,343 6 6	8,258 3 3	...	21,601 9 9	28,220	0 12 3

A.—VACCIN[illegible]EPARTMENT—*cont.*

Statement No. II showing the Cost of the Departm[illegible] the Madras Presidency for the official year 1923-24—cont.

Number.	Districts.	Circles.	Expenditure.													Paid from						Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Inspector of Vaccination and Assistant Director Public Health.	Pay.	Health Inspectors. Number.	Health Inspectors. Pay.	Vaccinators. First class.	Vaccinators. Second class.	Vaccinators. Probationers.	Vaccinators. Pay.	Peons, etc. Number.	Peons, etc. Pay.	Total pay establishment.	Travelling allowance.	Contingencies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipal funds.	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
				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.	Rs. A. P.	Rs. A. P.		
48	Chingleput	Chingleput	...	...	1	1,195 0 0	1	1	...	1,183 3 0	1	144 6 0	2,522 9	758 6 0	131 1 6	3,412 0 6	...	1,862 15 6	1,609 1 0	...	3,412 0 6	5,646	0 9 8
49		Conjeeveram	...	...	1	834 5 0	1	...	1	661 7 0	1	133 10 0	1,629 6	648 6 0	69 9 0	2,347 5 0	...	1,366 0 0	981 5 0	...	2,347 5 0	4,107	0 9 1
50		Madurantakam	...	...	1	1,135 0 0	1	1	...	1,103 14 0	1	144 0 0	2,382 14	689 8 0	151 6 4	3,214 12 4	...	1,667 7 0	1,547 5 4	...	3,214 12 4	5,675	0 9 1
51		Ponneri	...	...	1	960 0 0	1	1	...	1,016 6 0	1	144 0 0	2,120 6	740 12 0	201 11 6	3,062 13 6	...	1,563 3 6	1,499 10 0	..	3,062 13 6	7,163	0 6 10
52		Saidapet	...	...	1	2,058 8 0	...	2	...	949 10 0	1	160 1 0	3,168 3	708 9 0	95 15 0	3,972 11 0	...	2,618 1 0	1,354 10 0	...	3,972 11 0	7,682	0 8 3
53		Sriperambadur	...	...	1	842 6 0	.	1	1	609 6 0	1	124 6 5	1,576 2	574 4 4	30 9 6	2,181 0 3	...	1,285 12 3	895 4 0	...	2,181 0 3	5,561	0 8 1
54		Tiruvallur	...	...	1	658 0 0	...	1	1	493 14 0	1	119 10 0	1,271 8	554 7 0	114 10 4	1,940 9 4	...	1,138 11 0	801 14 4	...	1,940 9 4	6,826	0 4 7
		Total of district ...	...	...	7	7,683 3 0	4	7	3	6,017 12 0	7	970 1 5	14,671 0	,665 4 4	794 15 2	20,131 3 11	...	11,442 2 3	8,689 1 8	...	20,131 3 11	42,660	0 7 7
55	Chittoor.	Chandragiri	...	...	1	790 0 0	...	1	...	623 0 0	1	124 0 0	1,537 0										
56		Chittoor	...	...	1	1,195 0 0	1	2	1	1,344 13 0	1	144 0 0	2,683 13	435 2 0	50 14 0	2,023 0 0	...	1,273 7 7	749 8 5	...	2,023 0 0	3,155	0 10 3
57		Kalahasti	...	...	1	658 5 0	...	1	...	376 0 0	1	124 0 0	1,158 5	655 5 0	185 12 10	3,524 14 10	...	1,800 9 6	1,724 5 4	...	3,524 14 10	6,980	0 8 1
58		Madanapalli	...	...	1	928 3 0	1	1	...	1,184 3 0	1	142 13 0	2,253 3	439 2 0	165 7 0	1,762 14 0	...	1,257 2 7	505 11 5	...	1,762 14 0	3,538	0 8 0
59		Palmaner and Punganoor ...	...	...	1	682 14 0	...	3	...	1,044 4 0	1	120 13 0	1,847 15	651 6 0	219 7 0	3,124 0 0	...	1,541 3 0	1,582 13 0	...	3,124 0 0	5,142	0 9 0
60		Puttur	...	...	1	1,036 7 0	1	1	...	1,040 5 0	1	144 0 0	2,220 12	629 12 0	61 5 8	2,539 0 8	...	1,216 7 8	1,322 9 0	...	2,539 0 8	4,764	0 8 6
61		Tiruttani	...	...	1	723 1 0	...	1	1	717 7 0	1	80 2 0	1,520 10	587 15 6	105 4 0	2,913 15 6	...	1,669 2 0	1,244 13 6	...	2,913 15 6	4,722	0 9 10
62		Voyalpad	...	...	1	655 5 0	...	1	1	503 6 0	1	124 6 0	1,283 1	481 8 8	71 0 0	2,073 2 8	...	1,108 11 7	964 7 1	...	2,073 2 8	5,013	0 6 7
		Total of district ...	...	...	8	6,667 3 0	3	11	3	6,833 6 0	8	1,004 2 0	14,504 11	471 10 0	80 14 0	1,835 9 0	...	1,129 15 7	705 9 5	...	1,835 9 0	5,021	0 5 10
63	Coimbatore.	Avanashi	...	...	1	715 0 0	...	2	...	976 5 0	1	126 0 0	1,817 5	,351 13 2	940 0 6	19,796 8 8	...	10,996 11 6	8,799 13 2	...	19,796 8 8	38,335	0 8 3
64		Bhavani	...	...	1	1,100 0 0	...	1	1	556 13 0	1	127 0 0	1,783 13										
65		Coimbatore	...	...	1	1,270 0 0	2	2	1	2,042 4 0	1	144 0 0	3,453, 4	718 13 0	190 4 6	2,727 6 6	...	1,352 10 0	1,373 12 6	...	2,726 6 6	6,267	0 6 10
66		Dharapuram	...	...	1	811 4 0	...	3		899 2 0	1	116 12 9	1,827 2	815 12 0	98 0 3	2,497 9 3	...	1,620 12 3	876 13 0	...	2,497 9 3	5,070	0 7 10
67		Erode	...	...	1	1,200 0 0	...	3	...	1,325 3 0	1	137 13 0	2,663 0	,230 11 0	266 15 0	4,953 14 0	...	2,001 3 0	2,952 11 0	...	4,953 14 0	6,393	0 12 5
68		Kollegal	...	...	1	769 11 0	1	1	...	742 11 0	1	109 3 0	1,621 9	815 1 0	169 4 11	2,811 8 8	...	1,334 12 9	1,476 11 11	...	2,811 8 8	7,780	0 5 9
69		Pollachi	...	...	1	1,164 0 0	...	2	1	1,228 14 0	1	146 6 0	2,539 4	967 5 0	159 10 0	3,789 15 0	...	1,844 8 0	1,945 7 0	...	3,789 15 0	8,866	0 6 10
70		Satyamangalam	...	...	1	749 0 0	1	1	1	1,331 1 0	1	132 0 0	3,202 1	942 9 0	116 10 3	2,680 12 3	...	1,465 0 9	1,215 11 6	...	2,680 12 3	5,903	0 11 0
71		Tiruppur	...	...	1	1,495 0 0	...	3	...	1,505 7 0	1	144 0 0	3,144 7	977 15 4	280 8 3	3,797 11 7	...	1,902 15 4	1,894 12 3	...	3,797 11 7	7,166	0 8 6
72		Udamalpet	...	...	1	700 15 0	...	1	1	481 7 0	1	134 8 0	1,316 13	977 8 0	201 2 0	3,380 11 0	...	1,368 3 0	2,012 8 0	...	3,380 11 0	6,981	0 7 9
73		Special duty Staff	...	...	1	400 0 0	...	...	...	...	1	48 0 0	448 0	,045 7 0	290 3 0	4,480 1 0	...	2,243 0 0	2,237 1 0	...	4,480 1 0	8,895	0 8 1
		Total of district ...	...	...	11	10,374 14 0	4	19	5	11,079 3 0	11	1,365 8 9	22,819 9	591 3 0	130 11 6	2,038 10 6	...	1,357 12 6	680 14 0	...	2,038 10 6	4,768	0 6 10
														176 10 0	18 11 0	643 5 0	...	643 5 0	...	...	643 5 0	...	...
74	Cuddapah.	Badvel	...	...	1	780 0 0	...	1	1	827 2 1	1	139 3 0	1,748 5	,958 14 4	1,922 0 8	33,800 8 9	...	17,134 2 7	16,666 6 2	...	33,800 8 9	66,079	0 8 2
75		Cuddapah	...	...	1	1,221 3 0	...	1	1	652 6 6	1	132 0 0	2,005 9										
76		Jammalamadugu	...	...	1	1,014 0 0	..		2	560 1 0	1	123 7 0	1,697 8	587 12 0	194 15 2	2,529 0 3	...	1,405 0 8	1,123 15 7	...	2,529 0 3	3,343	0 12 1
77		Kamalapuram	...	...	1	250 0 0	...	...	1	90 0 0	1	36 13 0	376 13	531 9 0	160 0 2	2,697 2 8	...	1,810 15 2	886 3 6	...	2,697 2 8	2,335	1 2 6
78		Proddatore	...	...	1	1,027 2 0	...	1	1	721 7 0	1	115 11 0	1,864 4	509 11 0	169 0 9	2,376 3 9	...	1,519 14 11	856 4 10	...	2,376 3 9	4,378	0 8 8
79		Pulivendla	...	...	1	767 10 0	...	...	2	295 4 0	1	111 10 0	1,174 8	129 8 0	.	506 5 0	...	376 13 0	129 8 0	...	506 5 0	1,303	0 6 3
80		Rajampet	...	...	1	1,004 14 11	...	1	1	652 14 0	1	144 0 0	1,801 12 1	656 6 0	178 13 3	2,699 7 3	...	1,678 0 3	1,021 7 0	...	2,699 7 3	4,113	0 10 6
81		Rayachoti	...	...	1	458 12 0	...	2	...	705 14 0	1	78 3 0	1,242 13	466 6 0	51 1 6	1,691 15 6	...	1,244 6 6	447 9 0	...	1,691 15 6	4,158	0 6 6
82		Siddhout	...	...	1	240 0 0	...	...	2	110 0 0	1	52 0 0	402 0	628 12 0	76 7 0	2,504 15 11	...	1,579 13 11	925 2 0	...	2,504 15 11	4,191	0 9 7
		Total of district ...	...	...	9	6,763 9 11	...	6	11	4,615 0 7	9	932 15 0	12,311 9	454 0 0	108 10 7	1,805 7 7	...	842 5 7	963 2 0	...	1,805 7 7	4,516	0 6 5
														147 8 0	70 2 10	619 10 10	...	453 1 10	166 9 0	...	619 10 10	1,611	0 6 2
83	Ganjam.	Aska	...	...	1	730 0 0	...	1	2	1,019 1 0	1	144 0 0	1,893 1	,109 8 0	1,009 3 3	17,430 4 9	...	10,910 7 10	6,519 12 11	...	17,430 4 9	29,948	0 9 4
84		Berhampur	...	...	1	741 0 0	...	2	1	882 0 0	1	129 9 7	1,752 9										
85		Chatrapur	...	...	1	615 0 0	...	1	1	530 0 0	1	113 13 0	1,258 13	932 13 3	195 0 0	3,020 14 3	...	1,317 7 0	1,703 7 3	...	3,020 14 3	4,080	0 11 10
86		Chicacole	...	...	1	865 0 0	...	3	1	1,089 2 3	1	144 0 0	2,098 2	699 0 8	127 8 0	2,579 2 3	...	1,201 14 3	1,377 4 0	...	2,579 2 3	4,642	0 8 11
87		Gumsur	...	...	1	660 0 0	...	2	1	911 2 0	1	130 0 0	1,701 2	531 6 0	75 5 0	1,865 8 0	...	1,111 0 0	754 8 0	...	1,865 8 0	3,572	0 8 4
88		Hiramandalam	...	...	1	235 1 6	1	2	...	78 2 6	1	33 11 0	346 15	,040 8 2	60 2 0	3,198 12 5	...	1,436 6 0	1,762 6 5	...	3,198 12 5	4,732	0 10 10
89		Parlakemedi	...	...	1	840 0 0	...	2	1	1,310 8 0	1	144 0 0	2,294 8	882 14 9	192 9 10	2,776 10 7	...	1,206 4 9	1,570 5 10	...	2,776 10 7	3,713	0 12 0
90		Purushottapur	...	...	1	951 10 0	...	2	1	755 0 0	1	144 0 0	2,294 8	114 13 3	6 8 0	468 4 3	...	348 8 0	119 12 3	...	468 4 3	1,240	0 6 7
91		Sompeta	...	...	1	817 13 2	1	1	1	1,515 8 8	1	177 3 0	2,510 8	,044 7 6	147 0 0	3,485 15 6	...	1,392 14 10	2,093 0 8	...	3,485 15 6	4,954	0 11 3
92		Surada	...	...	1	210 1 0	...	2	...	186 0 0	1	35 4 0	431 5	693 4 0	166 12 0	2,710 10 0	...	1,488 10 0	1,222 0 0	...	2,710 10 0	4,891	0 8 10
93		Tekkali	...	...	1	1,258 14 0	1	1	2	805 0 0	1	120 0 0	2,183 14	924 6 3	116 4 0	3,621 3 1	...	1,470 0 11	2,151 2 2	...	3,621 3 1	4,742	0 12 3
		Total of district ...	...	...	11	7,924 7 8	3	20	10	9,081 8 5	11	1,315 8 7	18,321 8	243 7 0	3 0 0	677 12 0	...	401 12 0	276 0 0	...	677 12 0	1,213	0 8 11
														785 13 0	135 5 0	3,105 0 0	...	1,704 12 0	1,400 4 0		3,105 0 0	5,046	0 9 10
94	Godavari.	Alamur	...	...	1	1,195 0 0	1	1	...	978 9 0	1	155 15 0	2,329 8	,362 13 10	1,225 5 10	27,509 12 4	...	13,079 9 9	14,430 2 7	...	27,509 12 4	42,825	0 10 3
95		Amalapuram	...	...	1	1,120 0 0	...	2	...	850 10 8	1	144 0 0	2,114 10										
...		Cocanada	...	...	1	530 0 0	1	...	...	540 6 9	1	140 0 0	1,210 6	696 10 0	168 6 3	3,194 8 3	...	1,758 3 9	1,436 4 6	...	3,194 8 3	4,410	0 11 7
...		Coringa	...	...	1	386 9 3	...	...	1	123 12 0	1	112 0 0	632 5	705 3 0	221 8 0	3,041 5 8	...	1,859 13 0	1,181 8 8	...	3,041 5 8	5,805	0 8 4
														241 8 6	4 3 3	1,456 2 6	...	...	1,456 2 6	...	1,456 2 6	2,115	0 11 0
														219 4 0	2 1 0	853 10 3	...	...	853 10 3	...	853 10 3	2,023	0 6 9

A.—VACCIN[ATION] DEPARTMENT—*cont.*

Statement No. II showing the Cost of the Departm[ent] in the Madras Presidency for the official year 1923-24—cont.

