

Notes and statistics on vaccination in Burma.

Contributors

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STATISTICAL SECTION



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Notes and Statistics

on

Vaccination in Burma

For the Year 1923-24



Rangoon : Supdt., Govt. Printing and Stationery, Burma

1924

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For the Year 1923-24

Rangoon : Superintendent, Government Printing, Burma

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NOTES AND STATISTICS

ON

VACCINATION IN BURMA

FOR THE YEAR 1923-24.

1. *Vaccination Staff employed.*—The following table gives the strength of the vaccination staff actually employed during the year 1923-24 and the two preceding years :—

| Years. | District Superintendent. | Sub-Assis- tant Sur- geons. | Inspectors of Vaccina- tion. | Head Vac- cinators. | Vaccina- tors. |
|---------|--------------------------|-----------------------------------|------------------------------------|------------------------|-------------------|
| 1921-22 | 41 | 35 | 46 | 3 | 337 |
| 1922-23 | 41 | 31 | 43 | 1 | 336 |
| 1923-24 | 41 | 36 | 44 | 1 | 339 |

The cadre of Sub-Assistant Surgeons receiving vaccination allowance or otherwise employed in the Department was increased by five due to the creation of the additional post of Medical Registrar of Registration and Vaccination in the Corporation of Rangoon. There was an addition of one in the cadre of Inspectors of Vaccination employed, accounted for by the filling up of the vacancy in Kyaukpyu District. The two vacant Inspectorships in Amherst and Myingyan Districts have not yet been filled. The permanent establishment of vaccinators was increased by three, *viz.*, one in Yandoon Municipality and two in Myingyan District. The vaccination establishments in the Federated Shan States were re-organized from 1st September 1923, and the Supervisors of Vaccination employed in the districts of Upper Burma and in Kyaukpyu and Sandoway Districts were granted increased rates of pay by Government from 1st March 1923,—their designation being changed to that of Inspectors of Vaccination. The Vaccination staff was depleted by the death of two Inspectors of Vaccination,—one at Prome and the other in Taikkyi Subdivision of Insein District. The Inspector in Sagaing District was invalided owing to ill-health, and the Inspector of Sandoway District was removed for absenting himself from duty without the permission of the Civil Surgeon. Seven vaccinators were either removed or dismissed from the service for various reasons.

2. *Vaccination Work performed.*—The total number of operations reported during the year 1923-24, as performed by the permanent and special staffs of the Department and other agencies,—excluding vaccinations in Dispensaries and Jails,—was 752,447, of which

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544,341 were primary operations and 208,106 re-vaccinations. Out of 41 districts from which reports have been received, 14 districts show a total decrease of 46,280 as compared with their last year's figure, while the remaining 27 districts return an increase of 100,898 operations. Thus there has been a net increase of 54,618 operations under both heads. Of these, 23,323 were primary and 31,295 re-vaccinations. The increase in many instances has resulted from the prevalence of small-pox in various parts of the Province. In comparison with last year, Akyab shows the greatest falling off of vaccination work (-16,848),—followed by Kyaukpyu (-14,338),—whereas Pakòkku (including the Hill Tracts) shows an increase of 13,899 and Myingyan an increase of 10,085. The former deficit however is largely explained by the fact that very high figures were recorded during the previous year.

Statt. I. 3. *Primary Vaccination.*—Successful primary operations performed in rural areas amounted to 514,577 with an increase of 26,369 over the work of the previous year. The districts showing a considerable increase in the number of successful operations performed as compared with last year, are Myaungmya (+5,839), Southern Shan States (+4,775), Thatôn (+4,119), Northern Shan States (+4,083), Pakòkku (+2,781), Yamèthin (+2,453), Pyapôn (+2,216), Sagaing (+1,713), Hanthawaddy (+1,553), Ma-ubin (+1,551), Mandalay (+1,507), Pegu (+1,406) and Meiktila (+1,254). A decrease in successful primary vaccinations is shown only in 12 districts, the most notable amongst them being Kyaukpyu (-7,508), Magwe (-2,132), Toungoo (-2,041), Upper Chindwin (-2,012) and Sandoway (-1,584).

Lower Burma.—Taking the different Divisions separately,—the Irrawaddy Division has done well, having an excess of 9,196 successful primary operations to its credit; Bassein District is the only defaulter, with a deficit of 1,291 operations below its last year's figures; Tenasserim Division shows a net excess of 5,186 cases contributed mainly by Thatôn District with 4,119 additional operations. The two districts of Salween and Tavoy show a falling off of 264 and 63 cases respectively from last year's figures. Arakan Division as a whole shows a decrease of 9,494 compared with its previous year's outturn. The district of Kyaukpyu reported 15,588 primary operations for 1922-23; this, coupled with the fact that during the year under report there was no outbreak of small-pox in the district, explains the fall in operations for this year to 8,080 under this head. The remaining deficit for the Arakan Division is accounted for mainly by the fall in Sandoway (-1,584). An explanation similar to the one stated above for Kyaukpyu is noted in the Annual Report of Sandoway District; but the Deputy Commissioner remarks,—“It is not satisfactory that the marked improvement in 1922-23 should have been followed by a falling-off in 1923-24. A capable and qualified Superintendent or an Inspector of Vaccination is much needed and steps are being taken to nominate a suitable person. The practice of inoculation, which is common, has now become illegal by the extension of Section 3 of the Burma Prohibition of Inoculation and Licensing of Vaccinators Act to the district from 1st April 1924. There is no active opposition to vaccination in the district.” The Hill District of Arakan is the only

one showing an increase this year, *i.e.*, 127 operations more than were done last year. In the Rangoon Division, Hanthawaddy shows good work with an increase of 1,553. Of the Pegu Division, with the exception of Toungoo District, all districts show an increase in primary vaccination; the fall in Toungoo District amounted to 2,041 operations and this is reported to have been due to several changes amongst the vaccination staff owing to illness. The appointments of District Vaccinators in Pyu (B) and Railway Towns Circles had to be left vacant for two and one months respectively for this reason. In spite of this, Pegu Division as a whole has a net increase of 1,873 primary operations over its previous year's work.

Upper Burma Divisions and districts have all done well, with the exception of Magwe and Upper Chindwin. In Mandalay Division, every district shows a marked increase with the exception of Magwe, which gives a decrease of 2,132 primary vaccinations. The remaining six districts of this division contribute a total increase of 7,064, Yamèthin heading the list with an increase of 2,453, Mandalay following next with an increase of 1,507. The return under the head of successful primary vaccinations for Magwe District last year was 20,213, while this year it was 18,081,—the highest actual figure in this division. Considering the total out-turn of work for the last two years in Magwe District, the current year's decrease may be regarded as a natural consequence;—moreover, on the outbreak of small-pox this year in this district, re-vaccination was vigorously carried out, resulting in an increase of 1,216 over its last year's figures, and providing the highest return for this division, *viz.*, 5,893. In the North-West Border Division the only two districts which show a decrease are Upper Chindwin (−2,012) and Katha (−421); all other districts having returned increased figures, thus effecting a net increase for the division as a whole. The North-East Frontier Division has returned an excess of 9,236 primary operations over the figure for last year. The main contributors were the Northern Shan States (+4,083) and Southern Shan States (+4,775),—Myitkyina being the only district in this Division to show a decrease with 307 fewer operations. The Civil Surgeon, in explanation of this, states that two large tracts of hill country were completely protected in 1922-23 by locally trained vaccinators, who consequently had comparatively little to do this year.

4. *Re-vaccinations*.—Altogether 12 districts in Lower Burma and 14 districts in Upper Burma show an increased outturn in re-vaccination, and 10 districts in Lower Burma and 5 in Upper Burma return a decrease,—the sum total of the increase being 22,785 and of the decrease being 18,823, leaving a net increase for the Province of 3,962 under this head. Arakan Division was mainly responsible for the decrease, all districts having returned smaller figures than in the previous year, making a total deficit of 12,654; but in 1922-23 this division reported 43,024 primary and 18,845 re-vaccinations, and the current year's corresponding figures are 33,530 and 6,191 respectively. Reviewing the total output of work for the two years together it may be noted that during the current year the whole division has been practically free from any outbreak of small-pox, so it is only natural that the present figures should be lower than those for last year. Rangoon town has been visited this year by a very virulent type of small-pox

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(confluent) and this accounts for the increase of 2,495 cases under re-vaccination. Thayetmyo, Thatôn and Tavoy report a noticeable increase in the number of successful re-vaccinations,—the reason for the larger numbers being the outbreak of small-pox in these districts. The high figures of Thatôn District, both under primary and re-vaccinations (+4,119 and +1,453), compare very favourably with the figures for 1921-22, after the temporary decrease in work last year.

Among the districts of Upper Burma, Myingyan and Minbu (which returned 2,334 and 1,142 respectively under re-vaccination last year) have returned 5,744 and 4,178 for the year under report, the advance being due to the outbreak of an epidemic in each of these districts. Mention may also be made of Pakôkku, Mandalay and Magwe as returning high figures under the present head.

It should be noted that vaccination is voluntary in most rural areas, since the Vaccination Act has unfortunately not yet been generally applied. Thayetmyo, Tharrawaddy and Toungoo at present appear to be the only districts where the value of such legislation is appreciated and where the Act is now in force. No doubt other districts will in time follow suit. From reports received there is evidence that there is little opposition to vaccination, and parents on the whole willingly accede to the advice given and influence exerted by the more enlightened village headmen, more especially when local officers take an active interest in Vaccination propaganda. In Burma the main incentive to undergo vaccination is an outbreak of the disease, but next to this must be placed the personal influence which local authorities, official and non-official, bring to bear in educating the people around them. In many reports note has been made by Commissioners, Deputy Commissioners, and Civil Surgeons expressing their appreciation of the keenness displayed by certain Inspectors of Vaccination and Vaccinators, and this speaks well for the possibilities of the future and shows that local authorities in many places are waking up to the importance of vaccination and the dangers of inoculation. It is to be hoped that parents will likewise soon realize their responsibilities and that the days of universal vaccination within six months of birth, and of re-vaccination at ten years of age, are not too far distant, for then only can we expect to make small-pox a stranger in the land!

Statt. I. 5. *Results of Vaccinations.*—Primary operations verified as successful show an advance of 26,369 on the previous year's return, and total 514,577 as against 488,208 in 1922-23 and 457,983 in 1921-22. The results remained unknown in 21,269 cases, and there were only 8,495 cases reported as failures, in comparison with 9,601 failures with 23,209 unknown results in the previous year. Percentage successes in primary vaccinations were therefore 98·38 and in re-vaccinations 46·76 as against 98·10 and 53·68 respectively in 1922-23. In Lower Burma, Tharrawaddy District heads the list with a success rate of 99·96 per cent. in primary cases; Prome and Pyapôn follow with 99·91 per cent. and 99·82 per cent. respectively; whilst the lowest rate is reported from Mergui 89·60 per cent.

Among the districts of Upper Burma, the maximum success rate of 100 per cent. was reported from Myitkyina District, and close upon this come Meiktila with 99·93 per cent. and Kyaukse 99·71

per cent. Putao returns the lowest rate of 86·60 per cent. but this, the Civil Surgeon explains, was due to the fact that a large number of cases have to remain unverified owing to the vast area included, and to the fact that the escort Sub-Assistant Surgeon and others on duty are unable to return by the same route as that taken on the outward journey.

