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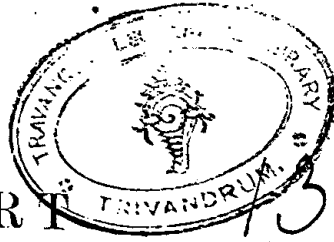
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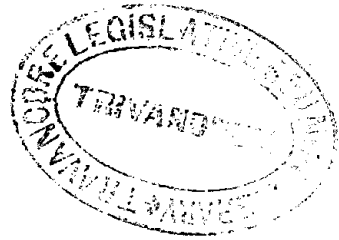
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ON

VACCINATION IN THE MADRAS PRESIDENCY

FOR THE YEAR

1924-25



MADRAS

PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS.

1925

ANNUAL REPORT ON VACCINATION IN THE MADRAS PRESIDENCY FOR THE YEAR 1924-25.

1. Except in the Nilgiris, where the District Board exercises control, the administration of vaccination in rural areas continues to be vested in Taluk Boards. District Health Officers are unanimously of opinion that, in the interests of efficiency and discipline, this branch of Public Health administration should be transferred to the District Boards. This subject has been before Government for a considerable time and it is hoped that favourable orders will be issued at an early date.

2. Glycerinated lymph was used throughout the Presidency during the year under report. Revised instructions in its use were embodied in G.O. No. 1125-P.H., dated 6th August 1924, which was issued to all officers of the department for guidance.

3. An important innovation during the year was the substitution of the old scarifying lancets by rotary lancets. Although these are comparatively expensive, both as regards their initial cost and their maintenance, the higher percentage of success obtained and the greater uniformity in the results justify the increased expenditure.

4. During the 3—4 hottest months, routine vaccination was again suspended throughout the Presidency except in the Nilgiri district and in Kodaikānal municipality. This period of suspension was utilized for the detection of unregistered births and unprotected children. The necessity for intensive enquiries in this direction may be recognized from the fact that, in one district alone, viz., Tanjore, nearly 19,000 unprotected children were detected during the year, an achievement which is certainly creditable to the District Health staff, but which is at the same time an index of the extreme indifference of a large number of village headmen to registration work. Notwithstanding definite instructions in circulars issued regularly in anticipation of the off-season, many local bodies are still in the habit of granting leave to vaccinators during the period without employing substitutes. In other cases the services of the vaccination staff are either dispensed with altogether or are utilized for clerical and other non-vaccination purposes. It is obvious that in the absence of exhaustive lists of unprotected children, many will escape vaccination. The annual incidence of small-pox amongst unprotected children, and the large numbers of primary vaccination operations done on children above one year of age,—even in municipalities where vaccination is compulsory when the child attains the age of six months,—amply demonstrate the necessity for improvement in the preparation of unprotected registers. It is hardly necessary to point out that the off-season is the most opportune period for bringing these registers up-to-date, the vaccinators having no other work to perform, except when small-pox is prevalent. Local Bodies must realize the importance of this part of a vaccinator's duties if the population in their respective jurisdictions is to be properly protected.

5. Captain Ubhaya held the office of the Assistant Director of Public Health (Vaccination) until the 8th July 1924, when he proceeded on furlough and study leave. Dr. R. Adiseshan, who returned from Europe after taking the Diploma in Hygiene of Cambridge University, was in charge during the rest of the year.

The subjoined statement shows the inspections carried out during the year by these officers.

I.—Captain N. R. Ubhaya.

Date.	Place.	Remarks.
1924.		
18th to 20th Apr. ...	Anantapur ...	Attended Local and Municipal Conference and inspected vaccination and vital statistics.
22nd to 24th Apr. ...	Madakasira taluk ...	Inspection of famine relief camp at Sivaram and a few villages.
25th and 26th Apr. ...	Hindupur ...	Routine sanitary inspection.
28th Apr. ...	Abbedoddi ...	Inspection of famine relief camp.
29th and 30th Apr. ...	Tadpatri ...	Routine sanitary inspection.
5th May ...	Ponnēri ...	Selection of office accommodation for Health Inspector, Ponnēri Range.

II.—Dr. R. Adiseshan.

9th Aug. ...	Anantapur ...	Attended Festivals Conference.
10th Aug. ...	Do. ...	Inspection of municipal water-works in connexion with cholera in the town.
11th Aug. ...	Bukkapatnam ...	Inspection of famine relief camp.
12th Aug. ...	Dharmavaram ...	Inspection of cholera preventive measures.
6th to 9th Sep. ...	Trichinopoly district ...	Inspection of breach spots.
10th to 14th Sep. ...	Tanjore district ...	Do. do.
15th Sep. ...	Cuddalore ...	Cholera investigation in the municipality.
16th and 17th Sep. ...	South Arcot district ...	Cholera investigation.
18th Sep. ...	Villupuram ...	Do.
19th to 22nd Oct. ...	Ongole ...	Small-pox investigation.
19th Oct. ...	Ongole taluk ...	Inspection of vaccination in rural areas.
20th to 22nd Oct. ...	Rajahmundry town and taluk.	Small-pox investigation, and inspection of vaccination in villages.
25th to 27th Nov. ...	Vāniyambādi ...	Routine sanitary inspection.
28th to 30th Nov. ...	Tirupati ...	Do.
1st and 2nd Dec. ...	Vellore ...	Do.
5th and 6th Dec. ...	Chidambaram ...	Do.

1925.

11th to 17th Feb. ...	Gōdāvāri district ...	Inspection of small-pox infected areas.
18th and 19th Feb. ...	Ongole ...	Small-pox investigation.

Captain A. M. V. Hesterlow inspected vaccination in the Municipalities of Palghat, Pollāchi, Negapatam and Mannārgudi and Dr. B. Ethirajulu in the Municipalities of Ellore, Palakole and Ongole.

6. The following comparative statement shows the subordinate vaccination staffs employed in the Presidency during the year under report and the previous year:—

Year.	Health Inspectors (Provincial).	Vaccinators.			
		First class.	Second class.	Probationary.	Total.
1923-24	229	157	405	170	732
1924-25	229	155	423	152	730

In addition to the Health Inspectors, 12 Local Fund Sanitary Inspectors were in charge of ranges during 1924-25, as compared with 16 in 1923-24. The ranges held by these men had to be redistributed to Health Inspectors already in charge of full taluks. This additional jurisdiction was detrimental to the supervision of vaccination work in those areas.

Reference was made in last year's report to the inadequacy of the existing staff of Health Inspectors. During the present year cholera appeared in epidemic form, and as a result the inspection of vaccinated cases by Health Inspectors was greatly interfered with, whilst a large number of first-class vaccinators were also deputed to assist the Health Inspectors in their cholera work. Unfortunately,

the additional Health Inspectors asked for were not sanctioned by Government, and this increased the difficulties. In G.O. Mis. No. 1170-P.H., dated 9th June 1925, the proposal to create additional vaccination ranges in the Agency Tracts has been deferred until 1926-27. It is hoped that the Government in the budget for 1926-27 will make provision not only for the increased staff of Health Inspectors in the Agency, but also for all the twenty-eight additional men already asked for.

7. In spite of the criticisms made in these annual vaccination reports, many Local Boards and Municipalities either fail to maintain the full complement of vaccinators, or employ men who do not possess the qualifications prescribed in G.O. No. 963 L., dated 4th July 1917, as modified in G.O. No. 1167, L. and M., dated 4th April 1925. With few exceptions these unqualified men are incompetent, and are a serious handicap to the administration. A large number have not even an elementary knowledge of antiseptics, far less of the technique of vaccination. Their retention is to be entirely deprecated, especially as at the present time the Public Health Department has to counteract the insidious propaganda of the anti-vaccinationist, who is always prepared to publish exaggerated reports of any untoward incidents. Immediate steps should therefore be taken to replace all unqualified men with qualified vaccinators.

The continued employment of a large number of unqualified vaccinators, although men with qualifications are available, is mainly due to the reluctance of local bodies to offer adequate scales of pay. In G.O. No. 354-P.H., dated 1st March 1923, the Government expressed the opinion that a uniform scale of pay for vaccinators employed by local boards and Municipalities was neither necessary nor desirable, and they left the discretion of determining the scale of pay to the Local Bodies themselves. This has unfortunately led to a considerable degree of inconsistency. The pay offered by a number of local bodies is so small that it is impossible to expect any qualified vaccinator to accept the appointment. Unless a minimum scale of salary sufficiently high to attract qualified men is fixed by the Government, and local bodies are given the option of giving higher scales suitable to local exigencies, the improvement in the staff, which is so desirable, will be a matter of extreme difficulty. Proposals are being submitted separately to Government regarding the revision of the scales prescribed in G.O. No. 963 L., dated 4th July 1917.

8. The compartmental system of control of vaccination was in operation throughout the Presidency, excepting Gūdalūr taluk in the Nilgiris. The Collector, Nilgiri district, has been asked to include this taluk in the scheme. On the whole, the system worked satisfactorily.

In one or two instances, District Health Officers have suggested reversion to the system in vogue prior to 1913, owing to delays in inspection by the Health Inspectors caused by urgent epidemic duties. As the old system was condemned only after long trial, and the difficulties experienced will disappear, if as is hoped, the Government sanction an additional number of Health Inspectors, the suggestion cannot be accepted.

9. In previous reports various factors retarding progress in vaccination work have been frequently discussed, but it is to be noted with regret that practically nothing has been done to rectify these defects. In fact, there has been a change for the worse. It is therefore necessary to discuss even at the risk of repetition, a number of the factors which go to hamper the working of the vaccination department.

(a) Vaccination is compulsory only in certain districts, and in a few large rural towns and villages in other districts. In other areas, the only possible means of securing cases for vaccination is by persuasion of parents and guardians. The vaccination staff being limited, and their stay in each village necessarily being brief, it is obviously impossible for the vaccinator to explain to every individual parent the benefits of vaccination. Moreover, all parents are not amenable to persuasion, and the children in these cases ought to be protected against their parents' ignorance. Thirdly, it has been held in a court of law that a vaccinator on duty in non-compulsory areas does not come within the definition of a "public servant in the discharge of his duties." The result is that if the

vaccinator is interfered with in his work, he cannot expect any assistance from the Local Board. Instances have occurred where equipment has been damaged, and the vaccinator himself has been assaulted; whilst in one extreme case in Bellary district there was even an attempt at murder by an enraged parent. In view of these facts, it is very desirable that vaccination should be declared compulsory throughout the whole Presidency. Every District Health Officer, in whose district non-compulsory areas exist, has urged that the change is essential. In several districts, e.g., North Arcot, Tanjore, Madras and Trichinopoly, vaccination is already compulsory, and there is no reason why it should be otherwise in other parts of the Presidency.

(b) Declaration of compulsory vaccination is, however, not a sufficient remedy unless the law is enforced. Wholesale prosecution of defaulters is admittedly unwise; but cognizance of breach of the law is occasionally essential, if the law is to be obeyed. It is therefore to be regretted that Presidents of Local Boards and Chairmen of Municipal Councils, in whom the powers of prosecution are vested, are generally unwilling to exercise them. For instance, the President of a Taluk Board in Tanjore district refused to sanction prosecution even in a single case, although a large number of defaulters was reported to him; while it also appears that he attempted, happily without success, to induce the other Presidents to follow his example. Unless local bodies realize that no law is self-enforcing, and that a few selected prosecutions are necessary, the declaration of compulsory vaccination will be of little avail.

(i) Another regrettable feature is the attempt of some union boards to disown the statutory obligations imposed on them under the Local Boards Act and the rules framed thereunder. In other cases these obligations are carried out in a very unsatisfactory manner. The Muthupet Union Board in Tanjore district, for example, has passed a resolution refusing to take up the administration of vaccination.

(ii) Many union boards fail entirely to maintain unprotected lists. One indeed has passed a resolution to the effect that house-to-house vaccination should be done without fees, a procedure discountenanced in the rules issued under Sections 137 and 200 of the Madras Local Boards Act, 1920.

(iii) Several of the presidents of union boards in Nellore district have refused to have vaccination notices served.

The Government is requested to take due notice of such instances, and insist on the union boards and their presidents carrying out the obligations vested in them by statute.

(c) It has become a perennial complaint of the District Health staffs that many village headmen neglect the duties assigned to them in G.O. No. 832-P.H., dated 23rd May 1923, regarding the proper maintenance of unprotected lists, and the assembling of children in suitable centres at the time of the vaccinators' and the Health Inspectors' visits. As the co-operation of the village headmen is essential for the proper conduct of vaccination in rural areas, the attention of all Collectors may be once more drawn to the difficulties experienced by the subordinate vaccination staff.

(d) Another factor which retards vaccination work is the frequent failure of local officers to report outbreaks of small-pox, whilst more frequently reports are inordinately delayed. One or two of the worst examples may be quoted. In the Union of Melvisharam in North Arcot district, an outbreak of small-pox commenced in December 1924, causing over 150 attacks and 25 deaths, but not a single report was received from the revenue authorities up to the date of the submission of the District Health Officer's Annual Report on 25th May 1925. In the village of Karnatham in Vriddhachalam taluk, South Arcot district, the District Health Officer at his inspection found 87 attacks and 7 deaths due to small-pox during the previous two months, while none of the cases was reported by the village headman, though he had registered 3 small-pox deaths in the death register. These instances could be multiplied many times.

It has been constantly emphasized in the Annual Reports of the Public Health Department that prompt notification of infectious disease is of the greatest importance in its prevention and control. Failure to submit reports, or delayed

submission of reports, amounts almost to criminal neglect, as by the time information reaches the public health staff the disease has frequently assumed unmanageable proportions. This should be brought home to the minds of village headmen and the subordinates primarily responsible for notification.

(e) An obstacle to the progress of vaccination which is of recent origin, at any rate as far as this Presidency is concerned, but which neither the Public Health Department nor local bodies can afford to ignore, is the activity of anti-vaccinationists, although their presence has so far been felt only in one district. Whilst ignoring the history of smallpox in this country prior to and subsequent to the introduction of vaccination, they present sensational propaganda full of perverted statements and statistics, which cannot but have effect on the minds of the ordinary credulous villager unless an active counter-propaganda campaign is carried on. It has been represented by several Health Officers that their propaganda work is greatly handicapped for want of magic lanterns and slides. This equipment is not only necessary if the education of the people in health matters is to extend, but will be a very useful aid to district officers in their attempts to defeat anti-vaccinationists' activities.

10. Notwithstanding these disabilities, the number of vaccination operations performed during the year, namely, 2,033,997, is probably the highest figure recorded in the history of the Presidency. The sub-joined statement gives figures for the last three years :—

—	1922-23.	1923-24.	1924-25.
Primary Vaccination (including secondary)...	1,436,041	1,565,706	1,573,032
Re-vaccinations ...	325,593	346,859	430,965
Total ...	1,761,624	1,912,565	2,033,997

The continuous increase is in no small measure due to the activities of the District Health Staffs, chiefly in the direction of closer supervision of vaccinators' work, detection of unprotected children during the off-season and extensive and persistent propaganda work.

11. *Vaccination in districts.*—Excluding Madras, increases were recorded in 17 districts and decreases in 8 districts, as compared with 1923-24. Of the former, the most prominent instances are Guntūr (+23,321), Gōdāvāri (+17,636), Ganjām (+13,924), Salem (+12,904), Agency Tracts (+9,418), South Arcot (+8,508), Chingleput (+7,366), Madūra (+5,270) and South Kanara (+5,026). The increases in Guntūr, Gōdāvāri and Salem were largely due to intensive campaigns conducted during the epidemics of smallpox which prevailed. In the remaining districts, the increases were effected by raising the minima of vaccinators and by the employment of additional staff.

Districts which showed a decrease include Malabar (−25,782), Rāmnād (−5,022), Tanjore (−4,691), Cuddapah (−3,969), Vizagapatam (−2,314), Trichinopoly (−1,778), Anantapur (−1,056), and Kurnool (−281). The fall in the number of operations in Malabar district is explained by the Health Officer as chiefly due to the absence of smallpox in epidemic form and because in 1923-24, during a severe epidemic, over 30,000 vaccinations were done in the off-season as compared with 3,170 vaccinations during the year under report when smallpox was sporadic. It is pointed out by him that if allowance is made for this, the outturn does not compare unfavourably with that of the previous year. The decreases in Rāmnād and Anantapur are attributed to the extensive epidemics of cholera which diverted the attention of the subordinate staff. In Tanjore and Trichinopoly districts the work of the health staff was greatly dislocated as a consequence of the floods. The decrease in Cuddapah is due to the absence of one-third of the vaccination staff on leave, the reluctance and, in some instances, the refusal of the taluk boards to appoint substitutes, and lastly

to the inadequacy of the sanctioned scales of pay. The decrease in Kurnool, although it is small, is regrettable, as smallpox was prevalent. It is reported by the District Health Officer that in the taluk of Nandyal which has the largest population, only one vaccinator is employed in spite of his repeated representations. This Taluk Board has refused to declare vaccination compulsory or to increase its permanent staff, whilst it also declined to employ additional temporary vaccinators even although smallpox was prevalent. The special attention of Government is invited to the indifference displayed by this Local Board.

12. The results of primary and secondary vaccinations and re-vaccinations performed by the different agencies are set forth in the subjoined table along with the corresponding figures for 1923-24. It will be seen from this table that, compared with 1923-24, the percentage of success has increased by 4.6 in the case of primary and secondary vaccinations, 1.8 in the case of re-vaccinations, and by 2.0 when the total operations are taken into account. Since 1920-21, therefore, when the success-rate was only 59.6 per cent, continued improvement has been maintained.

Establishment.	Number of successful vaccinations.				Total number of successful vaccinations.		Ratio per cent of successful cases.				Ratio per cent of total successful cases.	
	1923-24.		1924-25.				1923-24.		1924-25.			
	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	1923-24.	1924-25.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.	1923-24.	1924-25.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Local Fund vaccinators ..	1,149,187	83,627	1,226,452	112,190	1,232,814	1,338,642	89.7	89.7	94.8	40.8	82.6	85.0
Government vaccinators ..	16,852	561	19,023	1,615	17,413	21,274	83.7	22.2	9.8	50.3	76.8	86.4
Municipal vaccinators ..	109,020	33,283	116,688	53,760	142,903	169,448	94.4	55.1	97.5	52.9	80.9	76.9
Cantonment vaccinators ...	5,850	2,611	4,275	1,678	8,461	5,951	83.3	29.8	98.5	32.7	56.3	62.9
Dispensaries ...	143	47	2	28	190	30	93.6	96.0	100.0	75.7	96.4	77.0
Medical subordinates ...	8.2	7,256	1,267	5,817	8,098	7,074	73.0	43.3	88.0	58.6	45.2	62.3
Total ...	1,282,494	127,355	1,367,313	175,106	1,409,879	1,542,419	90.0	42.6	94.6	44.4	81.7	83.7

Details of the success rates for individual districts and municipalities are shown in Appendix A of the report.

13. The ratio of successful vaccinations per mille of population varied from 25.8 in South Arcot district to 71.5 in the Nilgiris. Compared with the previous year, marked increases were recorded in the districts of the Nilgiris (+19.5), Salem (+12.4), Guntūr (+7.9), Agency (+7.4), Ganjām and Gōdāvari (+7.3 each) and South Kanara (+6.5). Only four districts returned decreased rates, viz., Anantapur (-4.2), Malabar (-3.7), Cuddapah (-3.3) and Kurnool (-1.5). The causes of these variations have already been discussed in paragraph 12.

As regards municipalities, the maximum and minimum rates per mille of population were 153.0 in Ongole and 20.2 in Tiruvālūr. The severe epidemic of smallpox in Ongole, as a result of which an intensive campaign of vaccination and re-vaccination was instituted, explains the high rate in that municipality. The low rate in Tiruvālūr is not peculiar to the present year; and if the municipal council has any desire to avoid the disastrous experience of Ongole, it should carry out without further delay the recommendations already made by this department.

Compared with 1923-24, marked decreases occurred in Cannanore (-110.8), Chirala (-94.3), Bellary (-41.2), Mangalore (-32.9), Coonoor (-20.1), Masulipatam (-17.1) and Berhampur (-14.7). The towns which show large increases include Ongole (+128.1), Vizagapatam (+62.8), Rajahmundry (+50.2), Guntūr

(+36.5), Parlākimedi (+35.9), Madras (+27.7) and Vāniyambādi (+27.0). Smallpox scares explain the increases in most of these instances

14. The expenditure incurred on the vaccination establishments employed by the different agencies and the average cost of each successful operation are shown below:—

Establishment.	Total expenditure.		Average cost of each successful case.	
	1923-24.	1924-25.	1923-24.	1924-25.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Government establishment	17,208 8 6	15,018 9 8	0 15 10	0 11 9
Local Fund do.	8,48,728 7 7	4,58,926 1 1	0 8 5	0 5 8
Municipal do.	83,853 13 10	70,882 5 9	0 10 8	0 6 8
Cantonment do.	6,091 10 4	4,827 4 11	0 11 6	0 13 0
Total ...	7,63,983 6 3	5,50,254 5 5	0 8 9	0 5 9

The decrease of Re. 0-3-0 in the cost of each successful case is due to the fact that only 33½ per cent of the total expenditure on Health Inspectors was debited to vaccination (vide G.O. No. Mis. 852-P.H., dated 22nd April 1925), as against the whole cost of this establishment in previous years. The higher percentage of success also contributed to some extent in the same direction.

In districts, the cost per successful case varied from Re. 0-4-3 in Vizagapatam to Re. 0-11-5 in the Gōdāvāri Agency. In municipalities, the variation ranged from Re. 0-1-8 in Calicut to Re. 0-15-10 in Tadpatri, in the City of Madras the average cost per case being Re. 0-10-1. The causes of these wide variations require investigation.

15. *Infantile vaccination in districts.*—A marked increase of successful vaccinations, viz., 79,557, in the number of children under one year of age, is once more to be recorded. The figure for the year under report is 193,90 higher than that for 1922-23. This increase is mainly to be attributed to the work done by District Health staffs in connexion with improvement in the registration of births, detection of outbirths and unprotected children during the vaccination off-season and health propaganda. In certain districts, increase in the minima of vaccinators has also had some effect.

With the exception of Nellore and Rāmnād districts which returned decreases of (—6.5) and (—5.6), respectively, every district in the Presidency showed appreciable improvement.

Increases of over 5 per cent were recorded in Trichinopoly (+21.0), South Kanara (+16.2), Nilgiris (+14.0), Vizagapatam (+12.2), Coimbatore (+10.9), Ohittoor (+10.2), Bellary (+9.5), Salem (+9.2), South Arcot (+7.2) and Malabar (+5.8).

16. *Vaccination in municipalities.*—The total number of vaccination operations performed in the 81 municipalities of the Presidency rose from 185,967 in 1923-24 to 239,430 in the year under report, an increase of 53,463. This figure is the highest on record, and is partly due to the fixing of higher minima in certain towns and partly to the stimulus given by numerous and severe epidemics of smallpox.

Large increases were recorded in Madras (+40,361), Vizagapatam (+6,679), Rajahmundry (+4,132), Ongole (+3,338), Guntūr (+3,160), Cocanada (+1,633), Madura (+1,183), and Nellore (+1,008).

Those towns returning decreases included Cannanore (—4,827), Mangalore (—3,257), Chirala (—2,773), Bellary (—2,533), Masulipatam (—991), Tuticorin (—862), Cochin (—557), Berhampur (—499), Tenali (—320), Tiruvannāmalai (—319), Coonoor (—263), and Adōni (—250).

The decrease in the first three towns in this list is attributed to the diminished prevalence of smallpox. In Bellary, Tuticorin and Berhampur, the decline was due to the prolonged absence of vaccinators on leave without substitutes. In

other cases, the decreases are explained either by the sporadic incidence of small-pox or by the smaller number of unprotected cases available for vaccination.

In many municipalities vaccination work is still very unsatisfactory, this being due not only to the want of effective supervision, such as can be exercised by a Health Officer, but also to the continued employment of unqualified men as vaccinators. The number of municipalities employing trained Health Officers is steadily increasing and improved supervision of vaccination may therefore be expected in these towns. Irrespective of the employment of a Health Officer, however, it is of the utmost importance that every vaccinator should possess the qualifications prescribed in G.O. No. 1167, L. & M., dated 4th April 1925. The suggestion is made to Government that Municipal Councils employing vaccinators not possessing these qualifications should be surcharged with the salaries of these subordinates. Until some such step is taken, it is doubtful if any improvement will be effected.

17. *Infantile vaccination in municipalities.*—The rates varied from a minimum of 40.2 in Karur to a maximum of 127.1 in Hospet. Wide divergences of this kind can only be attributed to laxity in the administration of vaccination or in the registration of vital statistics.

The greatest increases were recorded by Parlākimedi (+71.6), Vāniyambādi (+43.5), Nandyal (+39.9), Anantapur (+34.4), Hospet (+29.0), Tadpatri (+26.6), Cannanore (+24.8), and Srīvilliputtūr (+24.2), whilst decreases were most marked in Coonoor (—53.3), Berhampur (—29.1), Peddāpuram (—24.6), Sivakāsi (—23.4), Coimbatore (—22.4), Vellore (—19.3), Virudhunāgar (—17.9), Salem (—14.6), Gudiyāttam (—14.3), Tanjore (—13.7), Chicacole (—13.3) and Dharapuram (—10.3).

18. The percentages of success for the different administrative areas of the Presidency are given below:—

Number of cases, excluding unknown	Area.	Kind of lymph.	Whence obtained.	Percentage of success.
21,365	Government ..	Glycerine	King Institute, Guindy	91.8
1,300,102	Local Fund ...	Do.	Do.	94.3
118,591	Municipal ...	Do.	Do.	97.5

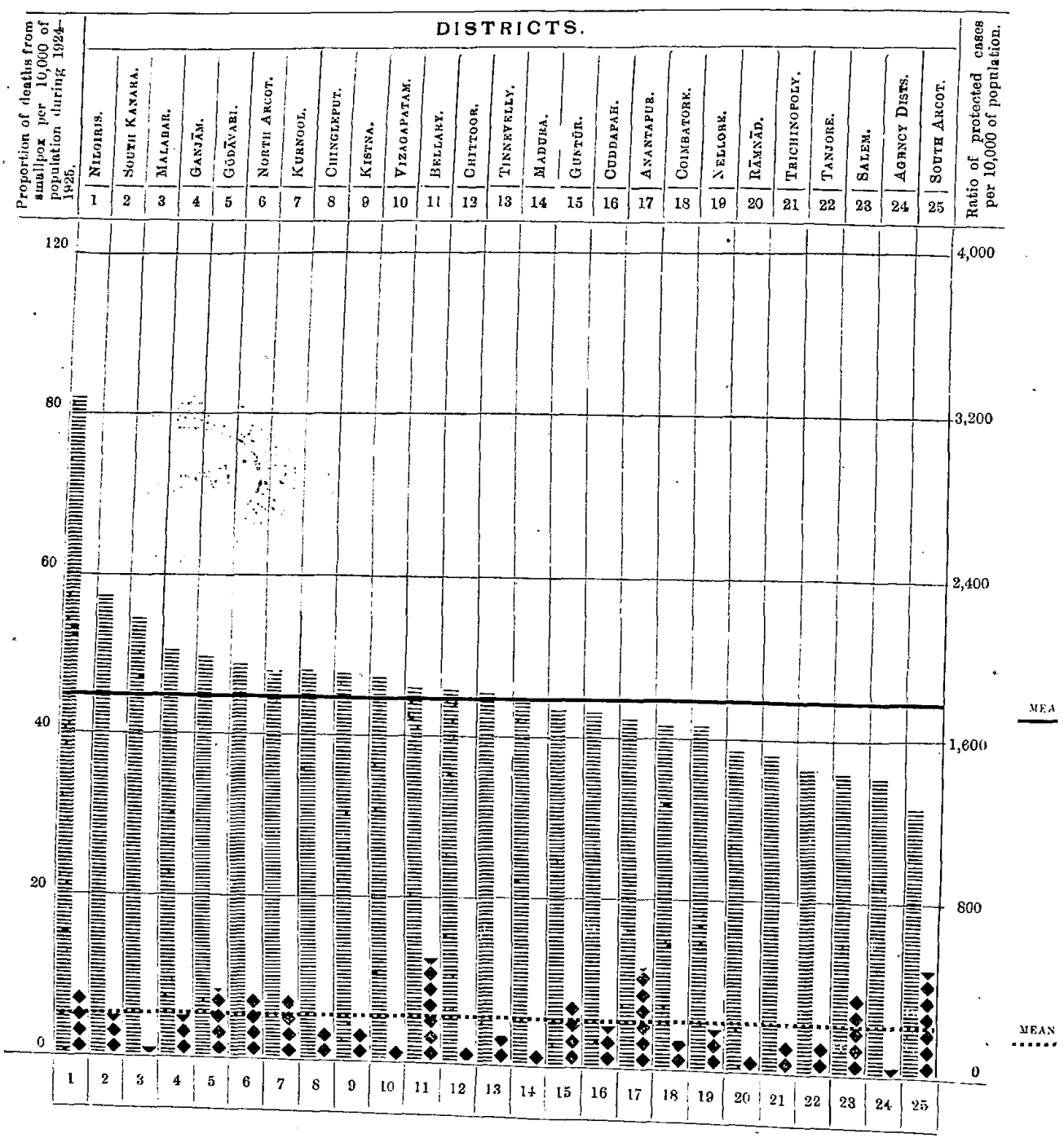
The first line in the table refers wholly to cases performed in the Agency Tracts. The lower success rate in this area is due partly to the deterioration of the lymph during transit and partly to delay in its use. This latter cause probably also explains the difference between the success rates of local fund and municipal areas.