Number.	Districts.	Circles.	Expenditure.														Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Inspector of Vaccination and Assistant Director of Public Health.	Pay.	Health Inspectors.		Vaccinators.				Peons, etc.			Travelling allowance.	Contingencies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
					Number.	Pay.	First class.	Second class.	Probationers.	Pay.	Number.	Pay.	Total pay establishment.										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				Rs. A. P.		Rs. A. P.				Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.
96	Godavari—cont.	Kothapettah	...	...	1	802 6 3	..	...	1	230 0 0	1	136 6 10	1,168 13	502 15 10	152 11 3	1,824 8 2	...	1,448 9 8	375 14 6	...	1,824 8 2	3,643	0 8 0
...		Peddapuram	...	...	1	660 0 0	1	...	...	661 7 0	1	180 0 0	1,501 7	542 13 0	4 8 0	2,048 12 0	...	...	2,048 12 0	...	2,048 12 0	3,031	0 10 9
97		Pithapuram	...	...	1	901 0 0	...	...	1	452 14 6	1	158 12 10	1,512 11	594 9 3	53 0 4	2,160 4 11	...	1,467 7 6	692 13 5	...	2,160 4 11	3,269	0 10 7
98		Prattipadu	...	...	1	828 1 0	...	...	1	247 6 0	1	120 0 0	1,205 7	457 14 0	144 11 0	1,808 0 0	...	1,560 10 0	247 6 0	...	1,808 0 0	2,173	0 13 3
99		Rajahmundry	...	...	1	1,178 0 0	1	1	...	1,037 13 2	1	143 8 0	2,357 5	797 1 0	168 11 0	3,313 1 2	...	1,969 12 0	1,343 5 2	...	3,313 1 2	4,853	0 10 11
100		Ramachandrapuram ...	...	...	1	1,038 10 9	...	...	1	151 8 6	1	108 0 0	1,298 3	374 9 0	99 7 3	1,772 3 6	...	1,512 7 0	259 12 6	...	1,772 3 6	2,436	0 11 6
101		Razole	...	...	1	708 0 0	...	1	...	241 1 0	1	134 0 0	1,083 1	428 2 0	128 5 0	1,639 8 0	...	1,270 4 0	369 4 0	...	1,639 8 0	4,402	0 5 11
...		Tuni	...	...	1	895 0 0	...	1	...	456 0 0	1	140 0 0	1,491 0	363 14 8	4 8 0	1,859 6 6	...	...	1,859 6 6	...	1,859 6 6	2,868	0 10 4
		Total of district ...	...	...	12	10,260 11 3	4	6	5	5,971 8 7	12	1,672 10 8	17,904 14	5,924 8 1	1,142 0 4	24,971 6 11	...	12,847 2 11	12,124 4 0	...	24,971 6 11	41,058	0 9 9
102	Guntur	Bapatla	..	...	1	1,028 0 0	...	3	1	1,177 10 0	1	144 0 0	2,349 10	882 11 0	129 3 3	3,361 8 3	...	1,600 1 3	1,761 7 0	...	3,361 8 3	8,781	0 6 2
103		Guntur	...	...	1	1,195 0 0	...	1	2	824 9 0	1	144 0 0	2,163 9	751 0 0	85 1 6	2,999 10 6	...	1,699 11 6	1,299 15 0	...	2,999 10 6	7,436	0 6 5
104		Gurzala	...	...	1	770 0 0	...	3	...	891 0 0	1	120 0 0	1,781 0	823 10 0	206 1 3	2,810 11 3	...	1,454 3 3	1,356 8 0	...	2,810 11 3	6,538	0 6 11
105		Narasaraopet	...	...	1	1,015 6 0	...	1	2	941 3 9	1	144 0 0	2,100 9	920 6 0	147 13 3	3,168 13 0	...	1,717 8 3	1,451 4 9	...	3,168 13 0	8,304	0 6 1
106		Ongole	...	...	1	720 0 0	...	2	...	876 6 3	1	139 3 0	1,735 9	712 4 6	145 14 0	2,593 11 9	...	1,282 1 0	1,311 10 9	...	2,593 11 9	7,514	0 5 6
107		Repalli	...	...	1	1,193 1 0	...	1	1	610 11 0	1	132 0 0	1,935 12	563 0 0	58 7 6	2,557 3 6	...	1,616 8 6	940 11 0	...	2,557 3 6	5,364	0 7 8
108		Sattenapalli	...	...	1	706 0 0	...	2	1	903 14 0	1	140 0 0	1,749 14	795 14 0	135 8 0	2,681 4 0	...	1,302 12 0	1,378 8 0	...	2,681 4 0	6,415	0 6 8
109		Tenali	...	...	1	972 2 0	...	2	...	792 0 0	1	144 0 0	1,908 2	648 9 0	99 0 0	2,655 11 0	...	1,493 11 0	1,162 0 0	...	2,655 11 0	7,136	0 5 11
110		Vinukonda	...	...	1	241 5 0	...	...	2	180 0 0	1	42 13 0	464 2	222 3 6	25 2 9	711 8 3	...	414 12 9	296 11 6	...	711 8 3	2,167	0 5 3
		Total of district ...	...	...	9	7,840 14 0	...	15	9	7,197 6 0	9	1,150 0 0	16,188 4	6,319 10 0	1,032 3 6	23,540 1 6	...	12,581 5 6	10,958 12 0	...	23,540 1 6	59,655	0 6 4
111	Kistna.	Bhimavaram	...	...	1	1,375 14 0	..	1	1	682 5 0	1	144 0 0	2,202 3	1,767 11 6	181 4 3	4,151 2 9	...	3,022 9 3	1,128 9 6	...	4,151 2 9	5,834	0 11 5
112		Bezwada	...	...	1	1,275 0 0	1	1	...	965 7 0	1	155 11 0	2,396 2	820 5 0	140 2 3	3,356 9 3	...	1,886 14 3	1,469 11 0	...	3,356 9 3	4,393	0 12 3
...		Divi	...	...	1	541 7 0	1	1	...	774 11 0	1	110 6 0	1,426 8	675 12 0	115 0 9	2,217 4 9	...	1,040 6 3	1,176 14 6	...	2,217 4 9	4,068	0 8 8
...		Ellore	...	...	1	945 0 0	1	...	1	763 8 0	1	138 13 0	1,847 5	552 7 0	7 10 0	2,407 6 0	..	327 15 0	2,079 7 0	...	2,407 6 0	5,024	0 7 8
113		Gudivada	...	...	1	748 11 0	1	1	1	779 4 0	1	129 3 0	1,657 2	640 10 0	78 14 3	2,376 10 3	...	1,305 9 3	1,071 1 0	...	2,376 10 3	6,738	0 5 8
114		Gannavaram	...	...	1	801 10 0	1	...	1	464 7 0	1	81 11 0	1,347 12	470 7 10	121 7 6	1,939 10 6	...	1,193 4 6	746 6 0	...	1,939 10 6	5,976	0 5 2
115		Kaikalur	...	...	1	518 11 0	...	1	...	372 14 0	1	128 0 0	1,019 9	480 13 0	52 5 9	1,552 11 9	...	935 15 9	616 12 0	...	1,552 11 9	2,673	0 9 3
116		Kovvur	...	...	1	1,081 4 0	...	2	...	719 8 0	1	152 8 0	1,953 4	672 1 0	117 4 9	2,742 9 9	...	1,674 15 9	1,067 10 0	...	2,742 9 9	4,683	0 9 4
117		Masulipatam	...	...	1	1,045 13 0	...	1	...	519 11 0	1	144 0 0	1,709 8	505 4 0	75 13 3	2,290 9 3	...	1,575 6 3	715 3 0	...	2,290 9 3	3,296	0 11 1
118		Nandigama	...	...	1	725 0 0		2	...	751 14 0	1	139 10 0	1,616 8	885 6 0	90 15 6	2,592 13 6	...	1,464 0 6	1,128 13 0	...	2,592 13 6	4,643	0 8 11
119		Narasapur	...	...	1	346 11 0	1	...	1	548 13 3	1	78 13 0	974 5	448 14 9	13 11 0	1,436 15 0	...	362 0 0	1,074 15 0	...	1,436 15 0	5,052	0 4 6
...		Tanuku	...	...	1	694 8 0	1	2	1	1,369 5 0	1	134 0 0	2,197 13	983 12 0	60 6 3	3,241 15 3	...	543 14 9	2,698 0 6	...	3,241 15 3	10,522	0 4 11
120		Tiruvoor	...	...	1	818 0 0	...	...	1	626 13 0	1	87 5 0	1,532 2	199 14 0	71 11 0	1,803 11 0	...	1,143 4 0	660 7 0	...	1,803 11 0	2,548	0 11 4
		Total of district ...	...	...	13	10,917 9 0	7	12	7	9,538 8 3	13	1,624 0 0	21,880 1	9,103 5 3	1,126 10 6	32,110 1 0	...	16,476 3 6	15,633 13 6	...	32,110 1 0	65,460	0 7 10
121	Kurnool.	Dhone	...	...	1	872 1 0	...	2	...	556 7 0	1	156 0 0	1,584 8	499 11 0	233 3 6	2,317 6 6	...	1,381 8 0	935 14 6	...	2,317 6 6	3,348	0 11 1
122		Giddalore	...	...	1	770 0 0	...	2	...	816 11 0	1	130 6 0	1,717 1	375 4 0	248 7 0	2,340 12 0	...	1,406 8 0	934 0 0	...	2,340 12 0	3,565	0 10 6
123		Koilkuntla	..	...	1	1,092 0 0	...	3	...	1,303 0 0	1	138 3 0	2,533 3	513 12 0	195 1 4	3,242 0 4	...	1,883 3 0	1,358 13 4	..	3,242 0 4	5,754	0 9 0
124		Kurnool	...	...	1	1,580 0 0	1	3	...	1,719 11 0	1	172 4 0	3,471 15	681 6 6	639 12 1	4,793 2 5	...	2,647 14 6	2,145 3 11	...	4,793 2 5	3,843	1 3 1
125		Markapur	...	...	1	1,339 0 0	1	1	...	984 7 0	1	144 0 0	2,467 7	447 3 0	249 7 0	3,164 1 0	...	1,995 9 0	1,168 8 0	...	3,164 1 0	3,845	0 13 2
126		Nandikotkur	...	...	1	900 0 0	1	1	...	820 3 10	1	108 11 0	1,828 14	503 10 0	272 5 0	2,604 13 10	...	1,474 2 0	1,130 11 10	...	2,604 13 10	3,172	0 13 0
127		Nandyal	...	...	1	1,040 0 0	...	1	...	330 0 0	1	156 0 0	1,526 0	438 14 0	203 0 3	2,167 14 3	...	1,705 10 3	462 4 0	...	2,167 14 3	1,627	1 5 4
128		Pattikonda	...	...	1	719 15 0	...	2	...	605 13 0	1	130 1 0	1,455 13	521 5 0	381 11 1	2,358 13 1	...	1,399 2 6	959 10 7	...	2,358 13 1	4,030	0 9 4
		Total of district ...	...	...	8	8,313 0 0	3	15	...	7,136 4 10	8	1,135 9 0	16,584 13	3,981 1 6	2,423 0 1	22,988 15 5	...	13,893 7 3	9,095 8 2	...	22,988 15 5	29,184	0 12 7
129	Madura.	Dindigul	...	...	1	1,358 5 0	1	1	...	1,438 6 0	1	153 0 0	2,949 11	125 14 0	199 11 3	3,275 4 3	...	1,820 5 3	1,454 15 0	...	3,275 4 3	7,263	0 7 2
130		Kodaikanal	...	...	1	895 0 0	...	1	...	293 9 0	1	140 10 0	1,329 3	479 13 0	100 1 6	1,909 1 6	...	1,470 10 6	438 7 0	...	1,909 1 6	1,427	1 5 5
131		Madura	...	...	1	1,005 8 6	1	1	...	1,000 14 0	1	129 0 0	2,135 8	336 5 0	205 7 0	2,677 2 6	...	1,285 5 0	1,391 13 6	...	2,677 2 6	4,406	0 9 6
132		Melur	...	...	1	970 13 0	1	1	...	952 11 0	1	168 0 0	2,091 8	740 7 0	110 5 0	2,942 4 0	...	1,587 1 0	1,355 3 0	...	2,942 4 0	4,753	0 9 11
133		Nilakkottai	...	...	1	660 0 0	1	1	...	1,004 5 0	1	130 0 0	1,794 5	477 13 0	175 13 0	2,447 15 0	...	1,329 8 0	1,118 7 0	...	2,447 15 0	5,650	0 8 11
134		Palni	...	...	1	1,014 12 0	1	...	1	1,319 9 0	1	144 0 0	2,478 5	826 4 0	147 0 0	3,461 9 0	...	1,601 8 0	1,850 1 0	..	3,451 9 0	6,263	0 8 9
135		Periyakulam	...	...	1	1,186 0 6	1	1	1	1,510 10 10	1	132 0 0	2,828 11	1,089 7 4	135 3 0	4,053 5 8	...	1,753 9 6	2,299 12 2	...	4,053 5 8	9,547	0 6 10
136		Tirumangalam	...	...	1	1,315 0 0	1	1	1	1,756 0 8	1	144 0 0	3,215 0	942 4 4	210 14 3	4,368 3 3	...	1,936 6 0	2,431 13 3	...	4,368 3 3	11,088	0 6 4
137		Vedasandur	...	...	1	714 2 0	1	1	..	950 0 0	1	115 10 0	1,779 12	711 14 0	117 8 6	2,609 2 6	...	1,282 6 6	1,326 12 0	...	2,609 2 6	5,318	0 7 10
		Total of district ...	...	...	9	9,119 9 0	8	8	3	10,226 1 6	9	1,256 4 0	20,601 14	5,730 1 8	1,401 15 6	27,733 15 8	...	14,066 11 9	13,667 3 11	...	27,733 15 8	55,808	0 7 11

A.—VACCINE DEPARTMENT—*cont.*

Statement No. 11 showing the Cost of the Department in the Madras Presidency for the official year 1923-24—cont.