6. *Vaccination in Towns.*—There are 61 towns under the provisions of the Vaccination Act, and from these 95,905 operations are reported to have been performed, out of which 42,394 were primary and 53,511 were re-vaccinations. An increase of 2,202 cases is obtained under re-vaccinations, whereas the figure for primary vaccination is almost the same as that for the previous year. Towns in which the work of re-vaccination has markedly slackened are Akyab, Pyinmana and Yenangyaung; while Salin, Yandoon, Ma-ubin, Wakèma, Allamyo and Prome show an excellent advance in this respect. Pyu is the only town which has done no re-vaccination at all; and with regard to primary vaccination this year's figure (193) is far below that of last year (272). This is due to the fact that the post of vaccinator was vacant for five months in the year, and the appointment changed hands twice during the rest of the year. Yenangyaung returns only 170 and 430 cases of primary and re-vaccinations respectively, as against 1,227 and 1,531 of last year. The explanation is to be found in the fact that there was a big outbreak of small-pox there last year and the resulting vaccination left little to be done during the year under review.

The percentage successes of primary and re-vaccinations are 98·92 and 53·23,—those for the previous year being 98·95 and 57·27 respectively. Amongst primary vaccinations, the lowest percentage of successes was shown against Yandoon (86·20), and Pyawbwe obtained only 91·94 per cent. while as many as 24 towns reported the maximum result of 100 per cent. Myanaung is at the bottom of the list in the matter of re-vaccinations, (only 25 successful) the percentage of successful to total known cases being 8·71. Pakòkku appears next above it with 9·13 per cent. in this respect.

7. *Infant Vaccination.*—In the whole Province the number of births registered in 61 towns was 31,857 of which 9,167 infants under one year of age died during the year, leaving 22,690 survivors available for vaccination. Successful operations are reported to have been performed on 25,103 infants. The fact that 33 towns returned as vaccinated a number of infants in excess of those apparently available is probably to be accounted for by interchange between urban and rural populations, and the large number of births unregistered. As in previous years, in many towns a number of infants under 12 months of age appear to evade vaccination. Comment in explanation of such omission is not forthcoming. In some instances no doubt vaccination is postponed owing to ill-health, and in others family migration is the explanation; but, after making due allowance for both, it is apparent that the Vaccination Acts are not enforced with any thoroughness in certain towns. There are no less than 20 towns in which over 10 per cent. of available infants are unvaccinated, the most prominent among them being Shwebo with 41·20 per cent. Paungdè with 39·13 per cent., Kyaukpyu with 37·37 per cent.

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Yamèthin with 33·17 per cent., Wakèma with 32·42 per cent., Mergui 30·72 per cent., Yenangyaung 29·34 per cent., Pakòkku 27·73 per cent., Henzada 27·55 per cent. and Sagaing 26·20 per cent. These towns are incurring a grave danger which they would do well to realise.

It has been pointed out elsewhere that the registration of births in many towns is not satisfactory and this naturally militates against improving the state of vaccination in such towns.

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8. *Dispensary Vaccination*.—The total number of operations was 6,338,—an increase of 1,708 on the previous year's returns,—this being mainly contributed by the rise in primary vaccinations; while under the head of re-vaccinations an increase of only 57 is recorded. Five of the districts of Lower Burma show a total decrease of 1,191 cases, and these in detail are Hill District of Arakan (21), Kyaukpyu (63), Tharrawaddy (838), Bassein (246) and Henzada (23). The districts of Hanthawaddy, Myaungmya, Ma-ubin, Pyapôn, Amherst and Mergui show a total increase of 627 cases over last year's figures. Thus in the districts of Lower Burma which have submitted returns under the Head of Dispensary Vaccination there is a net decrease of 564 cases recorded this year. In Upper Burma; Sagaing, Lower Chindwin, Yamèthin, Myingyan, Minbu and Putao have submitted no statistics for dispensary vaccination. Katha District and the Southern Shan States show a decrease of 146 and 169 cases respectively against their last year's returns; while those of the remaining districts of Upper Burma show a consolidated increase of 2,587 over last year's figures, so that there is an increase of 2,272 operations. These operations include those performed by Sub-Assistant Surgeons whilst touring on escort and outpost duty in certain districts in Upper Burma.

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9. *Vaccination in Jails*.—In an average population of 18,211 in 36 jails 30,943 persons were vaccinated; 1,312 being primary cases and 29,631 being re-vaccinations. Of the former class of operations, 1,090 or 83·08 per cent. were successful and there were 14,679 (49·53 per cent.) successful re-vaccinations. Considering the age of the subjects, it is probable that most of these primary operations were performed upon previously vaccinated persons.

10. *Vaccination by Private Practitioners*.—Private Practitioners performed 4,999 operations, of which 1,660 were primary cases with 94·86 per cent. of success. The results of 648 primary operations and 2,047 re-vaccinations were unknown.

11. *Steamer Vaccination*.—Under the provisions of Section 9 of the Burma Vaccination Law Amendment Act of 1909, 27,155 passengers arriving at the Port of Rangoon were vaccinated by the Corporation Vaccination Staff under the supervision of the Port Health Authorities, but from the nature of the circumstances attending such operations the results could not be verified. These figures show an increase of 9,012 operations performed in comparison with the previous year.

12. *Verification Work performed by Inspecting Officers*.—Out of 548,054 persons primarily vaccinated, 51,594 or 9·41 per cent. were verified by Civil Surgeons against 8·39 in the previous year, and 286,169 or 52·22 per cent. by Inspectors of Vaccination and other Inspecting Officers against 52·52 per cent. in 1922-23. The work of

verifying re-vaccination done by the former class of officers is about the same as in the last year (6.52 per cent. for the current year against 6.80 for last year); whereas the latter class of officers claim to have verified 43.23 per cent. as against 41.92 for last year. Verification done by Inspectors in districts where large numbers were primarily vaccinated was as follows:—93.84 per cent. in Upper Chindwin, 87.16 per cent. in Rangoon, 85.56 in Ma-ubin, 81.59 per cent. in Pegu, 76.38 per cent. in Pyapôn, 71.49 per cent. in Yamèthin, 71.01 per cent. in Mandalay and 70.77 per cent. in Tavoy. Under the head of "Re-vaccination," 87.75 per cent. in Upper Chindwin, 85.93 per cent. in Akyab, 70.57 per cent. in Rangoon, 62.04 per cent. in Lower Chindwin and 60.44 per cent. in Ma-ubin are reported to have been verified by the Inspectors.

The Civil Surgeon, Lower Chindwin District, has reported a high rate of verification, 90.71 per cent. and 88.13 per cent. respectively under the heads "Primary and Re-vaccinations." He reports *Wunthanu* obstruction as a stumbling block to progress in vaccination in the district. The Chairman of the District Council advises the extension of the Vaccination Acts. Among other districts which return large figures of verification by District Officers are Myitkyina, Putao, Bhamo, Yamèthin, Meiktila, Lower Chindwin, Chin Hills, Mergui and Sandoway.

13. *Vaccinæ Depôt, Meiktila.*—During the year 334 calves were successfully inoculated in the Meiktila Depôt. Out of these, 14 either failed to take or yielded lymph of such poor quality that it had to be destroyed. In October 1923 a change in technique was introduced, *viz.*, the vaccination of calves before segregation instead of after. The failure of the 14 calves to take properly was prior to that date but since then there have been no failures. The assumption is that some calves while under segregation became accidentally inoculated with the vaccinia virus. The lymph strain was rejuvenated during the year by passage through rabbits, 21 rabbits in all having been used. The issue of lymph to Superintendents of Vaccination and others totalled 962,184 doses against 956,018 doses issued last year.

The net expenditure of the department amounted to Rs. 17,936-8-4 or a decrease of Rs. 6,769-12-10 in comparison with that of the previous year. There was a marked decrease in expenditure under the head of "Establishment, Other Subordinates' Salaries, and Travelling Allowance," this being due to the smaller number of apprentice vaccinators trained during the year.

The cost of feeding calves has been less than last year owing to better arrangements for buying grass. The sum of Rs. 5,984-6-2 has been realized by the sale of lymph and vaccinated calves and has been deposited in the treasury. There is still a balance of Rs. 493-6-5 realizable under the said items, so the total sales for the year have amounted to Rs. 6,476-12-7.

A certain amount of lymph is still being wasted, though far less than was reported in the previous year. This was presumably due to the Director of Public Health, Burma, Circular No. 4871—19V.R., of 1st October 1923, by which Civil Surgeons were directed to report a wastage amounting to more than 20 per cent. of the lymph issued

and to recover the cost for culpable wastage from those responsible. Such reports have been received from 18 places. The Director of the Vaccine Depôt states that some difficulty is experienced in selling calves after vaccination. Only female calves are used in the Depôt, and on an average 25 to 30, of ages between 9 and 18 months, are available for sale each month. The Veterinary Adviser to the Government of Burma has been addressed on this point in the hope that he may be able to suggest a market for these calves.

During the year certain experiments were carried out at the Depôt. Sub-Assistant Surgeon, Maung Kyaw Din, inoculated a calf and a rabbit with a mixture which was being used by Burmese *Sayas* of Minbu District and which was reported to produce vesicles and to protect against small-pox. The constituents of the mixture were mare's milk, pink resin and python's gall, and needless to say the inoculation resulted in failure. The same animals were later vaccinated successfully with stock lymph. Possibly the *Sayas* added small-pox crust to their mixture and produced true small-pox!

Two calves of the same size and colour (bearing Nos. 338 and 339) were inoculated with lymph No. 326. On the fourth day after inoculation calf No. 339 had the better vesicles while those of the other calf were poor. An abdominal binder, soaked in distilled water was applied three hourly to calf No. 338 the one with poorer vesicles. On the fifth day the calves were scraped and No. 338 produced twice as much lymph as the other. Though it is too early to judge of the quality of the lymph produced, it would seem that the application of moisture increases the quantity when the weather is hot. Instructions are being issued to test this point very carefully.

Rangoon Corporation Vaccine Depôt was closed from 1st April 1923, and lymph was obtained from Meiktila throughout the year under report, the total lymph provided to Rangoon amounting to 29,224 tubes.

14. *Training Class*.—Forty-four apprentice vaccinators as against 78 last year were trained. All passed except four, who were allowed one month's further training by the Director of Public Health, and they also passed at the expiration of the period. Twenty-two Public Health Inspectors began their course of vaccination instruction on 24th March 1924.

15. *Cost of Vaccination Department*.—The total expenditure during the year was Rs. 3,43,262-0-10 as against Rs. 3,24,782-7-11 for 1922-23. The increase is due to the fact that the Inspectors of Vaccination in some districts of Upper Burma have been allowed to draw arrears of pay and bonus with retrospective effect from 1st March 1923. Though there is an excess of Rs. 18,479-8-11 in the total expenditure, the average cost of each successful vaccination was only Re. 0-9-3 as against Re. 0-9-2 for the preceding year.

Low rates for each successful case of vaccination were reported from Minbu (Re. 0-4-8), Myingyan and Magwe (each Re. 0-5-3), Akyab (Re. 0-5-4), Sagaing (Re. 0-5-5), Tharrawaddy (Re. 0-6-4), Ma-ubin (Re. 0-6-7), Lower Chindwin (Re. 0-6-8), and Henzada and Pyapôn (each Re. 0-6-10). High rates were incurred at Pakôkku Hill Tracts (Rs. 1-10-8), Mergui (Rs. 1-5-10), Hill Districts of Arakan (Rs. 1-5-0), Myitkyina (Rs. 1-4-2) and Katha (Rs. 1-0-1) for each

case of successful vaccination. The increase in the average cost per case at Mergui is due to (1) the revised pay sanctioned for the Town Vaccinators and (2) the grant of four months' leave on average pay with allowances for the permanent incumbent, and the appointment of a substitute. The estimated cost per case in the Hill Districts of Pakòkku and Arakan does not seem to call for any comment, considering the fact that the population is scattered and communications difficult, and that Vaccinators have been in receipt of increased rates of pay. The same remarks apply to Myitkyina and Katha Districts.