19. 20,227 deaths were registered in the year under report as due to smallpox, a decrease of about 2,000 as compared with the previous year. More than half of the total mortality was recorded in the districts of South Arcot (2,506), Salem (1,726), Kistna (1,597), North Arcot (1,259), Guntūr (1,248), Anantapur (1,036) and Gōdāvari (1,012).

A high mortality was also recorded in the towns of Rajahmundry (579), Madras (543), Palakole (119), Vizagapatam (86), Ongole (79) and Ucanada (72).

20. The conduct and work of the Health Inspectors have been generally satisfactory. One hundred and fifty-three out of 229 Health Inspectors inspected more than the prescribed minimum of 85 per cent of the cases. In a number of taluks epidemic duties interfered with inspection work, and suitable notice has been taken of those cases where no satisfactory explanation of defective work was made.

21. In paragraph 35 of last year's report, the attention of Government was drawn to the progress made in vaccination work as a result of the introduction of an organized District Health Scheme. It is pleasing to be able to state that this progress has been fully maintained. During the year under report, the total number of vaccination operations for the first time on record exceeded the

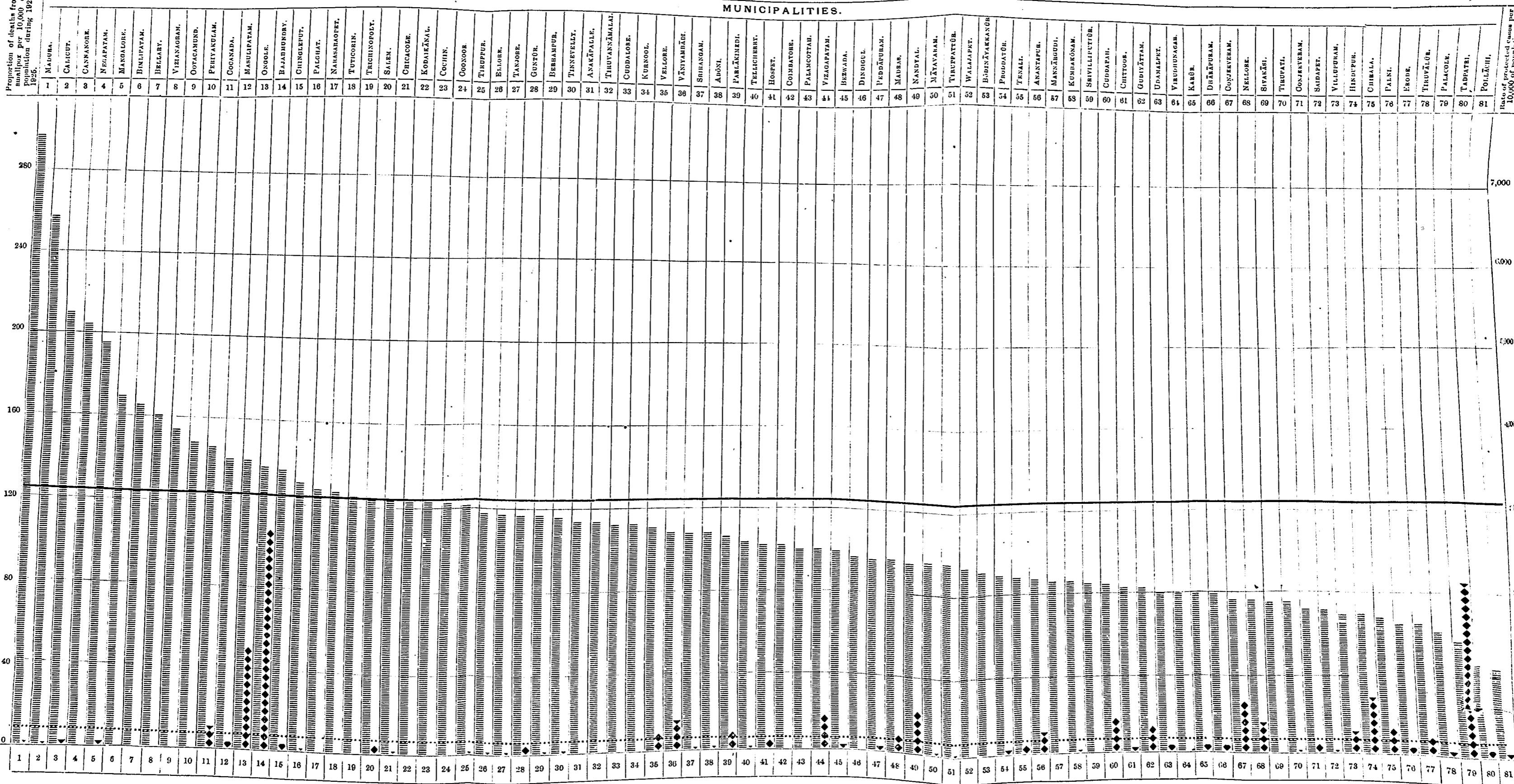


REFERENCE

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

Proportion of deaths from smallpox per 10,000 of population during 1924-1925.

MUNICIPALITIES.



REFERENCE.

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

2,000,000 mark, whilst the success rate for primary vaccinations rose to the high figure of 94·6 per cent. Although smallpox continues to levy a considerable toll on human life, this is not surprising when one remembers the low success rates registered during the decade prior to 1922. The full benefit of the improved vaccination work of the last three years will only be felt in years to come, and only if the present degree of success can be maintained. Vaccination is still very backward in certain areas, and increase in both vaccination and health staffs is essential if the full benefits of protection are to be brought to these areas. Proposals for increases have been already submitted to Government and deserve favourable consideration.

22. Dr. R. Adiseshan, Dip. Hyg. (Cantab), the Assistant Director in charge of Vaccination, has worked with enthusiasm and energy, and has made many useful suggestions for improving the administrative control of this branch of the Public Health Department's activities. To him and to the District and Municipal Health Officers, my best thanks are due.

OOTACAMUND,
25th June 1925.

A. J. H. RUSSELL, M.A., M.D., D.P.H., Major, I.M.S.,
Director of Public Health, Madras.

VACCINATION
A.—VACCINE

Statement No. 1 showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 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	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
1	Godevaru.	Bhadrachalam ...	...	...	6	1,696	1,674	3,370	562	4,301	1,767
		Polavaram ...	...	...	3	3,603	3,276	6,882	2,294	5,677	1,929
		Total ...	...	...	9	5,302	4,950	10,252	1,139	9,978	3,696
3	Gurijana.	Ganjām Hill Tracts, North ...	...	...	9	4,379	4,123	8,502	945	7,790	3,102
		Ganjām Hill Tracts, South ...	...	...	5	3,639	3,198	6,837	1,367	5,099	2,911
		Total ...	...	...	14	8,018	7,321	15,339	1,096	12,889	6,013
5	Visaapatnam.	Gunupur ...	...	...	6	5,787	5,297	11,084	1,847	7,236	1,462
		Hill Madugole ...	...	...	5	3,322	2,885	6,207	1,241	5,528	436
		Jeypore ...	...	...	5	4,139	4,400	8,539	1,708	6,548	2,059
		Koraput ...	...	...	5	5,703	5,897	11,600	2,320	10,249	3,515
		Nowrangpur ...	...	...	4	4,384	4,503	8,887	2,222	8,037	2,896
		Total ...	...	...	25	23,385	22,982	46,317	1,853	37,598	10,968
		Total of Agency districts ...	1,496,358	...	48	36,655	35,253	71,908	1,498	60,465	20,077
10	Anantapur.	Anantapur ...	920,716	137	2	2,231	1,528	3,759	1,880	2,875	1,442
		Dharmavaram ...			2	2,590	1,810	4,400	2,200	3,632	1,729
		Gooty ...			2	3,004	2,036	5,040	2,520	4,247	2,098
		Hindupur ...			2	2,814	1,719	4,533	2,267	1,993	900
		Kadiri ...			2	3,454	1,973	5,427	2,714	3,112	1,923
		Kalyāndrug ...			1	1,683	1,192	2,880	2,880	2,198	1,094
		Madakasira ...			1	1,530	880	2,410	2,410	1,877	752
		Penukonda ...			1	2,634	1,723	4,357	4,357	2,646	1,227
		Tadpatri ...			2	1,982	1,490	3,472	1,736	3,386	795
						Total of district ...	920,716	137	15 + 2†	21,927	14,351	36,278	2,134	26,266	11,960
19	Aroot (North).	Arkonam ...	1,914,291	389	2	5,142	3,007	8,149	4,075	5,539	3,026
		Arni ...			2	3,184	2,788	5,972	2,986	5,604	2,488
		Cheyyar ...			2	2,936	2,914	5,850	2,925	5,900	3,583
		Gudiyattam ...			2	4,252	3,574	7,826	3,913	6,847	2,692
		Polur ...			2	3,534	3,182	6,716	3,358	6,155	3,151
		Ranipet ...			2	4,973	4,177	9,150	4,575	8,541	4,362
		Tirupattūr ...			3	5,145	4,571	9,716	3,239	9,314	3,869
		Tiruvannāmalai ...			3	6,310	5,944	12,254	4,085	12,542	3,921
		Vellore ...			2	3,605	3,358	6,963	3,482	6,210	3,281
		Wandiwash ...			2	3,771	3,214	6,985	3,493	6,810	2,871
		Total of district ...	1,914,291	389	22 + 1†	42,852	36,729	79,581	3,460	73,522	33,244
29	Aroot (South).	Chidambaram ...	2,229,634	530	2	2,728	2,551	5,279	2,639	4,653	1,965
		Cuddalore ...			2	4,318	4,126	8,444	4,222	7,974	4,314
		Gingee ...			2	4,190	3,647	7,837	3,919	6,985	2,466
		Kallakurohi ...			2	4,082	3,457	7,539	3,784	8,112	2,875
		Tindivanam ...			2	3,596	3,039	6,635	3,318	6,582	3,049
		Tirukkoyilur ...			2	4,143	3,527	7,675	3,837	7,128	1,546
		Tittagudi ...			2	2,093	1,804	3,897	3,897	3,804	1,394
		Villupuram ...			1	5,184	4,502	9,686	4,994	8,605	3,589
		Vridhūchalam ...			1	2,375	2,270	4,645	4,645	4,542	2,193
		Ulundurpet ...			2	3,555	3,035	6,590	3,295	6,250	2,008
		Total of district ...	2,229,634	530	18	36,271	32,288	68,559	3,809	64,635	25,899
39	Bellary.	Adoni ...	785,624	138	2	2,957	2,610	5,567	2,784	5,576	3,143
		Alur ...			2	1,910	1,762	3,672	1,786	3,413	1,653
		Bellary ...			2	1,811	1,492	3,303	1,652	3,455	1,698
		Hadagalli ...			2	2,006	1,574	3,580	1,765	3,667	1,944
		Harpanahalli ...			2	2,056	1,541	3,597	1,793	3,747	2,048
		Hospet ...			1	1,516	1,364	2,880	2,880	3,375	1,300
		Kudligi ...			2	2,168	1,403	3,571	1,785	3,239	1,678
		Rayadrug ...			2	1,987	1,501	3,488	1,163	3,327	2,056
		Total of district ...	*785,624	138	15	18,114	14,610	32,724	2,182	32,975	16,653

* Excludes Sandur (11,665)

† Reserve Vaccinators.

‡ Reserve Vaccinators.

**STATEMENTS.
DEPARTMENT.**

Madras Presidency for the official year 1924-25.

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.			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 and under 6 years.	Total of all ages.	Unknown.						11							12	13	14	15	16	17	18	19	20	21	22	23	24	25
1,614	8,625	204	249	29	4	88.5	11.8	...	4.7	1.6
2,388	5,069	359	1,915	941	265	95.3	57.0	..	6.3	13.8
4,002	8,604	563	2,164	970	289	92.3	51.2	...	5.6	12.4
3,314	6,706	627	712	271	92	98.0	43.7	...	8.0	12.9
1,669	4,801	206	1,741	1,050	149	98.1	65.9	...	4.0	8.6
4,983	11,507	833	2,453	1,321	241	95.4	59.7	...	6.5	9.8
2,032	5,667	429	4,592	2,110	343	81.3	49.7	...	5.9	7.5
2,712	4,467	316	989	295	125	86.3	36.3	...	5.7	13.3
2,697	5,540	609	2,025	869	324	93.3	51.1	...	9.3	16.0
5,452	9,679	391	1,351	543	237	98.2	48.7	...	8.8	17.5
2,877	6,833	354	1,700	721	253	88.9	50.0	...	4.4	14.8
16,670	32,116	2,099	10,607	4,541	1,282	90.4	48.7	...	5.3	12.1
25,655	52,317	3,496	15,224	6,832	1,792	91.8	50.9	39.5	5.8	11.8	35,694	23.8	113	0.1			
941	2,499	217	1,895	264	115	94.0	20.6	}	7.5	8.2	}	}	}	}	}	}	}
1,527	3,228	255	1,738	264	147	95.5	16.6		7.0	8.4							
1,320	3,470	470	1,448	129	20	91.9	9.0		11.1	1.4							
867	1,846	107	2,667	970	278	97.9	40.0		5.4	10.4							
1,100	3,171	333	2,110	273	508	98.7	17.0		9.2	23.8							
742	1,900	157	894	136	66	93.1	16.4		7.1	7.4							
687	1,463	134	897	254	113	94.8	32.4		7.9	12.6							
1,044	2,333	202	1,899	689	195	95.4	40.6		7.6	10.3							
1,328	2,340	369	450	41	48	77.5	10.2		10.9	10.7							
2,356	22,248	2,244	13,489	3,020	1,485	92.6	25.1		27.4	8.5							
1,098	4,215	664	2,991	627	607	88.4	26.3	}	11.9	20.2	}	}	}	}	}	}	}
2,051	4,822	568	1,014	257	188	95.7	31.1		10.0	18.5							
1,442	5,234	590	207	101	61	97.5	49.0		9.9	22.8							
3,592	6,300	350	990	222	892	96.9	37.1		5.1	39.6							
2,311	5,776	312	722	164	121	98.9	27.3		5.1	16.8							
2,966	7,512	849	1,256	275	209	97.7	27.9		9.9	21.4							
4,272	8,319	686	790	348	142	96.8	53.7		7.4	17.9							
6,057	10,768	1,242	1,071	188	281	95.2	23.8		9.9	23.2							
1,803	5,237	734	1,117	196	219	95.6	21.8		11.8	19.6							
2,521	5,799	782	829	351	249	96.2	60.5		11.5	30.0							
28,113	64,002	6,772	11,047	2,729	2,529	95.9	32.0	34.9	9.2	22.0	50,244	26.3	1,114	0.6			
2,045	4,025	513	766	312	105	97.2	47.2	}	11.0	13.7	}	}	}	}	}	}	}
2,233	7,126	769	645	278	158	93.9	56.0		9.6	24.5							
3,265	5,634	786	1,154	458	322	95.7	55.0		11.3	27.9							
2,924	6,051	1,280	950	207	278	88.8	30.8		15.8	29.3							
2,181	5,523	881	682	123	161	96.9	25.5		13.4	24.3							
4,545	6,417	617	1,160	397	199	98.6	41.3		8.7	17.2							
1,684	3,134	379	292	62	16	91.5	22.4		10.0	5.5							
3,809	7,542	893	1,534	521	384	97.8	45.3		10.4	25.0							
1,784	4,030	353	309	95	46	96.2	86.1		7.8	14.9							
2,868	5,118	852	600	111	131	94.8	23.7		13.6	21.8							
27,338	54,900	7,323	8,072	2,564	1,800	95.8	40.6	25.8	11.3	22.3	38,314	17.2	1,570	0.7			
1,290	4,504	679	260	28	69	92.0	14.6	}	12.2	26.5	}	}	}	}	}	}	}
1,176	2,937	339	267	68	46	95.5	30.8		3.9	17.2							
1,041	2,848	289	582	75	101	90.0	15.8		8.4	17.4							
1,044	3,022	243	547	129	26	88.3	24.8		6.6	4.7							
1,084	3,194	200	754	257	27	90.0	35.4		5.3	3.6							
791	2,176	370	170	17	16	72.4	11.0		10.9	9.4							
1,030	2,762	212	963	240	226	92.5	32.6		6.8	23.5							
668	2,799	207	616	80	86	89.7	15.1		6.2	14.0							
1,273	2,500	151	599	238	25	82.6	41.5		4.8	4.2							
9,397	26,772	2,697	4,758	1,182	822	88.4	27.4		36.1	8.2								13.1	19,796	23.2	750	0.9

A.—VACCINE

Statement No. I showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 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	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
48	Obingleput.	Chingleput ...	1,392,515	446	2	4,765	4,019	8,784	4,392	7,814	3,750
49		Conjeeveram ...			2	4,764	4,172	8,936	4,468	7,163	2,645
50		Madurantakam ...			2	5,236	4,336	9,572	4,786	8,293	4,257
51		Ponneri ...			2	4,715	4,233	8,948	4,474	8,627	4,267
52		Saidapet ...			2	4,455	3,529	7,984	3,992	6,246	4,028
53		Sriperumbudur ...			2	4,185	2,830	7,015	3,508	5,182	2,753
54		Tiruvallur ...			2	3,954	3,157	7,111	3,556	6,341	3,186
		Total of district ...	1,392,515	446	14	32,074	26,276	58,350	4,168	40,666	24,909
55	Chittoor.	Chandragiri ...	1,233,782	217	1	2,920	1,830	4,750	4,750	3,525	1,940
56		Chittoor ...			4	5,688	3,699	9,387	2,342	7,614	4,329
57		Kalahasti ...			1	1,922	1,677	3,599	3,599	3,365	2,114
58		Madanapalle ...			2	4,688	3,082	7,770	3,885	4,388	2,551
59		Palmanur and Punganur ...			3	2,915	2,789	5,704	1,901	4,587	2,520
60		Puttur ...			2	3,546	2,909	6,455	3,223	5,795	3,205
61		Tiruttani ...			2	3,695	3,085	6,780	3,390	6,273	3,604
62	Vayalpad ...	2	3,592	2,453	6,045	3,023	5,078	2,963			
		Total of district ...	1,233,782	217	17	28,946	21,524	50,470	2,969	40,625	23,226
63	Coimbatore.	Avanashi ...	2,082,063	307	2	4,621	4,344	8,965	4,483	7,995	2,217
64		Bhavani ...			2	3,048	2,819	5,867	2,934	5,803	2,551
65		Coimbatore ...			3	4,632	3,769	8,401	2,800	8,331	4,140
66		Dharapuram ...			2	4,171	4,000	8,171	4,086	7,439	2,506
67		Erode ...			2	4,577	3,929	8,506	4,253	7,599	2,478
68		Gobichettipalayam ...			3	4,942	4,328	9,270	3,090	7,064	3,480
69		Kollegal ...			2	2,049	1,688	3,737	1,866	3,514	1,550
70		Perundurai ...			2	3,447	3,158	6,605	3,303	6,672	2,986
71		Pollechi ...			3	5,227	4,500	9,728	3,245	7,851	3,589
72		Tiruppur ...			4	7,195	6,606	13,801	3,450	12,320	3,718
73	Udamalpet ...	3	3,537	3,273	6,810	2,270	6,109	1,470			
		Total of district ...	2,082,063	307	26 + 2*	47,446	42,423	89,869	3,210	80,697	30,684
74	Cuddapah.	Badvel ...	852,506	145	1	1,572	1,079	2,651	2,651	2,287	409
75		Cuddapah ...			3	1,673	1,275	2,948	983	2,673	936
76		Jammalamadugu ...			2	2,843	2,175	5,018	2,509	4,459	1,498
77		Kamalapuram ...			2	3,063	1,735	4,798	2,399	3,910	1,426
78		Proddatur ...			1	1,362	1,147	2,509	2,509	2,479	1,030
79		Pulivendla ...			2	1,764	1,284	3,048	1,524	3,054	1,147
80		Rajampet ...			2	2,814	1,528	4,342	2,171	3,816	1,093
81		Rayachoti ...			2	2,018	1,921	4,889	2,420	3,944	1,991
82		Siddhant ...			2	2,440	1,632	4,072	2,036	3,634	1,141
		Total of district ...	852,506	145	17	20,449	13,776	34,225	2,013	30,256	10,671
83	Ganjam.	Aska ...	1,767,814	...	3	4,552	3,290	7,842	2,614	5,630	1,984
84		Berhampur ...			3	3,570	2,957	6,527	2,176	5,735	2,403
85		Chatrapur ...			3	4,078	3,634	7,712	2,571	6,563	2,664
86		Chicacole ...			3	3,477	3,380	6,857	2,286	5,850	2,301
87		Gumsur ...			2	3,732	2,071	5,803	2,902	3,332	1,105
88		Hiramandalam ...			3	3,164	2,906	6,070	2,023	5,862	2,625
89		Parlakimedi ...			3	3,099	2,742	5,841	1,947	5,183	1,388
90		Purusottampur ...			3	3,948	3,429	7,377	2,459	6,626	3,344
91		Sompeta ...			3	4,048	3,421	7,469	2,490	5,727	2,099
92	Surada ...	2	2,689	2,127	4,816	2,408	3,896	1,346			
93	Tekkali ...	3	3,561	3,368	6,929	2,310	5,326	2,176			
		Total of district ...	1,767,814	...	31	39,918	33,325	73,243	2,363	59,730	23,430
94	Godavari.	Alampur ...	...	...	2	4,730	3,621	8,351	4,176	4,969	1,681
95		Amalapuram ...			2	4,450	2,996	7,446	3,723	5,515	1,194
L.F.		Cocanada ...			3	5,389	3,688	9,077	3,026	6,157	1,384
96		Kothapettah ...			2	4,407	3,564	7,971	3,986	5,702	1,478

* Reserve Vaccinators.

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

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.			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 and under 6 years.	Total of all ages.	Unknown.						11							12	13	14	15	16	17	18	19	20	21	22	23	24	25
2,507	6,623	909	1,469	685	237	95.9	55.6	}	}	11.6	18.1	}	}	}	}	}	}						
3,413	6,256	568	2,085	894	197	94.9	47.4			7.9	9.4												
2,948	7,384	791	1,685	791	268	98.2	55.8			9.5	15.9												
3,272	7,784	544	1,554	469	104	96.3	32.3			6.3	6.7												
954	5,645	566	1,748	640	382	99.4	46.9			9.1	21.9												
1,919	4,774	293	1,833	865	198	97.6	52.9			5.7	10.8												
2,222	5,665	484	1,524	478	249	96.7	37.5			7.6	16.3												
17,233	44,111	4,155	11,898	4,822	1,685	96.9	47.0	35.1	8.4	13.7	35,510	25.5	753	0.5									
1,330	3,287	204	1,401	531	194	98.9	43.9	}	}	5.8	13.8	}	}	}	}	}							
2,030	6,639	639	2,759	1,176	515	95.2	52.4			8.4	18.7												
1,097	3,270	80	327	132	82	99.5	63.9			2.4	25.1												
1,535	4,144	197	3,504	1,453	378	98.9	46.5			4.5	10.8												
1,592	4,185	317	1,434	498	208	98.0	40.6			6.9	14.5												
1,990	5,458	276	906	215	216	98.9	31.2			4.7	23.8												
2,041	5,713	415	635	276	89	97.5	50.5			6.6	14.0												
1,327	4,629	358	1,285	258	183	95.9	23.4	7.0	14.2														
12,942	37,225	2,486	12,251	4,589	1,865	97.6	43.7	33.8	6.1	15.2	30,483	24.7	528	0.4									
4,049	6,577	995	1,126	217	275	94.0	25.5	}	}	12.4	24.4	}	}	}	}	}							
2,751	5,455	214	534	86	118	97.6	20.7			3.7	22.1												
2,514	7,124	556	1,560	265	99	91.6	18.1			6.7	6.3												
4,177	6,875	384	826	347	149	97.4	50.5			5.1	16.9												
3,894	8,772	641	913	154	149	97.3	20.2			8.4	16.3												
2,462	6,016	874	2,401	599	289	97.2	28.4			12.4	13.0												
1,053	2,689	370	516	88	69	85.5	19.7			10.5	13.4												
3,107	6,207	320	433	100	24	97.7	24.4			4.8	5.5												
3,182	6,978	565	2,576	645	132	95.7	26.4			7.2	5.1												
5,677	11,221	663	1,481	271	228	96.3	21.6			5.4	15.4												
3,405	5,194	483	1,116	287	158	92.3	30.0			8.0	14.1												
37,271	71,108	6,065	13,432	3,059	1,681	95.3	25.9			35.6	7.5						12.5	46,665	22.4	953	0.4		
1,368	1,860	215	611	72	11	89.8	12.0			}	}						9.4	1.8	}	}	}	}	}
1,194	2,211	218	492	199	118	90.1	53.2	8.2	24.0														
1,806	3,564	315	581	64	59	86.0	12.3	7.1	10.1														
1,705	3,277	420	1,528	437	381	93.9	38.1	10.7	24.9														
908	2,067	184	126	33	18	90.1	30.5	7.4	14.3														
1,262	2,564	217	538	186	53	90.4	34.4	7.1	9.9														
1,588	3,068	590	1,141	295	437	93.2	41.9	15.5	38.3														
1,276	3,373	354	1,280	550	200	93.9	50.9	8.9	15.6														
1,787	3,100	249	801	242	130	91.6	36.1	6.8	16.2														
12,874	25,024	2,762	7,096	2,058	1,407	91.0	36.2	31.8	9.1			19.8	19,861	23.3	482	2.8							
2,710	4,935	377	2,231	470	313	93.9	24.5	}	}			6.7	14.0	}	}	}	}	}					
2,208	4,866	557	802	269	146	93.9	40.8			9.7	18.2												
2,503	5,916	430	1,160	383	129	96.5	34.7			6.5	11.1												
2,318	4,824	647	1,007	381	259	92.7	50.9			11.1	25.7												
1,648	2,393	348	2,471	457	567	96.9	39.8			10.4	22.9												
2,100	4,900	658	322	141	88	94.6	60.2			11.6	27.3												
2,704	4,345	555	658	205	87	93.9	35.9			10.7	13.2												
1,788	5,520	798	806	234	257	94.7	42.6			12.0	31.9												
2,628	4,790	615	1,742	597	567	93.7	50.8			10.7	32.5												
1,984	3,571	95	932	323	64	93.9	36.8			2.4	5.8												
2,307	4,664	438	1,606	713	282	95.4	53.0			8.2	16.3												
24,901	51,224	5,543	13,737	4,447	2,729	94.5	40.4			31.5	9.3	19.9	44,476						25.2	1,041	0.6		
2,218	4,434	274	3,849	822	389	94.4	23.7			}	}	5.5	10.1						}	}	}	}	}
2,697	4,743	545	2,191	588	345	95.4	31.7					9.9	15.7										
3,314	5,152	697	3,586	1,203	916	94.3	45.0	11.3	25.5														
2,774	4,886	485	2,587	961	379	93.6	43.5	8.5	14.6														

A.—VACCINE

Statement No. I showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 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	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
97	Gōdvārī —cont.	Peddapuram ...			2	4,479	3,596	8,075	4,038	6,415	2,629
98		Pittapuram ...			2	3,967	3,511	7,478	3,739	5,814	2,357
99		Rajahmundry ...			2	4,079	3,324	7,403	3,702	5,998	2,504
100		Ramachandrapuram ...			2	5,399	4,419	9,818	4,909	4,166	1,998
101		Razole ...			2	3,801	2,619	6,420	3,210	5,958	1,677
		Total of district ...	1,349,104		19	40,701	31,398	72,099	3,791	50,689	16,502
102	Guntūr.	Bapatla ...			3	7,757	5,762	13,519	4,506	9,264	2,331
103		Guntūr ...			3	5,538	4,484	10,022	3,341	8,323	3,890
104		Guruzala ...			3	4,103	3,110	7,213	2,404	7,609	3,460
105		Narasaraopet ...			3	5,912	4,496	10,408	3,469	7,888	2,318
106		Ongole ...			4	8,759	6,587	15,346	3,837	10,366	3,339
107		Repalle ...			2	3,495	2,637	6,132	3,066	5,648	1,242
108		Sattenapalle ...			3	6,242	4,854	11,096	3,699	8,769	3,036
109	Tenali ...			3	7,428	5,733	13,159	4,386	8,251	5,537	
110	Vinnakonda ...			2	3,697	2,433	6,030	3,015	4,661	1,599	
		Total of district ...	1,697,253	316	26	52,829	40,096	92,925	3,574	70,774	26,747
111	Kistnā.	Bandar ...			1	1,959	1,743	3,702	3,702	3,288	1,501
112		Bezavada ...			3	4,307	4,078	8,385	2,795	7,692	3,158
113		Bhimavaram ...			2	4,754	3,791	8,545	4,273	6,006	1,678
114		Divi ...			2	3,647	3,397	7,044	3,522	5,081	1,507
115		Ellore ...			2	3,259	3,323	6,582	3,291	5,848	2,595
116		Gōdivāda ...			4	7,166	5,900	13,066	3,267	9,646	2,758
117		Kovvūr ...			2	3,332	2,855	6,187	3,094	6,223	2,208
118		Nandigama ...			2	3,291	2,657	5,948	2,974	4,957	2,013
119		Narasapur ...			2	4,118	3,411	7,529	3,765	6,146	1,388
120	Nuzvid ...			2	3,609	3,413	7,022	3,511	6,684	2,175	
L.F.	Tanōku ...			4	6,336	5,502	11,838	2,960	9,928	4,391	
		Total of district ...	1,984,818	361	26	45,778	40,070	85,848	3,302	72,046	25,367
121	Kurnool.	Dhone ...			2	3,239	2,422	5,661	2,831	4,697	2,013
122		Giddalora ...			2	2,167	1,774	3,941	1,971	3,889	1,610
123		Koilkuntla ...			2	1,925	1,153	3,078	1,559	3,120	1,264
124		Kurnool ...			2	3,544	2,311	5,855	2,928	4,765	2,148
125		Markapur ...			2	2,284	1,852	4,136	2,083	4,343	2,248
126		Nandikotkur ...			2	2,534	1,919	4,453	2,227	3,685	1,538
127		Nandyāl ...			1	1,392	1,210	2,602	2,602	2,395	870
128		Pattikonda ...			2	3,368	2,425	5,793	2,894	4,934	2,670
129		Biruvei ...			2	1,944	1,415	3,359	1,630	3,449	1,093
		Total of district ...	868,858	115	17	22,392	16,511	38,903	2,288	35,227	15,349
130	Madurā.	Dindigul ...			2	4,590	3,334	7,924	3,962	7,386	3,688
131		Kōdaikanal ...			1	588	496	1,082	1,082	1,102	390
132		Madūrā ...			2	4,259	2,614	6,873	3,437	3,454	1,694
133		Melūr ...			2	4,488	3,780	8,268	4,184	6,402	1,994
134		Nilakkottai ...			2	3,890	3,495	7,385	3,693	7,569	4,033
135		Palni ...			2	3,690	3,514	7,204	3,617	7,515	4,427
136		Periyakulam ...			4	8,577	7,150	15,727	3,932	14,812	8,967
137		Tirumangalūr ...			3	6,824	5,306	11,830	3,776	11,429	6,508
138	Vedasandūr ...			2	3,858	3,447	7,305	3,652	7,411	3,195	
		Total of district ...	1,778,668	354	20	39,982	33,166	73,128	3,656	67,080	35,498
139	Malabār.	Alathūr ...			2	4,047	3,654	7,701	3,851	7,708	2,562
140		Badugara ...			2	4,026	3,352	7,378	3,689	6,260	2,318
141		Calicut ...			2	5,389	4,299	9,688	4,844	7,463	2,813
142		Chirakkal ...			3	8,165	6,538	14,693	4,899	12,117	4,744
143		Chowghat ...			2	4,298	4,402	8,700	4,350	7,869	4,828