Number.	Districts.	Circles.	Expenditure.												Paid from							
			Inspector of Vaccination and Assistant Director of Public Health.	Pay.	Number.	Health Inspectors. Pay.	Vaccinators. First class.	Vaccinators. Second class.	Vaccinators. Probationers.	Vaccinators. Pay.	Peons, etc. Number.	Peons, etc. Pay.	Total pay of establishment.	Travelling allowance.	Contingencies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipal funds.	Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				Rs. A. P.		Rs. A. P.				Rs. A. P.		Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.
138	Malabar.	Alattur	...	...	1	238 14 0	...	1	...	85 0 0	1	40 6 0	364 4 0	226 3 0	44 1 0	634 8 0	...	511 12 0	122 12 0	...	634 8 0	2,308	0 4 5
139		Badagara	...	...	1	944 8 0	...	2	...	696 0 0	1	118 13 0	1,759 5 0	677 12 0	264 8 0	2,701 9 0	...	1,583 1 0	1,118 8 0	...	2,701 9 0	6,634	0 6 6
140		Calicut	...	...	1	840 0 0	2	2	...	1,532 15 0	1	144 0 0	2,516 15 0	998 15 0	252 6 0	3,768 4 0	...	1,520 5 0	2,247 15 0	...	3,768 4 0	8,163	0 7 5
141		Chirakkal	...	...	1	786 3 0	...	3	...	847 8 0	1	118 8 0	1,732 3 0	972 3 0	249 6 0	2,953 12 0	...	1,502 1 0	1,451 11 0	...	2,953 12 0	11,658	0 4 1
142		Chowghat	...	...	1	847 5 0	...	2	...	651 11 0	1	126 6 0	1,625 6 0	827 1 0	150 12 0	2,603 3 0	...	1,516 0 0	1,087 3 0	...	2,603 3 0	8,834	0 4 9
143		Manjeri	...	...	1	1,437 0 0	...	2	...	566 7 0	1	156 6 0	2,159 13 0	745 0 0	322 7 0	3,227 4 0	...	2,160 9 0	1,066 11 0	...	3,227 4 0	12,468	0 4 2
144		Ottapalem	...	...	1	967 10 0	...	2	...	800 2 0	1	135 10 0	1,903 6 0	865 2 0	400 11 3	3,159 3 3	...	1,826 9 0	1,342 10 3	...	3,169 3 3	8,872	0 5 9
145		Palghat	...	...	1	1,435 0 0	1	2	1	1,190 6 4	1	144 0 0	2,769 6 4	832 14 0	228 4 0	3,830 8 4	...	2,095 5 0	1,735 3 4	...	3,830 8 4	7,329	0 8 4
146		Perintalmanna	...	...	1	922 5 0	1	...	1	869 3 7	1	121 4 7	1,912 13 2	932 1 5	356 3 0	3,201 1 7	...	1,619 8 11	1,581 8 8	...	3,201 1 7	7,389	0 6 11
147		Ponnani	...	...	1	220 0 0	...	1	...	136 0 0	1	48 0 0	404 0 0	213 14 0	36 14 0	654 12 0	...	435 13 0	218 15 0	...	654 12 0	2,324	0 4 6
148		Quilandi	...	...	1	748 11 0	...	1	1	678 3 0	1	20 8 0	1,547 6 0	723 10 0	283 2 6	2,554 2 6	...	1,392 12 6	1,161 6 0	...	2,554 2 6	7,513	0 5 5
149		Tellicherry	...	...	1	1,425 0 0	1	1	1	957 0 0	1	136 0 0	2,518 0 0	752 8 0	200 13 0	3,471 5 0	...	2,063 11 0	1,407 10 0	...	3,471 5 0	9,332	0 5 11
150		Tirur	...	...	1	1,435 0 0	1	1	..	1,532 14 0	1	133 10 0	3,101 8 0	1,229 13 0	266 1 6	4,597 6 6	...	2,256 7 0	2,340 15 6	..	4,597 6 6	14,023	0 5 3
151		Tirurangadi	...	...	1	720 0 0	...	2	...	720 0 0	1	136 6 0	1,576 6 0	746 2 0	861 1 8	3,123 9 8	...	1,458 13 0	1,664 12 8	...	3,123 9 8	11,759	0 4 3
152		Wynaad	...	...	1	1,271 10 0	...	3	..	1,535 4 0	1	184 0 0	2,990 14 0	1,471 4 0	286 9 0	4,748 11 0	...	2,424 12 0	2,323 15 0	...	4,748 11 0	4,223	1 2 0
		Total of district ...	...	...	15	14,219 2 0	6	25	4	12,708 9 11	15	1,863 13 7	28,881 9 6	12,214 6 5	4,143 3 11	45,239 3 10	...	24,367 7 5	20,871 12 5	...	45,239 3 10	122,829	0 5 11
153	Nellore.	Atmakur	...	...	1	1,315 0 0	...	...	2	705 7 5	1	143 0 0	2,223 7 5	738 8 0	103 2 1	3,065 1 6	...	1,873 9 1	1,191 8 5	...	3,065 1 6	3,000	1 0 4
154		Darsi	...	...	1	100 0 0	...	...	1	80 0 0	1	21 1 8	201 1 8	73 9 0	17 8 2	292 2 10	...	...	292 2 10	...	292 2 10	2,340	0 1 11
155		Gudur	...	...	1	835 0 0	1	...	1	1,346 0 0	1	168 1 0	2,349 1 0	823 7 0	135 3 6	3,307 11 6	...	1,482 12 1	1,824 15 5	...	3,307 11 6	3,264	1 0 2
156		Kandukur	...	...	1	840 0 0	...	...	2	544 8 2	1	129 10 0	1,514 2 2	641 1 4	160 12 0	2,315 15 6	...	1,417 12 0	898 3 6	...	2,315 15 6	4,583	0 8 1
157		Kanigiri	...	...	1	1,015 0 0	...	...	2	876 11 5	1	149 13 0	2,041 8 5	636 6 5	135 12 8	2,813 11 6	...	1,549 2 8	1,264 8 10	...	2,813 11 6	3,568	0 12 7
158		Kavali	...	...	1	1,626 4 0	...	1	1	958 7 11	1	144 0 0	2,728 11 11	322 2 5	94 13 10	3,145 12 2	...	1,937 15 10	1,177 12 4	...	3,145 12 2	3,752	0 13 5
159		Kovvur	...	...	1	770 0 0	...	2	...	711 0 0	1	123 4 0	1,604 4. 0	593 15 1	161 8 9	2,359 11 10	...	1,318 9 9	1,041 2 1	..	2,359 11 10	3,343	0 10 11
160		Nellore	...	...	1	1,858 12 3	...	...	2	733 6 10	1	138 12 0	2,730 15 1	591 10 9	109 11 6	3,432 5 4	...	2,406 11 2	1,025 10 2	..	3,432 5 4	3,723	0 14 9
161		Podili	...	...	1	537 2 8	...	...	2	588 15 9	1	120 0 0	1,246 2 5	500 3 10	68 11 7	1,815 1 10	...	133 3 0	1,681 14 10	...	1,815 1 10	2,420	0 12 0
162		Rapur	...	...	1	221 8 0	...	...	...	...	1	39 3 0	260 11 0	81 4 0	5 10 2	347 9 2	...	347 9 2	...	...	347 9 2	2,332	0 2 5
163		Udayagiri	...	...	1	871 8 5	...	...	2	700 0 0	1	102 6 5	1,673 14 10	548 7 0	49 4 5	2,271 10 3	...	1,283 10 3	988 0 0	...	2,271 10 3	2,833	0 12 10
164		Venkatagiri	...	...	1	770 0 0	...	1	1	323 0 0	1	122 7 0	1,215 7 0	450 7 11	99 15 8	1,765 14 7	...	1,238 15 7	526 15 0	...	1,765 14 7	4,219	0 7 1
		Total of district ...	...	...	12	10,760 3 4	1	4	16	7,627 9 6	12	1,401 10 1	19,789 6 11	6,001 2 9	1,142 2 4	26,932 12 0	...	15,019 14 7	11,912 13 5	...	26,932 12 0	39,377	0 10 11
165	The Nilgiris.	The Nilgiris	...	...	1	1,511 15 0	3	1	...	1,617 11 0	1	163 0 0	3,292 10 0	100 7 9	692 13 6	4,085 15 3	...	2,320 4 3	1,765 11 0	...	4,085 15 3	4,931	0 13 3
		Total of district ...	...	...	1	1,511 15 0	3	1	...	1,617 11 0	1	163 0 0	3,292 10 0	100 7 9	692 13 6	4,085 15 3	...	2,320 4 3	1,765 11 0	...	4,085 15 3	4,931	0 13 3
166	Ramnad.	Aruppukottai	...	...	1	988 10 0	1	2	...	1,122 14 8	1	122 11 0	2,234 3 8	970 5 3	221 11 9	3,426 4 8	...	1,681 5 6	1,744 15 2	...	3,426 4 8	5,865	0 9 4
167		Mudukulattur	...	...	1	803 1 6	...	2	...	769 12 0	1	120 10 0	1,723 7 0	701 1 0	210 8 6	2,635 0 0	...	1,564 10 0	1,070 6 0	...	2,635 0 0	5,921	0 7 2
168		Ramnad	...	...	1	1,655 0 0	1	2	1	1,889 12 7	1	144 6 0	3,688 12 7	1,163 7 11	223 12 3	5,076 0 9	...	2,282 14 3	2,793 2 6	...	5,076 0 9	7,829	0 10 4
169		Sattur	...	...	1	770 15 6	...	2	1	1,330 0 0	1	144 0 0	2,244 15 6	320 0 3	229 10 6	2,794 10 3	...	1,394 10 6	1,399 15 9	...	2,794 10 3	5,745	0 7 9
170		Sivaganga	...	...	1	1,362 1 0	1	1	1	1,139 0 7	1	144 0 0	2,645 1 7	1,073 5 3	269 8 2	3,987 15 0	...	2,211 9 8	1,746 5 4	...	3,987 15 0	5,644	0 11 4
171		Srivilliputtur	...	...	1	909 0 0	1	...	1	1,013 2 6	1	107 11 0	2,029 13 6	280 9 0	162 1 0	2,472 7 6	...	1,386 5 0	1,086 2 6	...	2,472 7 6	6,130	0 6 6
172		Tiruppattur	...	...	1	1,428 14 0	...	1	2	1,677 1 10	1	143 3 0	3,249 2 10	405 2 0	266 10 9	3,920 15 7	...	2,094 0 9	1,826 14 10	...	3,920 15 7	4,542	0 13 10
173		Tiruvadanai	...	...	1	646 0 0	...	2	...	603 2 5	1	111 3 0	1,360 5 5	657 6 9	115 5 0	2,133 1 2	...	1,109 9 6	1,023 8 2	...	2,133 1 2	2,485	0 13 9
		Total of district ...	...	...	8	8,653 9 6	4	12	6	9,484 14 7	8	1,037 6 0	19,175 14 1	5,571 5 5	1,699 3 5	26,446 6 11	...	13,755 0 8	12,691 6 3	...	26,446 6 11	44,161	0 9 7
174	Salem.	Attur	...	...	1	640 0 0	...	...	2	445 14 0	1	126 0 0	1,211 14 0	435 15 0	191 3 6	1,839 0 6	...	1,163 1 0	675 15 6	...	1,639 0 6	5,486	0 5 4
175		Dharmapuri	...	...	1	840 0 0	...	1	2	920 15 3	1	151 6 0	1,912 5 3	777 3 1	105 1 6	2,794 9 10	...	1,551 9 7	1,243 0 3	...	2,794 9 10	6,353	0 7 0
176		Harur	...	...	1	734 9 6	...	...	2	533 9 2	1	130 7 6	1,398 9 2	575 5 0	209 8 0	2,183 6 2	...	1,409 13 0	773 9 2	...	2,183 6 2	3,690	0 9 5
177		Hosur	...	...	1	1,320 4 1	...	...	3	525 0 0	1	132 0 0	1,977 4 1	636 4 0	234 2 0	2,847 10 1	...	1,984 8 9	863 1 4	...	2,847 10 1	4,384	0 9 1
178		Krishnagiri	...	...	1	720 0 0	1	...	1	695 10 9	1	138 0 0	1,553 10 9	535 10 5	250 5 6	2,339 10 8	...	1,438 13 0	900 13 8	...	2,339 10 8	4,419	0 8 11
179		Namakkal	...	...	1	1,460 0 0	...	...	2	605 4 0	1	132 3 0	2,197 7 0	749 14 0	127 4 0	3,074 9 0	...	2,084 5 0	990 4 0	...	3,074 9 0	4,528	0 10 10
180		Omalur	...	...	1	917 6 0	...	1	1	654 4 0	1	126 13 0	1,698 7 0	764 3 0	294 14 6	2,757 8 6	...	1,671 5 0	1,086 3 6	...	2,757 8 6	6,785	0 6 6
181		Rasipuram	...	...	1	900 0 0	...	...	2	495 0 0	1	116 5 0	1,511 5 0	539 4 10	217 5 6	2,267 15 4	..	1,473 7 4	794 8 0	...	2,267 15 4	4,422	0 8 2
182		Salem	...	...	1	885 0 6	...	2	...	1,206 15 7	1	144 0 0	2,236 0 1	636 7 8	195 0 10	3,067 8 7	...	1,468 6 2	1,599 2 5	...	3,067 8 7	6,699	0 7 4
183		Sankari	...	...	1	1,015 0 0	1	..	3	1,077 9 0	1	144 0 0	2,236 9 0	915 14 0	272 13 0	3,425 4 0	...	1,690 9 6	1,734 10 6	...	3,425 4 0	8,693	0 6 3
		Total of district ...	...	...	10	9,432 3 7	2	4	18	7,160 1 9	10	1,341 2 0	17,933 7 4	6,566 1 0	2,037 10 4	26,597 2 8	...	15,935 14 4	10,661 4 4	...	26,597 2 8	55,459	0 7 8
184	South Kanara.	Coondapur	...	...	1	942 7 4	...	2	...	715 4 0	1	134 13 0	1,792 8 4	463 10 0	99 5 6	2,355 7 10	...	1,630 3 10	725 4 0	...	2,355 7 10	4,882	0 7 9
185		Karkal	...	...	1	1,073 14 0	...	1	1	583 15 0	1	159 1 7	1,816 14 7	738 5 0	181 13 8	2,737 1 3	...	1,728 4 0	1,008 13 3	...	2,737 1 3	5,586	0 7 10
186		Kasargod	...	...	1	840 0 0	...	1	2	724 11 0	1	133 15 0	1,698 10 0	592 4 0	56 9 6	2,347 7 6	...	1,351 10 0	995 13 0	...	2,347 7 6	3,983	0 9 5
187		Mangalore	...	...	1	1,192 8 0	...	2	1	872 15 0	1	161 3 0	2,226 10 0	797 6 0	306 9 3	3,330 9 3	...	1,743 0 6	1,587 8 9	...	3,330 9 3	7,727	0 6 11

A.—VACCINE DEPARTMENT—*cont.*

Statement No. II showing the Cost of the Department in the Madras Presidency for the official year 1923-24—cont.