16. *General Remarks.*—Dr. Aung Tun, B.A., M.B., Ch.B., was in charge of the Depôt till 14th June 1923, when he was relieved by Lieutenant-Colonel H. A. Williams, D.S.O., I.M.S., who in his turn handed over charge on 19th February 1924 to Major J. W. Jones, D.S.O., I.M.S., the present Director of the Depôt. Sub-Assistant Surgeon Man Singh was Assistant Director from the beginning of the year to 5th September 1923 when he was relieved by Sub-Assistant Surgeon, Maung Kyaw Din, who continued for the rest of the year under report. He is reported by the Director to have carried out his duties in a most efficient manner and to take a keen interest in the work, initiating several improvements. The clerical and other staff remained the same as in the previous year and all performed their duties satisfactorily.

G. JOLLY, Major, I.M.S.,
Offg. Director of Public Health, Burma.

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A.—VACCINATION

STATEMENT NO. 1—Showing particulars of Vaccination in the

| No. | Districts. | Population of districts according to census of 1921. | Average population per square mile. | Average number of vaccinators employed throughout the year. | Total number of persons vaccinated. | | | Average number of persons vaccinated by each vaccinator. | PRIMARY VACCINATION. | | | |
|---------------------|-----------------------------|--|-------------------------------------|---|-------------------------------------|---------|---------|--|----------------------|-----------------|--------------------------|--------------------|
| | | | | | Males. | Females | Total. | | Total. | Successful. | | |
| | | | | | | | | | | Under one year. | One and under six years. | Total of all ages. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | | |
| ARAKAN DIVISION. | | | | | | | | | | | | |
| 1 | Akyab District ... | 576,480 | 112 | 11 | 15,460 | 12,513 | 27,973 | 2,543 | 20,405 | 3,253 | 11,778 | 19,993 |
| | Rural ... | 539,861 | ... | 9 | 13,177 | 12,093 | 25,270 | 2,803 | 19,553 | 2,762 | 11,608 | 19,086 |
| | Urban ... | 36,669 | ... | 2 | 2,283 | 420 | 2,703 | 1,852 | 852 | 491 | 170 | 847 |
| 2 | Hill District of Arakan ... | 20,914 | 14 | 2 | 913 | 471 | 1,384 | 692 | 779 | 9 | 261 | 775 |
| 3 | Kyaukpyn District ... | 199,873 | 46 | 6 | 5,160 | 4,889 | 10,049 | 1,676 | 8,901 | 1,108 | 3,978 | 8,080 |
| | Rural ... | 195,989 | ... | 6 | 5,049 | 4,832 | 9,881 | 1,647 | 8,753 | 1,041 | 3,931 | 7,996 |
| | Urban ... | 3,884 | ... | ... | 111 | 57 | 168 | ... | 148 | 62 | 47 | 144 |
| 4 | Sandoway District ... | 112,029 | 30 | 4 | 3,355 | 2,985 | 6,341 | 1,535 | 5,262 | 333 | 2,221 | 4,742 |
| | Rural ... | 108,267 | ... | 3 | 9,218 | 2,890 | 6,108 | 2,036 | 5,119 | 313 | 2,174 | 4,599 |
| | Urban ... | 3,762 | ... | 1 | 137 | 95 | 233 | 233 | 143 | 70 | 47 | 143 |
| KANGOON DIVISION. | | | | | | | | | | | | |
| 5 | Rangoon District ... | 841,962 | 4,500 | 16 | 28,148 | 6,477 | 33,335* | 1,842 | 9,758* | 5,637 | 2,722 | 9,213 |
| 6 | Insein District ... | 293,083 | 151 | 6 | 7,660 | 8,494 | 16,154 | 2,692 | 13,525 | 2,910 | 6,835 | 12,901 |
| | Rural ... | 278,775 | ... | 6 | 7,081 | 8,132 | 15,213 | 3,013 | 12,853 | 2,603 | 6,478 | 12,329 |
| | Urban ... | 14,308 | ... | 1 | 579 | 352 | 941 | 941 | 672 | 307 | 357 | 672 |
| 7 | Hanthawaddy District ... | 364,634 | 195 | 8 | 9,898 | 10,053 | 19,046 | 2,493 | 14,980 | 3,033 | 7,198 | 14,523 |
| | Rural ... | 341,278 | ... | 6 | 9,425 | 9,523 | 18,553 | 3,032 | 14,233 | 2,723 | 6,907 | 13,813 |
| | Urban ... | 23,356 | ... | 2 | 663 | 525 | 1,393 | 697 | 747 | 310 | 291 | 715 |
| PEGU DIVISION. | | | | | | | | | | | | |
| 8 | Tharrawaddy District ... | 402,129 | 172 | 8 | 13,430 | 14,582 | 28,032 | 3,508 | 18,880 | 6,311 | 10,029 | 18,306 |
| | Rural ... | 449,010 | ... | 8 | 12,143 | 13,640 | 26,083 | 3,240 | 17,416 | 6,476 | 9,552 | 16,865 |
| | Urban ... | 48,419 | ... | ... | 1,087 | 942 | 1,979 | ... | 1,464 | 855 | 477 | 1,441 |
| 9 | Pegu District ... | 445,620 | 109 | 8 | 10,415 | 10,469 | 20,883* | 2,557 | 16,063* | 5,141 | 7,632 | 15,402 |
| | Rural ... | 419,355 | ... | 6 | 8,966 | 9,156 | 18,122 | 3,040 | 14,132 | 4,175 | 6,857 | 13,534 |
| | Urban ... | 26,265 | ... | 2 | 1,449 | 1,312 | 2,761* | 1,167 | 1,931* | 966 | 675 | 1,868 |
| 10 | Prome District ... | 371,575 | 127 | 12 | 8,432 | 8,475 | 16,907 | 1,409 | 14,401 | 4,543 | 7,966 | 13,314 |
| | Rural ... | 322,246 | ... | 8 | 6,898 | 7,151 | 14,049 | 1,756 | 12,842 | 3,437 | 7,661 | 11,813 |
| | Urban ... | 49,329 | ... | 4 | 1,534 | 1,324 | 2,858 | 715 | 1,558 | 1,106 | 305 | 1,501 |
| 11 | Toungoo District ... | 381,883 | 62 | 13 | 9,314 | 9,172 | 18,486 | 1,422 | 13,049 | 2,892 | 5,624 | 13,278 |
| | Rural ... | 380,117 | ... | 10 | 8,594 | 8,614 | 17,203 | 1,721 | 12,101 | 2,301 | 5,398 | 11,367 |
| | Urban ... | 21,766 | ... | 3 | 720 | 558 | 1,278 | 630 | 948 | 591 | 226 | 911 |
| 12 | Thayetmyo District ... | 255,406 | 54 | 8 | 8,385 | 8,220 | 16,555 | 2,070 | 9,941 | 1,753 | 5,024 | 9,213 |
| | Rural ... | 233,419 | ... | 6 | 6,314 | 7,021 | 13,335 | 2,223 | 9,018 | 1,167 | 4,739 | 8,331 |
| | Urban ... | 21,987 | ... | 2 | 2,022 | 1,199 | 3,221 | 1,611 | 923 | 585 | 285 | 887 |
| IRRAWADDY DIVISION. | | | | | | | | | | | | |
| 13 | Bassein District ... | 489,473 | 119 | 14 | 10,936 | 11,030 | 22,066 | 1,576 | 16,671 | 3,307 | 8,087 | 15,542 |
| | Rural ... | 434,904 | ... | 10 | 9,348 | 9,855 | 19,203 | 1,930 | 14,835 | 2,353 | 8,153 | 13,770 |
| | Urban ... | 54,569 | ... | 4 | 1,638 | 1,235 | 2,883 | 716 | 1,806 | 954 | 534 | 1,772 |
| 14 | Henzada District ... | 550,920 | 192 | 14 | 15,714 | 16,151 | 31,865 | 2,376 | 29,991 | 16,445 | 14,977 | 28,780 |
| | Rural ... | 513,502 | ... | 12 | 14,069 | 15,389 | 29,938 | 2,497 | 28,563 | 9,631 | 14,760 | 27,640 |
| | Urban ... | 38,418 | ... | 2 | 1,045 | 832 | 1,907 | 954 | 1,441 | 814 | 217 | 1,140 |
| 15 | Myaungmya District ... | 370,551 | 140 | 15 | 13,709 | 14,501 | 28,210 | 1,881 | 22,600 | 2,845 | 11,190 | 21,843 |
| | Rural ... | 349,709 | ... | 12 | 11,839 | 12,934 | 24,773 | 2,034 | 20,707 | 2,377 | 10,484 | 20,165 |
| | Urban ... | 20,842 | ... | 3 | 1,870 | 1,567 | 3,437 | 1,146 | 1,893 | 468 | 706 | 1,678 |
| 16 | Ma-ubin District ... | 330,106 | 201 | 10 | 15,910 | 15,625 | 31,535* | 2,875 | 21,792† | 4,938 | 13,223 | 21,414 |
| | Rural ... | 309,090 | ... | 8 | 14,104 | 14,645 | 28,749 | 3,093 | 20,901† | 4,194 | 12,909 | 20,669 |
| | Urban ... | 21,016 | ... | 2 | 1,806 | 980 | 2,816 | 1,408 | 891 | 502 | 224 | 745 |
| 17 | Pyapön District ... | 288,994 | 135 | 10 | 11,365 | 13,115 | 24,480 | 2,448 | 21,438† | 5,077 | 15,912 | 21,413 |
| | Rural ... | 272,211 | ... | 8 | 10,314 | 12,049 | 22,363 | 2,795 | 20,069† | 4,651 | 15,023 | 20,008 |
| | Urban ... | 16,783 | ... | 2 | 1,051 | 1,066 | 2,117 | 1,053 | 1,421† | 426 | 889 | 1,405 |

DEPARTMENT.

Province of Burma during the year 1923-24 (Paragraphs 2, 3, 4 and 5).