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

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.									Primary vacci- nation.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.				
1 and under 6 years.	Total of all ages.	Unknown.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.											
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25				
2,345	5,528	554	1,727	533	353	94.3	38.8	}	8.6	20.4	}	}	}	}				
2,313	4,943	669	2,123	597	674	96.1	41.2		11.5	31.3								
2,005	5,130	448	1,660	815	231	92.4	22.0		7.5	13.9								
1,733	3,856	216	5,660	1,460	561	97.6	28.8		5.2	9.9								
2,755	4,960	689	1,596	740	191	94.2	52.7		11.6	11.9								
22,184	43,632	4,577	24,979	7,217	4,039	91.6	34.5	37.7	9.0	16.2	35,368	26.4	453	0.3				
4,530	7,822	872	5,151	2,059	822	98.2	61.4	}	9.4	15.9	}	}	}	}				
2,773	7,127	702	2,537	608	356	98.5	27.9		8.4	14.0								
2,304	6,340	504	2,092	863	238	89.2	46.5		6.6	11.4								
3,388	6,121	880	3,536	712	438	87.3	23.0		11.2	12.4								
4,602	9,035	666	5,684	2,577	746	93.1	52.2		6.4	13.1								
2,859	4,513	632	1,859	690	325	90.1	44.9	11.2	17.5	}	}	}	}					
4,363	7,869	563	3,667	1,563	291	95.9	46.8	6.4	7.9									
1,820	7,357	456	4,908	3,278	93	94.4	66.7	5.5	1.9									
1,805	3,605	402	2,088	501	182	84.6	26.8	8.6	8.7									
28,144	59,789	5,677	31,622	13,451	3,491	91.8	48.0	43.1	8.0					11.1	34,794	20.5	537	0.3
1,226	2,957	182	710	338	74	96.8	53.1	}	5.6	10.4	}	}	}	}				
2,971	6,478	829	1,418	330	272	94.4	33.1		10.8	19.2								
3,439	5,719	572	2,103	965	154	94.8	49.5		8.6	7.3								
2,727	4,485	375	2,174	341	261	94.9	17.8		7.4	12.0								
2,258	5,106	586	1,236	342	245	97.0	34.5		10.0	19.8								
5,232	8,573	804	4,857	1,157	568	96.9	26.9	8.3	11.7	}	}	}	}					
2,965	5,407	497	1,000	422	154	94.4	49.9	7.9	15.4									
2,281	4,424	402	1,348	392	306	97.1	37.6	8.1	22.7									
3,376	5,701	296	1,448	495	109	97.4	37.0	4.8	7.5									
3,343	5,848	544	852	370	193	95.2	56.1	8.1	23.6									
3,198	8,091	1,057	3,294	1,072	269	91.2	35.4	10.6	8.2	}	}	}	}					
32,996	62,760	6,144	20,438	6,274	2,605	95.2	35.2	34.8	8.5					12.7	47,018	23.6	1,133	0.6
1,650	3,766	500	1,148	331	123	89.7	32.3	}	10.6					10.7	}	}	}	}
1,620	3,213	313	568	139	101	91.1	29.7		8.2					17.7				
978	2,398	248	864	186	59	83.5	20.6		7.9					6.8				
1,465	3,746	479	1,322	129	322	87.4	12.9		10.1	24.3								
1,485	3,899	123	680	323	20	92.4	48.9		2.8	2.9								
1,230	2,898	392	1,327	317	249	88.0	29.9	10.6	20.3	}	}	}	}					
838	1,720	277	264	47	84	81.2	26.1	11.6	31.8									
1,344	4,119	424	1,471	298	156	91.3	22.6	8.6	10.6									
1,366	2,736	225	355	74	36	84.9	23.2	6.5	10.1									
11,974	23,495	2,381	7,890	1,824	1,170	88.4	26.7	34.8	8.5					14.6	23,062	26.5	513	0.6
1,818	5,958	925	2,460	1,237	408	92.2	66.3	}	12.5	16.6	}	}	}	}				
510	982	69	245	150	30	95.1	69.8		6.3	12.2								
1,035	2,797	533	3,891	1,066	772	95.7	34.1		15.4	19.8								
2,722	4,919	1,044	2,578	415	98	91.8	16.7		16.3	8.8								
1,380	6,155	1,124	770	134	129	95.5	20.9		14.9	16.8								
1,578	6,088	917	560	87	65	92.3	17.6	12.2	11.6	}	}	}	}					
3,109	12,532	1,865	1,635	361	600	96.8	34.9	12.6	36.7									
2,676	9,584	1,396	1,351	331	203	95.5	28.8	12.2	15.0									
1,822	5,552	951	1,486	346	234	85.9	27.6	12.8	15.8									
16,360	54,567	8,324	14,976	4,127	2,539	93.7	33.2	33.0	13.2					16.9	43,149	24.4	926	0.5
3,019	6,535	642	1,659	779	177	92.5	52.5	}	8.3	10.7	}	}	}	}				
2,665	5,380	618	1,186	499	237	98.8	52.6		13.1	19.9								
3,273	6,893	529	2,368	1,096	352	99.4	54.3		7.0	14.8								
5,032	10,849	1,124	2,648	1,092	519	98.7	51.3		9.3	19.6								
1,767	7,342	353	1,626	798	210	97.7	56.4		4.5	12.9								

A.—VACCINE

Statement No. 1 showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 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	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
144	Malabar—cont.	Munjeri ...	2,891,578	519	2	4,773	4,028	8,800	4,400	7,422	2,761
145		Ottapalam ...			2	4,243	4,256	8,538	4,289	7,025	2,740
146		Palghat ...			2	5,444	4,697	10,141	5,071	8,291	2,958
147		Perintalmanna ...			2	4,196	3,784	7,980	3,990	6,642	3,907
148		Ponnani ...			2	4,160	4,327	8,487	4,244	7,221	4,606
149		Quilandi ...			2	4,079	3,878	7,957	3,979	5,989	2,501
150		Tellicherry ...			3	6,926	5,355	12,281	4,094	7,997	3,698
151		Tirur ...			2	4,689	4,431	9,120	4,560	7,735	5,925
152		Tirurangadi ...			2	4,436	3,753	8,189	4,095	7,305	3,628
153		Wynaad ...			3	2,262	2,303	4,565	1,522	3,703	1,359
		Total of district ...	*2,891,578	519	33 + 2†	71,133	63,091	134,224	3,835	111,295	51,354
154	Nellore.	Atmakur ...	1,349,690	168	2	2,138	1,749	3,887	1,944	4,042	906
L.F.		Darsi ...			1	1,543	1,256	2,799	2,799	2,647	346
155		Gudur ...			2	2,233	2,018	4,251	2,186	3,507	1,374
158		Kandukur ...			3	3,718	3,198	6,916	2,305	6,222	1,587
157		Kanigiri ...			2	2,837	2,451	5,288	2,644	4,776	853
158		Kavali ...			2	3,155	2,798	5,953	2,977	4,151	1,011
159		Kovvur ...			2	2,564	2,318	4,882	2,441	4,421	1,212
160		Nullore ...			2	2,885	2,203	5,088	2,544	4,190	953
161		Podili ...			1	1,707	1,495	3,202	3,202	2,883	280
162		Rapur ...			1	1,317	1,185	2,532	2,532	2,232	617
163	Udayagiri ...	2	1,636	1,285	2,921	1,461	2,961	461			
164	Venkatagiri ...	2	2,929	2,418	5,347	2,674	4,897	1,501			
		Total of district ...	1,349,690	168	22	28,692	24,374	53,066	2,412	46,935	11,101
165	The Nilgiris.	The Nilgiris circle ...	94,837	73	4	5,132	3,574	8,706	2,176	4,232	1,829
		Total of district ...	94,837	73	4	5,132	3,574	8,706	2,176	4,232	1,829
166	Ramanad.	Aruppukkotai ...	1,654,204	328	3	3,536	3,042	6,578	2,193	6,797	2,195
167		Mudukalattur ...			2	3,827	3,656	7,483	3,742	7,512	2,524
168		Ramanad ...			3	4,079	3,346	7,425	2,475	6,664	2,169
169		Sattur ...			3	4,109	3,423	7,532	2,111	6,903	3,096
170		Sivaganga ...			3	3,676	3,029	6,705	2,235	6,270	2,383
171		Srivilliputtur ...			2	3,543	2,565	6,108	3,054	5,477	2,351
172		Tirupattur ...			3	2,380	2,020	4,400	1,467	5,023	1,511
173		Tiruvadanai ...			3	4,135	3,411	7,546	2,515	6,559	927
		Total of district ...	1,654,204	328	22	29,285	24,492	53,777	2,444	51,505	17,156
174	Salem.	Attur ...	2,059,790	326	2	3,219	3,207	6,426	3,213	5,919	2,916
175		Dharmapuri ...			3	4,404	3,422	7,826	2,609	7,142	1,817
176		Hurur ...			2	3,319	2,838	6,157	3,079	5,593	1,062
177		Hosur ...			3	4,257	3,492	7,749	2,583	5,590	2,558
178		Krishnagiri ...			3	4,901	4,235	9,136	3,045	8,094	2,738
179		Namakkal ...			2	4,852	4,232	9,084	4,542	8,574	2,216
180		Omalur ...			2	3,054	3,671	7,625	3,812	8,519	1,914
181		Rasipuram ...			3	3,604	3,390	6,994	2,331	6,843	1,667
182		Salem ...			2	4,247	3,917	8,164	4,082	7,881	3,593
183	Sankari ...	3	4,907	4,574	9,481	3,160	10,270	2,156			
		Total of district ...	2,059,790	326	25	41,664	36,078	78,642	3,146	71,425	22,607
184	South Kanara.	Coondapur ...	1,180,326	296	2	3,789	3,834	7,623	3,812	5,641	2,950
185		Karkal ...			2	3,218	2,665	6,063	3,442	5,527	2,691
186		Kasaragod ...			2	6,164	5,604	11,768	3,923	10,511	2,720
187		Mangalore ...			3	5,300	4,642	9,942	3,314	8,834	4,168
188		Puttur ...			2	3,474	3,459	6,933	3,487	5,447	2,316
189		Udipi ...			3	5,491	4,821	10,312	3,437	8,531	5,033
190		Uppinangadi ...			3	2,822	2,546	5,368	1,789	4,141	920
		Total of district ...	1,180,326	296	18	30,258	27,771	58,029	3,224	48,632	20,862

* Excludes Laccadives (9,472)

† Reserve Vaccinators.

‡ Excludes Amindivi Islands (4,165).

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

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.			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 and under 6 years.	Total of all ages.	Unknown.	14	15	16	17	18	19	20	21	22	23	24	25					
2,462	6,372	787	1,541	576	387	96.0	49.9	}	10.6	25.1	}	}	}	}					
3,494	7,037	512	1,113	436	252	98.9	56.4		6.7	22.6									
3,447	7,592	630	1,902	678	310	99.1	42.6		7.6	16.3									
2,029	6,174	310	1,441	623	113	97.5	46.9		4.6	7.8									
1,621	6,644	429	1,912	748	242	97.8	41.3		5.9	12.6									
2,583	5,440	472	2,065	1,338	299	99.5	75.7		7.9	14.4									
2,789	7,490	366	4,293	1,609	12	98.1	37.6		4.6	0.3									
1,025	7,309	401	1,580	780	113	99.6	53.2		5.2	7.1									
1,882	5,885	1,330	897	294	309	98.4	50.0		18.2	34.4									
1,632	3,525	159	942	681	170	94.4	88.2		4.3	18.0									
38,720	100,467	8,862	27,174	12,077	3,702	98.1	51.4		38.9	7.9					13.6	81,455	28.2	1,282	0.4
2,164	3,386	302	858	218	127	99.2	29.8		}	7.5					14.8	}	}	}	
1,859	2,434	68	393	173	33	94.4	48.1			2.6					8.4				
1,720	3,285	161	1,046	332	226	97.9	40.5	4.3		21.6									
3,692	5,649	387	1,062	267	228	96.8	32.0	6.2		21.5									
2,870	4,090	207	624	179	118	99.5	35.4	4.3		18.9									
2,377	3,665	252	1,928	599	132	94.0	33.3	6.1		6.8									
2,357	3,789	370	588	131	94	93.5	26.5	8.4		15.9									
2,487	3,826	233	1,027	585	183	96.6	69.3	5.7		17.3									
1,832	2,374	180	672	166	128	87.8	30.5	6.2		19.0									
1,134	2,030	101	435	152	53	95.3	39.3	4.5		12.2									
2,058	2,704	121	330	87	101	95.2	37.9	4.1		30.6									
2,445	4,215	451	960	283	166	94.8	35.6	9.2		17.3									
26,995	41,397	2,328	9,923	3,172	1,589	93.8	38.1	33.0		6.0	16.0	32,793	23.5	468	0.3				
1,304	4,063	135	4,474	2,716	564	99.3	69.5	71.5	3.2	12.6					
1,304	4,068	135	4,474	2,716	564	99.3	69.5	71.5	3.2	12.6	4,068	42.7	85	0.9					
3,015	5,669	800	539	132	124	94.5	31.8	}	11.8	23.0	}	}	}						
4,246	7,254	119	539	359	76	98.1	77.5		1.6	14.1									
3,122	5,652	609	867	163	116	93.3	21.7		9.1	13.4									
2,326	5,829	635	850	297	98	92.9	39.5		9.2	11.5									
2,528	5,145	658	501	136	85	91.7	32.7		10.5	16.9									
2,315	4,947	300	904	275	99	95.5	34.1		5.3	10.9									
2,485	4,294	464	377	131	78	94.2	43.8		9.2	20.7									
2,972	4,768	1,018	1,090	262	195	81.6	29.3		14.8	17.9									
23,009	43,557	4,603	5,667	1,755	871	92.9	36.6		27.4	8.9				15.4	36,677	22.2	697	0.4	
1,994	5,054	266	850	313	42	89.4	38.7		}	4.4				4.9	}	}	}		
4,513	6,434	382	2,152	1,002	432	95.2	58.2			5.3				20.0					
3,337	4,857	424	801	315	75	93.9	43.4			7.5				9.3					
2,093	4,800	612	2,278	807	433	97.0	43.7			11.4				19.0					
3,497	6,680	866	2,020	633	426	92.4	39.8	10.7		21.0									
4,820	7,451	845	714	287	114	96.4	47.8	9.8		15.9									
4,971	7,354	716	387	88	61	94.2	26.9	8.4		15.7									
3,699	5,730	673	431	68	87	92.8	28.4	9.8		20.2									
3,277	7,232	414	439	244	72	96.8	66.4	5.2		16.4									
5,947	8,772	997	553	112	38	94.6	21.7	9.7		6.8									
38,148	64,361	6,225	10,625	3,901	1,780	94.3	44.1	33.1		8.3	16.7	38,492	18.7	895				0.4	
2,159	5,273	289	2,149	1,206	296	98.5	65.0	}		5.1	13.8	}	}	}					
1,935	4,757	689	581	180	175	98.3	44.3			12.5	30.1								
4,680	8,201	1,824	1,363	324	464	94.4	36.0		17.3	34.0									
3,739	8,183	463	1,789	758	153	97.7	43.3		5.2	8.5									
2,435	5,055	355	1,565	878	143	99.3	61.6		6.3	9.1									
2,881	8,200	294	1,818	1,093	189	99.5	67.1		3.4	10.4									
2,471	3,617	453	1,645	804	337	98.1	61.4		10.9	20.5									
20,280	43,286	4,367	10,910	5,241	1,757	97.8	57.2	40.8	8.9	16.1	37,548	31.6	716	0.6					

A.—VACCINE

Statement No. I showing the particulars of Vaccination in the

Number	Districts.	Circles.	Population of districts or circles according to the censuses 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	
						Males	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
191	Tanjore.	Arantangi ...	}	}	2	1,967	1,800	3,767	1,584	3,829	1,052
L.F.		Kumbakonam ...			2	3,757	3,234	7,023	3,512	6,462	1,915
192		Mannargudi ...			2	3,148	2,733	5,831	2,941	6,110	2,427
L.F.		Mayavaram, East ...			1	2,861	2,350	5,211	5,211	5,024	1,380
193		Mayavaram, West ...			1	3,043	2,554	5,597	5,597	4,592	1,455
194		Nannilam, North ...			1	2,053	1,819	3,872	3,872	3,474	1,044
195		Nannilam, South ...			1	1,515	1,530	3,045	3,045	3,627	966
L.F.		Negapatam ...			1	2,142	2,064	4,206	4,206	4,282	1,660
196		Papanasam ...			2	3,609	3,261	6,870	3,435	6,082	2,889
197		Pattukkottai ...			3	4,353	3,800	8,153	2,713	7,963	1,874
198		Shiyali ...			1	2,984	2,628	5,612	5,612	5,821	1,677
199		Tanjore, North ...			1	2,869	2,607	5,476	2,738	5,796	1,465
L.F.		Tanjore, South ...			2	3,202	2,814	6,046	3,023	5,821	1,610
L.F.		Tirutturaippundi ...			2	3,988	3,211	7,199	3,600	6,963	1,663
		Total of district ...	2,077,259	564	23	41,523	36,435	77,958	3,389	75,746	23,107
200	Tinnevely.	Ambasamudram ...	}	}	2	3,983	2,959	6,922	3,461	6,803	3,403
201		Kovilpatti ...			2	3,210	2,601	5,811	2,905	6,110	3,610
202		Nanguneri ...			2	4,210	3,724	7,934	3,967	9,102	3,854
203		Bankarankoil ...			3	2,189	1,624	3,813	1,271	13,260	2,473
204		Srivaikuntam ...			2	3,466	2,773	6,239	3,120	6,675	3,615
205		Tenkasi ...			3	4,467	3,761	8,228	2,743	10,168	4,661
206		Tinnevely ...			1	2,284	1,967	4,251	4,251	4,816	1,932
207		Tiruchendur ...			2	3,978	3,956	7,934	3,967	6,830	2,345
208		Vilattikulam ...			2	3,269	2,647	5,916	2,968	7,020	3,062
					Total of district ...	1,756,448	404	19	31,036	26,012	67,048	3,003	71,684	28,855
209	Trichinopoly.	Ariyalur ...	}	}	2	4,019	3,189	7,208	3,604	6,346	2,400
210		Jayamkondan ...			2	3,853	3,523	7,376	3,688	6,834	1,527
211		Karur ...			2	5,145	4,090	9,235	4,618	7,936	3,004
212		Kulittalai ...			2	4,023	3,055	7,078	3,539	6,714	2,668
213		Lalgudi ...			2	4,177	3,610	7,787	3,894	7,141	1,980
214		Manapparai ...			2	3,737	3,473	7,210	3,605	6,041	2,531
215		Musiri ...			2	3,364	2,584	5,948	2,974	5,437	2,749
216		Perambalur ...			2	4,440	3,950	8,390	4,196	6,726	1,717
217		Trichinopoly ...			1	3,565	2,789	6,354	6,354	5,753	1,900
218		Turaiyur ...			2	3,853	3,643	7,501	3,751	7,028	2,234
		Total of district ...	1,741,014	412	19	40,176	33,911	74,087	3,899	65,956	22,610
219	Vizagapatam.	Anakapalle ...	}	}	1	2,186	2,378	4,564	4,664	3,772	1,616
L.F.		Bimlipatam ...			1	1,569	1,498	3,057	3,057	3,282	1,171
220		Bobbili ...			1	1,927	1,886	3,813	3,813	3,507	1,404
221		Chiparupalli ...			2	4,031	4,101	8,132	4,066	5,850	2,468
L.F.		Chodavaram ...			2	4,028	3,650	7,678	3,839	7,304	3,298
222		Gajapatinagaram ...			3	4,890	4,724	9,614	3,205	8,577	2,560
223		Narasapatam ...			2	2,423	2,440	4,863	2,432	4,814	1,334
L.F.		Palkonda ...			2	4,191	3,892	7,583	3,792	6,100	2,605
224		Parvatipur ...			1	2,092	1,832	3,924	3,924	3,691	1,104
225		Razam ...			2	3,352	3,168	6,520	3,260	5,862	2,064
226		Salur ...			2	8,265	3,184	6,449	3,225	5,410	1,945
L.F.		Sranganavarapukota ...			1	2,884	2,196	4,579	4,579	4,823	1,782
227	Vizagapatam ...	1	2,702	2,851	5,553	5,553	4,053	1,894			
228	Vizianagaram ...	2	3,436	3,689	7,125	3,563	7,668	3,474			
229	Yellamanchilli ...	2	4,141	4,409	8,550	4,275	7,103	2,830			
		Total of district ...	2,120,009	...	25	46,807	45,397	92,004	3,680	81,816	32,449
		Total of districts ...	39,288,154	...	541 + 7*	891,820	753,771	1,645,591	3,003	1,446,879	572,201

* Reserve Vaccinators.

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

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.			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 and under 6 years.	Total of all ages.	Unknown.						14							15	16	17	18	19	20	21	22	23	24	25
1,987	3,345	150	106	41	8	90.9	41.8	...	3.9	7.5				
2,727	4,872	1,145	679	95	37	91.6	14.8	...	17.7	5.1				
2,053	4,877	1,008	474	179	120	95.6	50.6	...	10.5	25.3				
2,568	4,652	164	447	327	73	95.7	87.4	...	3.2	16.3				
2,228	4,334	204	1,235	410	76	98.7	35.3	...	4.1	6.1				
1,778	3,017	301	427	134	8	95.1	31.9	...	6.7	1.8				
1,833	3,079	218	133	43	36	93.0	44.3	...	6.2	27.0				
2,128	3,853	389	383	191	150	98.9	81.9	...	9.8	39.2				
2,017	5,725	292	1,159	765	117	98.9	73.4	...	4.8	10.1				
3,877	6,554	1,254	313	154	101	97.7	72.6	...	15.7	32.3				
2,556	4,590	330	1,041	328	148	83.6	36.7	...	5.7	14.2				
2,902	5,021	564	272	130	6	95.9	48.8	...	9.7	2.2				
2,550	4,829	779	583	167	130	95.8	36.6	...	13.4	22.1				
3,971	6,600	203	580	405	66	97.6	78.8	...	2.9	11.4				
35,175	65,348	7,001	7,837	3,869	1,076	95.1	49.8	33.1	9.2	13.7	40,280	19.4	1,431	0.7
2,119	5,761	598	1,929	677	118	92.8	37.4	...	8.8	6.1				
1,519	5,205	654	679	182	177	95.3	32.3	...	10.7	28.1				
3,375	7,568	874	886	295	142	91.9	39.6	...	9.7	16.0				
7,395	10,858	1,184	1,017	246	152	99.9	28.4	...	8.9	14.9				
2,093	5,748	389	1,091	664	116	91.4	57.8	...	5.8	10.6				
3,942	8,999	529	1,069	405	102	93.3	42.3	...	5.2	9.5				
1,670	3,810	497	403	137	80	88.2	42.4	...	10.3	19.8				
2,997	5,614	694	2,413	833	253	91.5	38.7	...	10.2	10.5				
2,805	6,259	856	812	171	293	88.7	32.9	...	12.0	36.1				
27,815	59,822	6,285	10,299	3,493	1,433	91.4	39.5	36.0	8.8	13.9	41,429	23.6	855	0.5
2,431	5,256	659	1,431	415	279	92.4	36.0	...	10.4	19.5				
3,613	5,631	888	1,804	599	275	93.0	58.2	...	12.9	21.9				
3,408	6,945	705	1,507	569	270	96.0	46.0	...	8.9	17.9				
2,560	5,598	755	1,343	545	281	93.9	51.3	...	11.2	20.9				
3,799	6,229	537	999	398	208	94.3	50.3	...	7.5	20.8				
2,223	5,037	764	1,197	371	99	95.4	33.8	...	12.6	8.3				
1,758	4,781	461	1,121	437	195	96.1	47.2	...	8.5	17.4				
3,694	6,059	536	1,769	1,088	151	97.9	64.1	...	7.9	8.5				
2,561	4,994	542	747	201	70	95.8	27.6	...	9.4	8.8				
3,423	6,452	485	538	253	49	98.6	51.7	...	6.9	9.1				
29,520	58,882	6,332	12,006	4,826	1,877	95.4	47.6	35.4	8.6	15.6	36,449	20.9	843	0.5
1,640	3,350	231	819	280	81	94.6	37.9	...	6.1	9.9				
1,410	2,748	263	402	107	70	91.0	32.2	...	8.0	17.4				
1,334	2,557	261	503	108	62	88.0	24.4	...	7.4	12.3				
2,112	4,903	504	2,282	1,284	201	89.8	61.7	...	8.6	8.8				
2,754	6,336	526	389	184	42	93.5	53.0	...	7.2	10.8				
4,066	7,202	638	1,037	46	55	90.7	15.3	...	7.4	8.2				
2,674	4,216	472	814	386	235	97.1	66.6	...	9.8	28.9				
2,047	4,793	607	1,433	101	60	87.3	7.1	...	9.9	4.0				
1,864	3,072	277	469	92	29	89.9	20.9	...	7.5	6.2				
1,776	4,940	474	942	222	90	91.7	24.6	...	8.1	9.1				
2,129	4,742	329	1,457	232	156	93.3	17.8	...	6.1	10.7				
1,952	3,975	637	802	306	262	92.7	47.1	...	11.1	27.9				
1,493	3,555	297	1,500	531	172	94.6	39.9	...	7.3	11.5				
2,183	5,861	1,041	1,490	216	367	88.4	18.2	...	13.6	24.6				
2,926	6,257	572	1,656	995	296	95.8	63.8	...	8.0	15.9				
32,660	68,707	7,029	16,305	5,190	2,198	91.9	36.6	34.8	8.6	13.4	52,876	24.9	576	0.3
590,954	1,246,081	125,412	326,278	113,635	48,236	94.3	40.9	34.6	8.7	14.8	928,527	23.6	19,388	0.5