Number.	Districts.	Circles.	Expenditure.												Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Inspector of Vaccination and Assistant Director of Public Health.	Pay.	Health Inspectors.		Vaccinators.				Peons, etc.			Travelling allowance.	Contingencies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
					Number.	Pay.	First-class.	Second-class.	Probationers.	Pay.	Number.	Pay.	Total pay of establishment.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				Rs. A. P.		Rs. A. P.				Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.
188	South Kanara—*cont.*	Puttur	...	...	1	1,205 0 0	...	2	...	514 14 0	1	105 9 0	1,825 7 0	592 0 0	143 15 0	2,561 6 0	...	1,800 15 2	760 6 10	...	2,561 6 0	5,366	0 7 7
189		Udipi	...	...	1	795 0 0	...	3	...	1,135 0 4	1	144 0 0	2,074 0 4	673 4 6	422 10 6	3,169 15 4	...	1,460 1 6	1,709 13 10	...	3,169 15 4	9,227	0 5 6
190		Uppinangadi	...	...	1	440 0 0	...	2	1	853 9 10	1	68 8 0	1,362 1 10	519 1 6	175 15 6	2,057 2 10		779 2 0	1,278 0 10	...	2,059 2 10	4,173	0 7 10
		Total of district ...	...	...	7	6,488 13 4	...	13	5	5,400 5 2	7	907 1 7	12,796 4 1	4,375 15 0	1,386 14 11	18,559 2 0	...	10,493 5 6	8,065 12 6	...	18,559 2 0	40,944	0 7 3
191	Tanjore.	Arantāngi	...	...	1	835 0 0	...	2	...	853 4 1	1	129 3 0	1,817 7 1	715 11 3	201 9 0	2,734 11 4	...	1,517 6 0	1,217 5 4	...	2,734 11 4	3,878	0 11 3
..		Kumbakōnam	...	...	1	546 0 0	1	1	..	924 0 0	1	144 0 0	1,614 0 0	660 0 0	...	2,274 0 0	...	...	2,274 0 0	...	2,274 0 0	4,773	0 7 7
192		Mannargudi	...	...	1	1,435 0 0	...	2	...	804 4 0	1	144 0 0	2,383 4 0	701 11 0	325 5 0	3,410 4 0	...	2,143 8 0	1,266 12 0	...	3,410 4 0	5,613	0 9 11
...		Māyavaram, East	...	...	1	746 14 6	...	1	...	594 10 2	1	129 7 5	1,471 0 1	402 8 5	119 10 6	1,993 3 0	...	...	1,993 3 0	...	1,993 3 0	4,112	0 7 9
193		Māyavaram, West	...	...	1	1,067 8 4	1	...	...	431 15 8	1	142 14 0	1,642 6 0	494 6 2	210 5 7	2,347 1 9	...	1,747 8 1	599 9 8	...	2,347 1 9	3,755	0 9 9
194		Nannilam, North	...	...	1	1,250 0 0	...	1	...	378 10 9	1	126 13 0	1,755 7 9	437 14 7	183 6 0	2,376 12 4	...	1,884 12 7	491 15 9	...	2,376 12 4	2,679	0 14 2
195		Nannilam, South	...	...	1	770 0 0	1	1	...	511 7 0	1	112 11 0	1,394 2 0	303 4 0	110 2 6	1,807 8 6	...	1,264 4 6	543 4 0	...	1,807 8 6	2,725	0 10 7
..		Negapatam	...	...	1	493 8 9	...	1	...	405 2 10	1	144 0 0	1,042 11 7	456 0 0	99 7 0	1,598 2 7	...	...	1,598 2 7	...	1,598 2 7	1,594	0 5 0
196		Pāpanāsam	...	.	1	1,195 0 0	1	1	...	1,165 11 11	1	236 0 0	2,596 11 11	708 2 4	211 13 3	3,516 11 6	...	1,879 10 4	1,637 1 2	...	3,516 11 6	5,875	0 9 7
197		Puttukkōttai	...	...	1	870 0 0	...	2	...	792 0 0	1	204 0 0	1,866 0 0	707 6 0	140 0 0	2,713 6 0	...	1,548 0 0	1,165 6 0	...	2,713 6 0	5,917	0 7 4
198		Shiyāli	...	...	1	840 0 0	...	1	1	492 7 7	1	144 0 0	1,476 7 7	485 12 8	228 12 0	2,191 0 3	...	1,543 0 0	650 13 3	...	2,191 0 3	5,273	0 6 8
199		Tanjore, North	...	...	1	1,195 0 0	1	3	...	1,653 0 0	1	167 0 0	3,015 0 0	773 12 10	259 14 4	4,048 11 2	...	1,922 11 0	2,126 0 2	...	4,048 11 2	4,862	0 13 4
...		Tanjore, South	...	...	1	714 12 0	...	1	...	449 15 0	1	144 0 0	1,308 11 0	448 5 0	14 10 0	1,771 10 0	...	...	1,771 10 0	...	1,771 10 0	4,932	0 5 8
...		Tirutturaippundi	...	...	1	637 0 0	1	1	...	858 0 0	1	160 14 0	1,655 14 0	465 1 0	84 4 0	2,205 3 0	...	...	2,205 3 0	...	2,205 3 0	7,554	0 4 8
		Total of district ...	...	...	14	12,595 11 7	6	18	1	10,314 9 0	14	2,128 14 5	25,039 3 0	7,759 15 3	2,189 3 2	34,988 5 5	...	15,447 15 6	19,540 5 11	...	34,988 15 5	67,042	0 8 4
200	Tinnevelly.	Ambasamudram	...	...	1	770 0 0	1	1	...	1,019 4 0	1	137 13 0	1,927 1 0	606 0 0	118 12 0	2,651 13 0	...	1,257 14 6	1,393 14 6	...	2,651 13 0	5,550	0 7 7
201		Kōvilpatti	...	...	1	695 0 4	1	1	...	1,208 5 0	1	142 13 5	2,046 2 9	832 3 5	309 14 0	3,188 4 2	...	1,352 1 10	1,836 2 4	...	3,188 4 2	5,219	0 9 9
202		Nanguneri	...	...	1	930 0 0	1	...	1	853 5 0	1	138 6 0	1,921 11 0	925 7 0	153 12 9	3,000 14 9	...	1,759 13 3	1,241 1 6	...	3,000 14 9	7,797	0 6 2
203		Sankarankovil	...	...	1	1,251 2 0	1	1	1	799 0 9	1	143 0 0	2,193 2 9	769 15 6	227 1 6	3,190 3 9	...	1,888 0 6	1,302 3 3	...	3,190 3 9	5,582	0 9 2
204		Srivaikuntam	...	...	1	1,195 0 0	1	1	...	1,573 0 0	1	144 0 0	2,912 0 0	620 5 0	196 10 3	3,728 15 3	...	1,791 7 3	1,937 8 0	...	3,728 15 3	5,661	0 10 6
205		Tenkāsi	...	...	1	840 0 0	1	1	2	1,118 15 0	1	134 13 0	2,093 12 0	816 8 0	134 6 2	3,044 10 2	...	1,506 9 2	1,538 1 0	...	3,044 10 2	9,189	0 5 8
206		Tinnevelly	...	...	1	1,016 1 0	1	...	1	810 5 4	1	123 3 0	1,979 9 4	328 10 0	110 11 9	2,418 15 1	...	1,604 10 9	814 4 4	...	2,418 15 1	4,048	0 9 7
207		Tiruchendūr	...	...	1	844 1 0	1	1	...	859 1 0	1	101 9 0	1,804 11 0	626 11 0	164 0 3	2,595 6 3	...	1,470 15 3	1,124 7 0	...	2,595 6 3	7,317	0 5 8
208		Vilāttikulam	...	...	1	847 5 0	...	2	1	551 7 0	1	109 3 0	1,507 15 0	805 0 0	189 11 9	2,502 10 9	...	1,511 10 9	991 0 0	...	2,502 10 9	6,855	0 5 10
		Total of district ...	...	...	9	8,418 9 4	8	8	6	8,792 11 1	9	1,174 12 5	18,386 0 10	6,330 11 11	1,605 0 5	26,321 13 2	...	14,143 3 3	12,178 9 11	...	26,321 13 2	57,218	0 7 4
209	Trichinopoly.	Ariyalūr	...	...	1	1,135 0 0	1	...	1	919 7 0	1	168 0 0	2,222 7 0	602 15 0	267 6 6	3,092 12 6	...	1,773 8 6	1,319 4 0	...	3,092 12 6	4,606	0 10 0
210		Jayakondam	...	...	1	835 0 0	...	1	1	1,144 12 0	1	144 0 0	2,123 12 0	789 2 10	176 9 3	3,089 8 1	...	1,318 10 0	1,770 14 1	..	3,089 8 1	6,121	0 8 1
211		Karūr	...	...	1	835 0 0	1	...	1	1,004 12 0	1	147 0 0	1,986 12 0	864 4 0	262 3 10	3,113 3 10	...	1,527 2 0	1,586 1 10	...	3,113 3 10	7,082	0 7 0
212		Kulittalai	...	...	1	835 0 0	1	...	1	1,034 12 0	1	137 12 0	2,067 8 0	664 11 0	52 9 6	2,784 12 6	..	1,328 4 6	1,458 8 0	...	2,784 12 6	6,710	0 6 8
213		Lalgudi	...	...	1	942 12 0	..	2	1	1,313 14 0	1	158 4 0	2,414 14 0	844 4 0	136 6 6	3,195 8 6	...	1,430 12 0	1,764 12 6	...	3,195 8 6	6,364	0 8 0
214		Manapparai	...	...	1	705 0 0	...	1	1	709 8 0	1	103 10 0	1,518 2 0	505 1 0	49 13 0	2,073 0 0	...	2,054 14 0	18 2 0	...	2,073 0 0	5,085	0 6 6
215		Musiri	...	...	1	1,233 1 0	1	1	...	1,046 6 0	1	132 0 0	2,411 7 0	613 12 0	63 7 0	3,088 10 0	...	1,679 13 0	1,408 13 0	...	3,088 10 0	5,402	0 9 2
216		Perambalur	...	...	1	881 7 0	...	2	...	1,065 14 0	1	147 0 0	2,094 5 0	887 13 0	70 7 0	3,052 9 0	...	1,552 4 0	1,500 5 0	...	3,052 9 0	6,968	0 7 0
217		Trichinopoly	...	...	1	1,465 9 0	1	...	...	952 8 0	1	211 4 0	2,629 5 0	646 7 0	236 10 0	3,512 6 0	...	2,128 0 10	1,384 5 2	...	3,512 6 0	5,029	0 11 2
218		Turaiyur	...	...	1	835 0 0	.	...	2	849 15 0	1	147 0 0	1,831 15 0	717 9 0	51 6 0	2,600 14 0	...	1,324 10 0	1,276 4 0	...	2,600 14 0	6,565	0 6 4
		Total of district ...	...	...	10	9,702 13 0	5	7	8	10,101 12 0	10	1,495 14 0	21,300 7 0	6,935 14 10	1,366 14 7	29,603 4 5	...	16,115 14 10	13,487 5 7	...	29,603 4 5	59,932	0 7 11
219	Vizagapatam.	Anakāpalle	...	...	1	1,210 0 0	...	1	...	366 13 2	1	144 0 0	1,720 13 2	530 1 1	79 2 4	2,330 0 7	...	1,786 14 7	543 2 0	..	2,330 0 7	3,499	0 10 8
220		Bobbili	...	...	1	1,245 0 6	..	1	1	417 10 2	1	144 0 0	1,806 10 8	502 12 7	117 15 0	2,427 6 3	...	1,732 9 6	694 12 9	...	2,427 6 3	4,576	0 8 6
..		Bimlipatam	...	...	1	645 0 0	1	1	...	645 14 8	1	120 0 0	1,411 14 8	318 12 4	...	1,730 11 0	...	...	1,730 11 0	...	1,730 11 0	4,535	0 6 1
221		Chipurupalle	...	...	1	1,636 3 2	...	2	...	621 11 10	1	144 0 0	2,401 15 0	565 9 9	102 13 6	3,070 6 3	...	2,210 4 2	860 2 1	...	3,070 6 3	5,345	0 9 2
...		Chōdavaram	...	...	1	370 0 0	...	1	1	680 12 0	1	62 9 0	1,113 5 0	437 5 0	13 11 6	1,564 5 6	...	...	1,564 5 6	...	1,564 5 6	5,910	0 4 3
222		Gajapatinagaram	...	...	1	845 0 0	...	1	1	575 15 0	1	131 9 10	1,552 8 10	571 10 3	79 9 0	2,203 12 1	...	1,380 4 1	823 8 0	...	2,203 12 1	5,263	0 6 8
223		Narasapatam	...	...	1	835 0 0	...	1	1	617 0 0	1	129 10 0	1,581 10 0	613 10 0	104 7 0	2,299 11 0	...	1,436 15 0	862 12 0	...	2,299 11 0	4,679	0 7 10
224		Palkonda	...	...	1	814 8 2	1	1	..	406 7 3	1	121 5 0	1,345 4 5	466 10 5	93 7 0	1,905 5 10	...	1,359 9 10	545 12 0	...	1,905 5 10	3,723	0 8 2
...		Pārvatipuram	...	...	1	944 2 5	...	1	...	426 2 1	1	140 1 2	1,510 5 8	361 6 0	28 8 0	1,900 3 8	...	874 5 7	1,025 14 1	...	1,900 3 8	2,529	0 12 0
...		Jami	...	...	1	524 0 0	...	1	...	277 15 8	1	73 0 0	874 15 8	383 2 4	0 10 0	1,258 12 0	...	...	1,258 12 0	...	1,258 12 0	2,973	0 6 9
225		Razam	...	...	1	835 0 0	...	2	...	567 5 7	1	128 11 0	1,531 0 7	549 0 1	110 0 0	2,190 0 8	...	1,388 12 0	801 4 8	...	2,190 0 8	4,832	0 7 3
226		Sālūr	...	...	1	910 0 0	.	...	1	160 12 10	1	131 9 7	1,202 6 5	472 15 8	65 1 0	1,740 7 1	...	1,472 12 1	267 11 0	...	1,740 7 1	2,674	0 10 5
227		Vizagapatam	...	...	1	990 0 0	...	1	...	272 0 0	1	164 0 0	1,426 0 0	383 10 0	26 2 0	1,835 12 0	...	354 15 0	1,480 13 0	...	1,835 12 0	3,170	0 9 3
228		Vizianagaram	...	...	1	1,135 0 0	...	2	..	567 5 8	1	144 0 0	1,846 5 8	524 13 3	115 0 3	2,486 3 2	...	1,692 6 3	793 12 11	...	2,486 3 2	5,226	0 7 7
229		Yellamanchilli	...	...	1	1,218 11 0	...	1	1	544 9 0	1	121 13 0	1,885 1 0	594 4 0	90 4 3	2,569 9 3	...	1,799 9 6	769 15 9	...	2,569 9 3	6,743	0 6 1
		Total of district ...	...	...	15	14,158 9 3	2	17	6	7,148 6 11	15	1,903 4 7	23,210 4 9	7,275 10 9	1,026 10 10	31,512 10 4	...	17,489 5 7	14,023 4 9	...	31,512 10 4	65,687	0 7 8
		Grand Total of districts ...	...	...	245*	2,32,176 9 0	98	288	162	2,01,489 10 4	245	32,089 11 1	4,65,755 14 5	1,60,889 10 9	37,298 4 11	6,63,934 14 1	...	3,67,878 7 7	2,96,056 6 6	...	6,63,934 14 1	12,50,227	0 8 6

* Includes 16 Local Fund Sanitary Inspectors who were given range work.