| Un-known. | RE-VACCINATION. | | | PERCENTAGE OF SUCCESSFUL CASES IN WHICH THE RESULTS WERE KNOWN. | | Persons successfully vaccinated per 1,000 of population. | PERCENTAGE OF UNKNOWN CASES TO TOTAL CASES. | | AVERAGE ANNUAL NUMBER OF PERSONS SUCCESSFULLY VACCINATED DURING PREVIOUS FIVE YEARS. | | AVERAGE ANNUAL NUMBER OF DEATHS FROM SMALL-POX DURING PREVIOUS FIVE YEARS. | | No. |
|-----------|-----------------|-------------|-----------|---|------------------|--|---|------------------|--|------------------|--|-----------------|------|
| | Total. | Successful. | Un-known. | Pri-mary. | Re-vac-cination. | | Pri-mary. | Re-vac-cination. | No. | Ratio per 1,000. | No. | Rati per 1,000. | |
| (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) |
| 150 | 7,568 | 5,031 | 349 | 98.41 | 69.69 | 49.31 | .74 | 4.61 | 22,308 | 40.67 | 113 | .21 | 1 |
| 160 | 5,717 | 3,766 | 261 | 98.37 | 69.02 | 42.88 | .77 | 4.57 | ... | ... | ... | ... | ... |
| ... | 1,851 | 1,265 | 88 | 99.41 | 71.75 | 57.75 | ... | 4.75 | ... | ... | ... | ... | ... |
| ... | 605 | 551 | ... | 99.49 | 91.07 | 65.40 | ... | ... | 828 | 37.98 | ... | ... | 2 |
| 145 | 1,148 | 387 | 214 | 95.55 | 41.43 | 42.86 | 5.00 | 18.64 | 11,285 | 59.19 | 29 | .15 | 3 |
| 444 | 1,128 | 985 | 212 | 95.61 | 42.09 | 42.46 | 5.07 | 18.79 | ... | ... | ... | ... | ... |
| 1 | 20 | 2 | 2 | 97.96 | 11.11 | 37.59 | .68 | 10.00 | ... | ... | ... | ... | ... |
| 386 | 1,079 | 222 | 141 | 98.26 | 23.67 | 44.31 | 6.39 | 13.07 | 4,319 | 40.55 | 19 | .18 | 4 |
| 386 | 989 | 211 | 141 | 96.15 | 24.88 | 44.43 | 6.56 | 14.26 | ... | ... | ... | ... | ... |
| ... | 90 | 11 | ... | 100.00 | 12.22 | 40.94 | ... | ... | ... | ... | ... | ... | ... |
| 475 | 23,667* | 8,701 | 5,608 | 99.25 | 48.45 | 53.39 | 4.87 | 23.80 | 17,075 | 54.59 | 192 | .61 | 5 |
| 409 | 2,629 | 205 | 455 | 98.36 | 9.43 | 44.72 | 3.02 | 17.81 | 11,722 | 42.41 | 19 | .07 | 6 |
| 409 | 2,360 | 179 | 455 | 98.27 | 9.40 | 44.51 | 3.18 | 19.28 | ... | ... | ... | ... | ... |
| ... | 269 | 26 | ... | 100.00 | 9.67 | 48.78 | ... | ... | ... | ... | ... | ... | ... |
| 361 | 4,966 | 1,815 | 894 | 99.38 | 44.67 | 44.82 | 2.41 | 18.00 | 13,045 | 37.77 | 44 | .13 | 7 |
| 335 | 4,320 | 1,647 | 742 | 99.39 | 46.03 | 45.30 | 2.35 | 17.13 | ... | ... | ... | ... | ... |
| 26 | 646 | 168 | 152 | 99.17 | 34.01 | 37.82 | 3.48 | 23.63 | ... | ... | ... | ... | ... |
| 566 | 9,182 | 4,580 | 2,257 | 99.96 | 66.14 | 46.48 | 3.00 | 24.58 | 21,203 | 46.40 | 51 | .11 | 8 |
| 545 | 8,667 | 4,272 | 2,156 | 99.96 | 65.61 | 47.07 | 3.19 | 24.88 | ... | ... | ... | ... | ... |
| 21 | 615 | 308 | 101 | 99.66 | 74.40 | 40.28 | 1.43 | 19.61 | ... | ... | ... | ... | ... |
| 802 | 4,817 | 1,123 | 1,530 | 99.60 | 32.21 | 37.08 | 3.75 | 27.61 | 14,997 | 37.01 | 36 | .09 | 9 |
| 568 | 3,990 | 572 | 1,257 | 99.78 | 20.98 | 33.64 | 4.02 | 31.50 | ... | ... | ... | ... | ... |
| 34 | 827 | 551 | 73 | 98.32 | 73.07 | 92.10 | 1.76 | 8.83 | ... | ... | ... | ... | ... |
| 1,075 | 2,606 | 552 | 508 | 99.91 | 27.63 | 37.32 | 7.46 | 20.27 | 11,920 | 31.71 | 15 | .04 | 10 |
| 1,020 | 1,206 | 242 | 84 | 100.00 | 21.67 | 37.41 | 8.02 | 6.97 | ... | ... | ... | ... | ... |
| 45 | 1,300 | 310 | 434 | 99.21 | 35.39 | 36.71 | 2.89 | 32.62 | ... | ... | ... | ... | ... |
| 701 | 5,437 | 1,300 | 930 | 99.43 | 28.90 | 35.56 | 5.87 | 17.27 | 15,861 | 43.98 | 106 | .32 | 11 |
| 666 | 5,107 | 1,239 | 985 | 99.41 | 29.70 | 33.16 | 5.50 | 18.31 | ... | ... | ... | ... | ... |
| 35 | 330 | 61 | 4 | 99.78 | 18.71 | 30.60 | 3.69 | 1.21 | ... | ... | ... | ... | ... |
| 374 | 6,615 | 2,452 | 477 | 96.35 | 56.24 | 49.61 | 3.75 | 7.21 | 11,435 | 45.54 | 82 | .33 | 12 |
| 369 | 4,317 | 1,853 | 432 | 96.32 | 47.70 | 43.68 | 4.09 | 10.01 | ... | ... | ... | ... | ... |
| 5 | 2,298 | 1,599 | 45 | 96.62 | 70.97 | 113.07 | .54 | 1.96 | ... | ... | ... | ... | ... |
| 636 | 5,395 | 2,730 | 1,054 | 97.28 | 62.89 | 37.33 | 4.11 | 19.54 | 22,358 | 48.56 | 188 | .41 | 13 |
| 654 | 4,338 | 1,879 | 948 | 96.90 | 55.43 | 35.98 | 4.40 | 21.35 | ... | ... | ... | ... | ... |
| 32 | 1,057 | 851 | 106 | 99.89 | 89.48 | 48.07 | 1.77 | 10.03 | ... | ... | ... | ... | ... |
| 1,104 | 1,871 | 490 | 484 | 99.62 | 35.33 | 53.13 | 3.68 | 25.87 | 25,528 | 47.29 | 44 | .08 | 14 |
| 803 | 1,405 | 443 | 365 | 99.60 | 42.60 | 54.80 | 2.81 | 25.98 | ... | ... | ... | ... | ... |
| 301 | 466 | 47 | 119 | 100.00 | 13.54 | 30.90 | 29.89 | 25.54 | ... | ... | ... | ... | ... |
| 600 | 5,610 | 2,056 | 1,029 | 99.29 | 44.88 | 64.50 | 2.65 | 18.34 | 15,281 | 43.76 | 29 | .08 | 15 |
| 394 | 4,066 | 1,532 | 768 | 99.27 | 46.45 | 62.04 | 1.90 | 18.89 | ... | ... | ... | ... | ... |
| 206 | 1,544 | 524 | 261 | 99.47 | 40.34 | 105.65 | 10.88 | 16.90 | ... | ... | ... | ... | ... |
| 205 | 9,815 | 2,282 | 804 | 99.20 | 24.77 | 71.78 | .94 | 6.15 | 18,169 | 57.69 | 37 | .09 | 16 |
| 118 | 7,890 | 1,848 | 288 | 99.45 | 21.28 | 72.94 | .56 | 3.65 | ... | ... | ... | ... | ... |
| 87 | 1,925 | 436 | 316 | 92.66 | 27.10 | 56.20 | 9.76 | 16.42 | ... | ... | ... | ... | ... |
| 32 | 3,010 | 610 | 411 | 99.82 | 23.47 | 76.21 | .15 | 13.65 | 12,829 | 47.63 | 21 | .08 | 17 |
| 31 | 2,311 | 468 | 393 | 99.90 | 24.40 | 75.22 | .15 | 17.01 | ... | ... | ... | ... | ... |
| 1 | 699 | 142 | 18 | 98.74 | 20.35 | 93.18 | .07 | 2.58 | ... | ... | ... | ... | ... |

A.—VACCINATION

STATEMENT NO. I—Showing the particulars of Vaccination in the

| No. | Districts. | Population of districts according to census of 1921. | Average population per square mile. | Average number of vaccinators employed throughout the year. | Total number of persons vaccinated. | | | Average number of persons vaccinated by each vaccinator. | PRIMARY VACCINATION | | | |
|-----------------------------|-----------------------------|--|-------------------------------------|---|-------------------------------------|--------|---------|--|---------------------|-----------------|--------------------------|--------------------|
| | | | | | | | | | Total. | Successful. | | |
| | | | | | | | | | | Under one year. | One and under six years. | Total of all ages. |
| (1) | (2) | (3) | (4) | (5) | (6) | | | (7) | (8) | (9) | (10) | (11) |
| TENASSERIM DIVISION. | | | | | | | | | | | | |
| 18 | Salween District ... | 50,379 | 19 | 2 | 5,745 | 1,423 | 4,173 | 2,087 | 3,000+ | 76 | 518 | 2,448 |
| 19 | Thaton District ... | 471,100 | 98 | 12 | 15,023 | 13,655 | 22,679 | 2,310 | 20,012 | 5,904 | 9,691 | 13,753 |
| | Rural ... | 448,841 | ... | 10 | 13,875 | 13,242 | 27,117 | 2,712 | 19,436 | 5,353 | 9,619 | 13,190 |
| | Urban ... | 22,259 | ... | 2 | 1,148 | 414 | 1,562 | 781 | 576 | 441 | 72 | 563 |
| 20 | Amherst District ... | 417,910 | 59 | 11 | 15,327 | 14,516 | 29,743* | 2,702 | 14,000* | 3,904 | 6,080 | 13,152 |
| | Rural ... | 350,022 | ... | 8 | 11,831 | 13,131 | 24,965 | 3,121 | 12,400 | 2,458 | 5,969 | 11,587 |
| | Urban ... | 67,888 | ... | 3 | 3,496 | 1,385 | 4,773* | 1,586 | 1,600* | 1,446 | 111 | 1,565 |
| 21 | Tavoy District ... | 155,783 | 30 | 6 | 4,610 | 5,088 | 9,398 | 1,616 | 6,267+ | 3,945 | 1,900 | 6,101 |
| | Rural ... | 129,395 | ... | 4 | 4,031 | 4,570 | 8,599 | 2,150 | 5,350+ | 2,015 | 1,809 | 5,208 |
| | Urban ... | 27,488 | ... | 2 | 581 | 518 | 1,099 | 550 | 907 | 850 | 31 | 896 |
| 22 | Mergui District ... | 135,463 | 14 | 5 | 3,513 | 2,965 | 6,478 | 1,296 | 5,249 | 740 | 2,351 | 4,180 |
| | Rural ... | 118,168 | ... | 4 | 2,821 | 2,621 | 5,445 | 1,331 | 4,740 | 501 | 2,155 | 3,725 |
| | Urban ... | 17,295 | ... | 1 | 692 | 344 | 1,033 | 1,033 | 609 | 239 | 195 | 454 |
| NORTH-WEST BORDER DIVISION. | | | | | | | | | | | | |
| 23 | Pakokku District ... | 465,771 | 75 | 9 | 16,338 | 17,383 | 34,851 | 3,817 | 17,733 | 6,902 | 7,053 | 16,357 |
| | Rural ... | 446,254 | ... | 8 | 15,819 | 17,703 | 33,521 | 4,190 | 17,235 | 6,631 | 6,856 | 15,870 |
| | Urban ... | 19,517 | ... | 1 | 519 | 281 | 830 | 830 | 498 | 271 | 167 | 427 |
| 24 | Pakokku Hill Tracts ... | 20,043 | 6 | 1 | 481 | 287 | 768 | 768 | 637 | 33 | 311 | 601 |
| 25 | Katha District ... | 233,706 | 10 | 6 | 5,370 | 5,319 | 10,719 | 1,787 | 9,977 | 1,908 | 5,653 | 9,273 |
| 26 | Shwebo District ... | 331,234 | 68 | 10 | 7,956 | 8,420 | 16,376 | 1,658 | 15,770 | 3,563 | 10,252 | 14,843 |
| | Rural ... | 377,937 | ... | 9 | 7,816 | 8,348 | 16,064 | 1,785 | 15,481 | 3,432 | 10,152 | 14,588 |
| | Urban ... | 18,317 | ... | 1 | 140 | 172 | 312 | 312 | 289 | 136 | 110 | 255 |
| 27 | Sagaing District ... | 325,908 | 130 | 7 | 10,859 | 11,730 | 22,589 | 3,237 | 18,973+ | 8,593 | 9,694 | 18,396 |
| | Rural ... | 315,050 | ... | 6 | 10,478 | 11,391 | 21,869 | 3,645 | 18,507+ | 8,343 | 9,475 | 17,931 |
| | Urban ... | 11,858 | ... | 1 | 381 | 339 | 720 | 720 | 466 | 245 | 219 | 465 |
| 28 | Lower Chindwin District ... | 342,330 | 99 | 6 | 8,716 | 8,832 | 17,548 | 2,925 | 13,069+ | 9,062 | 2,572 | 11,986 |
| | Rural ... | 333,655 | ... | 5 | 7,990 | 8,123 | 15,413 | 3,283 | 11,778+ | 8,829 | 2,534 | 11,695 |
| | Urban ... | 9,235 | ... | 1 | 726 | 409 | 1,135 | 1,135 | 291 | 233 | 38 | 291 |
| 29 | Upper Chindwin District ... | 179,245 | 11 | 6 | 4,579 | 5,002 | 9,831 | 1,647 | 8,269+ | 744 | 5,396 | 7,945 |
| 30 | Chin Hills District ... | 110,079 | 14 | 3 | 2,438 | 1,898 | 4,336 | 1,445 | 4,071+ | 120 | 1,338 | 2,990 |
| MANDALAY DIVISION. | | | | | | | | | | | | |
| 31 | Mandalay District ... | 356,631 | 166 | 11 | 12,691 | 13,394 | 26,085 | 2,371 | 19,109+ | 9,691 | 6,942 | 17,238 |
| | Rural ... | 187,707 | ... | 5 | 6,379 | 7,424 | 13,803 | 2,761 | 11,930+ | 4,528 | 5,088 | 10,083 |
| | Urban ... | 168,914 | ... | 6 | 6,312 | 5,970 | 12,282 | 2,017 | 7,179+ | 5,163 | 1,854 | 7,155 |
| 32 | Kyaukse District ... | 143,677 | 111 | 3 | 3,433 | 3,758 | 7,191 | 2,397 | 5,256+ | 3,872 | 1,692 | 5,141 |
| | Rural ... | 138,570 | ... | 3 | 3,178 | 3,556 | 6,734 | 2,247 | 4,325+ | 3,125 | 1,618 | 4,811 |
| | Urban ... | 6,107 | ... | ... | 255 | 202 | 457 | ... | 331 | 247 | 74 | 330 |
| 33 | Meiktila District ... | 289,837 | 127 | 5 | 8,045 | 8,524 | 12,569 | 2,514 | 9,743 | 1,871 | 7,110 | 9,632 |
| | Rural ... | 281,039 | ... | 4 | 5,711 | 6,277 | 11,988 | 2,997 | 9,940 | 1,658 | 6,904 | 9,244 |
| | Urban ... | 8,868 | ... | 1 | 334 | 247 | 581 | 581 | 403 | 218 | 116 | 388 |
| 34 | Yamethin District ... | 323,189 | 77 | 7 | 7,588 | 8,787 | 13,475 | 2,354 | 11,930 | 7,084 | 5,121 | 13,721 |
| | Rural ... | 291,730 | ... | 5 | 6,819 | 8,007 | 14,825 | 2,965 | 13,613 | 6,402 | 4,633 | 12,543 |
| | Urban ... | 28,459 | ... | 2 | 869 | 780 | 1,649 | 825 | 1,317 | 682 | 488 | 1,178 |
| 35 | Myingyan District ... | 442,068 | 161 | 9 | 15,584 | 15,430 | 31,014 | 3,416 | 17,975 | 7,282 | 8,610 | 18,679 |
| | Rural ... | 415,983 | ... | 7 | 14,675 | 14,839 | 29,564 | 4,243 | 17,313 | 6,870 | 8,429 | 16,083 |
| | Urban ... | 26,085 | ... | 2 | 909 | 591 | 1,450 | 735 | 632 | 412 | 181 | 615 |
| 36 | Magwe District ... | 423,353 | 115 | 9 | 15,746 | 15,764 | 31,510 | 3,501 | 18,522+ | 5,665 | 7,253 | 13,081 |
| | Rural ... | 399,612 | ... | 6 | 14,491 | 14,734 | 29,225 | 4,871 | 17,735+ | 5,189 | 6,994 | 17,319 |
| | Urban ... | 23,640 | ... | 3 | 1,255 | 1,030 | 2,235 | 762 | 787 | 467 | 259 | 762 |
| 37 | Minbu District ... | 274,303 | 83 | 7 | 10,820 | 11,847 | 22,667 | 3,288 | 12,556+ | 3,556 | 5,190 | 10,504 |
| | Rural ... | 262,065 | ... | 5 | 9,314 | 10,572 | 19,876 | 3,975 | 11,725+ | 3,899 | 5,105 | 10,068 |
| | Urban ... | 12,238 | ... | 2 | 1,506 | 1,275 | 2,791 | 1,396 | 831+ | 257 | 94 | 436 |