A.—VACCINE

Statement No. I showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 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	
						Males.	Females.	Total.		Total number of operations.	Under 1 year.
1	2	3	4	5	6	7			8	9	10
1		Adoni ...	30,232	8,637	1	605	581	1,186	1,186	1,153	1,007
2		Anakāpalle ...	20,360	2,264	1	629	439	1,068	1,068	873	417
3		Anantapur ...	11,452	1,272	1	556	280	836	836	609	345
4		Bellary ...	39,842	7,345	3	1,126	873	1,999	666	1,552	961
5		Berhampur ...	32,731	5,474	1	840	414	1,054	1,054	832	575
6		Bezawada ...	44,159	7,360	2	1,384	850	2,234	1,117	1,371	987
7		Bimlipatam ...	7,495	15,020	1	320	226	606	606	268	221
8		Bodināyakkūr ...	20,341	5,085	1	508	433	991	991	982	714
9		Calicut ...	82,334	8,033	3	4,206	2,848	7,054	2,351	3,416	1,644
10		Cannanore ...	27,705	5,689	1	958	533	1,491	1,491	1,469	811
11		Chicacole ...	16,298	5,449	1	447	323	770	770	345	237
12		Chidambaram ...	22,501	11,251	1	339	268	607	607	507	114
13		Chinglepat ...	11,763	7,842	1	732	321	1,053	1,053	492	363
14		Chirala ...	15,323	7,663	1	360	314	674	674	277	183
15		Chittoor ...	17,941	2,392	1	365	512	877	877	617	454
16		Cocanada ...	53,343	8,854	2	2,466	1,493	3,959	1,980	2,478	1,202
17		Coobin ...	20,637	20,637	2	643	603	1,246	623	666	439
18		Coimbatore ...	65,788	9,048	6	2,300	1,570	3,870	645	2,913	1,609
19		Conjeeveram ...	61,376	15,344	2	1,252	935	2,187	1,094	1,802	1,157
20		Coonoor ...	12,215	2,041	1	475	276	751	751	399	179
21		Cuddalore ...	50,527	3,799	2	1,116	1,001	2,117	1,059	1,724	1,307
22		Cuddapah ...	19,517	4,337	2	1,618	568	2,186	1,093	773	382
23		Dhārāpuram ...	16,124	8,062	1	311	230	541	541	411	213
24		Dindigul ...	30,922	6,902	1	734	513	1,247	1,247	1,061	882
25		Ellore ...	45,842	14,292	2	1,074	904	1,978	989	1,608	882
26		Erode ...	22,911	6,186	1	639	405	1,044	1,044	671	465
27		Gudiyāttam ...	22,603	19,002	1	448	333	781	781	693	557
28		Guntur ...	48,184	10,253	2	3,438	2,519	5,957	2,979	1,761	1,420
29		Hindupur ...	12,456	6,228	1	929	326	1,255	1,255	649	289
30		Hospet ...	18,337	6,486	1	485	542	1,027	1,027	944	811
31		Karūr ...	18,249	12,166	1	380	267	647	647	506	211
32		Kodaikāna ...	4,233	...	1	108	89	197	197	180	129
33		Kumbakōnam ...	60,700	13,733	3	1,334	1,078	2,412	804	2,321	1,408
34		Kurnool ...	27,908	2,663	1	739	650	1,389	1,389	1,203	906
35		Madras ...	526,911	19,090	45	50,879	24,076	74,955	1,666	18,050	14,379
36		Madura ...	138,894	17,362	11	12,744	6,936	19,680	1,789	9,404	6,451
37		Mangalore ...	53,877	10,292	2	1,941	1,528	3,469	1,735	2,653	1,801
38		Mannārgudi ...	21,686	4,808	1	424	270	694	694	654	479
39		Masulipatam ...	43,940	2,197	3	1,633	1,246	2,879	1,440	1,925	1,218
40		Māvāram ...	28,617	6,765	1	527	531	1,058	1,058	860	648
41		Nandyal ...	18,124	3,624	2	463	393	856	426	698	342
42		Narasaraopet ...	11,308	5,654	1	446	428	874	874	588	258
43		Negapatam ...	54,016	10,760	3	2,517	1,786	4,253	1,413	3,695	1,315
44		Nellore ...	25,863	8,960	1	1,327	1,205	2,832	2,832	1,096	598
45		Ongole ...	14,276	3,575	1	2,553	1,482	4,035	4,035	1,063	280
46		Ootacamund ...	19,467	1,391	2	782	589	1,371	686	841	598
47		Palakollu ...	14,535	7,269	1	610	318	928	928	483	146
48		Palamcottah ...	46,643	1,167	2	977	755	1,732	866	1,494	608
49		Palghat ...	45,487	4,548	2	1,234	1,050	2,284	1,142	1,879	1,307
50		Palni ...	17,601	10,000	1	374	256	630	630	552	343
51		Parlākīmedi ...	18,719	14,398	1	928	630	1,556	1,556	1,210	651
52		Peddāpur ...	14,620	2,417	1	539	224	763	763	477	231
53		Periyakulam ...	16,478	21,971	1	567	392	959	959	808	640
54		Pollachi ...	11,875	2,969	1	175	157	332	332	309	233
55		Proddatur ...	15,906	5,891	1	511	345	856	856	847	330
56		Rajahmundry ...	53,791	15,310	3	4,513	2,359	6,872	2,291	3,415	1,396
57		Saidapet ...	27,404	3,045	1	882	685	1,567	1,567	1,243	790
58		Salem ...	52,244	1,478	3	1,483	1,280	2,763	921	2,723	1,660
59		Sivakasi ...	14,617	5,588	1	304	232	536	536	492	432
60		Srirangam ...	28,153	4,567	1	511	425	936	936	888	475
61		Srivilliputtūr ...	31,185	15,597	1	835	736	1,571	1,571	1,453	887
62		Tadpatri ...	11,293	1,412	1	223	141	364	364	439	136
63		Tanjore ...	59,913	7,311	3	1,892	1,341	3,233	1,078	2,340	1,386
64		Tellicherry ...	27,576	11,030	2	698	694	1,390	695	919	550
65		Tenali ...	23,230	6,828	1	454	436	890	890	874	604
66		Tinnevely ...	53,783	15,193	2	1,593	1,031	2,624	1,312	2,126	1,118
67		Trichinopoly ...	120,422	13,369	4	3,296	3,043	6,339	1,585	4,188	2,498
68		Tirupati ...	17,434	11,622	1	346	270	616	616	535	369
69		Tirupattūr ...	16,275	4,540	1	399	281	680	680	597	439

* Includes 511 cases performed in the Penitentiary.

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

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.			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 and under 6 years.	Total of all ages.	Unknown.						11							12	13	14	15	16	17	18	19	20	21	22	23	24	25
110	1,119	19	47	45	2	98.7	100.0	38.5	1.6	4.3	1,180	39.0	17	0.6			
302	870	...	197	112	...	99.6	56.8	48.2	...	...	760	37.3	3	0.1	
180	535	26	289	34	13	91.8	12.3	49.7	1.8	4.5	303	28.5	10	0.9			
394	1,369	71	449	100	20	92.4	25.4	37.1	4.6	4.4	2,479	62.2	24	0.8			
154	821	...	226	174	15	98.7	82.5	30.4	...	6.6	1,097	33.5	14	0.4			
312	1,356	10	863	693	5	99.6	80.8	46.4	0.7	0.6	1,449	32.8	5	0.1			
23	268	...	382	179	...	88.1	46.9	59.0	...	...	434	57.9	2	0.3	
266	982	...	10	10	...	100.0	100.0	48.8	...	...	545	26.8	19	0.9	
1,466	3,348	...	4,041	3,691	...	98.0	91.3	85.5	...	...	7,327	88.9	195	2.4	
491	1,450	...	400	240	9	98.7	61.4	61.0	...	2.2	2,209	79.7	154	5.6			
106	344	...	425	399	...	99.7	93.9	45.6	...	...	711	43.6	9	0.6	
345	459	20	106	43	19	94.2	49.4	22.3	3.9	17.9	575	25.6	17	0.8			
112	488	1	564	201	86	99.4	42.0	58.5	0.2	15.2	556	47.3	1	0.1			
91	274	...	400	218	35	99.0	59.7	32.1	...	8.8	91	25.8	19	1.2			
152	810	...	268	77	51	99.0	35.5	38.3	...	19.0	505	28.1	12	0.7			
779	2,191	80	2,006	1,072	99	91.4	56.2	61.2	3.2	4.9	2,159	40.5	54	1.0			
94	649	4	668	146	18	98.0	22.5	38.6	0.6	2.7	988	47.8	60	2.9			
996	2,782	4	1,236	173	81	95.6	15.0	44.9	0.1	6.5	2,292	34.8	84	1.3			
445	1,649	93	438	218	60	96.5	56.4	30.4	5.1	11.4	1,458	23.8	35	0.6			
172	382	...	352	202	...	95.7	57.4	48.0	...	...	508	41.4	15	1.2	
370	1,705	17	393	307	11	99.9	80.3	39.8	1.0	3.0	1,907	37.7	13	0.3			
315	720	31	1,419	233	527	97.0	26.1	48.8	4.0	37.1	496	21.4	12	0.6			
177	399	...	131	51	13	97.1	43.2	27.9	...	9.9	466	28.5	11	0.7			
185	1,027	12	199	66	44	98.0	42.6	35.3	1.1	22.1	986	31.9	5	0.2			
619	1,586	22	433	404	17	100.0	97.1	43.4	1.4	3.9	3,131	68.3	27	0.6			
148	647	14	386	70	29	98.5	19.6	31.3	2.2	7.5	505	22.1	15	0.7			
102	675	13	107	103	4	99.2	100.0	34.1	1.9	3.7	633	27.7	18	0.8			
283	1,757	...	4,200	2,179	331	99.8	56.3	81.7	...	7.9	1,679	38.5	12	0.2			
198	536	37	674	102	96	87.6	17.6	51.2	5.7	14.2	283	22.7	...	...	
80	891	38	88	12	5	98.3	14.4	49.2	4.0	5.7	619	39.7	16	0.9			
252	491	...	212	99	1	97.0	47.0	32.3	...	0.5	445	24.4	19	1.0			
50	185	...	7	7	...	99.0	100.0	45.5	...	...	238	56.6	1	0.2	
705	2,247	89	168	68	47	98.5	56.2	38.1	1.7	28.0	1,717	28.2	65	1.1			
279	1,197	...	188	81	45	99.5	56.6	45.8	...	23.9	1,048	37.6	28	0.9			
2,960	17,483	375	56,823	18,402	11,007	98.9	40.9	68.1	2.0	20.9	20,209	38.5	378	0.7			
2,224	8,933	172	11,100	8,773	194	97.8	80.4	127.7	1.8	1.7	13,780	99.2	228	1.6			
747	2,583	32	321	589	115	98.5	83.4	58.9	1.2	14.0	2,962	41.9	23	0.5			
126	639	2	40	31	2	98.0	70.4	31.0	0.3	4.3	640	29.5	16	0.7			
565	1,912	7	1,086	877	61	99.7	85.6	63.5	0.4	6.0	2,353	51.3	25	0.6			
173	875	6	174	118	22	99.0	77.6	34.7	0.7	12.6	930	32.5	13	0.8			
245	605	6	173	112	2	87.4	65.5	39.6	0.8	1.1	546	30.2	11	0.6			
266	554	18	367	224	49	97.2	70.4	68.8	3.0	13.3	392	34.6	...	...	
1,981	3,661	8	564	445	24	99.3	82.4	76.0	0.2	4.2	3,668	79.9	72	1.3			
403	1,054	34	1,752	460	420	99.2	34.5	42.2	3.1	23.9	892	24.8	36	1.0			
479	901	94	2,998	1,284	464	93.0	50.7	153.0	9.0	15.5	478	33.6	2	0.1			
165	817	...	616	267	45	97.1	46.7	55.7	...	7.3	1,087	55.8	16	0.8			
198	398	65	445	82	86	95.2	22.8	33.0	13.4	19.3	285	19.5	...	...	
711	1,450	4	251	182	13	97.3	76.5	35.0	0.8	5.2	1,485	31.1	28	0.6			
439	1,876	...	410	227	...	99.8	55.4	46.2	...	...	2,172	47.7	58	1.8	
148	502	15	102	49	26	93.5	64.5	31.5	2.7	25.5	418	23.8	9	0.5			
403	1,104	11	400	150	19	92.1	39.4	67.0	0.9	4.7	584	31.2	4	0.2			
159	437	1	399	278	...	91.8	89.7	48.9	0.2	...	476	32.5	...	...	
163	807	...	152	152	...	99.9	100.0	58.2	...	...	849	51.5	28	1.7	
52	298	10	23	6	7	99.6	37.5	25.6	3.2	30.4	201	17.7	15	1.3			
343	708	20	25	5	...	85.6	20.0	44.8	2.4	...	452	28.4	2	0.1			
1,850	3,246	16	3,492	1,487	462	95.5	49.1	88.0	0.5	13.2	2,206	41.0	24	0.4			
406	1,231	1	359	167	...	99.1	46.5	51.0	0.1	...	655	24.2	24	0.9			
738	2,688	...	40	13	...	96.9	32.5	50.7	...	...	2,293	43.9	83	1.6	
59	492	...	45	35	...	100.0	77.8	36.1	...	...	431	29.5	1	0.1	
377	872	9	49	44	...	90.2	89.8	39.6	1.0	...	861	37.2	14	0.6			
486	1,411	28	128	73	23	99.0	69.5	47.6	1.9	18.0	792	25.4	...	...	
154	365	10	86	15	5	85.1	45.4	33.6	2.8	14.0	174	15.4	22	1.9			
413	2,312	...	897	805	...	98.8	89.7	52.0	...	...	2,112	35.3	33	0.6	
302	874	1	524	157	20	95.2	91.1	37.4	0.1	3.8	1,009	36.3	70	2.5			
218	841	2	36	17	5	98.4	54.8	36.9	0.2	13.9	695	25.6	3	0.1			
789	2,005	79	620	547	46	98.0	94.3	47.4	8.7	7.3	2,170	40.4	58	1.0			
1,475	4,102	36	2,177	1,850	53	98.8	87.1	49.4	0.8	2.4	5,548	46.1	69	0.6			
153	531	1	81	28	28	99.4	58.5	32.2	0.2	34.6	442	25.4	6	0.3			
134	592	3	83	53	8	99.7	70.7	39.6	0.5	9.6	537	33.1	11	0.7			

A.—VACCINE

Statement No. I showing the particulars of Vaccination in the

Number.	Districts.	Circles.	Population of districts or circles according to the census of 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	
						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	2,894	1	468	313	776	776	697	390
71		Tiruvalur	24,124	5,079	1	300	221	521	521	472	421
72		Tiruvannamalai	21,912	1,992	1	529	413	945	945	874	662
73		Tuticorin	44,522	24,734	2	1,050	915	1,965	983	1,520	939
74		Udumalpet	10,236	5,000	1	218	182	400	400	409	258
75		Vaniyambadi	20,090	5,740	1	442	391	833	833	807	587
76		Vellore	56,210	12,553	2	1,563	817	2,380	1,190	1,367	1,102
77		Villupuram	17,423	4,311	1	425	354	779	779	576	388
78		Virudhunagar	21,821	9,693	1	640	339	979	979	686	475
79		Vizagapatam	44,711	8,657	3	5,239	2,918	8,157	2,719	1,486	871
80		Viziansgram	39,299	7,866	2	1,254	1,008	2,262	1,131	1,716	1,171
81	Walajapet	10,013	10,013	1	310	142	452	452	311	256	
		Total of Municipalities.	3,028,859	...	179	146,033	89,084	235,117	1,813	120,304	76,877
1	Military Cantonments.	Bangalore	118,940	8,792	2	837	316	1,153	577	138	64
2		Secunderabad	95,124	5,006	6	3,262	4,948	8,210	1,368	4,235	2,896
		Total of Cantonments ...	214,064	6,899	8	4,099	5,264	9,363	1,170	4,373	2,960
		Total of Medical Subordinates ... ..	...	...	...	10,503	300	10,803	...	1,474	119
		Grand-total ...	* 43,317,013	...	728 + 7†	1,052,455	848,419	1,900,874	‡ 2,572	1,673,030	652,157

* Excluding the populations of Bangalore and Secunderabad cantonments.

† Reserve vaccinators.

‡ 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 133,084 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.

DEPARTMENT—cont.

Madras Presidency for the official year 1924-25—cont.

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.			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 and under 6 years.	Total of all ages.	Unknown.						11							12	13	14	15	16	17	18	19	20	21	22	23	24	25
228	864	10	84	75	...	96.6	89.3	68.1	1.4	...	440	40.6	15	1.4			
37	466	...	52	22	24	98.7	78.6	20.2	...	45.1	478	19.8	17	0.4			
168	865	...	73	39	1	99.0	54.2	41.2	...	1.4	859	38.7	...	0.3			
378	1,421	13	514	223	85	94.3	52.0	30.9	0.8	18.5	2,050	46.1	23	0.6			
125	889	1	25	8	4	95.3	38.0	38.8	0.2	16.0	283	25.5	16	1.8			
215	784	15	26	26	...	99.0	100.0	40.3	1.8	...	731	36.4	7	0.3			
252	1,364	2	1,014	425	373	99.9	66.3	35.6	0.01	36.7	1,901	37.8	19	0.4			
165	571	...	2.9	56	...	99.1	27.0	36.0	...	...	483	26.6	7	0.4	
187	682	7	294	168	15	97.6	60.2	38.0	1.0	5.1	608	27.8	37	1.7			
403	1,381	12	6,878	2,616	1,170	93.7	47.5	89.4	0.8	17.5	1,190	26.6	20	0.4			
310	1,648	36	643	256	68	98.0	44.5	48.4	2.1	10.6	2,140	54.5	17	0.4			
42	807	...	142	20	...	98.7	14.1	32.6	...	...	315	31.5	...	...	
33,715	115,688	1,713	119,126	53,760	17,519	97.5	52.9	55.9	1.4	14.7	127,691	42.1	2,556	0.8			
62	126	..	1,015	677	...	91.3	66.7	6.7	...	...	992	10.4	67	0.6	
1,044	4,149	33	4,144	999	36	98.7	24.3	54.1	0.8	0.9	5,952	50.0	8	0.1			
1,106	4,275	33	5,159	1,676	36	98.5	32.7	27.8	0.7	0.7	6,944	82.4	75	0.3			
108	1,267	35	10,385	5,807	450	88.0	58.6	...	2.4	4.8	...	...	...	...
625,883	1,367,311	127,193	460,928	175,078	66,241	91.6	44.4	§ 36.1	8.1	14.4	§ 1,056,218	§ 24.9	§ 24,894	§ 0.5			

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).	1,440,885	459,989	1,573,030	460,928	94.6	44.4	735	2,572	652,167	625,883	36.1	Rs. A. P. 5,50,264 3 5	Rs. A. P. 0 5 9
By Dispensary staff (statement No. III).	2	37	2	37	100.0	75.7	...	...	1	1	...	...	...
By other agencies, if any	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	1,440,887	460,026	1,573,032	460,965	94.6	44.4	735	2,572	652,168	625,884	36.1	* 5,50,264 3 5	0 5 9

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

A.—VACCINE

Statement No. II showing the Cost of the Department

Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination).	Pay.	Expenditure.								
					Health Inspectors.		Vaccinators.			Peons, etc.			
					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
				RS. A. P.		RS. A. P.				RS. A. P.		RS. A. P.	RS. A. P.
1	Bhadrahallam ... ..		...	...	1	423 10 8	2	3	1	2,154 6 8	1	157 9 0	2,735 10 4
2		Polavararam ... ..	...	...	1	466 0 4	...	3	...	1,382 15 6	1	215 8 9	2,064 8 7
		Total ... ..	...	...	2	889 11 0	2	6	1	3,537 6 2	2	373 1 9	4,800 2 11
3	Ganjām Hill Tracts, North.		...	...	1	627 4 4	3	3	8	3,154 8 9	1	178 8 0	3,958 5 1
4		DO. South.	...	...	1	575 5 4	2	1	2	1,069 9 0	1	168 0 0	1,812 14 4
		Total ... ..	...	...	2	1,202 9 8	5	4	5	4,224 1 9	2	344 8 0	5,771 3 5
5	Ganjām. Godāvāri.		...	...	1	471 0 0	...	3	3	1,241 15 0	1	144 0 0	1,856 15 0
6		Hill Madugole ... ..	...	...	1	485 10 4	1	2	2	1,031 6 0	1	132 0 0	1,649 0 4
7		Jeypore ... ..	...	...	1	372 15 8	1	3	1	1,936 6 0	1	131 0 0	2,440 5 8
8		Korapat ... ..	...	...	1	507 5 4	...	4	1	2,040 4 0	1	140 10 0	2,688 3 4
9		Nowrangpur ... ..	...	...	1	480 13 4	...	2	2	1,102 12 0	1	152 14 0	1,736 7 4
	Total ... ..	...	...	5	2,317 12 8	2	14	9	7,352 11 0	5	700 8 0	10,370 15 8	
	Total of Agency districts ...	...	...	9	4,410 1 4	9	24	15	15,114 2 11	9	1,418 1 9	20,942 6 0	
10	Anantapur.		...	...	1	251 0 0	...	1	1	830 0 6	1	144 0 0	1,225 0 6
11		Dharmavaram ... ..	...	...	1	407 5 4	...	1	1	557 13 0	1	144 0 0	1,109 2 4
12		Gooty ... ..	...	...	1	347 12 4	...	1	1	553 11 6	1	154 13 0	966 4 10
13		Hindupur ... ..	...	...	1	309 9 0	...	1	1	473 5 3	1	143 0 0	925 14 3
14		Kadiri ... ..	...	...	1	247 10 0	...	2	...	864 0 0	1	144 0 0	1,255 10 0
15		Kalyandrug ... ..	...	...	1	267 5 4	...	1	...	160 5 0	1	144 0 0	591 10 4
16		Madakasira ... ..	...	...	1	263 2 8	...	1	...	473 5 3	1	144 0 0	880 7 11
17		Penakonda ... ..	...	...	1	500 3 9	...	1	...	472 10 3	1	144 0 0	1,116 14 0
18		Tadpatri ... ..	...	...	1	285 10 8	...	1	1	560 2 6	1	143 0 0	988 13 2
		Reserve Vaccinators ... ..	...	...	...	...	...	2	...	1,214 8 0	...	...	1,214 8 0
	Total of district ... ..	...	...	9	2,789 11 1	...	12	5	6,169 13 3	9	1,804 13 0	10,274 5 4	
19	Arcot (North).		...	...	1	336 0 0	1	...	1	713 12 0	1	144 0 0	1,193 12 0
20		Arkonam ... ..	...	...	1	427 9 8	1	...	1	829 4 0	1	144 0 0	1,400 13 8
21		Cheygar ... ..	...	...	1	347 5 0	1	...	1	1,061 0 0	1	144 0 0	1,552 5 0
22		Gudiyattam ... ..	...	...	1	287 5 4	1	...	1	1,062 11 7	1	144 0 0	1,494 0 11
23		Polur ... ..	...	...	1	300 5 8	1	1	...	1,448 14 0	1	144 0 0	1,893 3 8
24		Ranipet ... ..	...	...	1	467 14 4	1	1	...	1,300 12 0	1	132 0 0	1,900 10 4
25		Tirupattur ... ..	...	...	1	277 8 8	1	1	1	1,678 9 0	1	144 0 0	2,100 1 8
26		Tiruvannamalai ... ..	...	...	1	347 5 4	1	1	1	1,547 13 0	1	144 0 0	2,039 2 4
27		Vellore ... ..	...	...	1	517 0 0	1	1	...	1,069 7 0	1	139 12 0	1,736 3 0
28		Wandiwash ... ..	...	...	1	249 14 0	...	1	1	744 6 0	1	138 0 0	1,132 4 0
	Reserve Vaccinators ... ..	...	...	...	...	...	1	...	540 0 0	...	...	540 0 0	
	Total of district ... ..	...	...	10	3,558 4 0	9	7	7	11,996 8 7	10	1,427 12 0	16,982 8 7	
29	Arcot (South).		...	...	1	251 12 8	1	1	...	707 3 0	1	144 0 0	1,102 15 8
30		Cuddalore ... ..	...	...	1	287 5 4	1	1	...	892 0 0	1	144 0 0	1,323 5 4
31		Gingee ... ..	...	...	1	480 0 0	...	1	1	639 0 0	1	144 0 0	1,263 0 0
32		Kallakurchi ... ..	...	...	1	558 3 0	1	1	...	824 2 5	1	144 0 0	1,524 5 5
33		Tindivanam ... ..	...	...	1	365 11 0	1	1	...	924 0 0	1	144 0 0	1,433 11 0
34		Tirukkoyilar ... ..	...	...	1	377 0 8	...	2	...	1,030 4 0	1	142 9 0	1,549 13 8
35		Tittagudi ... ..	...	...	1	288 0 0	...	1	...	335 0 0	1	144 0 0	767 0 0
36		Ulundurpet ... ..	...	...	1	387 0 0	...	1	1	664 14 0	1	132 0 0	1,183 14 0
37		Vilupuram ... ..	...	...	1	272 12 4	1	...	1	750 0 0	1	144 0 0	1,166 12 4
38		Vriddhachallam ... ..	...	...	1	324 5 4	...	1	...	632 0 0	1	144 0 0	1,100 5 4
	Total of district ... ..	...	...	10	3,590 2 4	5	9	4	7,398 7 5	10	1,426 9 0	12,415 2 9	
39	Bellary.		...	...	1	375 12 8	1	1	...	943 10 0	1	144 0 0	1,463 5 8
40		Alur ... ..	...	...	1	338 0 0	...	1	...	683 0 0	1	144 0 0	1,148 0 0
41		Bellary ... ..	...	...	1	372 12 0	...	1	2	719 8 0	1	144 0 0	1,238 4 0
42		Hadagalli ... ..	...	...	1	371 1 4	...	1	...	313 0 0	1	144 0 0	828 1 4
43		Harpanahalli ... ..	...	...	1	24 10 8	...	1	1	377 1 0	1	139 5 0	801 0 8
44		Hospet ... ..	...	...	1	213 5 4	...	1	1	602 8 0	1	151 7 0	967 4 4
45		Kudligi ... ..	...	...	1	227 0 0	...	2	...	847 13 0	1	144 2 0	1,218 15 0
46		Rayadrug ... ..	...	...	1	384 12 8	...	1	...	530 2 8	1	144 0 0	1,058 14 11
47	Siruguppa ... ..	...	...	1	336 0 0	...	1	...	440 0 0	1	144 0 0	920 0 0	
	Total of district ... ..	...	...	9	2,901 6 8	1	10	4	5,441 10 3	9	1,298 14 0	9,641 14 11	

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25.

Travelling allowance.	Contingencies.	Total cost.	Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
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.
1,441 6 3	136 14 2	4,313 14 9	...	4,313 14 9	...	...	4,313 14 9	3,654	1 2 11
408 9 2	127 2 1	2,600 8 10	...	892 1 7	1,708 2 3	...	2,600 8 10	6,010	0 8 11
1,849 15 5	264 0 3	6,914 2 7	...	5,206 0 4	1,708 2 3	...	6,914 2 7	9,664	0 11 5
1,871 0 11	106 5 3	5,935 11 3	...	5,935 11 3	...	...	5,935 11 3	6,977	0 13 7
865 0 0	59 7 0	2,737 5 4	...	2,737 5 4	...	...	2,737 5 4	5,851	0 7 8
2,736 0 11	165 12 3	8,673 0 7	...	8,673 0 7	...	...	8,673 0 7	12,828	0 10 10
878 3 6	69 1 9	2,804 4 3	...	917 1 9	1,887 2 6	...	2,804 4 3	7,677	0 5 10
900 3 0	82 7 0	2,631 10 4	...	2,631 10 4	...	...	2,631 10 4	4,792	0 8 9
814 0 6	49 6 0	3,303 12 2	...	928 8 8	2,377 3 6	...	3,303 12 2	6,409	0 8 3
738 14 4	292 15 2	3,720 0 10	...	903 0 4	2,817 0 6	...	3,720 0 10	10,222	0 5 10
551 15 2	29 11 11	2,318 2 5	...	892 2 11	1,425 15 6	...	2,318 2 5	7,557	0 4 11
3,883 4 6	523 9 10	14,777 14 0	...	6,270 8 0	8,507 6 0	...	14,777 14 0	36,057	0 6 5
8,469 4 10	953 6 4	30,365 1 2	...	20,149 8 11	10,215 8 3	...	30,365 1 2	59,149	0 8 3
561 5 0	95 2 11	1,881 8 5	...	586 15 3	1,294 9 2	...	1,881 8 5	2,763	0 10 11
609 2 0	164 6 4	1,882 10 8	...	773 14 8	1,103 12 0	...	1,882 10 8	3,490	0 8 8
476 5 2	32 1 4	1,473 11 4	...	631 4 4	842 7 0	...	1,473 11 4	3,599	0 6 7
412 3 0	107 0 10	1,445 2 1	...	685 1 10	760 0 3	...	1,445 2 1	2,816	0 8 3
449 1 0	105 1 10	1,809 12 10	...	533 14 10	1,275 14 0	...	1,809 12 10	3,444	0 8 5
255 14 8	100 1 8	847 10 8	...	664 13 4	282 13 4	...	947 10 8	2,036	0 7 5
384 13 4	106 7 9	1,371 13 0	...	611 12 9	760 0 3	...	1,371 13 0	1,717	0 12 9
443 3 6	62 2 6	1,622 4 0	...	862 14 9	759 5 3	...	1,622 4 0	3,022	0 8 7
482 11 8	116 6 8	1,587 15 6	...	629 7 0	958 8 6	...	1,587 15 6	2,381	0 10 8
92 1 0	29 8 0	1,338 1 0	...	...	1,336 1 0	...	1,338 1 0	...	...
4,155 12 4	918 7 10	15,358 9 6	...	5,985 2 9	9,373 6 9	...	15,358 9 6	25,268	0 9 8
537 7 0	94 9 6	1,825 12 6	...	678 2 0	1,147 10 6	...	1,825 12 6	4,842	0 6 0
494 12 0	120 5 10	2,024 15 6	...	726 10 10	1,298 4 8	...	2,024 15 6	5,079	0 6 5
531 8 0	166 4 0	2,250 1 0	...	677 2 0	1,572 15 0	...	2,250 1 0	5,335	0 6 9
510 2 0	80 11 8	2,084 14 7	...	624 5 4	1,460 9 3	...	2,084 14 7	6,522	0 5 1
528 10 8	173 13 9	2,595 12 1	...	645 8 4	1,950 8 9	...	2,595 12 1	5,940	0 7 0
494 2 4	117 4 4	2,512 1 0	...	782 13 0	1,729 4 0	...	2,512 1 0	7,787	0 5 2
708 10 4	149 2 4	2,957 14 4	...	628 0 4	2,329 14 0	...	2,957 14 4	8,697	0 5 5
749 5 4	143 13 4	2,932 5 0	...	687 6 0	2,244 15 0	...	2,932 5 0	10,046	0 4 3
518 13 8	118 4 3	2,373 4 11	...	860 3 3	1,513 1 8	...	2,373 4 11	5,433	0 7 0
466 6 4	177 2 2	1,775 12 6	...	550 1 0	1,225 11 6	...	1,775 12 6	6,150	0 4 7
201 6 0	13 14 0	755 6 0	...	...	755 6 0	...	755 6 0	...	...
5,741 5 8	1,364 5 2	24,088 8 5	...	6,859 15 1	17,228 4 4	...	24,088 8 5	66,731	0 5 9
412 0 2	4 5 4	1,519 5 2	...	558 10 2	960 11 0	...	1,519 5 2	4,337	0 5 6
549 8 8	93 9 11	1,966 7 11	...	648 5 4	1,318 2 7	...	1,966 7 11	7,399	0 4 3
407 2 8	408 15 4	2,159 2 0	...	794 7 4	1,374 10 8	...	2,159 2 0	6,322	0 5 5
527 13 6	31 6 6	2,086 9 8	...	384 1 10	1,202 7 10	...	2,086 9 8	6,258	0 5 4
495 15 0	413 8 0	2,843 2 0	...	699 7 0	1,643 11 0	...	2,843 2 0	5,651	0 6 8
503 5 0	59 8 4	2,112 11 0	...	707 13 0	1,404 14 0	...	2,112 11 0	6,814	0 5 0
234 8 0	66 7 9	1,067 15 9	...	524 15 4	543 0 5	...	1,067 15 9	3,196	0 5 4
495 15 0	73 9 0	1,753 6 0	...	687 12 0	1,065 10 0	...	1,753 6 0	5,229	0 5 4
508 3 4	395 14 1	2,070 13 9	...	618 0 0	1,452 13 9	...	2,070 13 9	8,063	0 4 1
403 6 5	104 8 6	1,608 4 3	...	654 4 0	954 0 3	...	1,608 4 3	4,126	0 6 3
4,627 14 0	1,654 12 9	18,697 13 6	...	6,777 12 0	11,920 1 6	...	18,697 13 6	57,464	0 5 2
429 6 8	244 4 0	2,137 1 4	...	691 7 4	1,445 10 0	...	2,137 1 4	4,532	0 7 7
472 2 0	258 14 11	1,879 0 11	...	678 2 8	1,200 14 3	...	1,879 0 11	3,005	0 10 0
412 3 0	118 2 1	1,764 9 1	...	751 4 1	1,007 5 0	...	1,764 9 1	2,923	0 9 8
333 15 0	100 5 4	1,267 5 8	...	728 7 0	538 14 8	...	1,267 5 8	3,151	0 6 5
418 0 2	104 8 8	1,321 4 6	...	597 2 0	724 2 6	...	1,321 4 6	3,451	0 6 1
396 12 4	91 11 7	1,455 12 3	...	525 11 9	960 0 6	...	1,455 12 3	2,193	0 10 7
384 11 8	93 0 8	1,696 11 4	...	550 11 10	1,145 15 6	...	1,696 11 4	3,032	0 8 11
497 13 4	66 15 2	1,623 11 5	...	783 13 0	839 14 5	...	1,623 11 5	2,879	0 9 0
323 8 0	52 6 0	1,295 14 0	...	669 12 0	623 2 0	...	1,295 14 0	2,738	0 7 7
3,671 8 2	1,127 15 5	14,441 6 6	...	5,982 7 8	8,458 14 10	...	14,441 6 6	27,904	0 8 3