A.—VACCINE DEPARTMENT—*cont.*

Statement No. II showing the Cost of the Department in the Madras Presidency for the official year 1923-24—cont.

Number.	Districts.	Circles.	Expenditure.												Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Inspector of Vaccination and Assistant Director of Public Health.	Pay.	Health Inspectors. Number.	Health Inspectors. Pay.	Vaccinators. First-class.	Vaccinators. Second-class.	Vaccinators. Probationers.	Vaccinators. Pay.	Peons, etc. Number.	Peons, etc. Pay.	Peons, etc. Total pay of establishment.	Travelling allowance.	Contingencies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				Rs. A. P.		Rs. A. P.				Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.
1		Adōni	...	...	...	...	1	...	...	580 4 2	...	...	580 4 2	...	69 10 0	649 14 2	...	...	...	649 14 2	649 14 2	1,428	0 7 3
2		Anakāpalle	...	...	...	...	...	1	...	403 3 0	...	...	403 3 0	...	22 2 0	425 5 0	...	...	...	425 5 0	425 5 0	838	0 8 1
3		Anantapur	...	...	...	...	...	1	...	262 8 0	...	...	262 8 0	...	23 0 2	285 8 2	...	...	...	285 8 2	285 8 2	321	0 14 3
4		Bellary	...	...	...	...	1	2	...	837 7 4	...	...	837 7 4	...	26 4 0	863 11 4	...	...	...	863 11 4	863 11 4	3,179	0 4 5
5		Berhampur	...	...	...	...	1	...	...	360 0 0	...	...	360 0 0	...	38 10 0	398 10 0	...	...	...	398 10 0	398 10 0	1,480	0 4 4
6		Bezwada	...	...	...	...	...	1	...	405 7 0	1	120 0 0	525 7 0	...	27 2 6	552 9 6	...	...	...	552 9 6	552 9 6	1,750	0 5 1
7		Bimlipatam	...	...	...	...	...	1	...	263 10 0	...	...	263 10 0	...	5 12 0	269 6 0	...	...	...	269 6 0	269 6 0	391	0 11 0
8		Bodināyakkanūr	...	...	...	...	1	...	...	305 7 10	...	...	305 7 10	...	1 2 0	306 9 10	...	...	...	306 9 10	306 9 10	588	0 8 4
9		Calicut	...	...	...	...	1	2	...	779 10 0	...	...	779 10 0	...	651 0 6	1,430 10 6	...	...	...	1,430 10 6	1,430 10 6	6,213	0 3 8
10		Cannanore	...	...	...	...	...	1	1	303 4 0	...	...	303 4 0	...	...	303 4 0	...	...	...	303 4 0	303 4 0	4,760	0 1 0
11		Chicacole	...	...	...	...	1	...	...	417 0 0	...	...	417 0 0	...	12 0 0	429 0 0	...	...	...	429 0 0	429 0 0	815	0 8 5
12		Chidambaram	...	...	...	...	...	1	...	255 0 0	..	...	255 0 0	...	2 9 0	257 9 0	...	...	...	257 9 0	257 9 0	339	0 12 6
13		Chingleput	...	...	...	...	...	1	...	376 10 9	...	...	376 10 9	...	20 12 8	397 7 5	...	...	...	397 7 5	397 7 5	588	0 10 9
14		Chirala	...	...	...	...	...	1	...	278 3 7	...	...	278 3 7	...	42 12 9	321 0 4	...	...	...	321 0 4	321 0 4	1,937	0 2 8
15		Chittoor	...	...	...	...	...	1	...	415 2 4	...	...	415 2 4	59 10 8 Cycle allowce.	76 10 0	551 7 0	...	...	...	551 7 0	551 7 0	591	0 14 11
16		Cocanada	...	...	...	...	1	1	...	1,333 1 4	...	...	1,333 1 4	...	172 9 0	1,505 10 4	...	...	...	1,505 10 4	1,505 10 4	2,262	0 10 8
17		Cochin	...	...	...	...	...	1	...	806 0 0	...	...	806 0 0	...	...	806 0 0	...	...	...	806 0 0	806 0 0	905	0 14 3
18		Coimbatore	...	...	...	...	1	1	1	1,593 15 1	...	...	1,593 15 1	...	48 13 0	1,642 12 1	...	...	...	1,642 12 1	1,642 12 1	3,199	0 8 3
19		Conjeeveram	...	...	...	...	1	1	...	1,271 13 6	...	...	1,271 13 6	...	8 10 5	1,280 7 11	...	...	...	1,280 7 11	1,280 7 11	1,591	0 14 9
20		Coonoor	...	...	...	...	1	...	...	479 3 11	...	...	479 3 11	...	335 5 9	814 8 11	...	...	...	814 8 11	814 8 11	832	0 15 8
21		Cuddalore	...	...	...	...	1	1	...	495 0 0	...	...	495 0 0	...	106 14 1	601 14 1	...	...	...	601 14 1	601 14 1	2,033	0 4 9
22		Cuddapah	...	...	...	...	...	1	...	322 14 5	...	...	322 14 5	...	4 11 0	327 9 5	...	...	...	327 9 5	327 9 5	700	0 7 6
23		Dhārāpuram	...	...	...	...	...	1	...	240 0 0	...	...	240 0 0	...	...	240 0 0	...	...	...	240 0 0	240 0 0	528	0 7 3
24		Dindigul	...	...	...	...	...	1	...	368 0 0	1	144 0 0	512 0 0	...	1 15 0	513 15 0	...	...	...	513 15 0	513 15 0	945	0 8 8
25		Ellore	...	...	...	...	1	1	..	689 4 0	1	84 0 0	773 4 0	...	60 12 6	834 0 6	...	...	...	834 0 6	834 0 6	1,841	0 7 3
26		Erode	...	...	...	...	...	...	...	440 15 0	...	...	440 15 0	...	30 2 8	471 1 8	...	...	...	471 1 8	471 1 8	646	0 11 8
27		Gudiyāttam	...	...	...	...	...	1	...	264 2 3	...	...	264 2 3	...	4 8 0	268 10 3	...	...	...	268 10 3	268 10 3	938	0 4 7
28		Guntūr	...	...	...	...	...	1	1	651 6 0	2	240 0 0	801 6 0	...	91 0 9	982 6 9	...	...	...	982 6 9	982 6 9	2,177	0 7 2
29		Hindupur	...	...	...	...	...	1	...	172 8 0	...	...	172 8 0	...	9 7 6	181 15 6	...	...	...	181 15 6	181 15 6	731	0 4 0
30		Hospet	...	...	...	...	...	1	...	341 0 0	...	...	341 0 0	...	75 7 8	416 7 8	...	...	...	416 7 8	416 7 8	802	0 8 4
31		Karūr	...	...	...	...	1	...	...	474 6 0	..	...	474 6 0	...	14 13 6	489 3 6	...	...	...	489 3 6	489 3 6	377	1 4 9
32		Kodaikānal	...	...	...	...	†1	...	...	48 1 0	...	...	48 1 0	...	4 15 6	53 0 6	...	...	...	53 0 6	53 0 6	190	0 4 6
33		Kumbakōnam	...	...	...	...	1	2	..	749 12 0	...	...	749 12 0	...	37 1 9	786 13 0	...	...	...	786 13 0	786 13 0	2,301	0 5 6
34		Kurnool	...	...	...	...	1	...	...	568 0 0	...	...	568 0 0	...	10 0 0	578 0 0	...	...	...	578 0 0	578 0 0	995	0 9 4
35		Madras	...	...	...	...	15	33	...	33,584 1 4	24	5,917 11 5	39,501 12 9	...	6,623 15 3	46,125 12 0	...	...	...	46,125 12 0	46,125 12 0	21,310	2 2 8
36		Madura	...	...	...	...	...	11	...	1,906 4 0	...	...	1,906 4 0	...	757 10 2	2,663 14 2	...	...	...	2,663 14 2	2,663 14 2	15,638	0 2 9
37		Mangalore	...	...	...	...	1	1	1	1,163 5 4	1	146 0 0	1,309 5 4	...	56 1 11	1,365 7 3	...	...	...	1,365 7 3	1,365 7 3	4,944	0 4 10
38		Mannārgudi	...	...	...	...	...	1	...	439 1 1	...	...	439 1 1	...	16 9 7	455 10 8	...	...	...	455 10 8	455 10 8	510	0 14 4
39		Masulipatam	...	...	...	...	1	1	1	1,014 1 0	...	...	1,014 1 0	...	108 12 8	1,122 13 8	...	...	...	1,122 13 8	1,122 13 8	3,540	0 5 1
40		Māyavaram	...	...	...	...	1	...	...	420 0 0	...	...	420 0 0	45 0 0 Cycle allowce.	11 15 0	476 15 0	...	...	...	476 15 0	476 15 0	912	0 8 4
41		Nandyāl	...	...	...	...	1	...	...	493 8 0	...	...	493 8 0	...	10 11 0	510 3 0	...	...	...	510 3 0	510 3 0	542	0 15 1
42		Narasaraopet	...	...	...	...	...	1	...	270 0 0	...	...	270 0 0	...	17 0 0	287 0 0	...	...	...	287 0 0	287 0 0	571	0 8 1
43		Negapatam	...	...	...	...	1	2	...	819 2 10	...	...	819 2 10	...	85 13 9	905 0 7	...	...	...	905 0 7	905 0 7	3,634	0 4 0
44		Nellore	...	...	...	...	1	1	...	540 0 0	2	180 0 0	720 0 0	87 8 0 Cycle allowce.	...	807 8 0	...	...	...	807 8 0	807 8 0	1,198	0 10 10
45		Ongole	...	...	...	...	...	1	...	139 11 6	..	...	139 11 6	...	35 6 0	175 1 6	...	...	...	175 1 6	175 1 6	356	0 7 10
46		Ootacamund	...	...	...	...	1	1	...	539 10 0	...	...	539 10 0	...	71 12 0	611 6 0	...	...	...	611 6 0	611 6 0	721	0 13 7
47		Palacole	...	...	...	...	...	1	...	369 0 0	1	156 0 0	516 0 0	1 8 0	...	517 8 0	...	...	...	517 8 0	517 8 0	328	1 9 3
48		Palamcottah	...	...	...	...	1	1	...	551 10 11	1	127 8 0	679 2 11	...	45 15 6	725 2 5	...	...	...	725 2 5	725 2 5	1,322	0 8 9
49		Palghat	...	...	...	...	1	1	...	813 2 0	...	...	813 2 0	...	24 4 9	837 6 9	...	...	...	837 6 9	837 6 9	1,984	0 6 9
50		Palni	...	...	...	...	...	1	...	255 0 6	...	...	255 0 6	31 8 6	50 2 9	336 11 9	...	...	...	336 11 9	336 11 9	593	0 9 1
51		Parlākimedi	...	...	...	...	...	1	...	289 14 5	...	...	289 14 5	...	8 10 4	298 8 9	...	...	...	298 8 9	298 8 9	395	0 12 1
52		Poddāpur	...	...	...	...	1	...	...	232 0 0	...	...	232 0 0	...	43 4 3	275 4 3	...	...	...	275 4 3	275 4 3	437	0 10 1
53		Periyakulam	...	...	...	...	1	...	...	307 9 0	...	...	307 9 0	...	58 7 6	366 0 6	...	...	...	366 0 6	366 0 6	920	0 6 4
54		Pollachi	...	...	...	...	...	1	...	360 0 0	...	...	360 0 0	10 0 0	12 3 0	382 3 0	...	...	...	382 3 0	382 3 0	404	0 15 2
55		Proddatūr	...	...	...	...	...	1	...	324 0 0	...	...	324 0 0	...	...	324 0 0	...	...	...	324 0 0	324 0 0	461	0 11 3
56		Rajahmundry	...	...	...	...	1	1	...	555 8 10	...	...	555 8 10	...	0 6 0	555 14 10	...	...	...	555 14 10	555 14 10	2,028	0 4 5
57		Saidapet	...	...	...	...	1	...	1	482 3 7	...	...	482 3 7	...	40 9 0	522 12 7	...	...	...	522 12 7	522 12 7	1,251	0 6 8
58		Salem	...	...	...	...	...	3	...	467 9 0	...	...	467 9 0	...	39 5 1	506 14 1	...	...	...	506 14 1	506 14 1	2,739	0 3 0
							Registrar Vaccinators.																
59		Sivakasi	...	...	...	...	...	1	...	390 0 0	...	...	390 0 0	...	5 10 3	395 10 3	...	...	...	395 10 3	395 10 3	674	0 9 5
60		Srīrangam	...	...	...	...	1	...	...	263 0 0	...	...	263 0 0	...	9 0 0	272 0 0	...	...	...	272 0 0	272 0 0	830	0 5 3
61		Srivilliputtūr	...	...	...	...	...	1	...	285 10 10	...	...	285 10 10	...	85 6 0	371 0 10	...	...	...	371 0 10	371 0 10	814	0 7 4
62		Tadpatri	...	...	...	...	...	1	...	314 0 10	...	...	314 0 10	...	4 2 0	318 2 10	...	...	...	318 2 10	318 2 10	302	1 0 10
63		Tanjore	...	...	...	...	3	...	...	720 0 0	...	...	720 0 0	...	31 0 5	751 0 5	...	...	...	751 0 5	751 0 5	2,400	0 5 0
64		Tellicherry	...	...	...	...	...	1	1	364 0 0	1	131 0 0	495 0 0	...	17 0 0	512 0 0	...	...	...	512 0 0	512 0 0	1,061	0 7 9

Municipalities.

* Includes contribution to Provident Fund.

† Medical officer with Vaccination allowances.

A.—VACCINE)EPARTMENT—*cont.*

Statement No. II showing the Cost of the Department *the Madras Presidency for the official year 1923-24*—cont.