DEPARTMENT.

Province of Burma during the year 1923-24 (Paragraphs 2, 3, 4 and 5).

| Un-known. | RE-VACCINATION. | | | PERCENTAGE OF SUCCESSFUL CASES IN WHICH THE RESULTS WERE KNOWN. | | Persons successfully vaccinated per 1,000 of population. | PERCENTAGE OF UNKNOWN CASES TO TOTAL CASES. | | AVERAGE ANNUAL NUMBER OF PERSONS SUCCESSFULLY VACCINATED DURING PREVIOUS FIVE YEARS. | | AVERAGE ANNUAL NUMBER OF DEATHS FROM SMALL-POX DURING PREVIOUS FIVE YEARS. | | No. |
|-----------|-----------------|-------------|-----------|---|------------------|--|---|------------------|--|------------------|--|------------------|------|
| | Total. | Successful. | Un-known. | Pri-mary. | Re-vacci-nation. | | Pri-mary. | Re-vacci-nation. | No. | Ratio per 1,000. | No. | Ratio per 1,000. | |
| (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) |
| 426 | 1,187 | 340 | 131 | 95.10 | 32.20 | 55.85 | 14.20 | 11.04 | 2,096 | 43.56 | ... | ... | 18 |
| 809 | 8,067 | 2,800 | 1,931 | 97.96 | 42.29 | 45.88 | 4.31 | 22.28 | 20,576 | 47.41 | 94 | 33 | 19 |
| 858 | 7,681 | 2,490 | 1,643 | 97.91 | 40.93 | 45.94 | 4.41 | 21.89 | ... | ... | ... | ... | ... |
| 11 | 986 | 432 | 288 | 99.65 | 61.89 | 41.70 | 1.91 | 29.21 | ... | ... | ... | ... | ... |
| 691 | 15,743 | 5,130 | 2,238 | 98.32 | 37.99 | 43.75 | 4.04 | 14.22 | 24,993 | 64.17 | 99 | 26 | 20 |
| 677 | 12,565 | 9,564 | 1,758 | 98.84 | 32.36 | 43.29 | 5.48 | 13.95 | ... | ... | ... | ... | ... |
| 14 | 3,178 | 1,556 | 485 | 98.08 | 58.15 | 46.12 | ... | 15.25 | ... | ... | ... | ... | ... |
| 84 | 3,527 | 2,088 | 495 | 98.72 | 63.86 | 52.25 | 1.31 | 14.03 | 6,894 | 45.52 | ... | ... | 31 |
| 84 | 3,335 | 1,942 | 488 | 98.71 | 68.21 | 55.30 | 1.57 | 14.63 | ... | ... | ... | ... | ... |
| ... | 192 | 146 | 7 | 93.79 | 78.92 | 37.92 | ... | 3.65 | ... | ... | ... | ... | ... |
| 584 | 1,229 | 476 | 222 | 89.60 | 47.47 | 34.37 | 11.13 | 13.06 | 4,849 | 40.06 | 45 | 39 | 22 |
| 514 | 705 | 199 | 113 | 88.80 | 33.61 | 33.22 | 11.48 | 16.03 | ... | ... | ... | ... | ... |
| 40 | 524 | 277 | 109 | 93.80 | 66.75 | 43.26 | 7.36 | 10.80 | ... | ... | ... | ... | ... |
| 790 | 16,618 | 2,438 | 925 | 96.54 | 15.54 | 40.35 | 4.45 | 5.57 | 18,140 | 33.78 | 27 | 08 | 23 |
| 780 | 16,238 | 2,414 | 855 | 96.41 | 15.64 | 40.97 | 4.53 | 5.26 | ... | ... | ... | ... | ... |
| 10 | 332 | 24 | 69 | 99.60 | 9.13 | 26.20 | 2.01 | 20.76 | ... | ... | ... | ... | ... |
| 1 | 131 | 103 | ... | 94.50 | 77.86 | 35.07 | ... | ... | ... | ... | ... | ... | 24 |
| 492 | 742 | 226 | 66 | 97.76 | 33.43 | 40.65 | 4.93 | 8.89 | 9,186 | 38.91 | ... | ... | 25 |
| 325 | 603 | 314 | 69 | 96.10 | 53.47 | 38.74 | 2.06 | 11.39 | 13,450 | 35.35 | 55 | 15 | 26 |
| 295 | 533 | 303 | 63 | 96.07 | 58.27 | 33.40 | 1.91 | 10.81 | ... | ... | ... | ... | ... |
| 29 | 93 | 11 | 6 | 98.08 | 64.71 | 19.03 | 10.03 | 26.03 | ... | ... | ... | ... | ... |
| 181 | + 3,957 | 2,533 | 566 | 97.89 | 75.73 | 64.13 | ... | 14.30 | 21,061 | 53.12 | 75 | 34 | 27 |
| 131 | + 3,703 | 2,370 | 565 | 97.84 | 75.33 | 64.44 | ... | 15.26 | ... | ... | ... | ... | ... |
| ... | 254 | 193 | 1 | 99.79 | 78.26 | 55.91 | ... | ... | ... | ... | ... | ... | ... |
| 1 | 5,545 | 4,722 | 252 | 99.32 | 86.21 | 43.73 | ... | 4.54 | 16,165 | 49.46 | 21 | 06 | 28 |
| 1 | 4,701 | 3,935 | 252 | 99.30 | 83.45 | 46.84 | ... | 5.36 | ... | ... | ... | ... | ... |
| ... | 844 | 787 | ... | 100.00 | 93.25 | 116.83 | ... | ... | ... | ... | ... | ... | ... |
| 132 | 1,616 | 965 | 55 | 97.34 | 61.32 | 49.71 | 1.60 | 3.40 | 9,733 | 55.91 | ... | ... | 29 |
| 1,004 | 273 | 113 | 92 | 97.49 | 62.43 | 28.19 | 24.68 | 33.70 | 2,192 | 13.94 | ... | ... | 30 |
| 1,756 | 7,017 | 3,242 | 567 | 99.34 | 50.26 | 57.43 | 9.19 | 8.08 | 20,743 | 59.78 | 273 | 30 | 31 |
| 1,753 | 1,907 | 931 | 243 | 98.08 | 55.95 | 53.63 | 14.69 | 13.74 | ... | ... | ... | ... | ... |
| 3 | 5,110 | 2,311 | 324 | 99.71 | 48.29 | 53.04 | ... | 6.34 | ... | ... | ... | ... | ... |
| 100 | + 1,975 | 1,293 | 236 | 99.71 | 77.10 | 45.09 | 1.90 | 15.09 | 5,836 | 41.13 | 2 | 01 | 32 |
| 99 | + 1,849 | 1,249 | 234 | 99.69 | 80.32 | 41.37 | 2.01 | 15.90 | ... | ... | ... | ... | ... |
| 1 | 136 | 44 | 4 | 100.00 | 33.07 | 61.24 | ... | 3.17 | ... | ... | ... | ... | ... |
| 104 | 2,825 | 875 | 1,230 | 99.93 | 51.82 | 33.24 | 1.07 | 43.52 | 9,755 | 31.39 | 24 | 09 | 33 |
| 89 | 2,648 | 773 | 1,210 | 99.92 | 53.76 | 35.64 | ... | 45.69 | ... | ... | ... | ... | ... |
| 15 | 178 | 102 | 20 | 100.00 | 64.56 | 55.26 | 3.72 | 11.24 | ... | ... | ... | ... | ... |
| 807 | 1,545 | 746 | 242 | 97.15 | 57.25 | 44.76 | 5.41 | 15.65 | 41,786 | 133.46 | 11 | 03 | 34 |
| 723 | 1,213 | 596 | 175 | 97.35 | 57.42 | 44.58 | 5.34 | 14.43 | ... | ... | ... | ... | ... |
| 79 | 332 | 150 | 67 | 95.15 | 56.63 | 46.66 | ... | 20.18 | ... | ... | ... | ... | ... |
| 995 | 13,099 | 5,744 | 2,044 | 98.23 | 52.24 | 50.73 | 5.54 | 15.38 | 12,409 | 29.80 | 137 | 45 | 35 |
| 984 | 12,221 | 5,243 | 1,981 | 98.19 | 51.20 | 51.23 | 5.67 | 16.31 | ... | ... | ... | ... | ... |
| 11 | 818 | 501 | 63 | 99.19 | 63.36 | 42.92 | 1.74 | 7.70 | ... | ... | ... | ... | ... |
| 136 | 12,995 | 5,893 | 1,382 | 98.61 | 50.74 | 56.61 | 1.00 | 10.63 | 15,421 | 40.02 | 33 | 09 | 36 |
| 166 | 11,497 | 5,047 | 1,031 | 98.58 | 43.50 | 55.67 | ... | 3.49 | ... | ... | ... | ... | ... |
| 20 | 1,438 | 846 | 291 | 99.35 | 70.09 | 63.02 | 2.54 | 10.43 | ... | ... | ... | ... | ... |
| 1,620 | + 10,346 | 4,178 | 3,407 | 98.04 | 60.21 | 53.52 | 13.90 | 32.93 | 8,865 | 33.11 | 25 | 09 | 37 |
| 1,251 | + 8,377 | 3,749 | 2,093 | 96.12 | 59.66 | 52.72 | 10.67 | 24.99 | ... | ... | ... | ... | ... |
| 369 | 1,969 | 429 | 1,314 | 94.37 | 65.50 | 79.63 | 44.40 | 66.73 | ... | ... | ... | ... | ... |