A.—VACCINE

Statement No. 11 showing the Cost of the Department

Number.	Districts.	Circles.	Assistant Director of Public Health (Vacation).	Expenditure.									
				Pay.	Health Inspectors.		Vaccinators.			Peons, etc.		Total pay of establishment.	
					Number.	Pay.	First class.	Second class.	Probationers.	Pay.	Number.		Pay.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
				RS. A. P.		RS. A. P.				RS. A. P.		RS. A. P.	RS. A. P.
48	Chingleput	Chingleput ... ..	...	...	1	500 0 0	1	1	...	1,057 13 6	1	144 0 0	1,701 13 6
49		Conjeevaram ... ..	...	...	1	412 15 4	1	...	1	926 13 0	1	156 0 0	1,495 12 4
50		Madurantakam ... ..	...	...	1	397 9 4	1	1	...	1,301 4 0	1	144 0 0	1,842 13 4
51		Ponneri ... ..	...	...	1	301 0 0	1	1	...	1,257 7 0	1	144 0 0	1,702 7 0
52		Saidapet ... ..	...	...	1	532 1 0	1	1	...	984 2 0	1	144 3 0	1,360 6 0
53		Sriperumbudur ... ..	...	...	1	396 2 0	...	1	1	700 5 4	1	162 2 0	1,258 9 4
54		Tiruvallur ... ..	...	...	1	247 11 6	1	1	1	897 10 0	1	144 0 0	1,289 5 6
		Total of district ... ..	...	...	7	2,787 7 2	6	5	3	7,125 6 10	7	1,038 5 0	10,951 3 0
55	Chittoor.	Chandragiri ... ..	...	...	1	222 9 4	1	1	...	431 0 0	1	141 7 0	855 0 4
56		Chittoor ... ..	...	...	1	407 5 4	1	2	1	1,429 14 0	1	144 0 0	1,981 3 4
57		Kalahasti ... ..	...	...	1	250 13 4	...	1	...	370 13 0	1	144 0 0	785 10 4
58		Madanapalli ... ..	...	...	1	243 12 8	1	1	...	1,052 5 0	1	144 0 0	1,440 1 8
59		Palmaner and Punganoor ... ..	...	...	1	260 1 0	...	2	1	1,171 8 8	1	144 0 0	1,575 9 8
60		Puttur ... ..	...	...	1	310 0 0	1	1	...	376 9 0	1	144 0 0	1,330 9 0
61		Tiruttani ... ..	...	...	1	257 8 4	...	1	1	759 5 0	1	144 0 0	1,160 13 4
62	Voyalpad ... ..	...	...	1	250 13 4	...	1	1	677 11 0	1	144 0 0	1,072 8 4	
		Total of district ... ..	...	...	8	2,262 15 4	3	10	4	6,769 1 8	8	1,149 7 0	10,131 8 0
63	Coimbatore.	Avanashi ... ..	...	...	1	318 5 4	...	2	...	852 15 0	1	122 5 2	1,293 9 6
64		Bhavani ... ..	...	...	1	480 7 1	...	2	...	681 5 0	1	144 0 0	1,305 12 1
65		Coimbatore ... ..	...	...	1	470 13 4	1	1	1	1,187 15 0	1	144 0 0	1,782 12 4
66		Dharapuram ... ..	...	...	1	353 1 0	...	2	...	902 11 0	1	144 0 0	1,399 12 0
67		Erode ... ..	...	...	1	407 5 4	...	2	...	933 1 0	1	144 0 0	1,484 6 4
68		Gobichettipalayam ... ..	...	...	1	279 2 4	1	2	...	1,247 8 0	1	144 0 0	1,670 10 4
69		Kollegal ... ..	...	...	1	507 15 8	1	1	...	966 7 0	1	144 0 0	1,618 3 8
70		Perundurai ... ..	...	...	1	407 5 0	...	2	...	603 0 0	1	144 0 0	1,154 5 0
71		Pollachi ... ..	...	...	1	250 12 8	...	1	2	901 14 0	1	144 0 0	1,296 10 8
72		Tiruppur ... ..	...	...	1	518 5 4	1	2	...	1,176 7 4	1	144 0 0	1,838 12 8
73	Udamalpet ... ..	...	...	1	248 10 0	1	1	...	659 9 0	1	144 0 0	1,047 3 0	
		Reserve vaccinators ... ..	...	...	...	...	1	1	...	1,397 10 3	...	...	1,397 10 3
		Total of district ... ..	...	...	11	4,237 3 1	6	19	3	11,460 6 7	11	1,562 5 2	17,289 14 10
74	Cuddapah.	Badvel ... ..	...	...	1	304 5 0	...	1	1	653 2 6	1	144 0 0	1,101 7 6
75		Cuddapah ... ..	...	...	1	482 3 0	...	1	2	433 12 0	1	144 0 0	1,059 15 0
76		Jammalamadugu ... ..	...	...	1	251 11 4	...	2	...	483 7 0	1	144 0 0	879 2 4
77		Kamalapuram ... ..	...	...	1	609 11 0	...	1	1	635 2 0	1	144 0 0	1,388 13 0
78		Proddatur ... ..	...	...	1	302 11 8	...	1	...	474 8 0	1	144 0 0	921 3 8
79		Pulivendla ... ..	...	...	1	527 15 0	...	1	...	570 6 8	1	140 3 0	1,238 8 8
80		Rajampet ... ..	...	...	1	240 0 0	...	2	...	574 5 8	1	144 0 0	958 5 8
81		Rayachoti ... ..	...	...	1	282 9 0	...	2	...	842 13 0	1	144 0 0	1,249 6 0
82	Siddhout ... ..	...	...	1	251 7 8	...	1	1	441 14 6	1	152 0 0	845 6 2	
		Total of district ... ..	...	...	9	3,232 9 8	...	7	10	5,109 7 4	9	1,300 3 0	9,642 4 0
83	Guntur.	Aska ... ..	...	...	1	258 4 0	...	2	1	997 9 10	1	144 0 0	1,399 13 10
84		Berhampur ... ..	...	...	1	528 11 0	...	2	1	1,048 15 1	1	144 0 0	1,719 10 1
85		Chatrapur ... ..	...	...	1	274 12 0	...	1	2	956 2 4	1	132 0 0	1,362 14 4
86		Chicacole ... ..	...	...	1	247 0 0	...	2	1	870 0 0	1	144 0 0	1,261 0 0
87		Gumsur ... ..	...	...	1	297 5 4	...	2	...	719 11 1	1	181 10 3	1,198 10 8
88		Hiramandalam ... ..	...	...	1	244 0 0	...	2	1	773 12 0	1	137 1 0	1,154 13 0
89		Parlakimedi ... ..	...	...	1	276 2 8	...	2	1	755 15 0	1	105 15 0	1,138 0 8
90		Parashottapur ... ..	...	...	1	223 0 0	...	3	...	1,170 0 0	1	144 0 0	1,537 0 0
91		Sompeta ... ..	...	...	1	270 9 0	1	1	1	1,300 4 9	1	181 0 0	1,751 13 9
92	Surada ... ..	...	...	1	231 5 0	...	2	...	765 9 8	1	144 0 0	1,140 14 8	
93	Tekkali ... ..	...	...	1	310 10 8	1	1	1	1,071 4 0	1	122 12 0	1,504 10 8	
		Total of district ... ..	...	...	11	3,159 11 8	2	20	9	10,429 3 9	11	1,580 6 3	15,169 5 8

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25—cont.

Travelling allowance.	Contingencies.	Total cost.	Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
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.
507 4 8	78 3 0	2,287 5 2	...	718 7 0	1,568 14 2	...	2,287 5 2	7,308	0 5 0
599 7 8	84 2 10	2,179 6 10	...	787 6 8	1,412 0 2	...	2,179 6 10	7,150	0 4 10
558 10 0	123 9 6	2,525 0 10	...	740 12 8	1,784 4 2	...	2,525 0 10	8,155	0 4 11
520 1 0	74 13 6	2,297 5 6	...	574 9 0	1,722 12 6	...	2,297 5 6	8,259	0 4 5
493 5 8	26 3 4	2,179 15 0	...	859 8 0	1,320 7 0	...	2,179 15 0	6,285	0 5 7
712 3 8	74 14 6	2,045 11 6	...	941 4 6	1,104 7 0	...	2,045 11 6	5,639	0 5 10
491 11 4	74 6 3	1,855 7 1	...	517 10 0	1,337 13 1	...	1,855 7 1	6,143	0 4 10
3,892 12 0	536 4 11	15,370 3 11	...	5,119 9 10	10,250 10 1	...	15,370 3 11	48,933	0 5 0
310 14 0	78 2 4	1,239 0 8	...	629 13 8	609 3 0	...	1,239 0 8	3,818	0 5 2
753 6 0	190 1 6	2,924 10 10	...	806 8 10	2,118 2 0	...	2,924 10 10	7,815	0 6 0
314 8 8	63 0 4	1,143 3 4	...	588 6 4	554 13 0	...	1,143 3 4	3,402	0 5 5
495 7 8	130 8 11	2,066 2 3	...	600 4 6	1,465 13 9	...	2,066 2 3	5,597	0 5 11
588 4 4	183 4 1	2,347 2 1	...	588 8 8	1,760 9 5	...	2,347 2 1	4,083	0 8 0
468 7 0	96 10 7	1,895 10 7	...	648 9 7	1,247 1 0	...	1,895 10 7	5,673	0 5 4
475 14 8	131 5 10	1,768 1 10	...	646 5 10	1,121 12 0	...	1,768 1 10	5,989	0 4 9
510 5 4	83 11 10	1,666 9 6	...	597 7 8	1,069 2 0	...	1,666 9 6	4,787	0 5 7
3,917 3 8	951 13 5	15,050 9 1	...	5,104 0 11	9,946 8 2	...	15,050 9 1	41,764	0 5 9
512 7 0	106 7 3	1,912 7 9	...	636 10 6	1,275 13 3	...	1,912 7 9	6,794	0 4 6
432 5 4	133 12 0	1,871 13 5	...	743 6 1	1,128 7 4	...	1,871 13 5	5,541	0 5 5
706 0 0	119 3 7	2,607 15 11	...	816 3 8	1,791 12 3	...	2,607 15 11	7,389	0 5 8
613 13 8	132 3 7	2,145 13 3	...	719 14 0	1,425 15 3	...	2,145 13 3	7,222	0 4 10
657 6 8	101 10 0	2,243 7 0	...	838 11 0	1,408 12 0	...	2,243 7 0	6,926	0 5 2
764 1 8	205 13 8	2,640 9 8	...	614 5 8	1,996 4 0	...	2,640 9 8	6,615	0 6 5
614 12 0	144 2 8	2,377 5 4	...	951 8 4	1,422 13 0	...	2,377 5 4	2,777	0 13 8
536 5 0	183 8 10	1,879 2 10	...	828 14 8	1,050 4 2	...	1,879 2 10	6,307	0 4 1
583 5 10	125 8 5	2,005 9 11	...	589 12 8	1,415 13 3	...	2,005 9 11	7,623	0 4 2
682 12 4	111 14 2	2,633 7 2	...	874 7 4	1,758 15 10	...	2,633 7 2	11,492	0 3 8
351 6 2	115 1 11	1,543 11 1	...	539 0 0	1,004 11 1	...	1,543 11 1	5,481	0 4 6
66 8 0	156 12 11	1,620 15 2	...	...	1,620 15 2	...	1,620 15 2	...	...
6,551 3 8	1,641 4 0	25,482 6 6	...	8,183 13 11	17,298 8 7	...	25,482 6 6	74,167	0 5 6
810 5 8	107 11 4	1,519 8 6	...	619 6 0	900 2 6	...	1,519 8 6	1,932	0 12 7
253 6 5	65 10 4	1,378 15 9	...	772 8 10	808 6 11	...	1,378 15 9	2,410	0 9 2
316 7 4	38 12 5	1,234 6 1	...	552 15 1	677 7 0	...	1,234 6 1	3,828	0 5 5
377 12 10	60 4 7	1,828 14 5	...	948 9 3	883 5 2	...	1,828 14 5	3,714	0 7 10
242 15 4	61 1 3	1,225 4 3	...	601 9 6	623 10 9	...	1,225 4 3	2,100	0 9 4
335 7 8	52 0 6	1,626 0 10	...	894 11 2	741 5 8	...	1,626 0 10	2,730	0 9 6
350 0 4	75 11 9	1,384 1 9	...	552 2 7	831 15 2	...	1,384 1 9	3,303	0 6 8
361 1 4	134 1 3	1,774 8 7	...	609 2 0	1,165 6 7	...	1,774 8 7	3,923	0 7 3
872 5 0	135 11 1	1,353 6 3	...	625 10 9	727 11 6	...	1,353 6 3	3,342	0 6 6
2,949 13 11	731 0 6	13,323 2 5	...	6,165 11 2	7,157 7 3	...	13,323 2 5	27,082	0 7 10
686 8 8	115 2 8	2,201 9 2	...	569 15 0	1,631 10 2	...	2,201 9 2	5,405	0 6 6
713 12 8	31 1 0	2,461 7 9	...	881 13 4	1,582 10 5	...	2,461 7 9	5,134	0 7 8
507 1 0	40 14 4	1,910 13 8	...	554 15 8	1,355 14 0	...	1,910 13 8	6,274	0 4 10
715 14 8	52 6 0	2,029 4 8	...	534 14 8	1,494 6 0	...	2,029 4 8	5,205	0 6 2
541 1 7	87 5 0	1,827 1 3	...	682 15 7	1,144 1 8	...	1,827 1 3	3,650	0 8 0
665 1 6	88 1 8	1,908 0 2	...	670 14 2	1,237 2 0	...	1,908 0 2	5,041	0 6 1
548 1 2	55 8 4	1,736 10 2	...	498 6 2	1,238 4 0	...	1,736 10 2	4,550	0 6 1
553 3 4	33 2 5	2,123 5 9	...	531 9 2	1,591 12 7	...	2,123 5 9	5,754	0 5 10
086 5 3	44 10 7	2,482 13 7	...	628 15 2	1,853 14 5	...	2,482 13 7	5,387	0 7 4
543 6 11	207 12 2	1,892 1 9	...	491 13 11	1,400 3 10	...	1,892 1 9	3,894	0 7 9
728 11 0	68 5 8	2,299 11 4	...	584 0 4	1,715 11 0	...	2,299 11 4	5,377	0 6 10
6,884 3 9	822 5 10	22,875 15 3	...	6,680 5 2	16,245 10 1	...	22,875 15 3	55,671	0 8 6

A.—VACCINE

Statement No. II showing the Cost of the Department

Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination).	Pay.	Expenditure.								
					Health Inspectors.		Vaccinators.			Peons, etc.			
					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
				RS. A. P.	RS. A. P.					RS. A. P.		RS. A. P.	RS. A. P.
94	Godavari.	Alampur		1	407 5 4	...	1	1	699 3 0	1	144 0 0	1,250 8 4	
95		Amalapuram		1	346 14 8	...	2	...	1,019 11 5	1	144 0 0	1,510 10 1	
96		Cocanada (Local Fund)		1	229 8 8	1	1	1	1,107 0 0	1	238 0 0	1,574 3 8	
97		Kottapeta		1	364 5 4	...	2	...	525 0 0	1	144 0 0	1,033 5 4	
98		Peddapuram		1	340 7 0	1	...	...	823 2 3	1	144 0 0	1,307 9 3
99		Pithapuram		1	339 1 4	...	1	1	932 9 4	1	158 0 0	1,429 10 8	
100		Rajahmundry		1	389 6 0	1	1	...	901 6 4	1	144 0 0	1,434 12 4	
101		Ramaobandrapuram		1	498 5 4	1	1	...	613 14 7	1	144 0 0	1,256 3 11	
			Razole		1	236 6 8	1	1	...	698 0 0	1	142 13 0	1,077 3 8
			Total of district ...		9	3,151 7 4	5	8	6	7,319 14 11	9	1,402 13 0	11,874 3 3
102	Guntur.	Bapatla		1	314 3 4	...	2	1	1,348 15 0	1	144 0 0	1,786 2 4	
103		Guntur		1	497 4 4	...	1	1	697 8 0	1	144 0 0	1,338 12 4	
104		Gurzala		1	237 5 4	...	2	1	981 0 0	1	144 0 0	1,412 5 4	
105		Narasaraopet		1	310 15 4	...	1	2	1,668 12 0	1	143 8 0	2,123 3 4	
106		Ongole		1	251 0 0	1	2	1	1,153 12 0	1	144 0 0	1,548 12 0	
107		Repalli		1	461 10 0	...	1	1	792 4 0	1	139 1 0	1,392 15 0	
108		Sattenapalle		1	250 12 4	1	2	...	1,226 0 0	1	144 0 0	1,620 12 4	
109		Tenali		1	367 5 4	1	3	...	958 3 3	1	143 4 0	1,468 12 7	
110		Vinukonda		1	243 11 4	...	...	2	642 11 0	1	144 0 0	1,030 6 4
		Total of district ...		9	2,984 3 4	3	14	9	9,448 1 3	9	1,289 13 0	13,722 1 7	
111	Kistna.	Bandar		1	347 5 4	...	1	...	468 12 0	1	144 0 0	960 1 4	
112		Bezwada		1	522 10 8	1	1	1	1,348 10 0	1	204 0 0	2,075 4 8	
113		Bhimavaram		1	342 12 0	...	1	1	659 7 0	1	124 10 0	1,126 13 0	
114		Divi		1	252 1 0	1	1	...	861 13 0	1	126 12 0	1,240 10 0	
115		Ellore		1	287 0 0	1	...	...	711 8 0	1	108 0 0	1,108 8 0
116		Gudivada		1	349 10 0	1	2	1	1,283 3 0	1	195 7 0	1,828 4 0	
117		Kovvur		1	365 10 8	...	2	...	726 0 0	1	150 0 0	1,241 10 8	
118		Nandigama		1	253 1 0	...	2	...	706 1 0	1	144 0 0	1,103 2 0	
119		Narasapur		1	411 5 4	1	...	1	862 2 0	1	97 10 0	1,371 1 4	
120		Nuzvid		1	260 0 0	1	...	1	613 8 0	1	132 0 0	1,005 8 0	
		Tanuku (Local Fund)		1	200 0 0	1	2	1	1,458 4 0	1	144 0 0	1,802 4 0	
		Total of district ...		11	3,591 8 0	7	12	7	9,699 4 0	11	1,570 7 0	14,861 3 0	
121	Kurnool.	Dhone		1	345 11 8	...	2	...	672 12 0	1	143 4 0	1,161 11 8	
122		Giddalore		1	287 5 4	...	2	...	796 5 0	1	144 0 0	1,227 10 4	
123		Koilkuntla		1	266 0 0	...	2	...	735 2 0	1	144 0 0	1,145 2 0	
124		Kurnool		1	532 4 4	...	2	...	1,030 0 0	1	162 3 0	1,714 7 4	
125		Markapur		1	383 10 8	...	2	...	924 5 0	1	144 0 0	1,451 15 8	
126		Nandikotkur		1	287 5 4	...	2	...	794 8 0	1	144 0 0	1,225 13 4	
127		Nandyal		1	302 12 0	...	1	...	360 0 0	1	142 8 0	805 4 0	
128		Pattikonda		1	301 6 0	...	2	...	586 7 0	1	144 0 0	1,031 13 0	
129		Sirvel		1	255 0 0	...	2	...	650 0 0	1	107 8 0	1,012 8 0	
		Total of district ...		9	2,961 7 4	...	17	...	6,549 7 0	9	1,265 7 0	10,776 5 4	
130	Madura.	Dindigul		1	391 11 0	1	...	1	1,285 8 0	1	132 0 0	1,809 3 0	
131		Kodaikanal		1	363 4 0	...	1	...	588 8 0	1	168 0 0	1,119 12 0	
132		Madura		1	267 12 4	1	1	...	761 3 3	1	136 7 8	1,165 7 3	
133		Melur		1	279 5 8	1	1	...	1,101 1 4	1	116 6 0	1,498 13 0	
134		Nilakkottai		1	252 0 0	1	1	...	1,533 10 0	1	144 0 0	1,929 10 0	
135		Palni		1	383 6 0	1	...	1	1,266 15 0	1	139 12 0	1,790 1 0	
136		Periyakulam		1	423 2 4	2	1	1	1,831 15 0	1	141 0 0	2,399 1 4	
137		Tirumangalam		1	508 7 4	1	1	1	1,588 14 0	1	130 15 0	2,223 4 4	
138		Vedasandur		1	310 15 0	1	1	...	901 1 0	1	156 0 0	1,368 0 0	
		Total of district ...		9	3,174 15 8	9	7	4	10,858 11 7	9	1,267 8 8	15,301 3 11	

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25—cont.

Travelling allowance.	Contingen- cies.	Total cost.	Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
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.
370 9 8	62 7 3	1,889 9 3	...	715 3 8	974 5 7	...	1,889 9 3	5,256	0 5 2
491 13 8	58 5 6	2,060 13 3	...	651 4 9	1,409 8 6	...	2,060 13 3	5,329	0 6 2
551 0 6	92 4 5	2,217 8 7	...	...	2,217 8 7	...	2,217 8 7	6,355	0 5 7
498 1 4	35 0 6	1,566 7 2	...	699 4 5	867 2 9	...	1,566 7 2	5,847	0 4 3
533 7 10	36 10 6	1,877 11 7	...	651 15 0	1,225 12 7	...	1,877 11 7	6,061	0 4 11
533 1 3	56 1 7	2,018 13 6	...	569 2 6	1,449 11 0	...	2,018 13 6	5,510	0 5 10
526 10 0	64 7 0	2,025 13 4	...	727 11 4	1,298 2 0	...	2,025 13 4	5,445	0 5 11
410 11 8	85 7 2	1,752 6 9	...	895 12 0	948 10 9	...	1,752 6 9	5,316	0 5 3
486 13 4	20 4 4	1,534 5 4	...	524 4 4	1,010 1 0	...	1,534 5 4	5,700	0 4 4
4,358 5 3	511 0 3	16,743 8 9	...	5,344 10 0	11,398 14 9	...	16,743 8 9	50,849	0 5 3
707 14 0	121 8 4	2,615 8 8	...	621 6 8	1,994 2 0	...	2,615 8 8	10,481	0 4 0
460 15 8	30 11 5	1,830 7 5	...	778 1 5	1,052 6 0	...	1,830 7 5	7,735	0 3 9
572 15 4	153 12 8	2,139 1 4	...	565 14 4	1,573 3 0	...	2,139 1 4	7,203	0 4 9
984 14 8	208 9 6	3,316 11 6	...	599 9 6	2,717 2 0	...	3,316 11 6	6,833	0 7 9
398 0 4	35 6 0	1,982 2 4	...	533 6 4	1,448 12 0	...	1,982 2 4	11,612	0 2 8
350 8 8	114 13 8	1,858 5 4	...	724 0 4	1,184 5 0	...	1,858 5 4	5,203	0 5 8
612 5 8	87 12 10	2,290 14 10	...	540 6 4	1,750 8 6	...	2,290 14 10	9,432	0 3 10
423 5 1	39 8 6	1,931 10 3	...	645 3 10	1,298 6 4	...	1,931 10 2	10,835	0 2 11
464 12 4	34 6 8	1,529 9 4	...	526 13 4	1,002 12 0	...	1,529 9 4	4,106	0 5 11
4,975 11 9	796 9 7	19,494 6 11	...	5,534 14 1	13,959 8 10	...	19,494 6 11	73,240	0 4 1
314 13 0	19 11 4	1,294 9 8	...	646 5 8	648 4 0	...	1,294 9 8	3,295	0 6 1
799 2 0	62 11 0	2,937 1 8	...	1,020 12 8	1,916 5 0	...	2,937 1 8	6,858	0 6 10
510 12 8	42 15 3	1,880 8 11	...	645 1 11	1,035 7 0	...	1,680 8 11	6,684	0 4 6
483 0 8	40 9 10	1,764 4 6	...	525 4 6	1,239 0 0	...	1,764 4 6	4,806	0 5 10
490 7 8	26 1 7	1,623 1 3	...	502 8 11	1,120 8 4	...	1,623 1 3	5,448	0 4 4
777 0 0	38 2 2	2,643 6 2	...	753 15 2	1,889 7 0	...	2,643 6 2	9,730	0 4 1
560 6 4	22 0 11	1,824 1 11	...	718 4 11	1,105 13 0	...	1,824 1 11	5,829	0 5 6
481 14 8	40 7 4	1,625 8 0	...	588 15 0	1,036 9 0	...	1,625 8 0	4,816	0 5 6
559 11 0	18 5 4	1,949 1 8	...	652 13 8	1,296 4 0	...	1,949 1 8	6,166	0 5 6
408 0 4	33 0 4	1,441 8 8	...	544 13 8	896 11 0	...	1,441 8 8	6,218	0 3 6
838 0 0	29 2 0	2,669 6 0	...	...	2,669 6 0	...	2,669 6 0	9,163	0 4 8
6,218 4 4	373 3 1	21,452 10 5	...	6,599 1 0	14,853 10 4	...	21,452 10 5	69,043	0 5 6
413 4 0	115 10 0	1,690 9 8	...	710 1 0	980 8 8	...	1,690 9 8	4,097	0 6 7
212 4 8	94 11 9	1,534 10 9	...	657 14 3	876 12 6	...	1,534 10 9	3,352	0 7 4
179 1 4	112 13 0	1,437 0 4	...	610 7 4	826 9 0	...	1,437 0 4	2,564	0 9 0
146 6 8	102 7 10	1,963 5 10	...	888 4 6	1,095 1 4	...	1,963 5 10	3,875	0 8 1
226 4 4	100 8 3	1,778 12 3	...	729 15 4	1,048 12 11	...	1,778 12 3	4,222	0 6 6
361 15 4	78 9 2	1,666 5 10	...	616 0 10	1,050 5 0	...	1,666 5 10	3,215	0 8 4
241 2 8	107 14 8	1,154 5 4	...	599 1 4	555 4 0	...	1,154 5 4	1,767	0 10 3
395 10 0	108 3 3	1,535 10 3	...	615 12 0	919 14 3	...	1,535 10 3	4,417	0 5 7
138 14 0	115 13 0	1,267 3 0	...	543 10 0	723 9 0	...	1,267 3 0	2,810	0 7 8
2,314 15 0	936 10 11	14,027 15 3	...	5,951 2 7	8,076 12 8	...	14,027 15 3	30,319	0 7 6
87 6 0	147 7 0	2,044 0 0	...	637 3 0	1,406 13 0	...	2,044 0 0	7,195	0 4 7
234 15 8	101 15 0	1,458 10 8	...	802 14 8	653 12 0	...	1,458 10 8	1,132	1 4 7
463 6 7	225 1 0	1,853 14 10	...	589 7 9	1,264 7 1	...	1,853 14 10	3,863	0 7 7
533 5 5	83 11 2	2,113 13 7	...	677 10 2	1,536 3 5	...	2,113 13 7	5,334	0 6 4
149 10 5	118 13 4	2,198 1 9	...	569 6 0	1,628 11 9	...	2,198 1 9	6,269	0 5 7
126 10 4	92 6 8	2,009 2 0	...	683 15 0	1,325 3 0	...	2,009 2 0	6,175	0 5 8
913 4 2	245 6 0	3,557 11 6	...	804 1 0	2,753 10 6	...	3,557 11 6	12,893	0 4 8
727 8 4	195 1 3	3,145 13 11	...	813 6 6	2,332 7 6	...	3,145 13 11	9,915	0 5 1
522 14 8	146 1 2	2,036 15 10	...	694 0 4	1,342 15 6	...	2,036 15 10	6,898	0 5 6
8,759 1 7	1,355 14 7	20,416 4 1	...	6,172 0 4	14,244 8 9	...	20,416 4 1	58,694	0 5 7