Number.	Districts.	Circles.	Expenditure.											Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Inspector of Vaccination and Assistant Director of Public Health.	Pay.	Health Inspectors.		Vaccinators.				Peons, etc.			Travelling allowance.	Contingencies.	Total cost.	Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
					Number.	Pay.	First-class.	Second-class.	Probationers.	Pay.	Number.	Pay.	Total pay of establishment.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				Rs. A. P.		Rs. A. P.				Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.
65	Municipalities—*cont.*	Tenali	...	...	...	...	...	1	...	405 9 6	...	...	405 9 6	...	18 7 0	424 0 6	...	...	...	424 0 6	424 0 6	934	0 7 3
66		Tinnevelly	...	...	...	...	1	1	...	555 12 5	1	144 0 0	699 12 5	60 0 0	82 9 4	842 5 9	..	...	...	842 5 9	842 5 9	1,803	0 7 6
67		Trichinopoly	...	...	...	...	...	4	...	1,399 9 8	...	...	1,399 9 8	...	97 5 6	1,496 15 2	...	...	...	1,496 15 2	1,496 15 2	5,726	0 4 2
68		Tirupati	...	...	...	...	1	...	...	418 10 8	...	...	418 10 8	...	16 4 0	434 14 8	.	...	...	434 14 8	434 14 8	504	0 13 10
69		Tiruppattūr	...	...	...	...	...	1	...	330 0 0	.	...	330 0 0	...	76 5 6	406 5 6	...	...	...	406 5 6	406 5 6	694	0 9 4
70		Tiruppūr	...	...	...	...	...	1	...	494 13 2	...	...	494 13 2	...	57 3 10	552 1 0	...	...	...	552 1 0	552 1 0	530	1 0 8
71		Tiruvālūr	...	...	...	...	1	...	...	241 0 0	...	...	241 0 0	...	131 0 11	372 0 11	...	...	...	372 0 11	372 0 11	582	0 10 3
72		Tiruvannāmalai	...	...	...	...	1	...	...	442 0 0	..	...	442 0 0	...	12 2 6	454 2 6	...	...	...	454 2 6	454 2 6	1,095	0 6 8
73		Tuticorin	...	...	...	...	1	1	...	708 8 10	1	143 0 0	851 8 10	...	152 8 9	1,004 1 7	...	...	...	1,004 1 7	1,004 1 7	2,080	0 7 8
74		Udamalpet	...	...	...	...	...	1	...	311 13 9	...	...	311 13 9	...	115 7 0	427 4 9	...	...	...	427 4 9	427 4 9	344	1 3 1
75		Vāniyambādi	...	...	...	...	...	1	...	253 14 2	...	...	253 14 2	...	...	253 14 2	...	...	...	253 14 2	253 14 2	367	0 11 1
76		Vellore	...	...	...	...	2	...	...	586 7 3	...	...	586 7 3	...	53 8 0	639 15 3	...	...	...	639 15 3	639 15 3	1,961	0 5 2
77		Villupuram	...	...	...	...	1	...	...	300 0 0	...	...	300 0 0	...	19 15 3	319 15 3	...	...	...	319 15 3	319 15 3	526	0 9 9
78		Virudhunagar	...	...	...	...	...	1	...	440 14 9	...	...	440 14 9	...	26 15 6	467 14 3	...	...	...	467 14 3	467 14 3	747	0 10 0
79		Vizagapatam	...	...	...	...	1	1	...	780 0 0	1	120 0 0	900 0 0	...	32 9 0	932 9 0	...	...	...	932 9 0	932 9 0	1,199	0 12 7
80		Vizianagram	...	...	...	...	1	1	...	484 13 5	...	...	484 13 5	9 6 9	2 2 0	496 6 2	...	...	...	496 6 2	496 6 2	1,942	0 3 8
81		Walajapet	...	...	...	...	...	1	...	350 0 0	...	...	350 0 0	...	70 5 0	420 5 0	...	...	...	420 5 0	420 5 0	304	1 6 1
		Total of Municipalities ...	...	...	...	...	57	112	7	74,726 7 1	38	7,653 3 5	82,379 10 6	304 9 11	11,272 9 5	93,956 13 10	...	...	...	93,956 13 10	93,956 13 10	1,43,093	0 10 6
	Military Cantonment.	Bangalore	.	...	...	...	1	1	...	660 0 0	.	...	660 0 0	240 0 0	...	900 0 0	900 0 0	...	...	...	900 0 0	1,552	0 9 3
		Secunderabad	...	...	1	950 8 3	1	4	1	1,850 8 7	5	621 2 8	3,422 3 6	180 0 0	1,589 6 10	5,191 10 4	...	...	4,545 10 4	646 0 0	5,191 10 4	6,909	0 12 0
		Total of Cantonments ...	...	...	1	950 8 3	2	5	1	2,510 8 7	5	621 2 8	4,082 3 6	420 0 0	1,589 6 10	6,091 10 4	900 0 0	...	4,545 10 4	646 0 0	6,091 10 4	8,461	0 11 6
		Assistant Directors of Public Health.	3	17,040 14 0	..	...	...	...	...	...	...	...	17,040 14 0	2,836 2 0	...	19,877 0 0	...	19,877 0 0	...	...	19,877 0 0	...	...
		Grand Total ...	3	17,040 14 0	246	2,33,127 1 3	157	405	170	2,78,726 10 0	288	40,364 1 2	5,69,258 10 5	1,64,441 6 8	50,160 5 2	7,83,860 6 3	900 0 0	3,87,755 7 7	3,00,602 0 10	94,602 13 10	7,83,860 6 3	1,401,781	*0 8 9

* The average cost of each successful case was calculated on the total number of successful vaccinations performed by the special staff only, viz., Local Fund and Municipal staff (vide G.O. No. 1158 L., dated 4th September 1911).

N.B.—In calculating the average cost of each successful case the pay and allowances of the Assistant Directors of Public Health have been excluded.

B.—DISPENSARY VACCINATION.

Statement No. III showing Dispensary Vaccination in the Madras Presidency for the official year 1923-24.

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. Total number of operations.	Primary vaccination. Successful. Under one year.	Primary vaccination. Successful. Over one and under six years.	Primary vaccination. Successful. Total of all ages.	Primary vaccination. Unknown.	Re-vaccination. Total number of operations.	Re-vaccination. Successf	Re-vaccination. Unknown.	Percentage of successful cases in which the results were known. Primary vaccination.	Percentage of successful cases in which the results were known. Re-vaccination.	Percentage of unknown cases to total operations. Primary vaccination.	Percentage of unknown cases to total operations. Re-vaccination.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Agency Districts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anantapur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Arcot, North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Arcot, South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittoor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Guntur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madras ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura (Municipal hospital, Kodaikānal).	...	...	197	...	148	138	2	143	...	49	47	...	96·6	95·9	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nilgiris, The	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rāmnād ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Kanara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	197	...	148	138	2	143	...	49	47	...	96·6	95·9	...	...

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

	Persons primarily vaccinated. In the Madras Presidency.																			
	1914-1915.		1915-1916.		1916-1917.		1917-1918.		1918-1919.		1919-1920.		1920-1921.		1921-1922		1922-1923.		1923-1924.	
	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 ...	19,843	17,892	16,052	14,283	17,276	13,900	17,765	15,057	18,540	14,158	16,082	14,675	14,625	10,616	15,749	11,860	11,997	14,981	20,959	16,852
Local Fund do. ...	1,333,727	1,186,576	1,332,471	1,155,851	1,275,205	1,090,029	1,194,558	989,157	1,161,772	787,222	1,157,793	833,655	1,107,117	651,154	1,057,517	796,007	1,149,068	896,474	1,270,638	1,149,187
Cantonment do. ...	4,282	3,949	4,354	4,152	3,218	2,950	3,710	3,497	3,185	2,667	4,757	4,012	4,105	3,024	5,218	4,354	5,439	5,245	5,859	5,850
Zamindari do. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Municipal do. ...	113,408	108,742	112,146	106,830	114,172	107,326	121,438	113,652	116,193	105,156	103,653	96,188	105,504	88,536	99,480	90,518	105,209	96,948	113,237	109,620
Dispensaries	1	...	99	96	148	145	191	189	157	155	131	129	115	113	124	115	152	140	148	143
Medical Subordinates ...	131	157	1,681	1,464	250	213	197	103	550	312	610	345	680	492	1,764	1,402	1,769	1,232	1,188	842
Total ...	1,471,392	1,317,276	1,466,803	1,282,676	1,410,269	1,214,573	1,337,860	1,121,655	1,300,397	909,670	1,283,026	949,004	1,232,146	753,935	1,179,852	904,256	1,273,628	1,015,020	1,412,629	1,282,494

Statement No. V showing particulars of Vaccination verified by Inspecting Officers in the Madras Presidency during 1923-24.

Districts.	Total number of persons vaccinated.		Total number inspected.				Percentage of inspection to total number vaccinated.				Percentage of cases found successful to total number inspected.				Percentage of success as reported by Vaccinators.	
			By District Medical and Sanitary Officer, District Medical Officers, Civil Surgeons and District Health Officers.		By Health Inspectors.		By District Medical and Sanitary Officer, District Medical Officers Civil Surgeons and District Health Officers.		By Health Inspectors.		By District Medical and Sanitary Officer, District Medical Officers, Civil Surgeons and District Health Officers.		By Health Inspectors.			
	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.
Agency Districts ...	51,088	9,436	...	...	48,807	7,985	...	...	93·9	84·6	...	...	80·7	39·1	84·2	41·7
Anantapur ...	30,505	8,476	142	3	29,413	6,516	0·5	0·03	96·4	76·9	95·8	100·0	89·4	25·3	90·7	26·0
Arcot (North) ...	73,558	7,641	303	...	64,103	4,382	0·4	...	87·2	57·3	95·7	...	93·9	39·1	95·8	42·7
Arcot (South) ...	57,811	4,583	534	14	46,186	2,717	0·9	0·3	79·9	59·3	92·1	7·1	89·8	28·5	91·3	32·8
Bellary ...	32,223	14,761	3,794	1,963	26,684	2,883	11·8	13·3	82·8	19·5	90·9	46·3	87·4	29·6	88·8	42·8
Chingleput ...	45,458	9,723	377	77	40,477	7,082	0·8	0·8	89·01	72·8	97·4	72·7	91·5	47·1	92·6	49·01
Chittoor ...	39,627	6,329	1,415	70	36,696	4,342	3·6	1·1	92·6	68·6	95·8	25·7	94·2	33·7	95·3	34·8
Coimbatore ...	81,170	12,412	1,396	1,074	63,551	7,786	1·7	8·6	78·3	62·7	97·4	64·8	86·9	24·2	88·6	25·2
Cuddapah ...	33,550	5,709	2,285	357	34,301	3,849	6·8	6·2	102·2	67·4	84·02	26·9	83·7	32·1	86·2	33·4
Ganjām ...	46,960	13,153	1,987	554	40,778	8,307	4·2	4·2	86·8	63·1	97·1	78·0	89·1	39·8	90·6	44·2
Gōdāvari ...	48,688	14,292	921	3,181	42,677	7,312	1·9	22·3	87·6	51·2	91·8	64·5	87·7	30·0	88·7	38·3
Guntūr ...	62,021	17,883	3,730	1,732	58,871	9,468	6·0	9·7	94·9	52·9	85·9	45·7	87·9	45·4	89·8	48·9
Kistna ...	68,806	18,694	1,884	140	57,909	11,135	2·7	0·7	84·2	59·6	94·7	57·8	89·7	34·5	92·4	41·5
Kurnool ...	32,643	6,964	799	106	30,747	4,592	2·4	1·5	94·2	65·9	95·4	13·2	80·5	25·9	83·4	30·0
Madras ...	18,191	16,284	...	...	...	...	...	...	...	...	...	...	...	...	96·8	30·8
Madura ...	68,011	20,034	...	...	54,907	7,031	...	...	80·7	35·1	...	...	86·4	36·3	89·3	56·8
Malabar ...	121,407	56,814	1,122	282	112,783	42,318	0·9	0·5	92·9	74·5	95·3	48·4	94·8	45·8	95·5	49·8
Nellore ...	42,344	7,756	911	79	41,474	6,055	2·1	1·0	97·9	78·1	87·4	25·3	85·9	31·9	87·5	33·6
Nilgiris, The ...	5,415	3,228	168	3	3,330	2,331	3·1	0·1	61·5	72·2	95·2	33·3	56·1	80·5	96·1	54·9
Rāmnād ...	53,746	7,470	204	77	49,672	6,209	0·4	1·0	92·4	83·1	91·6	50·6	84·4	30·1	86·2	32·4
Salem ...	61,356	7,416	1,074	25	53,649	5,089	1·7	0·3	87·4	68·6	92·6	31·6	85·4	41·8	88·1	41·8
South Kanara ...	40,912	17,781	2,942	2,889	32,008	8,769	7·2	16·2	79·0	49·3	94·4	59·3	94·2	49·9	95·2	55·04
Tanjore ...	81,070	10,969	691	38	69,846	6,548	0·8	0·3	86·1	59·7	89·0	52·9	88·3	50·2	90·8	55·7
Tinnevelly ...	58,405	11,133	1,602	90	59,509	6,874	2·6	0·8	101·9	61·7	93·3	44·4	84·1	40·3	85·3	45·3
Trichinopoly ...	71,687	10,858	1,549	327	61,527	7,716	2·2	3·0	85·8	71·1	86·0	68·2	87·1	47·0	89·9	48·1
Vizagapatam ...	78,638	18,088	1,476	78	73,201	15,889	1·9	0·7	93·1	87·8	90·9	41·02	81·8	21·6	83·7	24·8
Total ...	1,406,170	337,887	31,206	13,160	1,233,106	203,185	2·2	3·9	87·7	60·1	91·4	56·1	88·0	38·1	90·04	49·3