A.—VACCINATION

STATEMENT NO. I—*Showing particulars of Vaccination in the*

| No. | Districts. | Population of districts according to census of 1924. | 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 vaccinators. | PRIMARY VACCINATION. | | | |
|-------------------------------|--------------------------|--|-------------------------------------|---|-------------------------------------|---------|---------|---|----------------------|-----------------|--------------------------|--------------------|
| | | | | | Males. | Females | Total. | | Total. | Successful. | | |
| | | | | | | | | | | Under one year. | One and under six years. | Total of all ages. |
| 1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | | |
| NORTH-EAST FRONTIER DIVISION. | | | | | | | | | | | | |
| 38 | Putao District ... | 7,673 | 38 | ... | 536 | 166 | 702* | ... | 686* | 25 | 129 | 265 |
| 39 | Myitkyina District ... | 138,401 | 12 | 2 | 854 | 743 | 1,597 | 799 | 1,385 | 251 | 798 | 1,927 |
| | Rural ... | 133,445 | ... | 2 | 559 | 562 | 1,121 | 561 | 949 | 212 | 568 | 949 |
| | Urban ... | 4,956 | ... | ... | 295 | 181 | 476 | ... | 436 | 39 | 230 | 378 |
| 40 | Bhamo District ... | 112,960 | 16 | 4 | 2,572 | 1,898 | 4,470 | 1,118 | 3,904 | 640 | 1,982 | 3,727 |
| | Rural ... | 105,219 | ... | 8 | 2,168 | 1,782 | 3,946 | 1,915 | 3,749 | 484 | 1,925 | 3,491 |
| | Urban ... | 7,741 | ... | 1 | 409 | 116 | 525 | 525 | 245 | 156 | 57 | 286 |
| 41 | Northern Shan States ... | 559,223 | 28 | 19 | 10,156 | 9,562 | 19,718 | 1,038 | 19,293 | 1,706 | 9,727 | 17,735 |
| | Rural ... | 555,775 | ... | 19 | 9,857 | 9,413 | 19,270 | 1,014 | 18,974 | 1,644 | 9,635 | 17,494 |
| | Urban ... | 3,448 | ... | ... | 299 | 149 | 448 | ... | 264 | 62 | 92 | 241 |
| 42 | Southern Shan States ... | 911,463 | 23 | 15 | 13,946 | 14,003 | 27,961 | 1,866 | 26,433 | 1,163 | 13,170 | 25,817 |
| GRAND TOTAL FOR 1923-24. | | 15,169,099 | 56 | 340 | 384,838 | 366,702 | 751,540 | 2,196 | 544,341 | 151,308 | 265,719 | 514,577 |
| | Rural ... | 11,941,618 | ... | 265 | 320,147 | 322,980 | 653,127 | 2,462 | 500,178 | 135,600 | 253,128 | 472,799 |
| | U ... | 1,227,481 | .. | 75 | 64,691 | 33,722 | 98,413 | 1,255 | 44,163 | 25,703 | 13,591 | 41,778 |

FOOT-NOTES.—This statement does not include the figures for Dispensary Vaccination which are shown
 * Work done by other
 Column 7 does not include
 Column 13 includes re-vacc
 † Secondary ope

DEPARTMENT.

Province of Burma during the year 1923-24. (Paragraphs 2, 3, 4 and 5).

| Un-known. | RE-VACCINATION. | | | PERCENTAGE OF SUCCESSFUL CASES IN WHICH THE RESULTS WERE KNOWN. | | Persons successfully vaccinated per 1,000 of population. | PERCENTAGE OF UN-KNOWN CASES TO TOTAL CASES. | | AVERAGE ANNUAL NUMBER OF PERSONS SUCCESSFULLY VACCINATED DURING PREVIOUS FIVE YEARS. | | AVERAGE ANNUAL NUMBER OF DEATHS FROM SMALL-POX DURING PREVIOUS FIVE YEARS. | | No. |
|-----------|-----------------|-------------|-----------|---|------------------|--|--|------------------|--|------------------|--|------------------|------|
| | Total. | Successful. | Un-known. | Pri-mary. | Re-vac-cination. | | Pri-mary. | Re-vac-cination. | No. | Ratio per 1,000. | No. | Ratio per 1,000. | |
| (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) |
| 880 | 161 | 9 | 7 | 86.60 | 100.00 | 35.71 | 55.39 | 43.75 | 168 | 8.69 | ... | ... | 38 |
| 58 | 212 | 121 | 20 | 100.00 | 63.02 | 10.48 | 4.19 | 9.43 | 2,440 | 24.73 | ... | ... | 39 |
| ... | 172 | 97 | 11 | 100.00 | 60.25 | 7.84 | ... | 6.40 | ... | ... | ... | ... | ... |
| 58 | 40 | 24 | 9 | 100.00 | 77.42 | 81.11 | 13.30 | 22.50 | ... | ... | ... | ... | ... |
| 204 | 476 | 293 | 29 | 98.94 | 65.55 | 35.39 | 5.11 | 6.09 | 3,365 | 30.63 | ... | ... | 40 |
| 203 | 196 | 92 | 13 | 98.45 | 50.27 | 34.05 | 5.41 | 6.63 | ... | ... | ... | ... | ... |
| 1 | 280 | 201 | 16 | 96.73 | 76.14 | 56.45 | 4.1 | 5.71 | ... | ... | ... | ... | ... |
| 1,056 | 480 | 321 | 64 | 97.54 | 77.16 | 32.29 | 5.49 | 13.33 | 11,598 | 21.84 | ... | ... | 41 |
| 1,064 | 296 | 197 | 59 | 97.62 | 83.12 | 31.83 | 5.56 | 19.98 | ... | ... | ... | ... | ... |
| 3 | 184 | 124 | 5 | 91.98 | 69.27 | 105.86 | 7.8 | 2.72 | ... | ... | ... | ... | ... |
| 302 | 1,518 | 671 | 54 | 98.30 | 45.83 | 29.06 | 1.14 | 3.56 | 15,797 | 17.46 | ... | ... | 42 |
| 21,289 | 208,106 | 81,817 | 32,140 | 98.38 | 43.76 | 45.29 | 3.31 | 15.92 | 548,133 | 43.66 | 1,989 | 1.19 | ... |
| 19,837 | 153,834 | 58,642 | 22,745 | 98.33 | 44.74 | 44.50 | 3.87 | 14.79 | ... | ... | ... | ... | ... |
| 1,932 | 54,273 | 23,175 | 10,395 | 98.93 | 52.82 | 52.92 | 4.37 | 19.15 | ... | ... | ... | ... | ... |

separately in Statement No. III, Jail Vaccination is also not included in this Statement.
 agencies included.
 work done by other agencies,
 nation successful cases.
 ations included.

SUMMARY.

| (1) | Total number of persons vaccinated. | | Total number of operations performed. | | Percentage of successful cases in which results were known. | | Average number of persons vaccinated by each vaccinator. | | Number of children successfully vaccinated. | | (12) | (13) | (14) |
|-------------------------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---|---------------------|--|--|---|------------------------------------|--------------|-------------------------|-----------------|
| | (2) Primary. | (3) Re-vaccination. | (4) Primary. | (5) Re-vaccination. | (6) Primary. | (7) Re-vaccination. | (8) Vaccinators employed. | (9) Persons vaccinated by each vaccinator. | (10) Under one year. | (11) One year and under six years. | | | |
| By Special Staff (Statement I) ... | 541,860 | 404,681 | 642,681 | 204,767 | 98.38 | 46.96 | 340 | 2,196 | 161,096 | 265,256 | 45.20 | Rs. A. P. 8,48,263 0 10 | Rs. A. P. 0 9 3 |
| By Dispensary Staff (Statement III) | 4,534 | 1,804 | 4,584 | 1,804 | 98.10 | 60.32 | .. | .. | 441 | 1,421 | .34 | .. | .. |
| By Other Agencies, if any ... | 1,660 | 8,389 | 1,660 | 3,859 | 94.86 | 19.59 | .. | .. | 207 | 463 | .09 | .. | .. |
| Total for 1923-24 ... | 548,054 | 209,824 | 648,875 | 209,910 | 98.37 | 46.86 | 340 | 2,196 | 161,744 | 267,140 | 45.62 | ... | ... |