A.—VACCINE

Statement No. 11 showing the Cost of the Department

														Expenditure.											
Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination.)	Health Inspectors.			Vaccinators.			Peons, etc.			Total pay of establishment.												
				Pay.	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
139	Malabar.	Alattur		1	240 0 0	1	..	1	629 11 6	1	144 0 0	1,013 11 6													
140		Badagara		1	328 8 8	..	2	..	720 0 0	1	144 0 0	1,192 8 8													
141		Calicut		1	301 0 0	1	1	..	764 0 0	1	152 5 0	1,217 5 0													
142		Chirakkal		1	286 13 0	..	3	..	924 6 0	1	142 8 0	1,353 11 0													
143		Chowghat		1	348 0 0	..	1	1	606 8 0	1	142 7 0	1,096 15 0													
144		Manjeri		1	284 10 8	..	2	..	605 0 0	1	144 0 0	1,033 10 8													
145		Ottapalem		1	372 0 0	..	2	..	702 5 0	1	144 0 0	1,218 5 0													
146		Palghat		1	835 13 4	..	2	..	837 8 0	1	144 0 0	1,817 5 4													
147		Perintalmanna		1	352 8 2	1	..	1	681 11 0	1	144 0 0	1,178 3 8													
148		Ponnani		1	240 0 0	..	2	..	744 6 0	1	144 0 0	1,128 6 0													
149		Quilandi		1	311 12 0	..	2	..	646 0 0	1	144 0 0	1,101 12 0													
150		Tellicherry		1	500 0 0	1	1	1	1,010 14 2	1	144 0 0	1,654 14 2													
151		Tirur		1	480 0 0	1	1	..	1,104 0 0	1	144 0 0	1,728 0 0													
152		Thirurangadi		1	270 10 4	..	2	..	723 0 0	1	144 0 0	1,137 10 4													
153		Wynaad		1	424 14 0	..	3	..	1,268 0 0	1	196 15 0	1,889 13 0													
...		Reserve Vaccinators		..	..	1	1	1,236 0 0	..	..	1,236 0 0										
Total of district				15	5,576 10 8	6	25	4	13,203 5 8	15	2,218 3 0	20,098 3 4													
154	Nellore.	Atmakur		1	488 5 4	1	1	..	594 8 8	1	138 13 0	1,221 11 0													
155		Darsi		1	200 0 0	..	1	..	234 3 1	1	144 0 0	578 3 1													
156		Gudur		1	287 5 4	1	1	..	807 1 0	1	144 0 0	1,238 6 4													
157		Kandukur		1	288 5 4	..	3	..	958 6 0	1	144 0 0	1,390 11 4													
158		Kanigiri		1	347 5 4	..	2	..	687 8 0	1	144 0 0	1,158 13 4													
159		Kavali		1	399 5 4	..	2	..	729 7 9	1	144 0 0	1,272 13 1													
160		Kovvur		1	357 11 4	..	2	..	849 3 2	1	144 0 0	1,350 14 6													
161		Nellore		1	403 5 8	..	2	..	637 4 0	1	142 0 0	1,182 9 8													
162		Podili		1	377 7 0	..	1	..	532 8 0	1	144 0 0	1,053 15 0													
163		Rapur		1	178 10 8	..	1	..	421 6 0	1	144 0 0	744 0 8													
164		Udayagiri		1	214 15 0	..	2	..	711 1 0	1	144 0 0	1,070 0 0													
164	Venkatagiri		1	215 5 4	..	2	..	732 12 10	1	144 0 0	1,092 2 2														
Total of district				12	8,758 1 8	2	20	..	7,875 5 6	12	1,720 13 0	18,864 4 2													
165	The Nilgiris		1	370 4 4	3	1	..	1,735 4 0	1	168 0 0	2,273 8 4														
Total of district				1	370 4 4	3	1	..	1,735 4 0	1	168 0 0	2,273 8 4													
166	Tamilnad.	Aruppukottai		1	578 5 4	2	1	..	1,314 4 0	1	144 0 0	2,036 9 4													
167		Mudukalattur		1	260 0 0	..	2	..	834 9 0	1	144 0 0	1,238 9 0													
168		Ramnad		1	503 0 8	2	..	1,111 10 0	1	144 0 0	1,758 10 8														
169		Sattur		1	250 10 8	1	1	1	1,232 13 2	1	143 15 0	1,827 7 8													
170		Sivaganga		1	501 6 4	1	1	1	1,227 7 6	1	144 0 0	1,872 13 10													
171		Srivilliputtur		1	264 5 4	..	1	1	864 5 7	1	91 6 0	1,220 0 11													
172		Tiruppattur		1	383 8 4	1	1	1	1,031 4 9	1	143 10 0	1,558 7 1													
173		Tiruvadanai		1	265 6 8	1	2	..	1,223 2 5	1	145 3 0	1,633 12 1													
Total of district				8	3,061 11 4	8	9	5	8,830 8 5	8	1,100 2 10	12,946 6 7													
174	Salern.	Atur		1	240 0 0	..	2	..	528 0 0	1	144 0 0	912 0 0													
175		Dharmapuri		1	287 5 4	..	1	2	997 14 8	1	155 8 0	1,440 12 0													
176		Harur		1	258 2 4	..	2	..	498 3 1	1	144 0 0	900 5 5													
177		Hosur		1	484 7 0	..	3	..	729 1 9	1	168 0 0	1,381 8 9													
178		Krishnagiri		1	278 14 4	..	3	..	888 6 0	1	144 0 0	1,291 4 4													
179		Namakkal		1	386 5 4	..	2	..	1,042 2 0	1	144 0 0	1,592 7 4													
180		Omalur		1	376 8 8	..	1	1	879 6 0	1	144 0 0	1,399 14 8													
181	Rasipuram		1	425 11 4	1	..	2	656 3 0	1	144 0 0	1,225 14 4														
182	Salem		1	347 3 7	..	2	..	814 0 0	1	144 0 0	1,404 3 7														
183	Sankari		1	357 0 0	1	..	2	805 6 0	1	144 0 0	1,308 6 0														
Total of district				10	3,441 9 11	2	4	18	7,037 10 6	10	1,475 8 0	12,854 12 5													
184	South Kanara.	Coondapur		1	285 0 0	..	2	..	786 2 8	1	144 0 0	1,215 2 0													
185		Karkal		1	347 5 4	..	1	1	572 0 0	1	144 0 0	1,063 5 4													
186		Kasaragod		1	256 6 8	..	1	2	1,140 15 0	1	140 8 0	1,537 13 8													
187		Mangalore		1	407 5 4	1	1	1	1,147 5 10	1	154 1 0	1,708 12 2													

* Local Fund.

DEPARTMENT—cont.

in the Madras Presidency for the official year 1294-25—cont.

Travelling allowance.	Contingen- cies.	Total cost.	Paid from				Total.	Number of all successful primary vaccination and revaccination.	Average cost of each successful case.
			Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
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.
499 9 6	107 14 0	1,611 3 6	...	612 14 6	998 5 0	...	1,611 3 6	7,314	0 3 6
498 13 4	69 13 4	1,761 3 4	...	683 5 4	1,077 14 0	...	1,761 3 4	5,879	0 4 9
593 1 4	108 11 4	1,919 1 8	...	729 12 8	1,189 5 0	...	1,919 1 8	7,089	0 3 10
782 7 0	160 15 8	2,297 1 8	...	723 11 8	1,573 6 0	...	2,297 1 8	11,441	0 3 1
661 1 8	119 10 7	1,877 11 3	...	727 5 0	1,150 6 3	...	1,877 11 3	8,140	0 3 8
592 7 8	226 13 8	1,853 0 0	...	704 0 0	1,149 0 0	...	1,853 0 0	6,948	0 4 3
573 6 8	219 0 6	2,010 12 2	...	795 7 8	1,215 4 6	...	2,010 12 2	7,523	0 4 3
593 8 0	98 1 0	2,508 14 4	...	1,287 6 4	1,271 8 0	...	2,508 14 4	8,270	0 4 10
575 7 0	202 0 8	1,955 11 4	...	750 15 4	1,204 12 0	...	1,955 11 4	6,747	0 4 7
635 0 8	99 6 1	1,862 12 9	...	603 0 6	1,259 12 3	...	1,862 12 9	7,392	0 4 0
659 12 0	54 10 4	1,816 2 4	...	786 2 4	1,030 0 0	...	1,816 2 4	6,778	0 4 3
707 3 6	157 11 4	2,519 13 0	...	882 3 0	1,637 10 0	...	2,519 13 0	9,099	0 4 5
805 8 4	135 4 2	2,668 12 6	...	959 9 6	1,709 3 0	...	2,668 12 6	8,089	0 5 3
654 3 4	69 7 8	1,831 5 2	...	736 1 2	1,125 4 0	...	1,831 5 2	6,179	0 4 10
931 3 9	127 5 7	2,948 6 4	...	979 1 5	1,669 4 11	...	2,948 6 4	4,206	0 11 3
35 0 0	41 0 0	1,312 0 0	...	...	1,312 0 0	...	1,312 0 0	...	...
9,787 13 9	1,997 14 3	32,783 15 4	...	11,911 0 5	20,872 14 11	...	32,783 15 4	112,544	0 4 8
356 6 3	95 6 2	1,673 7 5	...	771 7 2	907 0 3	...	1,673 7 5	3,554	0 7 6
234 3 2	46 14 3	859 4 6	...	...	859 4 6	...	859 4 6	2,607	0 5 3
440 15 10	133 13 3	1,813 3 5	...	600 15 7	1,212 8 10	...	1,813 3 5	3,617	0 8 0
505 5 8	86 4 11	1,982 5 11	...	607 14 11	1,374 7 0	...	1,982 5 11	5,916	0 5 4
376 12 4	55 14 5	1,591 8 1	...	665 10 1	925 14 0	...	1,591 8 1	4,269	0 5 11
449 0 5	119 0 11	1,840 14 5	...	754 8 10	1,086 5 7	...	1,840 14 5	4,264	0 6 11
488 10 10	69 5 3	1,908 14 7	...	710 13 6	1,198 1 1	...	1,908 14 7	3,920	0 7 9
430 15 8	25 7 3	1,639 0 7	...	727 4 7	911 12 0	...	1,639 0 7	4,411	0 5 11
286 12 0	29 0 5	1,369 11 5	...	695 3 6	674 8 0	...	1,369 11 5	2,540	0 8 8
298 14 4	13 15 2	1,053 14 2	...	462 5 2	594 9 0	...	1,056 14 2	2,182	0 7 9
392 2 3	60 1 9	1,522 4 0	...	484 13 9	1,037 6 3	...	1,522 4 0	2,791	0 8 9
417 1 4	25 4 10	1,534 8 4	...	534 8 6	999 15 10	...	1,534 8 4	4,498	0 5 6
4,077 4 1	780 8 7	18,792 0 10	...	7,015 9 6	11,776 7 4	...	18,792 0 10	44,569	0 6 9
686 13 8	545 5 2	3,505 11 2	...	983 15 2	2,521 12 0	...	3,505 11 2	6,784	0 8 3
686 13 8	545 5 2	3,505 11 2	...	983 15 2	2,521 12 0	...	3,505 11 2	6,784	0 8 3
667 15 4	48 13 2	2,753 5 10	...	904 2 10	1,849 3 0	...	2,753 5 10	5,800	0 7 7
499 15 0	62 3 4	1,800 11 4	...	621 11 4	1,179 0 0	...	1,800 11 4	7,613	0 3 0
762 0 4	46 8 9	2,566 14 9	...	899 15 0	1,666 15 0	...	2,566 14 9	5,815	0 7 1
539 2 9	52 5 2	2,218 15 7	...	574 14 6	1,644 1 1	...	2,218 15 7	6,126	0 5 9
753 0 1	51 9 0	2,677 6 11	...	913 12 4	1,763 10 7	...	2,677 6 11	5,181	0 8 1
423 5 0	41 8 4	1,683 14 3	...	561 8 8	1,128 5 7	...	1,689 14 3	5,223	0 5 2
650 9 10	40 9 0	2,249 9 11	...	764 13 0	1,484 12 11	...	2,249 9 11	4,425	0 8 2
738 12 4	63 15 0	2,436 7 5	...	606 7 4	1,830 0 1	...	2,436 7 5	5,030	0 7 9
5,039 12 8	407 2 9	18,398 6 0	...	5,847 5 9	12,546 0 3	...	18,398 6 0	45,312	0 6 6
351 14 4	71 8 8	1,335 7 0	...	525 5 0	810 2 0	...	1,335 7 0	5,367	0 3 11
520 15 0	105 9 0	2,067 4 0	...	656 3 0	1,411 1 0	...	2,067 4 0	7,436	0 4 5
375 6 9	128 5 1	1,404 1 3	...	595 10 0	808 7 3	...	1,404 1 3	5,172	0 4 8
501 1 3	98 2 0	1,960 12 0	...	854 15 10	1,125 12 2	...	1,960 12 0	5,607	0 5 8
522 15 0	80 4 4	1,894 7 8	...	642 15 0	1,251 8 8	...	1,894 7 8	7,315	0 4 2
882 14 0	330 14 4	2,806 3 8	...	824 1 8	1,982 2 0	...	2,806 3 8	7,758	0 5 9
572 0 0	70 2 8	2,042 1 4	...	707 9 10	1,334 7 6	...	2,042 1 4	7,442	0 4 4
463 12 4	38 2 8	1,727 13 2	...	719 15 2	1,007 14 0	...	1,727 13 2	5,828	0 4 9
371 5 6	123 4 0	1,898 13 1	...	660 12 1	1,228 1 0	...	1,898 13 1	7,476	0 4 1
637 5 0	113 14 0	2,057 9 0	...	697 11 0	1,350 14 0	...	2,057 9 0	8,884	0 3 8
5,199 9 2	1,160 2 7	19,214 8 2	...	6,885 2 7	12,329 5 7	...	19,214 8 2	68,265	0 4 6
465 3 1	85 5 10	1,765 11 8	...	682 3 5	1,033 8 3	...	1,765 11 8	6,479	0 4 4
570 15 0	87 13 2	1,722 1 6	...	724 11 11	997 5 7	...	1,722 1 6	4,537	0 5 7
635 14 8	136 8 5	2,310 4 9	...	669 8 9	1,640 12 0	...	2,310 4 9	8,525	0 4 4
663 6 1	244 5 6	2,618 7 9	...	878 4 0	1,735 3 9	...	2,618 7 9	8,941	0 4 8

A.—VACCINE

Statement No. II showing the Cost of the Department

Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination).	Pay.	Expenditure.								
					Health Inspectors.		Vaccinators.			Peons, etc.			
					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
				RS. A. P.		RS. A. P.				RS. A. P.		RS. A. P.	RS. A. P.
188	Puttur ...	...	...	...	1	498 5 4	...	2	...	961 0 2	1	144 0 0	1,603 5 6
189	Udipi ...	...	...	...	1	287 5 4	1	1	1	1,120 11 11	1	144 0 0	1,552 1 8
190	Uppinangadi ...	...	...	...	1	424 14 4	...	2	1	695 2 6	1	183 10 0	1,303 10 10
	Total of district ...				7	2,506 10 4	2	16	6	6,423 6 2	7	1,054 3 0	9,984 3 6
191	Arantangi ...	...	...	...	1	287 5 4	...	2	...	690 0 0	1	144 0 0	1,121 5 4
192	Kumbakonam ...	...	...	...	1	182 0 0	1	1	...	930 0 0	1	144 0 0	1,286 0 0
193	Mannargudi ...	...	...	...	1	539 8 0	...	2	...	804 5 0	1	142 13 0	1,486 10 0
193	Muyavaram, East ...	...	...	...	1	243 0 8	...	1	...	545 0 0	1	144 0 0	932 0 8
193	Muyavaram, West ...	...	...	...	1	407 5 4	1	...	...	612 0 0	1	144 0 0	1,163 5 4
194	Nannilam, North ...	...	...	...	1	480 0 0	...	1	...	229 5 0	1	144 0 0	553 5 0
195	Nannilam, South ...	...	...	...	1	287 5 4	1	...	...	482 8 0	1	144 0 0	913 13 4
196	Negapatam ...	...	...	...	1	159 2 8	...	1	...	433 1 0	1	144 0 0	736 3 8
196	Papanasam ...	...	...	...	1	407 5 4	1	1	...	946 7 11	1	152 0 0	1,505 13 3
197	Pattukkottai ...	...	...	...	1	330 10 8	...	2	...	977 0 0	1	160 0 0	1,467 10 8
198	Sathyali ...	...	...	...	1	305 10 8	...	2	...	590 11 0	1	144 0 0	1,040 5 8
199	Tanjore, North ...	...	...	...	1	407 5 4	1	1	...	854 0 0	1	148 0 0	1,409 5 4
199	Tanjore, South ...	...	...	...	1	249 1 8	...	2	...	714 4 2	1	129 13 0	1,093 2 10
...	Tirutturaippandi ...	...	...	...	1	253 15 0	1	1	...	856 8 0	1	144 0 0	1,254 2 0
...	Dr. Bd. Reserve Vaccinators.	...	...	...	...	...	...	2	...	765 6 2	...	...	765 6 2
	Total of district ...				14	4,539 12 0	6	19	...	10,460 8 3	14	2,028 10 0	17,028 9 3
200	Ambasamudram ...	...	...	...	1	393 13 4	1	1	...	912 12 11	1	156 0 0	1,462 10 3
201	Kovilpatti ...	...	...	...	1	384 6 0	1	1	...	961 6 0	1	144 0 0	1,439 12 0
202	Nanganeri ...	...	...	...	1	330 10 8	1	...	...	735 4 0	1	136 10 0	1,202 8 8
203	Sankarankoyil ...	...	...	...	1	384 15 4	1	2	...	1,439 11 10	1	144 0 0	1,968 11 2
204	Srinikuntam ...	...	...	...	1	422 4 0	1	1	...	875 13 7	1	144 0 0	1,442 1 7
205	Tenkasi ...	...	...	...	1	287 5 0	1	1	1	1,094 8 1	1	144 0 0	1,525 13 5
206	Tinnevely ...	...	...	...	1	329 8 9	1	...	...	727 0 4	1	144 0 0	1,200 9 1
207	Tiruchendur ...	...	...	...	1	287 5 4	1	1	...	1,114 1 0	1	144 0 0	1,545 6 4
208	Vilattikulam ...	...	...	...	1	290 0 0	...	1	1	849 1 0	1	120 0 0	1,259 1 0
	Total of district ...				9	3,110 4 9	8	8	3	8,709 10 9	9	1,276 10 0	13,096 9 6
209	Ariyalur ...	...	...	...	1	434 4 0	1	...	1	1,050 4 0	1	136 0 0	1,620 8 0
210	Jayakondam ...	...	...	...	1	330 7 8	...	1	1	1,120 15 0	1	137 7 0	1,588 13 8
211	Karur ...	...	...	...	1	348 10 2	1	...	1	953 4 0	1	144 0 0	1,445 14 2
212	Kulittalai ...	...	...	...	1	287 0 0	1	...	1	1,050 6 0	1	144 0 0	1,471 6 0
213	Lalgudi ...	...	...	...	1	288 0 0	...	2	...	1,045 2 6	1	138 15 0	1,472 1 6
214	Manappalai ...	...	...	...	1	287 5 4	...	1	1	938 14 0	1	140 13 0	1,367 0 4
215	Musiri ...	...	...	...	1	538 1 0	1	1	...	1,008 0 0	1	144 0 0	1,688 1 0
216	Perambalur ...	...	...	...	1	287 5 4	...	2	...	991 6 0	1	144 0 0	1,422 1 4
217	Trichinopoly ...	...	...	...	1	467 10 8	1	...	...	617 8 0	1	129 0 0	1,214 2 8
218	Turaiyur ...	...	...	...	1	287 5 4	...	2	...	812 0 0	1	135 10 0	1,234 16 4
	Total of district ...				10	3,554 1 6	5	7	7	9,587 11 6	10	1,393 13 0	14,535 10 0
219	Anakapalle ...	...	...	...	1	323 10 8	1	...	...	436 4 10	1	144 0 0	930 15 6
220	Bobbili ...	...	...	...	1	438 2 7	...	...	1	187 13 10	1	144 0 0	765 0 5
221	Bimlipatam ...	...	...	...	1	224 8 3	1	...	...	165 4 3	1	125 5 8	515 2 0
221	Chipurupalle ...	...	...	...	1	542 3 4	1	1	...	717 9 9	1	144 0 0	1,063 13 1
221	Chodavaram ...	...	...	...	1	180 0 0	...	1	1	475 " 0	1	96 0 0	751 0 0
222	Gajapatinagaram ...	...	...	...	1	287 5 4	...	2	...	728 0 0	1	144 0 0	1,159 5 4
223	Narasapatam ...	...	...	...	1	287 5 4	1	1	...	503 5 0	1	144 0 0	834 10 4
224	Palkonda ...	...	...	...	1	280 0 0	1	1	...	488 0 0	1	138 0 0	858 0 0
224	Purvattipuram ...	...	...	...	1	237 12 4	1	1	...	357 6 0	1	144 0 0	739 2 4
225	Razam ...	...	...	...	1	282 4 4	...	2	...	644 5 6	1	141 5 0	1,067 14 10
226	Silor ...	...	...	...	1	284 5 4	...	1	...	227 5 0	1	144 0 0	655 10 4
226	Srungavarapukota ...	...	...	...	1	229 5 4	...	1	...	291 " 0	1	98 0 0	616 6 4
227	Vizagapatam ...	...	...	...	1	344 12 5	...	1	1	353 12 10	1	144 0 0	842 9 3
228	Vizianagram ...	...	...	...	1	383 10 8	...	2	...	799 2 0	1	149 10 0	1,332 6 8
229	Yellamanchilli ...	...	...	...	1	386 7 4	...	2	...	507 8 0	1	144 0 0	1,037 10 4
	Total of district ...				15	4,708 13 3	6	16	4	6,858 9 0	15	2,042 4 6	13,607 10 9
	Grand total of districts ...				241	83,374 1 9	113	300	138	2,12,650 6 1	241	34,781 0 2	3,30,705 8 0

* Local fund.

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25—cont.

Travelling allowance.	Contingencies.	Total cost.	Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
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.
470 3 0	207 10 11	2,281 3 5	...	931 2 7	1,350 0 10	...	2,281 3 5	5,931	0 6 2
358 7 0	184 13 2	2,395 5 5	...	717 8 6	1,677 12 11	...	2,395 5 5	9,293	0 4 1
478 15 8	236 0 2	2,018 10 8	...	875 12 4	1,142 14 4	...	2,018 10 8	4,421	0 7 4
3,940 0 6	1,182 9 2	15,106 13 2	...	5,479 3 6	9,627 9 8	...	15,106 13 2	48,527	0 5 0
172 12 4	77 9 7	1,371 11 3	...	301 10 9	1,070 0 6	...	1,371 11 3	3,386	0 6 6
167 10 0	55 14 0	1,509 8 0	...	...	1,509 8 0	...	1,509 8 0	4,067	0 4 10
199 0 8	07 9 2	1,783 3 10	...	559 3 10	1,224 0 0	...	1,783 3 10	5,056	0 5 8
123 15 0	46 4 0	1,102 3 8	...	...	1,102 3 8	...	1,102 3 8	4,879	0 3 7
175 12 8	58 14 6	1,396 0 6	...	581 11 6	814 5 0	...	1,396 0 6	4,744	0 4 9
122 2 4	21 14 6	597 5 10	...	678 0 10	319 5 0	...	597 5 10	3,151	0 5 1
174 5 0	44 2 10	1,132 5 2	...	627 7 8	504 13 6	...	1,132 5 2	3,122	0 5 10
182 0 0	88 8 0	1,006 11 8	...	...	1,006 11 8	...	1,006 11 8	4,041	0 4 0
194 7 4	72 1 2	1,772 5 9	...	696 11 10	1,075 9 11	...	1,772 5 9	8,490	0 4 4
158 12 0	66 10 10	1,693 1 6	...	674 13 0	1,018 4 6	...	1,693 1 6	6,706	0 4 0
159 3 10	47 5 2	1,216 14 8	...	621 6 2	825 8 6	...	1,216 14 8	4,918	0 4 1
152 8 0	80 13 6	1,642 10 10	...	734 7 10	908 3 0	...	1,642 10 10	5,151	0 5 1
154 9 4	50 4 2	1,298 0 4	...	...	1,298 0 4	...	1,298 0 4	4,996	0 4 2
154 13 0	60 5 0	1,469 4 0	...	...	1,469 4 0	...	1,469 4 0	7,005	0 3 4
238 1 10	42 13 6	1,046 5 6	...	...	1,046 5 6	...	1,046 5 6	...	...
2,530 1 4	909 1 11	20,467 12 6	...	5,475 9 5	14,992 3 1	...	20,467 12 6	68,717	0 4 9
487 5 7	142 12 5	2,092 12 3	...	755 5 9	1,337 6 6	...	2,092 12 3	6,438	0 5 2
613 2 11	91 0 1	2,193 15 0	...	809 15 9	1,383 15 3	...	2,193 15 0	5,367	0 6 6
481 4 3	86 6 3	1,770 3 2	...	608 5 5	1,161 13 9	...	1,770 3 2	7,863	0 3 7
752 6 6	135 1 11	2,856 3 7	...	788 15 1	2,067 4 6	...	2,856 3 7	11,104	0 4 1
388 9 4	63 12 11	1,894 7 10	...	767 15 7	1,126 8 3	...	1,894 7 10	6,312	0 4 9
558 4 2	68 8 10	2,152 10 5	...	631 6 11	1,521 3 6	...	2,152 10 5	9,404	0 3 8
451 5 1	51 8 7	1,703 6 9	...	708 3 0	995 3 9	...	1,703 6 9	3,947	0 6 11
439 1 8	125 8 3	2,110 0 3	...	741 5 3	1,368 11 0	...	2,110 0 3	6,459	0 5 3
569 5 0	138 1 6	1,966 7 6	...	691 15 0	1,274 8 6	...	1,966 7 6	6,430	0 4 10
4,740 12 6	802 12 9	18,740 2 9	...	6,503 7 9	12,236 11 0	...	18,740 2 9	63,315	0 4 8
548 12 0	108 15 10	2,278 3 10	...	800 1 9	1,478 2 1	...	2,278 3 10	5,671	0 6 5
509 15 8	145 11 11	2,244 9 3	...	640 2 1	1,604 7 2	...	2,244 9 3	6,130	0 5 10
650 9 10	191 6 3	2,187 14 3	...	688 0 8	1,499 13 7	...	2,187 14 3	7,514	0 4 8
523 8 8	109 9 3	2,114 7 11	...	615 8 2	1,498 15 9	...	2,114 7 11	6,143	0 5 8
489 12 0	102 3 10	2,064 1 4	...	593 14 4	1,470 3 0	...	2,064 1 4	6,627	0 5 6
492 7 4	93 8 2	1,952 15 10	...	643 7 7	1,309 8 3	...	1,952 15 10	5,408	0 5 9
502 0 0	70 4 2	2,260 5 2	...	925 2 2	1,335 3 0	...	2,260 5 2	5,218	0 6 11
506 4 0	179 12 3	2,108 11 7	...	620 12 8	1,487 14 11	...	2,108 11 7	7,697	0 4 9
279 12 4	113 3 9	1,607 2 9	...	746 6 1	860 12 8	...	1,607 2 9	5,195	0 4 11
526 12 8	39 0 8	1,800 12 8	...	618 15 8	1,181 13 0	...	1,800 12 8	6,705	0 4 3
4,929 14 6	1,153 12 1	20,619 4 7	...	6,892 7 2	13,725 13 5	...	20,619 4 7	61,708	0 5 4
339 15 6	104 4 0	1,375 3 0	...	625 9 4	749 9 8	...	1,375 3 0	3,630	0 6 1
261 9 10	37 15 0	1,064 9 3	...	756 6 9	308 2 6	...	1,064 9 3	2,965	0 5 9
174 3 0	31 1 4	720 6 4	...	...	720 6 4	...	720 6 4	2,855	0 4 0
398 8 3	77 11 8	1,880 1 0	...	881 6 0	998 11 0	...	1,880 1 0	6,087	0 4 11
593 3 8	6 0 0	1,350 3 8	...	...	1,350 3 8	...	1,350 3 8	6,520	0 3 4
413 10 0	39 6 4	1,612 5 8	...	614 2 8	993 3 0	...	1,612 5 8	7,348	0 3 6
409 6 8	62 1 6	1,406 2 6	...	601 6 6	804 12 0	...	1,406 2 6	4,802	0 4 11
302 3 0	28 6 6	1,186 9 6	...	581 10 6	624 15 0	...	1,186 9 6	4,804	0 3 11
254 9 4	23 0 4	1,016 12 0	...	535 8 0	481 4 0	...	1,016 12 0	3,161	0 5 2
405 2 2	29 1 5	1,502 2 5	...	600 11 5	901 7 0	...	1,502 2 5	5,162	0 4 8
222 15 4	107 3 4	985 13 0	...	563 9 0	422 4 0	...	985 13 0	4,974	0 3 2
373 12 5	17 14 11	1,008 1 8	...	...	1,008 1 8	...	1,008 1 8	4,281	0 3 4
408 2 4	...	1,250 11 7	...	9 1 9	1,241 9 10	...	1,250 11 7	4,086	0 4 11
390 9 4	41 14 10	1,764 14 10	...	701 4 8	1,063 10 2	...	1,764 14 10	6,077	0 4 8
522 9 4	48 7 6	1,608 11 2	...	704 10 2	904 1 0	...	1,608 11 2	7,252	0 3 7
5,470 8 2	654 8 8	19,732 11 7	...	7,155 6 9	12,577 4 10	...	19,732 11 7	73,897	0 4 8
1,18,490 2 3	24,349 0 6	4,74,544 10 9	...	1,70,709 6 6	3,03,835 4 3	...	4,74,544 10 9	1,359,918	0 5 7