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

Municipalities.	Number of births available for vaccination during the year 1923-24.	Number of deaths amongst children under one year during the year.	Number of successful vaccinations on children under one year during the year ending March 1924.	Date of extension of compulsory vaccination to municipalities.	Municipalities.	Number of births available for vaccination during the year 1923-24.	Number of deaths amongst children under one year during the year.	Number of successful vaccinations under one year ending March 1924.	Date of extension of compulsory vaccination to municipalities.
Adoni ...	1,909	206	763	1st Dec. 1886	Ootacamund ...	873	158	318	1st July 1887.
Anakāpalle ...	536	126	332	1st Nov. 1891.	Palacole ...	379	78	113	1st Sep. 1919.
Anantapur ...	378	64	208	1st Jan. 1886.	Palamcottah ...	1,513	472	724	1st May 1886.
Bellary ...	1,288	190	496	1st Jan. 1891.	Palghat ...	2,441	373	1,666	1st Jan. 1883.
Berhampur ...	1,087	193	570	15th April 1891.	Palni ...	712	194	317	1st Dec. 1891.
Bezwada ...	1,673	447	764	1st May 1862.	Parlākimedi ...	618	111	192	1st Dec. 1890.
Bimlipatam ...	339	51	225	1st Jan. 1894.	Peddapur ...	393	48	194	1st April 1916.
Bōdināyakkanūr ...	902	187	380	16th Feb. 1916.	Periyakulam ...	838	190	575	1st Feb. 1891.
Calicut ...	8,301	528	1,825	1st Oct. 1891.	Pollachi ...	518	109	289	Govt. have not yet declared vaccination compulsory in the town.
Cannanore ...	952	175	701	1st June 1891.					
Chicacole ...	551	105	284	1st Dec. 1890.					
Chidambaram ...	518	65	238	1st July 1887.					
Chingleput ...	687	156	288	1st April 1897.	Proddatur ...	509	109	153	1st Sep. 1915.
Chirala ...	382	51	214	9th May 1920.	Rājahmundry ...	2,035	539	974	1st Jan. 1886.
Chittoor ...	714	112	344	9th Jan. 1917.	Saidapet ...	804	157	678	1st April 1921.
Cocanada ...	1,649	303	705	1st June 1890.	Salem ...	2,173	294	1,283	1st May 1891.
Cochin ...	692	149	389	1st Jan. 1894.	Sivakāsi ...	393	51	279	Govt. have not yet declared vaccination compulsory in the town.
Coimbatore ...	2,213	443	1,006	1st Jan. 1889.					
Conjeeveram ...	2,084	535	1,015	1st Jan. 1891.					
Coonoor ...	396	42	40	1st April 1887.					
Cuddalore ...	2,178	527	1,289	1st Aug. 1896.	Srirangam ...	639	116	329	1st July 1888.
Cuddapah ...	647	147	229	15th July 1888.	Srivilliputtūr ...	1,838	342	740	1st Jan. 1886.
Dhārāpuram ...	604	82	115	1st Feb. 1916.	Tadpatri ...	364	75	95	1st Oct. 1921.
Dindigul ...	1,174	271	637	16th July 1886.	Tanjore ...	2,256	532	963	1st July 1893.
Ellore ...	1,527	556	477	1st June 1888.	Tellicherry ...	1,386	355	572	15th June 1892.
Erode ...	531	111	223	1st April 1891.	Tenali ...	768	215	371	1st April 1910.
Gudiyāttam ...	712	135	306	1st June 1889.	Tinnevelly ...	2,209	712	822	1st July 1896.
Guntūr ...	2,114	484	736	1st Jan. 1914.	Trichinopoly ...	5,110	1,136	2,483	1st Aug. 1890.
Hindupur ...	737	46	370	1st May 1920.	Tirupati ...	529	98	279	1st Mar. 1890.
Hospet ...	900	167	441	1st April 1892.	Tirupattūr ...	775	163	339	1st July 1891.
Karūr ...	519	95	154	1st Sep. 1900.	Tiruppur ...	309	54	98	1st Apr. 1918.
Kodaikānal ...	195	24	131	1st April 1889.	Tiruvālūr ...	410	94	177	1st Oct. 1913.
Kumbakōnam ...	1,952	544	762	1st Aug. 1886.	Tiruvannāmalai ...	1,116	178	517	15th Dec. 1897.
Kurnool ...	665	140	317	1st July 1891.	Tuticorin ...	1,953	428	624	1st May 1892.
Madras ...	22,803	4,175	11,403	1st June 1884.	Udamalpet ...	408	86	155	1st Apr. 1918.
Madura ...	6,073	1,256	3,555	1st Jan. 1890.	Vāniyambādi ...	700	95	254	1st May 1889.
Mangalore ...	2,000	262	1,156	1st Sep. 1891.	Vellore ...	1,955	345	1,139	1st Jan. 1897.
Mannārgudi ...	560	133	298	1st Dec. 1890.	Villupuram ...	475	67	343	1st Sep. 1919.
Masulipatam ...	1,724	334	724	1st May 1888.	Virudunagar ...	809	226	154	1st Sep. 1915.
Māyavaram ...	1,140	278	601	1st Oct. 1886.	Vizagapatam ...	1,885	330	713	1st Aug. 1890.
Nandyal ...	464	65	215	1st Jan. 1900.	Vizianagram ...	1,360	259	763	1st Jan. 1891.
Narsaraopet ...	282	130	1,009	1st April 1916.	Walajapet ...	435	80	204	20th May 1892.
Negapatam ...	1,834	35	342	1st July 1886.					
Nellore ...	1,132	358	119	1st Aug. 1886.					
Ongole ...	443	185		1st Dec. 1855.	Total ...	116,433	23,510	58,570	
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Statement No. VII showing inspection work done by the Health Inspectors during the year 1923-24.

Districts.	Circles.	Number of Health Inspectors.	Number of villages inspected by Health Inspectors.	Total number of cases vaccinated.	Number of days spent on inspection duty.	Number of cases verified by Health Inspectors.	Total number of successful cases as reported by Health Inspectors.	Percentage of successful cases to the total number inspected as reported by Health Inspectors.	Proportion per cent of inspection by Health Inspectors to total number vaccinated.
1	2	3	4	5	6	7	8	9	10
Agency Districts.	Bhadrāchalam ...	1	290	4,973	212	4,391	2,710	61·7	88·3
	Polavaram	1	343	7,278	164	5,322	3,504	65·9	73·1
	Ganjām Hill Tracts, North ...	1	1,029	8.585	160	6,699	5,435	81·1	78·0
	Ganjām Hill Tracts. South	1	767	5,002	205	4,988	4,304	86·3	99·7
	Gunpur	1	461	9,403	235	7,002	3,855	55·1	74·5
	Hill Madagole... ...	1	295	4,275	132	3,951	3,143	79·6	92·4
	Jeypore	1	1,085	7,517	253	7,252	4,863	67·1	96·4
	Koraput	1	1,078	9,363	179	8,127	7,429	91·4	86·8
	Nowrangpur ...	1	827	9,875	235	9,060	7,276	80·3	91·7
Anantapur.	Anantapur	1	112	5,229	184	4,418	3,268	76·3	84·5
	Dharmavaram ...	1	59	4,703	67	2,877	2,432	84·5	61·1
	Gooty	1	118	5,661	190	5,105	3,526	73·0	90·2
	Hindupur	1	72	3,128	44	2,161	1,903	88·0	69·0
	Kadiri	1	131	6,136	153	6,086	5,013	82·4	99·1
	Kalyāndrug	1	65	3,349	75	3,589	2,810	78·3	107·1
	Madakasira	1	50	3,504	120	2,611	2,228	85·3	74·5
	Penukonda	1	90	3,502	118	4,865	3,648	75·0	138·9
	Tadpatri	1	102	5,599	183	4,217	3,121	74·0	75·3
North Arcot.	Arkōnam	1	138	7,014	104	7,623	6,481	85·0	108·7
	Arni	1	150	6,216	240	5,600	4,871	87·0	90·1
	Cheyyar	1	252	6,237	103	5,455	5,165	94·7	87·4
	Gudiyāttam	1	160	7,635	102	7,463	6,822	91·4	97·7
	Rānipet	1	165	7,786	158	5,688	4,987	87·7	73·1
	Tiruvannāmalai ...	1	333	14,001	162	13,010	11,757	90·3	92·9
	Tiruppattūr	1	191	9,914	92	6,491	6,054	93·3	65·5
	Polur	1	162	7,343	80	5,902	5,437	92·1	80·4
	Vellore	1	257	7,509	65	5,652	5,306	93·9	75·3
	Wandiwash	1	202	7,468	136	5,601	5,091	90·7	75·0
South Arcot.	Chidambaram ...	1	269	6,184	219	4,814	4,370	90·8	77·8
	Cuddalore	1	339	8,769	108	6,834	6,168	90·3	77·9
	Gingee	1	153	6,409	220	3,616	3,262	90·2	56·4
	Kallakurchi	1	127	6,329	151	4,324	3,262	75·4	68·3
	Tindivanam	1	252	7,080	208	6,275	5.194	82·8	88·6
	Tirukkyōilūr	1	112	6,080	181	4,911	4.072	82 9	80·8
	Tittagudi	1	130	2,677	233	2 386	2,097	87·9	89·1
	Villupuram	1	202	9,309	166	4,356	3,824	88·0	46·8
	Vriddhachalam ...	1	173	6,126	176	8,108	7,359	90·8	132·2
	Ulundurpet	1	128	5,236	157	3,279	2,628	80·1	62·6
Bellary ...	Adōni	1	158	5,419	212	5,184	4,707	90·7	95·5
	Alūr	1	85	4,886	30	3,971	3,451	86·9	81·3
	Bellary	1	188	4,796	172	5,033	3,823	76·0	104·9
	Hadagalli	1	86	2,979	50	2,794	2,319	83 0	93·8
	Harpanahalli	1	133	3,935	197	2,401	1,885	78·8	61·0
	Hospet	1	148	3,857	171	3,085	2,340	75·8	80·0
	Kōdligi	1	79	4,176	46	1,315	1,111	84·4	29·3
	Rayadrug	1	139	3,717	99	2,941	2,280	76·8	79·2
	Siruguppa	1	93	3,628	196	2,846	2,294	80·6	78·4
Chingleput	Chingleput	1	198	6,730	252	5,164	4,602	90·8	76·7
	Conjeeveram ...	1	234	6,037	109	5.833	4,539	77·8	96·6
	Madurāntakam ...	1	357	7,709	175	6,787	5,495	81·9	88·0
	Ponnēri	1	382	9,206	208	7,536	5,997	79·6	81·9
	Saidapet	1	185	9,104	273	8,415	7,697	91·5	92·4
	Sriperumbudūr ...	1	231	6,799	227	6,272	5,561	88·7	92·2
	Tiruvallūr	1	291	8,613	236	7,552	6,416	85·0	87·7
Chittoor ...	Chandragiri	1	329	4,123	208	3,208	2,840	88·5	77·8
	Chittoor	1	350	9,088	188	7,891	6,767	85·8	86·8
	Kālahasti	1	293	4,221	128	3,247	2,984	91·9	76·9
	Madanapalle	1	136	6,016	162	5,053	4,714	93·3	83·9
	Palmanēr and Punganur	1	106	6 263	148	6,175	5,250	85·0	98·6
	Puttur	1	321	5,915	107	5,735	4,986	86 2	97·8
	Tiruttani	1	317	6,340	141	5,080	4,440	87·4	80·1
	Voyalpad	1	151	6,489	167	4,599	4,068	88·5	70·9

Statement No. VII showing inspection work done by the Health Inspectors during the year 1923-24—cont.

Districts.	Circles.	Number of Health Inspectors.	Number of villages inspected by Health Inspectors.	Total number of cases vaccinated.	Number of days spent on inspection duty.	Number of cases verified by Health Inspectors.	Total number of successful cases as reported by Health Inspectors.	Percentage of successful cases to the total number inspected as reported by Health Inspectors.	Proportion per cent of inspection by Health Inspectors to total number vaccinated.
1	2	3	4	5	6	7	8	9	10
Coimbatore.	Avanashi	1	149	8,206	229	4,562	3,909	85·7	55·6
	Bhavāni	1	59	7,377	85	5,350	4,043	75·0	73·1
	Coimbatore	1	129	9,646	188	6,042	4,497	74·5	62·6
	Dhārāpuram	1	121	10,628	159	5,488	4,493	81·9	51·6
	Erode	1	214	11,785	232	12,208	9,357	76·6	103·6
	Kollegal ...	1	86	5,012	152	4,597	3,903	84·9	91·7
	Pollachi	1	193	10,428	142	9,391	7,081	75·4	90·1
	Satyamangalam ...	1	137	9,425	232	8,057	6,981	86·6	85·5
	Tiruppūr	1	95	11,488	220	10.213	8,669	84·9	89·1
	Udamalpet	1	104	6,814	155	5,389	4,211	78·5	79·1
Cuddapah ...	Badvel	1	123	5,291	182	4,676	3,343	71·5	88·4
	Cuddapah	1	173	3,002	112	3,254	2,855	87·7	108·4
	Jammalamadugu ...	1	89	6,160	120	5,223	3,761	72·0	84·8
	Kamalāpuram	1	130	1,829	45	1,614	1,303	80·7	88·2
	Proddatūr	1	186	5,850	114	6,284	4,546	72·2	107·6
	Pulivendla	1	88	5,831	213	5,429	4,158	76·6	93·1
	Rajampet	1	159	5,686	80	5,399	4,438	82·0	95·0
	Rāyachōti	1	69	5,437	109	4,895	4,387	89·6	90·0
	Siddhout	1	32	2,235	83	1,366	1,141	83·0	61·1
Ganjām ...	Aska	1	503	6,565	230	4,756	3,305	69·5	72·4
	Berhampur	1	497	6,584	104	4,926	4,078	82·8	74·8
	Chatrapur	1	154	4,579	81	3,095	2,594	83·8	67·6
	Chicacole	1	645	6,490	234	6,323	4,965	78·5	97·4
	Gumsur	1	344	4,697	116	4,245	3,713	87·5	90·4
	Hiramandalam ...	1	132	1,606	24	1,403	1,240	88·4	87·3
	Sompeta	1	462	7,233	218	5,588	4,465	79·9	77·3
	Purushottapur... ...	1	426	6,505	165	5,981	4,972	83·1	91·9
	Parlākimedi	1	528	6,536	249	6,035	4,880	80·9	92·3
	Surada	1	216	1,904	58	1,253	1,029	82·1	65·8
	Tekkali	1	654	6,844	175	5,480	4,395	80·2	80·1
Gōdāvari ...	Alamur	1	100	6,832	233	6,423	4,625	72·0	94·0
	Amalāpuram	1	113	8,267	244	7,830	6,150	78·5	94·7
	Cocanada	1	49	2,948	53	1,681	1,504	89·4	57·0
	Coringa	1	50	2,718	80	2,099	1,707	81·3	77·2
	Kothapettah	1	101	5,234	189	4,060	3,163	77·9	77·6
	Pittāpūram	1	50	4,297	115	3,779	3,175	84·0	87·9
	Prattipadu	1	96	2,734	59	2,512	2,123	85·0	91·8
	Peddāpuram	1	79	4,245	30	4,495	3,458	76·9	105·9
	Rajahmundry	1	91	7,862	192	5,870	4,352	74·2	74·7
	Rāmachandrapuram ...	1	76	3,512	76	3,068	2,312	76·8	85·6
	Razole	1	50	5,804	259	5,274	4,402	83·5	90·9
	Tuni	1	52	3,579	93	2,958	2,667	90·1	82·6
Guntūr ...	Bāpatla	1	171	11,930	166	8,285	6,909	83·4	69·4
	Guntūr	1	202	9,312	136	8,834	7,439	84·2	94·9
	Narasaraopet	1	251	11,104	189	11,048	8,976	81·2	99·5
	Ongole	1	160	9,028	226	8,265	7,349	88·9	91·5
	Palnad	1	203	7,854	207	7,190	6,221	86·5	91·5
	Repalle	1	69	7,526	149	5,719	4,606	80·5	75·9
	Sattenapalle	1	246	9,193	226	9,475	7,167	75·6	103·1
	Tenali	1	106	8,742	223	6,430	5,723	89·0	73·5
	Vinukonda	1	60	4,286	62	3,093	1,693	54·7	72·2
Kistna ...	Bhimavaram	1	173	7,106	125	6,397	5,451	85·2	90·2
	Bezwada	1	107	6,109	260	4,604	3,767	81·8	75·4
	Ellore	1	156	6,936	131	6,284	5,072	80·7	90·6
	Gannavaram	1	127	8,356	87	7,401	5,829	78·8	88·6
	Gudivāda	1	112	10,992	165	9,066	6,493	71·6	82·5
	Kovvur	1	95	6,171	167	5,782	4,834	83·6	93·7
	Kaikalūr	1	71	3,527	131	3,044	2,579	84·7	86·3
	Masulipatam	1	83	4,128	142	3,326	2,818	84·7	80·6
	Nandigāma	1	221	5,969	172	4,576	4,013	87·6	76·7
	Divi	1	58	6,889	85	5,836	3,850	67·7	82·5
	Narasapur	1	96	6,613	44	3,033	2,674	88·2	45·9
	Tanuku	1	146	13,760	194	7,022	5,884	83·8	51·0
	Tiruvur	1	70	3,166	145	2,823	2,548	90·3	89·2