A.—VACCINATION

STATEMENT NO. II—Showing the cost of the Department in the

| No. | Divisions and Districts. | District Health Officers. | Pay. | | Inspectors of Vaccination. | Pay. | | Vaccinators. | Pay. | |
|-------------------------------|---|---------------------------|-------|-------|----------------------------|--------|-------|--------------|---------|-------|
| | | | (4) | (5) | | (6) | (7) | | (8) | |
| (1) | (2) | (3) | Rs. | A. P. | (5) | Rs. | A. P. | (7) | Rs. | A. P. |
| ARAKAN DIVISION. | | | | | | | | | | |
| 1 | Akyab | ... | ... | ... | 1 | 600 | 0 0 | 11 | 4,528 | 2 6 |
| 2 | Hill District of Arakan | ... | ... | ... | ... | ... | ... | 2 | 1,209 | 0 0 |
| 3 | Kyaukpyu | ... | ... | ... | 1 | 470 | 0 0 | 6 | 2,507 | 15 9 |
| 4 | Sandoway | ... | ... | ... | 1 | 688 | 11 0 | 4 | 1,350 | 6 0 |
| RANGOON DIVISION. | | | | | | | | | | |
| 5 | Rangoon | ... | ... | ... | 10 | ... | ... | 16 | 3,764 | 1 0 |
| 6 | Insein | ... | ... | ... | 2 | 2,066 | 6 1 | 6 | 3,755 | 0 0 |
| 7 | Hanthawaddy | ... | ... | ... | 3 | 1,270 | 0 0 | 8 | 4,109 | 2 8 |
| Pegu DIVISION. | | | | | | | | | | |
| 8 | Tharrawaddy | ... | ... | ... | 6 | 2,250 | 0 0 | 8 | 3,457 | 0 0 |
| 9 | Pegu | ... | ... | ... | 2 | 2,653 | 8 0 | 8 | 4,684 | 0 0 |
| 10 | Prome | ... | ... | ... | 1 | 1,029 | 0 6 | 12 | 5,231 | 14 11 |
| 11 | Toungoo | ... | ... | ... | 3 | 2,354 | 4 5 | 13 | 5,299 | 1 1 |
| 12 | Thayetmyo | ... | ... | ... | 2 | 1,320 | 0 0 | 8 | 3,632 | 0 0 |
| IRRAWADDY DIVISION. | | | | | | | | | | |
| 13 | Bassein | ... | ... | ... | 3 | 1,740 | 0 0 | 14 | 5,752 | 0 7 |
| 14 | Henzada | ... | ... | ... | 4 | 1,320 | 0 0 | 14 | 6,330 | 10 9 |
| 15 | Myaungmya | ... | ... | ... | 5 | 1,801 | 13 0 | 15 | 5,733 | 0 0 |
| 16 | Ma-ubin | ... | ... | ... | 4 | 1,800 | 0 0 | 10 | 3,960 | 11 4 |
| 17 | Pyapön | ... | ... | ... | 4 | 1,555 | 7 4 | 10 | 4,078 | 10 1 |
| TENASSERIM DIVISION. | | | | | | | | | | |
| 18 | Salween | ... | ... | ... | ... | ... | ... | 2 | 877 | 13 0 |
| 19 | Thatön | ... | ... | ... | 2 | 2,016 | 11 0 | 12 | 4,950 | 10 6 |
| 20 | Amherst | ... | ... | ... | 4 | 1,421 | 5 4 | 11 | 4,835 | 0 5 |
| 21 | Tavoy | ... | ... | ... | 1 | 1,200 | 0 0 | 6 | 2,754 | 4 0 |
| 22 | Mergui | ... | ... | ... | 1 | 1,851 | 8 9 | 5 | 2,670 | 9 9 |
| NORTH-WEST BORDER DIVISION. | | | | | | | | | | |
| 23 | Pakökku | ... | ... | ... | 1 | 2,281 | 0 | 9 | 3,792 | 4 6 |
| 24 | Pakökku Hill Tracts | ... | ... | ... | ... | ... | ... | 1 | 554 | 4 0 |
| 25 | Katha | ... | ... | ... | 2 | 3,506 | 0 0 | 6 | 3,088 | 8 0 |
| 26 | Shwebo | ... | ... | ... | 1 | 1,637 | 14 0 | 10 | 4,499 | 3 0 |
| 27 | Sagaing | ... | ... | ... | 1 | 1,909 | 3 6 | 7 | 3,217 | 2 2 |
| 28 | Lower Chindwin | ... | ... | ... | 1 | 2,370 | 0 0 | 6 | 2,543 | 14 0 |
| 29 | Upper Chindwin | ... | ... | ... | 1 | 1,921 | 0 | 6 | 3,551 | 6 0 |
| 30 | Chin Hills | ... | ... | ... | ... | ... | ... | 3 | 2,010 | 15 0 |
| MANDALAY DIVISION. | | | | | | | | | | |
| 31 | Mandalay | ... | ... | ... | 1 | 900 | 0 0 | 11 | 6,200 | 6 0 |
| 32 | Kyaukse | ... | ... | ... | 1 | 800 | 0 0 | 3 | 1,428 | 0 0 |
| 33 | Meiktila | ... | ... | ... | 1 | 1,632 | 11 0 | 5 | 2,182 | 11 6 |
| 34 | Yamethin | ... | ... | ... | 2 | 2,266 | 3 9 | 7 | 3,266 | 3 0 |
| 35 | Myingyan | ... | ... | ... | 4 | 775 | 0 0 | 9 | 3,853 | 14 1 |
| 36 | Magwe | ... | ... | ... | 3 | 1,071 | 5 0 | 9 | 4,447 | 9 0 |
| 37 | Minbu | ... | ... | ... | 2 | 471 | 12 0 | 7 | 2,836 | 11 6 |
| NORTH-EAST FRONTIER DIVISION. | | | | | | | | | | |
| 38 | Putao | ... | ... | ... | ... | ... | ... | 2 | 1,357 | 8 0 |
| 39 | Myitkyina | ... | ... | ... | ... | ... | ... | 4 | 2,129 | 7 0 |
| 40 | Bhamo | ... | ... | ... | ... | ... | ... | 19 | 6,720 | 4 0 |
| 41 | Northern Shan States | ... | ... | ... | ... | ... | ... | 15 | 7,117 | 0 0 |
| 42 | Southern Shan States | ... | ... | ... | 3 | 2,390 | 0 0 | ... | ... | ... |
| 43 | Meiktila Vaccine Depot | 1 | 1,800 | 0 0 | 1 | 1,775 | 14 0 | ... | ... | ... |
| 44 | Office of Director of Public Health, Burma. | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total | | 1 | 1,800 | 0 0 | 85 | 55,533 | 5 8 | 340 | 150,258 | 5 1 |

* Including Bonus Rs. 1,080

DEPARTMENT.
Province of Burma during the year 1923-24 (Paragraph 15).

Expenditure.

| Clerks. (9) | Pay. (10) | | | Peons, etc. (11) | Pay. (12) | | | Total Pay of establishment. (13) | | | Travelling allowance. (14) | | | Contingen- cies. (15) | | | | |
|----------------|--------------|-----|-----|------------------------|--------------|-----|-------|--|-----|----------|----------------------------------|-----|----------|-----------------------------|-----|--------|----|---|
| | Rs. | A. | P. | | Rs. | A. | P. | Rs. | A. | P. | Rs. | A. | P. | Rs. | A. | P. | | |
| ... | ... | ... | ... | ... | ... | ... | ... | 5,128 | 2 | 6 | ... | ... | ... | ... | ... | ... | 1 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 1,209 | 0 | 0 | ... | ... | ... | ... | ... | ... | 2 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 2,977 | 15 | 9 | ... | ... | ... | ... | ... | ... | 3 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 2,039 | 1 | 0 | ... | ... | ... | ... | ... | ... | 4 | |
| ... | ... | ... | ... | 2 | ... | ... | ... | 4,196 | 1 | 0 | ... | ... | ... | ... | ... | ... | 5 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 5,821 | 6 | 1 | ... | ... | ... | ... | ... | ... | 6 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 5,379 | 2 | 8 | ... | ... | ... | ... | ... | ... | 7 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 5,707 | 0 | 0 | ... | ... | ... | ... | ... | ... | 8 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 7,337 | 8 | 0 | ... | ... | ... | ... | ... | ... | 9 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 5,260 | 15 | 5 | ... | ... | ... | ... | ... | ... | 10 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 8,153 | 5 | 6 | ... | ... | ... | ... | ... | ... | 11 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 4,853 | 0 | 0 | ... | ... | ... | ... | ... | ... | 12 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 7,492 | 0 | 7 | ... | ... | ... | ... | ... | ... | 13 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 7,710 | 10 | 9 | ... | ... | ... | ... | ... | ... | 14 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 7,584 | 13 | 0 | ... | ... | ... | ... | ... | ... | 15 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 5,769 | 11 | 4 | ... | ... | ... | ... | ... | ... | 16 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 5,634 | 1 | 5 | ... | ... | ... | ... | ... | ... | 17 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 877 | 13 | 0 | ... | ... | ... | ... | ... | ... | 18 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 6,997 | 5 | 6 | ... | ... | ... | ... | ... | ... | 19 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 6,356 | 5 | 9 | ... | ... | ... | ... | ... | ... | 20 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 3,954 | 4 | 0 | ... | ... | ... | ... | ... | ... | 21 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 4,555 | 2 | 6 | ... | ... | ... | ... | ... | ... | 22 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 6,173 | 7 | 6 | ... | ... | ... | ... | ... | ... | 23 | |
| ... | ... | ... | 1 | ... | ... | ... | ... | 824 | 4 | 0 | ... | ... | ... | ... | ... | ... | 24 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 6,594 | 8 | 0 | ... | ... | ... | ... | ... | ... | 25 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 6,130 | 1 | 0 | ... | ... | ... | ... | ... | ... | 26 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 5,126 | 5 | 8 | ... | ... | ... | ... | ... | ... | 27 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 4,918 | 14 | 0 | ... | ... | ... | ... | ... | ... | 28 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 5,472 | 14 | 0 | ... | ... | ... | ... | ... | ... | 29 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 2,010 | 15 | 0 | ... | ... | ... | ... | ... | ... | 30 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 7,100 | 6 | 0 | ... | ... | ... | ... | ... | ... | 31 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 2,028 | 0 | 0 | ... | ... | ... | ... | ... | ... | 32 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 3,805 | 8 | 6 | ... | ... | ... | ... | ... | ... | 33 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 5,532 | 6 | 9 | ... | ... | ... | ... | ... | ... | 34 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 4,628 | 14 | 1 | ... | ... | ... | ... | ... | ... | 35 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 5,518 | 14 | 0 | ... | ... | ... | ... | ... | ... | 36 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 3,208 | 7 | 6 | ... | ... | ... | ... | ... | ... | 37 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 1,857 | 8 | 0 | ... | ... | ... | ... | ... | ... | 38 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 2,129 | 7 | 0 | ... | ... | ... | ... | ... | ... | 39 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 6,720 | 4 | 0 | ... | ... | ... | ... | ... | ... | 40 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 11,447 | 4 | 0 | ... | ... | ... | ... | ... | ... | 41 | |
| ... | ... | ... | ... | ... | ... | ... | ... | 8,548 | 8 | 0 | ... | ... | ... | ... | ... | ... | 42 | |
| ... | 4,972 | 10 | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 43 | |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 44 | |
| ... | 4,972 | 10 | 0 | ... | ... | ... | 2,642 | 4 | 0 | 2,15,206 | 8 | 9 | 1,07,347 | 11 | 1 | 23,707 | 13 | 0 |