A.—VACCINE

Statement No. II showing the Cost of the Department

Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination).	Expenditure.									
				Pay.	Health Inspectors.		Vaccinators.				Peons, etc.		
					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
				RS. A. P.		RS. A. P.				RS. A. P.		RS. A. P.	RS. A. P.
1		Adoni ...		...	...	...	1	...	...	634 7 9	...	...	634 7 9
2		Anskapalle ...		...	...	...	...	1	...	404 4 0	...	...	404 4 0
3		Anantapur ...		...	...	...	...	1	...	294 6 7	...	...	294 6 7
4		Bellary ...		...	...	...	1	2	...	1,080 0 0	...	...	1,080 0 0
5		Berhampur ...		...	...	...	1	...	...	368 2 0	...	...	368 2 0
6		Bezawada ...		...	...	...	...	2	...	550 7 10	1	115 0 0	665 7 10
7		Bimlipatam ...		...	...	...	...	1	...	264 0 0	...	...	264 0 0
8		Bodinayakanur ...		...	...	...	...	1	...	324 12 0	...	...	324 12 0
9		Calicut ...		...	...	...	1	1	1	647 0 0	...	...	647 0 0
10		Cannanore ...		...	...	...	...	1	...	260 0 0	...	...	260 0 0
11		Chicacole ...		...	...	...	1	...	...	505 0 0	...	...	505 0 0
12		Chidambaram ...		...	...	...	...	1	...	255 0 0	...	...	255 0 0
13		Chingleput ...		...	...	...	...	1	...	386 9 8	...	...	386 9 8
14		Chirala ...		...	...	...	...	1	...	345 0 0	...	...	345 0 0
15		Chittoor ...		...	...	...	...	1	...	389 0 0	...	...	389 0 0
16		Cocanada ...		...	...	...	1	1	1	797 9 4	...	...	797 9 4
17		Cochin ...		...	...	...	...	2	...	792 0 0	...	...	792 0 0
18		Coimbatore ...		...	...	...	1	3	2	1,641 2 1	...	...	1,641 2 0
19		Conjeeveram ...		...	...	...	1	1	...	847 14 9	...	...	847 14 9
20		Coonoor ...		...	...	...	...	1	...	480 0 0	...	...	480 0 0
21		Cuddalore ...		...	...	...	1	1	...	610 13 2	...	...	610 13 2
22		Cuddapah ...		...	...	...	...	1	1	322 5 9	...	...	322 5 9
23		Dhārūpuram ...		...	...	...	...	1	...	240 0 0	...	...	240 0 0
24		Dindigul ...		...	...	...	...	1	...	444 15 5	1	144 0 0	588 15 5
25		Elore ...		...	...	...	1	1	...	701 4 0	1	177 0 0	878 4 0
26		Erode ...		...	...	...	...	1	...	476 4 0	...	...	476 4 0
27		Gudiyāttam ...		...	...	...	...	1	...	164 6 8	...	...	164 6 8
28		Guntūr ...		...	...	...	...	1	...	556 3 6	1	150 0 0	706 3 6
29		Hindupur ...		...	...	...	...	1	1	215 14 2	...	...	215 14 2
30		Hospet ...		...	...	...	...	1	...	353 0 0	...	...	353 0 0
31		Karūr ...		...	...	...	...	1	...	328 6 2	...	...	328 6 2
32		Kodaikānal ...		...	...	...	...	1	...	154 13 4	...	...	154 13 4
33		Kumbakonam ...		...	...	...	1	2	...	824 2 0	...	...	824 2 0
34		Kurnool ...		...	...	...	1	...	...	575 9 0	...	...	575 9 0
35		Madras ...		...	...	18,442 8 1	3	31	2	15,178 0 5	24	5,659 2 1	37,279 10 7
				* 15 up to Oct. 1924 and 12 from Oct. to Mar. 1925.			(Special Vaccinators.)	(Assistant Vaccinators.)	(Female Vaccinators.)				
36		Madura ...		...	...	...	...	11	...	2,231 2 0	...	...	2,231 2 0
37		Mangalore ...		...	...	...	1	1	...	985 13 10	1	167 0 0	1,152 13 10
38		Mannārgudi ...		...	...	...	...	1	...	343 0 1	...	...	343 0 1
39		Masalipatam ...		...	...	...	1	1	1	951 14 0	...	...	951 14 0
40		Māyavaram ...		...	...	...	1	...	...	420 0 0	...	...	420 0 0
41		Nandyāl ...		...	...	...	1	...	...	525 15 1	...	...	525 15 1
42		Narasaraopet ...		...	...	...	...	1	...	258 9 0	...	...	258 9 0
43		Nogaapatam ...		...	...	...	...	3	...	668 8 0	...	...	668 8 0
44		Nellore ...		...	...	...	...	1	...	348 0 0	1	132 0 0	480 0 0
45		Ongole ...		...	...	...	...	1	...	413 5 7	...	...	413 5 7
46		Ootacamund ...		...	...	...	1	1	...	518 10 0	...	...	518 10 0

* Medical Registrar Vaccinators.

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25—cont.

Travelling allowance.	Contingencies.	Total cost.	Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
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.
...	8 8 0	642 15 9	...	...	...	642 15 9	642 15 9	1,164	0 8 10
...	49 8 0	453 12 0	...	...	...	453 12 0	453 12 0	928	0 7 5
...	50 2 5	344 9 0	...	...	...	344 9 0	344 9 0	569	0 9 8
...	42 0 0	1,122 0 0	...	...	...	1,122 0 0	1,122 0 0	1,478	0 12 2
...	10 9 0	378 11 0	...	...	...	378 11 0	378 11 0	995	0 6 1
...	118 7 8	781 15 6	...	...	...	781 15 6	781 15 6	2,049	0 8 1
...	15 8 0	279 8 0	...	...	...	279 8 0	279 8 0	442	0 10 1
...	21 4 4	346 0 4	...	...	...	346 0 4	346 0 4	992	0 5 7
...	116 15 0	763 15 0	...	...	...	763 15 0	763 15 0	7,039	0 1 8
...	22 0 6	282 0 6	...	...	...	282 0 6	282 0 6	1,680	0 2 8
...	66 0 8	571 0 8	...	...	...	571 0 8	571 0 8	743	6 12 3
...	24 15 6	279 15 6	...	...	...	279 15 6	279 15 6	502	0 8 11
...	18 6 7	405 0 3	...	...	...	405 0 3	405 0 3	689	0 9 5
...	35 14 0	380 14 0	...	...	...	380 14 0	380 14 0	492	0 12 5
60 0 0	62 1 6	511 1 6	...	...	...	511 1 6	511 1 6	687	0 11 11
...	52 3 0	849 12 4	...	...	...	849 12 4	849 12 4	3,283	0 4 2
...	...	792 0 0	...	...	...	792 0 0	792 0 0	785	0 15 11
...	75 13 0	1,716 15 0	...	...	...	1,716 15 0	1,716 15 0	2,955	0 9 4
...	167 5 4	955 4 1	...	...	...	955 4 1	955 4 1	1,888	0 8 2
...	37 9 0	517 9 0	...	...	...	517 9 0	517 9 0	584	0 14 1
...	55 6 0	666 3 2	...	...	...	666 3 2	666 3 2	2,012	0 5 4
...	58 0 0	380 5 9	...	...	...	380 5 9	380 5 9	953	0 6 5
...	...	240 0 0	...	...	...	240 0 0	240 0 0	450	0 8 6
...	21 1 0	580 0 5	...	...	...	580 0 5	580 0 5	1,093	0 8 6
...	9 10 0	887 14 0	...	...	...	887 14 0	887 14 0	1,990	0 7 2
...	28 13 8	505 1 8	...	...	...	505 1 8	505 1 8	717	0 11 8
...	21 12 11	186 3 5	...	...	...	186 3 5	186 3 5	778	0 3 10
...	96 7 0	842 10 6	...	...	...	842 10 6	842 10 6	3,986	0 3 5
...	30 6 6	246 4 8	...	...	...	246 4 8	246 4 8	638	0 6 2
...	49 0 6	402 0 6	...	...	...	402 0 6	402 0 6	903	0 7 1
...	50 14 0	379 4 2	...	...	...	379 4 2	379 4 2	590	0 10 3
...	28 8 0	183 5 4	...	...	...	183 5 4	183 5 4	195	0 15 1
...	46 14 0	871 0 0	...	...	...	871 0 0	871 0 0	2,315	0 6 0
...	17 4 6	592 13 6	...	...	...	592 13 6	592 13 6	1,278	0 7 5
...	7,529 1 2	44,808 11 9	...	...	...	44,808 11 9	42,404 5 11	43,970	0 10 1
...	672 2 0	2,903 4 0	...	...	...	2,903 4 0	2,903 4 0	17,756	0 2 7
...	67 0 0	1,219 13 10	...	...	...	1,219 13 10	1,219 13 10	3,172	0 6 2
...	14 14 0	357 14 1	...	...	...	357 14 1	357 14 1	670	0 8 7
...	75 15 6	1,027 13 6	...	...	...	1,027 13 6	1,027 13 6	2,789	0 5 11
57 8 7	22 13 0	500 5 7	...	...	...	500 5 7	500 5 7	993	0 8 1
Cycle allowance.	64 7 10	590 6 11	...	...	...	590 6 11	590 6 11	717	0 13 2
...	9 1 0	267 10 0	...	...	...	267 10 0	267 10 0	778	0 5 6
...	172 8 11	841 0 11	...	...	...	841 0 11	841 0 11	4,106	0 3 3
60 0 0	10 8 0	550 8 0	...	...	...	550 8 0	550 8 0	1,514	0 5 10
Cycle allowance.	32 5 5	445 11 0	...	...	...	445 11 0	445 11 0	2,185	0 3 0
...	118 6 10	637 0 10	...	...	...	637 0 10	637 0 10	1,084	0 9 5

† The cost of registration and vaccination during 1924-25 comes to Rs. 44,808-11-9 and debiting half of this amount to vaccination charges the cost of each successful case is Rs. 0-10-1.

‡ Excludes 215 Penitentiary cases.

A.—VACCINE

Statement No. II showing the Cost of the Department

Number.	Districts.	Circles.	Assistant Director of Public Health (Vaccination).	Expenditure.										
				Pay.	Health Inspectors.		Vaccinators.				Peons, etc.			
					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	
				Rs. A. P.	Rs. A. P.					Rs. A. P.		Rs. A. P.	Rs. A. P.	
47	Municipalities—cont.	Palacole ...	...	...	...	...	...	1	...	402 3 0	...	...	402 3 0
48		Palamcottah ...	...	...	...	...	1	1	...	587 11 6	1	127 8 0	715 3 6
49		Palghat ...	...	...	...	...	1	1	...	798 5 0	...	...	798 5 0
50		Palni ...	...	...	...	...	...	1	...	302 15 3	...	...	302 15 3
51		Parlakimedi ...	...	...	...	...	...	1	...	486 4 11	...	...	486 4 11
52		Peddāpār ...	...	...	...	...	1	...	...	285 0 0	...	...	285 0 0
58		Periyakulam ...	...	...	...	...	1	...	...	363 15 0	...	...	363 15 0
54		Pollaobi ...	...	...	...	...	...	1	...	417 8 6	...	...	417 8 6
55		Proddatūr ...	...	...	...	...	...	1	...	302 8 0	...	...	302 8 0
56		Rajahmundry ...	...	...	...	...	1	1	1	765 6 8	...	...	765 6 8
57		Saidapet ...	...	...	...	...	1	1	...	490 0 0	1	140 0 0	630 0 0
58		Salem ...	...	...	...	...	3	...	...	1,228 14 8	...	...	1,228 14 8
59		Sivakasi ...	...	...	...	...	...	1	...	389 0 0	...	...	389 0 0
60		Srirangam ...	...	...	...	...	1	...	...	360 0 0	...	...	360 0 0
61		Srivillipattūr ...	...	...	...	...	...	1	...	301 0 0	...	...	301 0 0
62		Tadpatri ...	...	...	...	...	...	1	...	360 0 0	...	...	360 0 0
63		Tanjore ...	...	...	...	...	3	...	...	720 0 0	...	...	720 0 0
64		Tellicherry ...	...	...	...	...	...	1	1	377 0 0	1	133 0 0	509 0 0
										Vaccinatrix.				
65		Tenali ...	...	...	...	...	...	1	...	360 0 0	...	...	360 0 0
66		Tinnevely ...	...	...	...	...	1	1	...	635 10 7	1	144 0 0	779 10 7
67		Trichinopoly ...	...	...	...	...	...	4	...	1,235 1 7	...	...	1,235 1 7
68		Tirupati ...	...	...	...	...	1	...	...	431 0 0	...	...	431 0 0
69		Tiruppattūr ...	...	...	...	...	...	1	...	360 0 0	...	...	360 0 0
70		Tiruppār ...	...	...	...	...	...	1	...	512 15 0	...	...	512 15 0
71		Tiruvātar ...	...	...	...	...	1	...	...	240 0 0	...	...	240 0 0
72		Tiruvannāmalai ...	...	...	...	...	1	...	...	466 0 0	...	...	466 0 0
73		Tuticorin ...	...	...	...	...	...	2	...	500 3 5	1	106 9 2	606 12 7
74		Udamalpet ...	...	...	...	...	...	1	...	293 5 4	...	...	293 5 4
75		Vāniyambādi ...	...	...	...	...	...	1	...	360 0 0	...	...	360 0 0
76		Vellore ...	...	...	...	...	...	2	...	591 4 9	...	...	591 4 9
77	Villupuram ...	...	...	...	...	1	...	...	382 8 0	...	...	382 8 0	
78	Virudhunagar ...	...	...	...	...	1	1	...	400 3 0	...	...	400 3 0	
79	Vizagapatam ...	...	...	...	...	1	1	1	727 7 7	1	120 0 0	847 7 7	
80	Vizianagram ...	...	...	...	...	1	1	...	490 0 0	...	...	490 0 0	
81	Walajapet ...	...	...	...	...	1	1	...	360 0 0	...	...	360 0 0	
		Total of Municipalities ...	...	...	...	16,442 8 1	40	118	13	57,241 2 8	36	7,354 3 3	81,037 14 0
	Military Cantonnments.	Bangalore ...	...	...	...	...	1	1	...	660 0 0	...	...	660 0 0
		Secunderabad	1	974 8 0	1	4	1	1,861 13 0	5	621 8 0	3,457 13 0
		Total of Cantonnments ...	...	...	1	974 8 0	2	5	1	2,521 13 0	5	621 8 0	4,117 13 0
		Assistant Directors of Public Health.	2	11,861 2 0	...	...	...	...	...	...	...	...	11,861 2 0
		Grand total ...	2	11,861 2 0	242	1,90,791 1 10	155	423	125	2,72,313 5 9	282	42,756 11 5	4,27,722 5 0	

DEPARTMENT—cont.

in the Madras Presidency for the official year 1924-25—cont.

Travelling allowance.	Contingencies.	Total cost.	Paid from				Total.	Number of all successful primary vaccination and re-vaccination.	Average cost of each successful case.
			Imperial funds.	Provincial funds.	Local funds.	Municipal funds.			
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.
1 8 0	161 1 0	564 12 0	...	...	...	564 12 0	564 12 0	480	1 2 10
...	52 14 0	788 1 6	...	...	...	788 1 6	788 1 6	1,632	0 7 6
...	45 0 0	843 5 0	...	...	...	843 5 0	843 5 0	2,103	0 6 5
...	33 12 0	336 11 3	...	...	...	336 11 3	336 11 3	551	0 9 9
...	93 5 2	529 10 1	...	...	...	529 10 1	529 10 1	1,254	0 6 9
...	28 6 9	313 6 2	...	...	...	313 6 9	313 6 9	715	0 7 0
...	31 3 4	395 2 4	...	...	...	395 2 4	395 2 4	959	0 6 7
50 0 0	35 6 0	502 14 6	...	...	...	502 14 6	502 14 6	304	1 10 6
Cycle allowance.	...	302 8 0	...	...	...	302 8 0	302 8 0	713	0 6 9
...	58 0 9	823 7 5	...	...	...	823 7 5	823 7 5	4,733	0 2 9
...	54 3 6	684 3 6	...	...	...	684 3 6	684 3 6	1,398	0 7 10
...	89 8 3	1,318 6 11	...	...	...	1,318 6 11	1,318 6 11	2,651	0 7 11
...	13 9 6	382 9 6	...	...	...	382 9 6	382 9 6	527	0 11 7
...	35 2 6	395 2 6	...	...	...	395 2 6	395 2 6	916	0 6 11
...	45 4 3	346 4 3	...	...	...	346 4 3	346 4 3	1,484	0 3 9
...	15 11 0	375 11 0	...	...	...	375 11 0	375 11 0	380	0 15 10
...	38 10 6	758 10 6	...	...	...	758 10 6	758 10 6	3,117	0 3 11
...	18 1 0	527 1 0	...	...	...	527 1 0	527 1 0	1,031	0 8 2
...	18 11 0	378 11 0	...	...	...	378 11 0	378 11 0	858	0 7 1
60 0 0	143 11 11	983 6 6	...	...	...	983 6 6	983 6 6	2,552	0 6 2
...	122 11 0	1,357 12 7	...	...	...	1,357 12 7	1,357 12 7	5,952	0 3 8
...	25 7 6	456 7 6	...	...	...	456 7 6	456 7 6	562	0 13 0
...	13 8 8	373 8 8	...	...	...	373 8 8	373 8 8	645	0 9 3
...	47 4 0	560 3 0	...	...	...	560 3 0	560 3 0	739	0 12 1
60 0 0	30 1 0	330 1 0	...	...	...	330 1 0	330 1 0	488	0 10 10
Cycle allowance.	...	478 14 0	...	...	...	478 14 0	478 14 0	904	0 8 6
...	12 14 0	641 15 0	...	...	...	641 15 0	641 15 0	1,644	0 6 3
...	35 2 5	325 10 4	...	...	...	325 10 4	325 10 4	397	0 13 1
...	32 5 0	383 10 8	...	...	...	383 10 8	383 10 8	810	0 7 7
...	23 10 8	654 15 6	...	...	...	654 15 6	654 15 6	1,789	0 5 16
...	63 10 9	383 5 9	...	...	...	383 5 9	383 5 9	627	0 9 9
2 2 6	18 11 3	419 10 1	...	...	...	419 10 1	419 10 1	830	0 8 1
...	19 7 1	967 11 1	...	...	...	967 11 1	967 11 1	3,997	0 3 1
...	120 3 6	535 4 0	...	...	...	535 4 0	535 4 0	1,904	0 4 6
...	45 4 0	399 2 0	...	...	...	399 2 0	399 2 0	327	1 3 6
...	39 2 0	...	...	...	...	...	...	...	...
351 3 1	11,897 10 6	93,286 11 7	...	...	...	93,286 11 7	70,882 5 9	1,69,293	0 6 8
240 0 0	...	900 0 0	900 0 0	...	...	...	900 0 0	803	1 1 11
180 0 0	289 7 11	3,927 4 11	...	...	3,429 1 2	498 3 9	3,927 4 11	5,148	0 12 2
420 0 0	289 7 11	4,827 4 11	900 0 0	...	3,429 1 2	468 3 9	4,827 4 11	5,951	0 13 0
943 15 0	...	12,805 1 0	...	12,805 1 0	...	...	12,805 1 0	...	...
1,21,205 4 4	36,536 2 11	5,85,463 12 3	900 0 0	1,83,514 7 6	3,07,264 5 5	83,784 15 4	5,63,059 6 5	1,535,103	0 5 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 1924-25.

Districts.	Number of dispensaries in each district to which a vaccinator is attached.	Average number of vaccinators attached to dispensaries during the year.	Total number of persons vaccinated.	Average number of persons vaccinated by each vaccinator.	Total number of operations.	Primary vaccination.				Re-vaccination.			Percentage of successful cases in which the results were known.		Percentage of unknown cases to total operations.	
						Successful.			Unknown.	Total number of operations.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.	Primary vaccination.	Re-vaccination.
						Under one year.	Over one and under six years.	Total of all ages.								
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
Ganjām
Godāvāri
Guntūr
Kistna
Kurnool
Madras
Madura (Municipal hospital, Kodaikānal)
Malabar	35	27	...	...	77.1	...	...
Nellore
Nilgiris, the
Rāmnād
Salem
South Kanara
Tanjore
Tinnevely
Trichinopoly
Visagapatam (Local Fund Gosha Hospital, Bobbili)	4	...	2	1	1	2	...	2	1	...	100	50	...	...
Total	4	...	2	1	1	2	...	37	28	...	100	75.7	...	...

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.																							
	1915-1916.		1916-1917.		1917-1918.		1918-1919.		1919-1920.		1920-1921.		1921-1922.		1922-1923.		1923-1924.		1924-1925.					
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.	Total number.	Number successfully vaccinated.			
Government vaccinators ...	18,082	14,283	17,276	13,800	17,765	15,057	18,540	14,155	16,082	14,675	14,625	16,749	11,800	11,997	14,981	20,959	16,852	21,275	19,629					
Local Fund do. ...	1,832,471	1,155,801	1,275,205	1,090,029	1,194,568	989,157	1,101,772	787,222	1,157,793	833,655	1,107,177	651,154	1,057,517	796,007	1,149,068	8,904,474	1,270,438	1,100,187	1,208,044	1,296,152				
Cantonment do. ...	4,854	4,152	3,218	2,950	3,710	3,497	3,185	2,637	4,757	4,012	4,105	3,024	4,354	5,439	5,245	5,859	5,850	4,204	4,275					
Zamindari do. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Municipal do. ...	112,146	106,830	114,172	107,826	121,438	113,852	116,168	105,156	103,659	96,188	105,504	88,536	99,480	90,518	105,203	96,948	113,237	109,620	116,000	115,688				
Dispensaries ...	99	96	148	145	191	189	167	165	131	129	115	113	124	115	152	140	148	143	2	2				
Medical Subordinates ...	1,681	1,464	250	213	197	193	550	312	610	345	680	492	1,764	1,402	1,769	1,232	1,188	842	1,842	1,267				
Total ...	1,466,803	1,282,676	1,410,269	1,214,563	1,337,860	1,191,651	1,300,397	908,670	1,283,026	949,004	1,232,107	753,985	1,179,852	904,256	1,273,628	1,015,020	1,412,024	1,285,914	1,440,887	1,307,313				

Statement No. V showing particulars of vaccination verified by Inspecting Officers in the Madras Presidency during 1924-25.

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.
	Primary vaccination.	Re-vaccination.	By District Medical and Sanitary Officer, District Medical Officers, Civil Surgeons and District Health Officers.		By Health Inspectors.		Primary vaccination.	Re-vaccination.	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.			
Agency districts	56,769	15,261	280	35	12,089	0.4	0.2	92.5	79.2	97.8	54.5	91.2	50.8	91.8	50.8
Anantapur	24,254	14,479	829	241	9,923	1.8	1.8	101.8	68.5	90.7	48.8	93.0	21.3	82.3	24.0
Arco (North)	78,160	12,492	1,181	47	64,304	1.6	0.4	87.9	53.6	97.7	57.4	95.9	32.6	96.1	35.4
Arco (South)	68,252	8,780	80	90	52,123	1.2	1.02	88.9	54.7	95.5	84.4	95.2	40.0	95.9	42.7
Bellary	32,387	6,702	3,572	795	29,764	11.03	11.9	92.02	55.2	93.3	31.9	90.3	29.4	85.2	27.6
Chinglopat	49,898	13,259	526	31	43,212	1.6	0.2	86.6	68.7	99.03	51.6	90.7	47.9	96.9	47.1
Chittoor	39,368	12,600	1,840	410	37,339	4.0	3.2	94.8	70.1	98.4	40.0	97.3	44.0	97.6	43.6
Coimbatore	81,465	17,274	1,175	70	78,107	1.4	0.4	97.1	69.0	95.5	30.0	94.8	26.9	95.3	25.4
Cuddapah	28,733	8,534	974	130	26,889	3.4	1.5	89.6	58.4	90.2	41.5	90.5	35.7	90.9	34.7
Ganjam	61,885	15,429	1,151	76	49,142	1.8	0.5	78.5	66.8	97.6	59.9	91.4	40.8	94.6	42.9
Godavari	52,765	82,330	745	1,461	44,156	1.4	4.5	88.7	55.8	91.4	59.8	94.1	34.8	94.5	38.3
Guntur	65,832	39,528	3,808	2,817	61,828	5.8	7.1	93.9	64.0	95.1	46.4	92.2	51.1	92.2	49.4
Kistna	70,602	23,266	1,419	67	50,208	2.01	0.3	88.8	66.1	97.7	40.3	94.8	35.8	95.5	40.6
Kurnool	32,788	8,360	862	38	33,608	2.4	0.4	102.2	76.4	98.9	38.3	87.8	29.3	88.7	28.2
Madras	18,032	56,923	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura	70,412	26,962	4,257	419	56,049	6.0	1.6	79.6	36.5	93.3	35.5	93.3	35.7	94.3	55.5
Malabar	114,472	34,598	2,171	401	102,637	1.9	1.1	89.1	67.6	99.1	41.9	97.9	50.9	98.9	56.1
Nellore	44,235	11,963	570	60	42,620	1.3	0.6	96.3	65.7	94.4	50.0	93.7	33.6	93.9	37.6
Nilgiris, The	5,386	5,442	107	...	4,531	1.9	...	85.2	70.5	90.7	...	99.7	64.2	98.6	65.9
Ramanad	50,729	6,131	764	74	41,129	1.5	1.2	81.1	66.5	98.1	35.1	92.9	35.4	93.2	38.9
Salem	70,740	11,090	381	460	67,304	0.5	4.1	95.1	73.8	96.8	76.9	94.8	45.8	94.4	44.05
South Kanara	49,990	11,734	4,597	918	40,882	9.2	7.8	81.8	73.1	98.02	77.9	97.9	58.3	97.8	59.1
Tanjore	80,394	9,924	302	194	68,038	0.4	1.9	84.6	61.9	98.7	55.6	95.2	51.8	95.6	50.8
Tinnevely	51,679	12,159	781	28	68,874	1.5	0.2	138.3	71.06	89.9	38.1	91.0	42.1	91.8	43.9
Trichinopoly	67,570	14,769	1,159	444	61,303	1.7	3.0	90.7	62.7	93.9	76.1	95.4	48.1	95.6	54.5
Vizagapatam	79,911	25,185	4,267	24	70,082	5.3	0.1	95.1	49.2	87.6	62.5	91.2	37.0	92.1	40.0
Total	1,436,683	454,867	38,222	9,361	1,287,655	27	270	89.6	54.9	94.6	52.6	94.1	41.9	95.9	44.1

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 1924-25.	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 1925.	Date of extension of compulsory vaccination to municipalities.	Municipalities.	Number of births available for vaccination during the year 1924-25.	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 1925.	Date of extension of compulsory vaccination to municipalities.
Adoni ...	1,132	266	582	1st Dec. 1886	Negapatam ...	1,779	283	965	1st July 1886.
Anakāpalle ...	614	105	317	1st Nov. 1891	Nellore ...	385	175	475	1st Aug. 1886.
Anantapur ...	583	79	270	1st Jan. 1886.	Ongole ...	461	89	142	1st Dec. 1885.
Bellary ...	1,288	190	496	1st Jan. 1891.	Ootacamund ...	746	167	423	1st July 1887.
Borhampur ...	1,048	211	410	15th April 1891.	Palacole ...	368	57	108	1st Sep. 1919.
Bezvada ...	1,726	428	732	1st May 1892.	Palamcottah ...	1,624	449	568	1st May 1886.
Bimlipatam ...	324	57	209	1st Jan. 1894.	Palghat ...	2,594	392	1,751	1st Jan. 1883.
Bōdinayakkanār ...	1,118	243	709	19th Feb. 1916.	Palni ...	662	171	174	1st Dec. 1891.
Calicut ...	1,757	290	1,306	1st Oct. 1891.	Parlakimedi ...	644	48	392	1st Dec. 1890.
Cannanore ...	1,239	179	785	1st June 1891.	Peddapur ...	388	63	138	1st April 1916.
Chicacole ...	399	61	220	1st Dec. 1890.	Periyakulam ...	831	173	576	1st Feb. 1891.
Chidambaram ...	573	136	114	1st July 1887.	Pollachi ...	428	100	206	23rd Feb. 1921.
Chingleput ...	695	185	295	1st April 1897.	Proddatur ...	483	70	195	1st Sep. 1915.
Chirala ...	432	119	155	9th May 1920.	Rajahmundry ...	2,214	515	1,019	1st Jan. 1886.
Chittoor ...	817	129	381	9th Jan. 1917.	Saidapet ...	940	129	478	1st April 1921.
Oceanada ...	1,778	332	715	1st June 1890.	Salem ...	2,755	426	1,419	1st May 1891.
Cochin ...	778	146	415	1st Jan. 1894.	Sivakāsi ...	410	52	302	1st Sep. 1920.
Coimbatore ...	2,408	536	1,081	1st Jan. 1889.	Srirangam ...	489	78	260	1st July 1888.
Cojaveeram ...	2,149	390	1,007	1st Jan. 1891.	Srivilliputtūr ...	1,650	323	878	1st Jan. 1896.
Coonoor ...	427	121	179	1st April 1887.	Tadpatri ...	257	23	102	1st Oct. 1921.
Cuddalore ...	2,113	440	1,262	1st Aug. 1896.	Tanjore ...	2,186	416	988	1st July 1893.
Cuddapah ...	656	155	217	15th July 1888.	Tellicherry ...	1,177	230	543	15th June 1892.
Dhārāpuram ...	438	57	49	1st Feb. 1916.	Tenali ...	849	237	423	1st April 1910.
Dindigul ...	1,230	235	778	16th July 1886.	Timnevelly ...	2,314	702	964	1st July 1896.
Ellore ...	1,486	483	487	1st June 1888.	Trichinopoly ...	4,621	1,029	2,256	1st Aug. 1890.
Erode ...	534	94	253	1st April 1891.	Tirupati ...	589	163	319	1st Mar. 1890.
Gudiyāttam ...	869	158	476	1st June 1889.	Tirupattūr ...	652	104	264	1st July 1891.
Guntūr ...	2,259	456	879	1st Jan. 1914.	Tiruppur ...	400	46	175	1st Apr. 1918.
Hindupur ...	414	79	219	1st May 1920.	Tiruvālūr ...	482	102	210	1st Oct. 1913.
Hospet ...	892	133	465	1st April 1892.	Tiruvannāmalai ...	1,014	171	526	15th Dec. 1897.
Karūr ...	526	115	160	1st Sep. 1900.	Tuticorin ...	1,701	465	720	1st May 1892.
Kodaikānal ...	217	42	68	1st April 1889.	Udamalpet ...	414	106	206	1st Apr. 1918.
Kumbakōnam ...	1,848	444	843	1st Aug. 1889.	Vāniyambādi ...	875	145	509	1st May 1889.
Kurnool ...	780	114	230	1st July 1891.	Vellore ...	1,824	363	947	1st Jan. 1897.
Madras ...	23,538	4,185	10,157	1st June 1884.	Villupuram ...	500	107	236	1st Sep. 1919.
Madura ...	5,904	1,360	3,896	1st Jan. 1890.	Virudunagar ...	941	154	488	1st Sep. 1915.
Mangalore ...	2,222	308	1,431	1st Sep. 1891.	Vizagapatam ...	1,989	373	653	1st Aug. 1890.
Mannārgudi ...	660	108	317	1st Dec. 1890.	Vizianagram ...	1,274	216	734	1st Jan. 1891.
Masulipatam ...	1,652	270	568	1st May 1888.	Walajapet ...	438	74	203	20th May 1892.
Māyavaram ...	932	193	489	1st Oct. 1886.					
Nandyal ...	404	102	205	1st Jan. 1900.					
Narasaraopet ...	398	92	172	1st April 1916.					
					Total ..	111,605	22,707	55,787	

Statement No. VII showing inspection work done by the Health Inspectors during the year 1924-25.