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1	2	3	4	5	6	7	8	9	10
Kurnool ...	Dhone	1	75	5,295	200	4,441	3,161	73·4	83·9
	Giddalore	1	158	4,083	218	4,040	3,191	78·9	86·2
	Koilkuntla	1	156	8,309	120	5,351	4,010	74·9	64·4
	Kurnool	1	146	6,233	102	5,001	3,624	72·4	80·2
	Markapur	1	198	5,263	213	4,391	3,382	77·0	84·4
	Nandikotkur	1	126	6,035	189	5,024	2,967	59·1	83·2
	Nandyal	1	204	2,255	227	2,198	1,721	78·3	97·5
	Pattikonda	1	165	5,494	194	4,893	3,883	79·3	89·0
Madura ...	Dindigul	1	216	9,194	235	8,527	7,275	85·3	92·7
	Kodaikanal	1	20	1,713	128	1,341	1,216	90·7	78·3
	Madura...	1	210	6,927	252	4,345	3,391	78·0	62·7
	Melur	1	100	7,346	221	5,636	3,945	70·0	76·7
	Nilakkottai	1	113	8,161	180	5,078	3,921	77·3	62·2
	Palni	1	113	9,282	187	8,464	6,194	73·2	91·2
	Periyakulam	1	68	12,356	199	10,768	9,478	88·0	87·1
	Tirumangalam ...	1	315	14,644	183	11,540	9,426	81·7	78·8
	Vedasandur	1	142	7,163	179	6,239	5,178	83·0	87·1
Malabar ...	Alattur	1	46	3,285	74	2,761	2,261	81·9	84·0
	Badagara	1	48	9,034	93	7,053	5,763	81·6	78·2
	Calicut...	1	138	11,246	180	12,088	9,249	76·5	107·5
	Chirakkal	1	112	15,297	95	13,377	11,658	87·2	87·4
	Chowghat	1	87	11,226	272	10,389	8,834	85·0	92·5
	Manjeri	1	202	17,034	132	17,206	13,500	78·5	101·0
	Ottapalem	1	60	11,493	181	9,884	8,304	84·0	86·0
	Palghat	1	154	11,181	180	12,181	9,168	75·2	109·2
	Perintalmanna ...	1	55	9,141	223	10,745	8,787	81·8	117·5
	Ponnāni	1	26	3,068	60	2,137	1,773	83·0	69·7
	Quilāndi	1	99	8,618	113	7,249	6,776	93·5	84·1
	Tellicherry	1	131	13,982	182	15,153	10,428	68·8	108·4
	Tirūr	1	118	17,365	211	16,336	13,722	84·0	94·0
	Tirurangadi	1	204	15,693	108	13,418	11,800	87·9	85·5
	Wynaad	1	30	6,588	109	5,120	4,310	84·2	77·7
Nelloro ...	Ātmakūr	1	145	4,417	103	3,148	2,239	71·1	71·3
	Gūdūr	1	146	4,130	136	3,550	3,029	85·3	85·9
	Kandukur	1	132	6,743	156	6,050	4,583	75·7	89·7
	Kanigiri	1	125	4,748	178	4,800	3,638	75·7	101·1
	Kavali	1	304	5,289	192	4,381	3,274	74·7	82·8
	Kovvur	1	138	4,889	158	5,387	3,956	73·4	110·2
	Nelloro...	1	253	4,949	130	4,813	3,979	82·6	97·2
	Podili	1	115	2,991	79	3,235	2,745	84·8	108·1
	Rapur	1	182	3,013	71	3,154	2,600	82·4	103·6
	Udayagiri	1	260	3,563	104	3,195	2,649	82·9	89·6
	Venkatagiri	1	254	5,657	160	4,484	3,736	83·3	79·2
	Darsi	1	56	2,769	31	1,332	1,159	87·0	48·1
The Nilgiris.	The Nilgiris	1	2,684	6,821	190	5,661	4,560	80·5	83·0
Rāmnād ...	Aruppukkōttai ...	1	229	7,628	163	5,866	5,185	88·4	76·9
	Mudukulattur... ...	1	242	7,316	194	6,140	5,293	86·3	83·9
	Rāmnād	1	272	12,893	128	10,303	7,200	69·9	79·9
	Sivaganga	1	495	7,336	131	5,763	5,025	87·4	78·6
	Sattūr	1	592	7,559	151	9,528	7,521	78·9	126·6
	Srīvilliputtūr	1	210	8,309	111	7,825	6,281	80·3	94·1
	Tiruppattūr	1	380	6,625	214	7,140	5,076	71·0	107·8
	Tiruvadanai	1	183	4,528	151	3,316	2,171	65·5	73·2
Salem ...	Atur	1	86	6,364	92	5,216	4,676	89·6	82·0
	Dharmapuri	1	113	7,994	126	6,149	5,164	84·0	76·9
	Harur	1	119	5,227	194	4,240	3,127	73·7	81·1
	Hosur	1	225	5,697	186	3,722	3,376	90·7	65·3
	Krishnagiri	1	160	6,396	236	5,331	4,040	75·8	83·7
	Nāmakkal	1	109	6,337	200	5,056	3,690	73·0	79·8
	Ōmalūr...	1	46	8,922	223	5,773	4,711	81·6	64·7
	Rasipur	1	67	6,142	244	5,964	4,711	79·0	81·4
	Salem	1	179	7,350	218	7,083	6,728	87·6	104·5
	Sankari	1	78	11,717	131	9,604	7,720	80·4	82·0

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1	2	3	4	5	6	7	8	9	10
South Kanara.	Coondapur	1	96	6,308	239	5,694	4,882	85·7	90·2
	Karkal	1	102	6,815	137	5,604	5,093	90·8	82·2
	Kasaragod	1	68	7,793	71	4,668	3,276	70·1	59·8
	Mangalore	1	90	10,340	130	8,993	7,116	79·1	86·9
	Puttur	1	123	6,769	146	5,418	4,731	87·3	90·0
	Udipi	1	116	10,117	233	7,086	6,913	97·5	70·0
	Uppinangadi	1	70	6,374	48	3,314	2,518	76·0	52·0
Tanjore ...	Arantangi	1	52	4,778	209	5,281	4,467	84·6	110·5
	Mannārgudi	1	215	7,316	210	5,514	4,837	87·7	71·3
	Kumbakōnam	1	171	7,329	122	5,576	4,495	80·6	75·0
	Māyavaram, East ...	1	89	5,310	205	5,839	4,903	84·0	109·9
	Do. West ...	1	100	5,126	161	4,654	3,651	78·4	90·8
	Nannilam, North ...	1	257	3,753	204	3,914	2,903	74·2	104·3
	Do. South ...	1	113	3,786	77	2,516	2,164	85·0	67·2
	Papanāsam	1	179	7,660	214	7,384	6,339	85·8	96·4
	Tirutturaipundi ...	1	150	9,019	220	7,537	6,846	90·8	83·6
	Pattukkōttai	1	202	7,264	165	6,289	5,747	91·4	86·6
	Negapatam	1	216	6,078	240	5,136	4,760	92·7	84·5
	Shiyali	1	86	6,830	139	5,054	4,192	82·9	74·0
	Tanjore, North ...	1	346	6,859	221	5,727	4,807	83·9	83·5
	Do. South ...	1	154	7,166	151	5,943	4,812	80·9	82·9
Tinnevelly ...	Ambasamudram ...	1	101	7,550	224	6,830	5,631	82·4	90·4
	Kōvilpatti	1	99	7,857	145	7,944	6,262	79·0	101·0
	Nāngunēri	1	240	10,579	248	8,302	6,816	82·1	78·5
	Sankarankoil	1	156	9,200	175	7,675	4,940	64·3	83·4
	Srīvaikuntam	1	95	6,572	251	7,146	6,435	90·0	108·0
	Tenkāsi	1	121	12,041	184	8,719	7,152	82·0	72·4
	Tinnevelly	1	110	5,844	96	5,128	4,048	78·9	87·7
	Tiruchendur	1	94	10,873	118	8,548	6,414	75·0	78·7
	Vilattikulam	1	146	9,539	208	6,091	5,107	83·8	63·9
Trichinopoly.	Ariyalur	1	98	6,419	106	6,369	4,771	74·9	99·2
	Jayankondam	1	89	8,524	118	7,189	6,052	84·2	84·3
	Karur	1	133	8,839	202	8,742	7,536	86·2	98·9
	Kulittalai	1	78	9,157	128	7,890	6,394	81·0	86·2
	Lalgudi	1	88	8,295	162	6,234	5,412	86·8	75·2
	Manapparai	1	96	7,252	80	5,361	4,370	81·5	73·9
	Musiri	1	83	7,408	131	6,950	5,612	80·7	93·8
	Perambalūr	1	100	8,963	98	8,462	6,968	82·3	94·4
	Trichinopoly	1	93	6,801	66	4,875	3,989	81·8	71·7
	Turaiyur	1	85	8,082	170	7,171	6,091	84·9	88·7
Vizagapatam.	Anakapalle	1	106	4,878	183	4,236	3,313	78·9	86·8
	Bobbili	1	251	7,497	246	8,304	4,464	53·7	110·7
	Chipurupalle ...	1	270	8,567	139	8,507	5,593	65·7	99·3
	Gajapatinagaram ...	1	261	8,371	231	7,728	5,263	68·1	78·8
	Narasapatam	1	128	6,881	144	7,254	6,165	85·0	105·4
	Palkonda	1	175	5,701	213	4,325	3,051	70·5	63·9
	Razam	1	279	6,531	141	6,122	4,709	76·9	90·4
	Salur	1	162	4,089	267	4,601	2,910	63·2	82·0
	Yellamanchili	1	291	9,028	109	8,057	6,172	76·6	78·9
	Vizagapatam	1	120	4,251	175	3,731	2,801	75·1	78·2
	Vizianagram	1	216	9,043	192	8,038	5,608	70·5	75·9
	Bimlipatam	1	114	6,401	103	5,441	4,220	77·5	85·0
	Chodavaram	1	207	8,704	113	5,791	4,628	79·9	59·2
	Paravatipurm ...	1	132	4,396	270	3,663	2,295	62·7	68·2
	Jami	1	119	5,587	50	3,292	2,052	62·3	47·1
	Grand Total ...	244	47,202	1,693,135	38,682	1,436,291	1,162,499	80·9	84·8

Government of Madras

LOCAL SELF-GOVERNMENT (PUBLIC HEALTH) DEPARTMENT.

G.O. No. 1681-P.H., 18th November 1924

Vaccination—Report of the Director of Public Health for 1923–24—Reviewed.

READ—*Letter from Dr. K. T. MATTHEW, D.Hy. (Durham), D.P.H. (Cantab), Officiating Director of Public Health, Madras, to the Secretary to Government, Local Self-Government (Public Health) Department, dated Madras, the 28th June* 1924, *D. No.* 245-*P.H.*

Order—No. 1681-P.H., dated 18th November 1924.

Recorded.

2. The Government are glad to note that as a result of the extension of the District Health Scheme throughout the Presidency there has been a distinct advance in the progress of vaccination in the rural areas. The report for the year (1923–24) under review shows—

(*a*) an increase of 150,941 (from 1,761,624 to 1,912,565) in the total number of operations in all districts ;

(*b*) an increase in the percentage of total successful cases (from 78·2 to 81·7)—90 per cent of successful cases under primary vaccination (including secondary) and 42·6 under re-vaccination against 79·2 and 39·5 in the previous year ;

(*c*) an increase in the number of successful infantile vaccination cases by 113,632 and

(*d*) a decrease in smallpox mortality by 3,900 (from 26,526 to 22,626). The average cost of successful cases, however, showed an increase (from 7 annas 10 pies to 8 annas 9 pies).

3. The work in the municipal areas was disappointing, operations having fallen by 17,148 from 203,115 in spite of the fact that vaccination is compulsory in the

4. The principal defects noticed in the administration

(*a*) the absence of full employment of qualified

(*b*) the comparative absence of pensionary provisio

(*c*) the failure of local bodies to provide vaccinato suitable equipment ;

(*d*) the failure of local revenue officers to rep of epidemics and to maintain properly the birth an Government hope that local bodies will soon tak pointed out in clauses (*a*) to (*c*) above.

As regards the defect noticed in clause (*d*) have already, with reference to G.O. No. 6 action and issued strict instructions to of prompt reports, in future, to the P epidemics in the areas subject to

Health is requested to report to the Government all cases of remissness in this direction on the part of the local Revenue officers, to enable the Collectors to take necessary action in the matter.

5. The formula proposed by the Director of Public Health for fixing the minimum outturn of vaccination in municipalities is commended to Chairmen of Municipal Councils for adoption. The Government trust that all Municipal Councils will realize the importance of employing *trained Health Officers* to guard public health. By taking advantage of the scheme of provincialization of municipal health officers, the cost incurred by the Councils will be very little when compared with the manifold advantages which they will derive from the services of trained health officers.

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

P. L. MOORE,
Secretary to Government.

To the Surgeon-General.
,, the Director of Public Health.
,, the Law (General) Department.
,, the Revenue Department.
,, the Board of Revenue, Land Revenue and Settlement.
,, the Director of Public Instruction.
,, the Accountant-General.
,, the President, Corporation of Madras.
,, all Collectors.
,, all Presidents of District Boards.
,, all Chairmen of Municipal Councils.
,, the Inspector of Municipal Councils and Local Boards.
,, the Examiner of Local Fund Accounts.
,, the Assistant Quartermaster-General, 9th (Secunderabad) Division (with C.L.).
,, the Consul-General for Netherlands, Calcutta (with C.L.).
Editors' Table.