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.	Bhadrachalam ...	1	354	4,550	182	3,843	3,246	84.4	84.5
	Polavaram ...	1	511	7,592	177	6,246	5,486	87.8	82.3
	Ganjām Hill Tracts, North ...	1	840	8,502	142	4,054	4,301	92.4	54.7
	Ganjām Hill Tracts, South ...	1	715	6,340	210	6,650	5,890	88.6	97.2
	Gnupur ...	1	411	11,828	208	9,017	5,752	63.8	76.8
	Hill Madgole ...	1	719	6,467	158	6,026	4,792	79.0	93.2
	Jeypore ...	1	1,028	8,573	247	7,640	6,409	83.9	89.1
	Koraput ...	1	878	11,600	176	11,411	10,600	92.9	98.4
	Nowrangpur ...	1	546	9,737	215	9,130	7,557	82.8	93.8
Anantapur.	Anantapur ...	1	106	4,270	119	3,948	2,889	68.1	92.4
	Dharmavaram ...	1	94	5,370	110	5,792	4,240	73.2	107.8*
	Gooty ...	1	128	5,695	118	5,373	3,763	70.0	94.4
	Hindupur ...	1	73	4,680	127	4,023	3,014	74.9	86.3
	Kadiri ...	1	101	5,722	76	4,066	2,987	73.5	71.0
	Kalyāndrog ...	1	64	3,092	112	2,556	2,038	79.8	82.7
	Madakasira ...	1	40	2,574	90	2,213	1,805	81.6	85.9
	Penukonda ...	1	65	4,536	74	2,694	2,046	75.9	59.4
Tadpatri ...	1	84	3,836	105	3,951	2,790	70.6	102.9*	
North Arcot.	Arkonam ...	1	138	8,530	129	6,953	4,671	67.2	81.5
	Arni ...	1	146	6,618	213	6,130	5,318	87.2	92.6
	Cheyar ...	1	217	6,227	126	5,674	5,437	95.8	91.1
	Gudiyāttam ...	1	185	7,837	117	7,190	6,597	91.7	91.7
	Poier ...	1	167	6,877	101	5,801	5,333	91.9	84.4
	Rānipet ...	1	185	9,797	267	6,917	6,253	90.4	70.6
	Tirupattūr ...	1	406	10,104	116	9,450	8,809	93.2	93.5
	Tiruvannāmalai ...	1	316	13,613	148	10,486	9,507	90.6	77.0
	Vallorē ...	1	148	7,327	88	7,341	6,350	86.5	100.2*
Wandiwash ...	1	177	7,639	217	6,311	5,918	94.2	82.6	
South Arcot.	Chidambaram ...	1	220	5,419	226	3,480	3,123	89.7	61.2
	Cuddalore ...	1	232	8,619	230	7,481	7,229	96.6	86.8
	Giugee ...	1	316	8,139	234	5,883	5,409	91.9	72.3
	Kallakrohi ...	1	272	9,042	212	5,673	4,705	82.9	62.6
	Tindivanam ...	1	233	7,244	255	6,294	5,751	91.4	86.9
	Tirakkōyilūr ...	1	156	8,288	259	8,066	7,358	91.2	87.3
	Tittagudi ...	1	149	4,096	278	3,701	3,198	86.4	90.4
	Ulundurpet ...	1	175	6,850	236	5,025	4,413	87.8	73.5
	Villupuram ...	1	265	10,133	245	8,025	7,327	91.3	79.1
Vridhāchalam ...	1	171	4,851	148	4,259	3,999	93.0	88.6	
Bellary ...	Adoni ...	1	155	5,836	166	4,366	3,881	89.9	74.8
	Aler ...	1	85	3,680	194	3,450	3,142	91.1	93.7
	Bellary ...	1	110	4,037	110	3,320	2,657	80.0	82.2
	Hadugalli ...	1	82	4,214	120	3,928	3,177	80.9	98.2
	Harpanahalli ...	1	288	4,501	201	4,064	3,313	81.5	90.3
	Hospet ...	1	147	3,545	205	2,837	2,195	77.4	80.0
	Kōdliḡi ...	1	169	4,202	167	3,864	3,338	86.4	92.0
	Rayadrug ...	1	137	3,913	143	4,344	3,898	78.2	110.2*
	Siruguppa ...	1	93	3,775	254	3,292	2,785	84.6	87.2
Chingleput	Chingleput ...	1	328	9,283	170	7,768	7,029	90.5	83.7
	Conjeevaram ...	1	308	9,248	160	7,224	6,063	84.0	78.1
	Madurāntakam ...	1	832	9,978	256	8,789	8,027	91.3	88.1
	Ponnēri ...	1	426	10,181	262	9,627	8,422	87.5	91.6
	Saidapet ...	1	185	7,994	268	7,101	6,353	89.4	88.8
	Sriperambadūr ...	1	300	7,015	280	5,781	4,988	86.3	82.4
	Tiruvallūr ...	1	279	7,865	152	6,029	5,284	87.6	76.5
Chittoor ...	Chandragiri ...	1	362	4,926	242	4,294	3,662	85.3	87.2
	Chittoor ...	1	392	10,373	208	8,289	7,149	86.2	79.9
	Kālahasti ...	1	476	3,692	242	3,957	3,788	95.7	107.2*
	Madanapalle ...	1	133	7,892	216	6,398	5,093	79.7	81.0
	Palmaner and Punganur. Puttur ...	1	255	6,021	245	4,759	4,011	84.8	79.0
	Puttur ...	1	393	6,701	211	5,845	5,364	91.8	87.2
	Tiruttani ...	1	379	6,908	211	5,771	5,385	93.5	83.5
Voyalpad ...	1	219	6,363	261	6,868	6,819	84.7	107.8*	

Statement No. VII showing inspection work done by the Health Inspectors during the year 1924-25—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	95	9,121	107	8,994	7,756	88.2	98.6
	Bhavāni... ..	1	70	6,337	149	6,002	5,415	90.2	94.7
	Coimbatore	1	107	9,891	210	11,214	9,206	82.1	113.4*
	Dhārāpuram	1	108	8,265	125	10,608	9,605	91.1	128.3*
	Erode	1	199	8,512	247	7,945	7,207	90.7	93.3
	Gobichettipalayam	1	155	9,465	195	8,926	7,253	81.2	94.3
	Kollegal	1	83	4,030	231	3,591	2,777	77.3	89.1
	Perundurai	1	185	7,105	180	6,056	5,593	92.3	85.2
	Pollachi	1	156	10,427	187	10,027	8,011	79.9	96.2
	Tiruppur	1	105	13,601	255	11,140	9,881	88.7	80.7
Udamalpet	1	193	7,225	228	6,526	5,449	83.5	90.3	
Cuddapah ...	Badvel	1	113	2,898	231	2,815	1,981	70.4	97.1
	Cuddapah	1	129	3,165	198	2,998	2,598	86.7	84.7
	Jammalamadugu	1	122	5,040	109	5,071	4,065	80.2	100.6*
	Kumalāpuram	1	171	5,438	207	4,633	3,898	79.8	85.2
	Proddatur	1	79	2,605	74	1,927	1,672	86.8	73.9
	Pollivēnda	1	348	3,590	180	2,852	2,299	80.6	79.4
	Rajampet	1	121	4,957	187	3,309	2,768	83.6	86.8
	Rāyachōti	1	145	5,224	111	3,971	3,485	87.7	76.0
Siddhout	1	97	4,435	239	4,291	3,539	82.5	96.7	
Ganjām ...	Aska	1	585	7,861	182	7,860	6,186	78.7	99.9
	Berhampur	1	228	6,537	76	5,408	4,701	86.9	82.7
	Chatrapur	1	265	7,723	132	5,905	5,183	87.8	76.5
	Chicacole	1	479	6,857	83	5,076	4,609	90.8	74.0
	Gumsur	1	312	5,803	121	4,705	3,628	77.5	81.1
	Hiramandalam	1	407	6,184	121	4,139	3,823	92.3	86.9
	Parlakimēdi	1	283	5,841	197	3,917	3,310	84.5	87.1
	Purushottapur... ..	1	456	7,432	195	6,377	5,754	90.2	85.8
	Sompeta	1	449	7,469	133	5,828	4,919	83.4	78.9
	Surada	1	326	4,828	130	3,908	3,115	79.8	80.8
Tekkali	1	546	6,932	104	6,263	5,368	85.7	90.3	
Gōdāvari ...	Alampur	1	65	8,818	162	7,954	5,145	64.7	90.2
	Amalāpuram	1	108	7,708	282	7,208	5,816	80.7	93.5
	Cocanada	1	101	9,743	120	4,540	3,808	83.9	46.6
	Kothapettah	1	75	8,289	251	7,964	6,330	79.5	96.1
	Peddāpuram	1	211	8,142	241	7,235	6,061	83.8	88.9
	Pithāpuram	1	97	7,937	185	5,664	4,883	87.8	70.1
	Rajahmundry	1	84	7,858	109	6,840	5,430	79.4	89.3
	Rāmāchandraapuram	1	104	9,826	115	8,730	5,104	58.4	88.8
Razole	1	69	7,549	105	6,996	5,159	86.0	79.4	
Guntūr ...	Bāpatla	1	201	14,415	192	13,056	10,862	83.2	90.6
	Guntūr	1	200	10,860	150	9,616	7,939	82.5	88.5
	Guruzala	1	238	9,701	180	8,526	7,105	83.3	87.7
	Narasaraopet	1	104	11,424	129	9,278	6,802	73.3	81.2
	Ongole	1	143	16,050	241	12,839	10,193	79.4	80.0
	Repalle	1	69	7,502	135	5,841	4,649	79.6	77.8
	Sattenapalle	1	194	12,436	248	10,941	8,950	81.8	88.0
	Tenali	1	168	13,159	241	11,802	9,682	82.0	89.7
Vinnukonda	1	103	6,749	214	5,229	3,755	71.8	77.5	
Kistna ...	Bandar	1	99	3,948	163	4,059	3,589	88.4	102.8*
	Bezavada	1	193	9,110	215	8,868	7,439	84.0	97.2
	Bhimavaram	1	97	8,709	139	7,361	6,368	86.5	84.5
	Divi	1	76	7,255	121	6,350	4,514	71.0	87.6
	Ellore	1	154	7,084	122	5,481	4,880	89.0	77.4
	Gudivāda	1	240	14,502	227	11,710	8,222	70.2	80.7
	Kovvur	1	111	7,223	153	6,500	5,801	89.2	90.0
	Nandigāma	1	163	6,305	195	6,696	5,812	86.8	106.2*
	Narasapur	1	105	7,592	105	7,093	6,177	87.1	93.4
	Nuzvid	1	94	7,536	196	4,222	3,818	90.4	56.0
Tanuku	1	163	13,220	128	6,261	4,940	78.9	47.4	

Statement No. VII showing inspection work done by the Health Inspectors during the year 1924-25—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
Karnool	Dhone ...	1	75	5,845	221	4,971	3,865	77.7	85.0
	Giddaloro ...	1	194	4,407	200	3,812	3,265	85.6	86.4
	Koilkantla ...	1	83	3,984	136	4,395	3,111	70.8	110.0*
	Kurnool ...	1	150	6,087	186	5,117	3,817	74.6	84.0
	Markapur ...	1	194	5,023	224	5,232	4,486	85.7	104.1*
	Nandikotkur ...	1	212	5,012	214	4,301	3,115	72.4	85.8
	Nandyal ...	1	176	2,659	161	2,506	1,934	77.1	94.2
	Pattikonda ...	1	162	6,105	223	5,720	4,601	80.4	89.3
Sirvel ...	1	86	3,804	284	3,836	2,943	76.7	100.8*	
Madura	Dindigul ...	1	69	9,846	112	8,043	6,938	86.2	81.7
	Kodaikunal ...	1	20	1,347	189	1,336	1,220	91.3	99.2
	Madura ...	1	210	7,345	277	5,882	4,262	72.5	80.1
	Melur ...	1	97	8,980	230	7,523	5,601	74.5	83.8
	Nilakkottai ...	1	112	8,339	201	7,092	6,289	88.7	85.0
	Palni ...	1	117	8,075	218	6,775	5,851	86.4	83.9
	Periyakulam ...	1	60	16,447	261	9,899	9,249	93.4	60.3
	Tirumangalam ...	1	290	12,780	216	12,074	10,701	88.6	94.5
Vedasandur ...	1	205	8,897	273	7,265	5,676	78.1	81.7	
Malabar	Alattur ...	1	78	9,365	79	8,386	7,136	85.1	89.5
	Badagara ...	1	51	7,446	58	6,478	5,935	91.6	87.0
	Calicut ...	1	66	9,831	108	8,564	7,823	90.3	88.1
	Chirakkal ...	1	127	14,765	197	12,671	11,717	92.5	85.8
	Chowghat ...	1	67	9,495	94	8,932	8,140	91.1	94.1
	Munjeri ...	1	85	8,963	80	7,789	6,948	89.2	86.9
	Ottapalem ...	1	125	8,738	202	7,974	7,523	94.3	91.2
	Palghat ...	1	111	10,193	91	9,094	8,010	88.1	89.2
	Perintalmanna ...	1	40	8,083	130	7,447	6,597	88.6	92.1
	Ponnani ...	1	38	2,133	185	7,802	6,875	88.1	85.4
	Quikandi ...	1	52	8,005	79	7,379	6,914	93.7	92.2
	Tellicherry ...	1	94	12,290	136	12,273	9,279	75.6	99.9
	Tirur ...	1	198	9,315	200	8,642	7,769	89.9	92.8
	Tirurangadi ...	1	163	8,202	245	6,835	6,393	93.6	83.3
Wynaad ...	1	26	4,645	150	4,669	4,523	96.9	100.5*	
Nellore	Atmakur ...	1	136	4,900	178	4,617	3,646	79.0	94.2
	Darsi ...	1	97	3,040	63	2,939	2,807	88.7	96.7
	Gudur ...	1	184	4,553	220	4,532	4,011	88.5	99.5
	Kandukur ...	1	160	7,234	233	6,669	5,916	88.7	91.5
	Kanigiri ...	1	158	5,400	177	4,656	3,985	85.6	86.2
	Kavali ...	1	304	6,079	233	5,928	4,460	75.2	97.5
	Kovvar ...	1	86	5,009	124	4,249	3,679	86.6	84.8
	Nellore ...	1	135	5,223	207	4,680	4,286	91.6	89.6
	Podili ...	1	63	3,555	84	2,410	1,957	81.2	67.8
	Rapur ...	1	140	2,667	167	2,412	2,075	86.0	90.4
The Nilgiris.	Udayagiri ...	1	250	3,291	84	3,055	2,782	91.1	92.3
	Venkatagiri ...	1	301	5,857	169	4,140	3,559	85.9	70.7
	The Nilgiris ...	1	74	8,706	205	8,428	7,041	80.5	96.8
Rāmnād	Aruppukottai ...	1	178	7,336	55	5,631	5,090	90.4	76.7
	Mudukulattur ...	1	255	8,051	238	7,238	6,976	96.4	89.9
	Rāmnād ...	1	236	7,531	157	7,948	6,441	81.0	105.5*
	Sattūr ...	1	181	7,753	97	6,530	5,743	87.9	84.2
	Sivagauga ...	1	395	6,771	95	6,088	5,367	88.2	89.9
	Srivilliputtūr ...	1	142	6,381	68	4,654	4,113	88.4	72.9
	Tirappattūr ...	1	295	5,400	74	4,014	3,673	91.5	74.3
Tiruvadanaī ...	1	442	7,949	259	3,108	2,268	73.0	39.1	
Salem	Attur ...	1	116	6,769	112	5,538	5,112	92.3	81.8
	Dharmapuri ...	1	142	9,295	226	8,996	7,965	88.5	98.8
	Harrur ...	1	147	6,394	168	4,736	4,328	91.4	74.1
	Hosur ...	1	142	7,568	221	7,082	5,778	81.6	90.0
	Krishnagiri ...	1	184	10,114	235	8,831	7,340	82.1	87.3
	Namakkal ...	1	69	8,288	190	7,435	6,849	92.1	80.0
	Omair ...	1	90	8,906	232	8,638	7,863	91.0	86.9
	Rasipur ...	1	51	7,274	101	6,251	5,534	88.8	85.7
	Salem ...	1	267	8,320	280	7,311	7,009	95.9	87.9
	Sankari ...	1	137	10,823	244	10,637	9,330	87.7	98.3

Statement No. VII showing inspection work done by the Health Inspectors during the year 1924-25—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
South Kanara.	Coondapoor ...	1	94	7,780	236	7,205	6,479	89.9	92.5
	Karkal ...	1	97	6,108	152	4,841	4,568	94.4	79.2
	Kasaragod ...	1	86	11,874	106	8,535	7,638	89.5	71.9
	Mangalore ...	1	119	10,023	151	10,468	9,299	88.8	98.5
	Puttur ...	1	123	7,012	193	6,293	5,755	91.4	89.8
	Udipi ...	1	116	10,349	204	8,333	7,975	95.7	80.5
	Uppinangadi ...	1	108	5,786	182	3,781	3,331	88.1	65.3
Tanjore ...	Arantangi ...	1	51	3,835	227	3,740	3,349	89.5	94.9
	Kumbakonam ...	1	171	7,141	121	4,498	3,848	85.7	62.9
	Mannargudi ...	1	177	6,584	238	5,412	5,072	93.2	82.7
	Māvavaram, East ...	1	89	5,471	213	5,284	4,995	94.5	96.6
	Do. West ...	1	149	5,827	203	6,464	5,541	85.8	110.6*
	Nannilam, North ...	1	114	3,901	202	3,516	3,090	87.9	90.1
	Do. South ...	1	114	3,680	234	3,453	3,096	89.6	94.4
	Negapatam ...	1	213	4,065	242	3,385	3,315	97.9	72.6
	Papanāsam ...	1	183	7,241	240	6,587	6,285	95.4	91.0
	Pattukkōttai ...	1	228	8,276	171	7,053	6,838	97.0	85.2
	Shiyali ...	1	86	6,862	138	6,131	4,991	81.4	89.3
Tanjore, North ...	Tanjore, North ...	1	314	6,068	234	5,234	4,913	93.8	88.3
	Do. South ...	1	158	6,409	125	5,383	4,886	90.8	83.9
Tirutturappundi ...	1	145	7,543	150	8,010	7,723	96.4	106.2*	
Tinnevely ...	Ambasamudram ...	1	101	8,732	230	8,949	7,484	83.6	102.5*
	Kōvilpatti ...	1	109	6,789	116	6,704	5,813	86.7	98.7
	Nāngunēri ...	1	322	9,988	237	9,725	8,554	87.9	97.4
	Sankarankoil ...	1	158	14,277	194	12,321	10,681	86.7	86.3
	Srivaikuntam ...	1	95	7,766	280	7,413	6,596	88.9	95.5
	Tenkāsi ...	1	102	11,237	141	9,801	8,562	87.4	87.2
	Tinnevely ...	1	115	5,219	194	5,448	4,597	84.4	104.4*
	Tiruchendur ...	1	94	9,243	122	8,252	7,305	78.9	100.1*
Vilattikulam ...	1	148	8,732	240	7,898	6,758	85.6	90.4	
Trichinopoly.	Ariyalur ...	1	123	7,777	176	5,734	4,764	83.1	73.7
	Jayankondam ...	1	95	8,138	86	6,447	5,711	88.6	79.2
	Karur ...	1	130	9,443	132	8,168	7,282	89.2	86.5
	Kulittalai ...	1	75	8,057	127	7,701	6,855	89.0	95.6
	Lalgudi ...	1	105	8,140	134	8,227	7,548	90.9	101.6*
	Manapparai ...	1	151	7,238	103	6,276	5,360	85.4	86.7
	Musiri ...	1	83	6,558	87	5,866	5,237	89.3	89.4
	Perambalur ...	1	114	8,495	109	7,808	7,097	90.9	91.9
	Trichinopoly ...	1	91	6,550	92	6,962	6,113	87.8	106.3*
	Turaiyur ...	1	76	7,566	172	7,303	6,962	95.3	96.5
Vizagapatam.	Anskapalle ...	1	97	4,591	180	4,851	4,213	86.8	105.7*
	Bimlipatam ...	1	83	3,684	91	3,855	3,278	85.0	104.6*
	Bobbili ...	1	165	4,010	234	3,849	3,193	82.9	95.9
	Chipurupalle ...	1	266	8,132	126	7,455	6,003	80.5	91.7
	Chodavaram ...	1	223	7,693	142	7,681	6,955	90.5	99.8
	Gajapatnagar ...	1	275	9,614	194	8,891	7,348	82.6	92.5
	Narasapatam ...	1	136	5,828	150	4,347	4,031	92.7	77.2
	Palkonda ...	1	185	7,583	209	5,998	4,419	73.7	79.1
	Paravatipur ...	1	243	4,160	222	3,854	3,164	82.1	92.6
	Razam ...	1	309	6,854	116	5,976	5,080	85.0	87.2
	Salur ...	1	299	6,867	121	6,172	4,944	80.1	89.9
	Sranganapurkōtta ...	1	135	5,725	53	4,542	3,824	84.2	79.3
	Vizagapatam ...	1	128	5,553	93	4,655	4,052	87.0	83.8
	Vizianagram ...	1	214	9,158	197	7,548	5,543	73.4	82.4
Yellamanchili ...	1	426	8,959	144	8,758	7,869	89.9	97.7	
Grand total ...		241	45,794	1,773,157	41,916	1,337,795	1,316,125	85.6	80.7

* Includes inspection of previous year's vaccination also.

Government of Madras

LOCAL SELF-GOVERNMENT (PUBLIC HEALTH) DEPARTMENT

G.O. No. 1993-P.H., 28th September 1925

Vaccination—Report of the Director of Public Health for 1924-25—Reviewed.

READ—the following paper:—

Letter from Major A. J. H. RUSSELL, M.A., M.D., D.P.H., I.M.S., Director of Public Health, Madras, to the Secretary to Government, Local Self-Government (Public Health) Department, dated Ootacamund, the 25th June 1925.

Order—No. 1993-P.H., dated 28th September 1925.

Recorded.

2. The progress in vaccination work which followed the introduction of the Health Scheme was steadily maintained in the year under review. There was marked improvement in

(1) the total number of operations performed which exceeded 2 millions (2,033,997)—an increase of 121,432 over the previous year's figures;

(2) the total number (1,542,419) of successful cases which reached a percentage of 83·7 compared with 81·7 in the previous year and 69·6 in 1920-21;

(3) the total number (652,157) of successful infantile vaccination, which increased by 79,327;

(4) the decrease in the cost per successful case—5 annas 9 pies against 8 annas 9 pies in 1923-24; and

(5) the decrease in the number of deaths (20,227) from smallpox which was 2,000 less than in the previous year.

3. There was an increase in the number of operations in 17 districts and a decrease in 8, Guntūr (plus 23,321) standing highest and Malabar (minus 25,782) being last in this respect. The highest success rate per mille of population was recorded in the Nilgiris (71·5) while South Arcot (25·8) had the lowest record. With the exception of Nellore and Rāmnād districts there has been a general improvement in infantile vaccination. Trichinopoly stands first with an increased rate of 21·0 per cent.

4. In municipalities an increase of 53,463 was recorded in the operations performed. Madras showed an increase of 40,361. Seven other municipalities also recorded increases while there were decreases in twelve. It is observed that while decrease in the number of operations is an obvious sign of slackness, the fact that there has been an increase is by no means a sure or correct index of real improvement. The increase is in many cases due to actual or threatened outbreaks of smallpox. The maximum and minimum rates of successful cases per mille of population in municipalities were 153 in Ongole and 20·2 in Tiruvalur. The percentage of success was the highest in municipal areas 97·5 against 94·3 in local fund and 91·8 in Government (Agency) areas, the lower percentage in these two areas being due partly to the fact that the lymph deteriorates in transit and partly to delay in its use.

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No. 1993-P.H., 28TH SEPTEMBER 1925.

5. The causes that contributed to retard the progress of vaccination in the past continued to operate in the year under review :—

- (1) failure to introduce compulsion in many districts ;
- (2) the reluctance of local bodies to enforce the provisions of law relating to compulsion ;
- (3) the failure of local revenue officers to report promptly cases of outbreak and to maintain correctly the registers of vital statistics ;
- (4) failure to employ an adequate and duly qualified staff of vaccinators ;
- (5) the absence, especially in municipalities, of adequate supervision over the work of vaccinators ; and
- (6) the activities, though limited at present, of the anti-vaccinationists.

6. Vaccination work has been the subject of a certain measure of public criticism owing to the slack and indifferent work of the vaccinators. Local bodies are requested to take immediate steps to rectify the defects pointed out above. Collectors are also requested to impress again upon village headmen the necessity for co-operating with the health staff in vaccination work in rural areas. The Government have called for reports from the local bodies and the Collectors concerned on the statements made by the Director of Public Health in paragraphs 9 (b), (d) and 11 of his report on the following points :—

- (1) the failure of certain union boards and their presidents to carry out the obligation vested in them by statute ;
- (2) the failure of the revenue authorities to report promptly outbreaks of smallpox ; and
- (3) the indifference of the Nandyal Taluk Board in not employing the necessary vaccination staff even though smallpox was prevalent within the Taluk Board area.

7. The Government are glad to note that as many as 19,000 unprotected children were detected in the Tanjore district by the district health staff mainly during the hot weather when vaccination work was suspended. They, however, observe with regret that some local bodies did not realize the importance of such work and either granted leave to vaccinators during the off-season without employing substitutes, or utilized their services for work unconnected with vaccination.

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

C. B. COTTEBELL,
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.
 " the Consul-General of the Netherlands.
 " the Consul-General for Siam at Calcutta.
 Editors' Table.



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