on account of revision of pay

A.—VACCINATION

STATEMENT NO. II—*Showing the cost of the Department in the*

| No. | Divisions and Districts. | Expenditure. | | Paid | | | |
|--------------------------------------|---|--------------|-------|--|-------------------|-----------|----------------------------|
| | | Total Cost. | | Deputy Commis- sioner's Local Funds. | Provincial Funds. | | District Council Funds. |
| (1) | (2) | (16) | | (17) | (18) | | (19) |
| | | Rs. | A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. |
| ARAKAN DIVISION. | | | | | | | |
| 1 | Akyab | 8,267 | 7 3 | ... | ... | 7,247 | 7 6 |
| 2 | Hill District of Arakan | 1,740 | 15 0 | ... | 1,740 15 0 | ... | ... |
| 3 | Kyaukpyu | 4,624 | 8 9 | 4,445 1 7 | ... | ... | ... |
| 4 | Sandoway | 3,076 | 14 0 | 2,932 14 0 | ... | ... | ... |
| RANGOON DIVISION | | | | | | | |
| 5 | Rangoon | 9,994 | 7 9 | ... | 807 1 0 | ... | ... |
| 6 | Insein | 10,056 | 2 1 | ... | ... | 9,037 | 8 1 |
| 7 | Hanthawaddy | 9,916 | 4 8 | ... | ... | 9,174 | 4 8 |
| PEGU DIVISION. | | | | | | | |
| 8 | Tharrawaddy | 9,025 | 9 0 | ... | ... | 8,125 | 9 0 |
| 9 | Pegu | 11,732 | 12 6 | ... | ... | 10,532 | 12 6 |
| 10 | Prome | 9,052 | 11 5 | ... | ... | 7,948 | 12 6 |
| 11 | Toungoo | 12,428 | 0 6 | ... | ... | 11,808 | 2 3 |
| 12 | Thayetmyo | 7,552 | 0 0 | ... | ... | 6,446 | 0 0 |
| IRRAWADDY DIVISION. | | | | | | | |
| 13 | Bassein | 10,902 | 9 1 | ... | ... | 8,916 | 10 6 |
| 14 | Henzada | 12,459 | 6 9 | ... | ... | 11,240 | 0 0 |
| 15 | Myaungmya | 11,892 | 15 0 | ... | ... | 10,412 | 5 0 |
| 16 | Ma-ubin | 9,718 | 14 4 | ... | ... | 8,730 | 13 4 |
| 17 | Pyapón | 9,378 | 12 5 | ... | ... | 8,298 | 12 5 |
| TENASSERIM DIVISION. | | | | | | | |
| 18 | Salween | 1,577 | 4 0 | 905 7 0 | 671 13 0 | ... | ... |
| 19 | Thatón | 10,531 | 10 0 | ... | ... | 9,744 | 2 6 |
| 20 | Amherst | 9,577 | 9 9 | ... | 2,557 11 0 | 5,907 | 14 9 |
| 21 | Tavoy | 6,867 | 3 0 | ... | ... | 6,117 | 3 0 |
| 22 | Mergui | 6,367 | 4 6 | ... | ... | 5,726 | 6 6 |
| NORTH-WEST BORDER DIVISION. | | | | | | | |
| 23 | Pakókku | 9,641 | 12 6 | ... | 9,211 12 6 | ... | ... |
| 24 | Pakókku Hill Tracts | 1,173 | 0 0 | ... | 1,173 0 0 | ... | ... |
| 25 | Katha | 9,569 | 8 0 | ... | 9,569 8 0 | ... | ... |
| 26 | Shwebo | 9,045 | 1 6 | ... | 8,660 14 6 | ... | ... |
| 27 | Sagaing | 7,055 | 5 8 | ... | 6,568 15 6 | ... | ... |
| 28 | Lower Chindwin | 6,998 | 3 0 | ... | 6,634 3 0 | ... | ... |
| 29 | Upper Chindwin | 8,158 | 10 0 | ... | 8,158 10 0 | ... | ... |
| 30 | Chin Hills | 2,859 | 3 0 | ... | 2,859 3 0 | ... | ... |
| MANDALAY DIVISION. | | | | | | | |
| 31 | Mandalay | 9,307 | 8 0 | ... | 5,785 9 0 | ... | ... |
| 32 | Kyaukse | 3,216 | 7 0 | ... | 3,216 7 0 | ... | ... |
| 33 | Meiktila | 6,003 | 0 6 | ... | 5,629 0 6 | ... | ... |
| 34 | Yaméthin | 8,224 | 14 9 | ... | 7,150 10 0 | ... | ... |
| 35 | Myiagyan | 7,315 | 12 1 | ... | 6,479 9 5 | ... | ... |
| 36 | Magwe | 7,868 | 13 0 | ... | 6,272 13 0 | ... | ... |
| 37 | Minbu | 4,260 | 12 6 | ... | 3,394 13 0 | ... | ... |
| NORTH-EAST FRONTIER DIVISION. | | | | | | | |
| 38 | Putao | ... | ... | ... | ... | ... | ... |
| 39 | Myitkyina | 1,823 | 7 0 | ... | 1,823 7 0 | ... | ... |
| 40 | Bhamo | 3,110 | 13 0 | ... | 2,665 13 0 | ... | ... |
| 41 | Northern Shan States | 10,538 | 4 0 | ... | ... | ... | ... |
| 42 | Southern Shan States | 16,093 | 12 7 | ... | ... | ... | ... |
| 43 | Meiktila Vaccine Depot | 23,920 | 14 6 | ... | 23,920 14 6 | ... | ... |
| 44 | Office of Director of Public Health, Burma. | 320 | 8 6 | ... | 320 8 6 | ... | ... |
| Total ... | | 3,43,262 | 0 10 | 8,288 6 7 | 1,25,304 3 5 | 1,48,559 | 12 11 |

* The average cost in column 24 is calculated on the total number of successful
 (e) No share of pay of 4 Health Visitors and 1 Assistant Registrar-Vaccinator of Rangoon Corporation have been
 This includes 26 Sub-Assistant Surgeons who are receiving vaccination allowance, or who have been appointed
 Meiktila, 46 Inspectors of

DEPARTMENT.

Province of Burma during the year 1923-24 (Paragraph 15).

| from | | | Number of all successful vaccinations and re-vaccinations by special staff only. (28) | Average cost of each successful case.* (24) | No. (25) |
|----------------------|----------------------|---------------|---|---|----------|
| Municipalities. (20) | Federated Fund, (21) | Total. (22) | | | |
| Rs. A. P. | Rs. A. P. | Rs. A. P. | | Rs. A. P. | |
| 1,019 15 9 | ... | 8,267 7 3 | 24,964 | 0 5 4 | 1 |
| ... | ... | 1,740 15 0 | 1,926 | 1 5 0 | 2 |
| 189 7 2 | ... | 4,634 8 9 | 8,467 | 0 8 9 | 3 |
| 144 0 0 | ... | 3,076 14 0 | 4,964 | 0 9 11 | 4 |
| 9,187 6 9 | ... | 9,694 7 9 | 17,420 | 0 9 2 | 5 |
| 1,018 10 0 | ... | 10,066 2 1 | 13,106 | 0 12 3 | 6 |
| 742 0 0 | ... | 9,316 4 8 | 16,343 | 0 9 8 | 7 |
| 900 0 0 | ... | 9,025 9 0 | 22,886 | 0 6 4 | 8 |
| 1,200 0 0 | ... | 11,732 12 6 | 16,099 | 0 11 8 | 9 |
| 1,703 14 11 | ... | 9,052 11 5 | 13,866 | 0 10 5 | 10 |
| 1,234 13 10 | ... | 12,438 0 6 | 13,578 | 0 14 8 | 11 |
| 1,066 0 0 | ... | 7,562 0 0 | 12,670 | 0 9 6 | 12 |
| 1,985 14 7 | ... | 10,902 9 1 | 18,272 | 0 9 7 | 13 |
| 1,219 6 9 | ... | 12,469 6 9 | 29,270 | 0 6 10 | 14 |
| 1,480 10 0 | ... | 11,892 16 0 | 23,899 | 0 8 0 | 15 |
| 988 1 0 | ... | 9,718 14 4 | 23,695 | 0 6 7 | 16 |
| 1,080 0 0 | ... | 9,378 12 5 | 22,023 | 0 6 10 | 17 |
| ... | ... | 1,577 4 0 | 2,788 | 0 9 1 | 18 |
| 787 7 6 | ... | 10,531 10 0 | 21,615 | 0 7 10 | 19 |
| 1,812 0 0 | ... | 9,577 9 9 | 18,263 | 0 8 5 | 20 |
| 750 0 0 | ... | 6,867 3 0 | 8,192 | 0 13 5 | 21 |
| 640 14 0 | ... | 6,367 4 6 | 4,656 | 1 5 10 | 22 |
| 430 0 0 | ... | 9,641 12 6 | 18,795 | 0 8 2 | 23 |
| ... | ... | 1,173 0 0 | 703 | 1 10 8 | 24 |
| ... | ... | 9,569 8 0 | 9,499 | 1 0 1 | 25 |
| 381 3 0 | ... | 9,045 1 6 | 15,167 | 0 9 7 | 26 |
| 486 6 2 | ... | 7,055 5 8 | 20,964 | 0 5 5 | 27 |
| 864 0 0 | ... | 6,998 3 0 | 16,708 | 0 6 8 | 28 |
| ... | ... | 8,158 10 0 | 8,910 | 0 14 8 | 29 |
| ... | ... | 2,859 3 0 | 3,103 | 0 14 9 | 30 |
| 3,521 15 0 | ... | 9,207 8 0 | 20,480 | 0 7 3 | 31 |
| ... | ... | 3,216 7 0 | 6,434 | 0 8 0 | 32 |
| 374 0 0 | ... | 6,703 0 6 | 10,607 | 0 9 2 | 33 |
| 1,044 4 9 | ... | 8,224 14 9 | 14,467 | 0 9 1 | 34 |
| 836 2 8 | ... | 7,315 12 1 | 22,423 | 0 5 3 | 35 |
| 1,591 0 0 | ... | 7,863 13 0 | 23,974 | 0 5 3 | 36 |
| 865 15 6 | ... | 4,260 12 6 | 14,683 | 0 4 8 | 37 |
| ... | ... | ... | ... | ... | 38 |
| ... | ... | 1,823 7 0 | 1,448 | 1 4 2 | 39 |
| ... | ... | 3,110 13 0 | 4,090 | 0 12 6 | 40 |
| 414 0 0 | ... | 10,538 4 0 | 18,056 | 0 9 4 | 41 |
| ... | 10,538 4 0 | 16,093 12 7 | 26,483 | 0 9 9 | 42 |
| ... | 16,093 12 7 | 23,920 14 6 | ... | ... | 43 |
| ... | ... | 320 8 6 | ... | ... | 44 |
| 99,482 9 4 | 26,632 0 7 | 3,43,963 0 10 | 5,95,181 | 0 9 3 | |

Vaccinations and re-vaccinations performed by special staff only (vide column 25).
 included in the cost. Out of 15 only 1 Vaccinator employed in Rangoon Cantonment was paid by Government,
 as whole-time officers for supervising vaccination and vital statistics work, 1 Assistant Director, Vaccine Dept.
 Vaccination and 2 Head Vaccinators.

B.—DISPENSARY

STATEMENT No. III—*Showing Dispensary Vaccination in the*

| No. | Divisions and Districts. | Number of dispensaries in each district to which a vaccinator is attached. | Average number of vaccinators attached to dispensaries during the year. | Total number of persons vaccinated. | Average number of persons vaccinated by each vaccinator. | PRIMARY | |
|-------------------------------|--------------------------|--|---|-------------------------------------|--|---------|-----------------|
| | | | | | | Total. | Under one year. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| ARAKAN DIVISION. | | | | | | | |
| 1 | Akyab | ... | ... | ... | ... | ... | ... |
| 2 | Hill District of Arakan | ... | ... | 28 | ... | 11 | 3 |
| 3 | Kyaukpadaung | ... | ... | ... | ... | ... | ... |
| 4 | Sandoway | ... | ... | ... | ... | ... | ... |
| RANGOON DIVISION. | | | | | | | |
| 5 | Rangoon | ... | ... | ... | ... | ... | ... |
| 6 | Insein | ... | ... | ... | ... | ... | ... |
| 7 | Hanthawaddy | ... | ... | 123 | ... | 80 | 18 |
| PEGU DIVISION. | | | | | | | |
| 8 | Tharrawaddy | ... | ... | 513 | ... | 295 | 33 |
| 9 | Pegu | ... | ... | ... | ... | ... | ... |
| 10 | Prome | ... | ... | ... | ... | ... | ... |
| 11 | Toungoo | ... | ... | ... | ... | ... | ... |
| 12 | Thayetmyo | ... | ... | ... | ... | ... | ... |
| IRRAWADDY DIVISION. | | | | | | | |
| 13 | Bassein | ... | ... | 103 | ... | ... | ... |
| 14 | Heinzada | ... | ... | 67 | ... | 28 | ... |
| 15 | Nyaungmya | ... | ... | 321 | ... | 447 | 97 |
| 16 | Ma-ubin | ... | ... | 431 | ... | 117 | 5 |
| 17 | P'ya-p'ou | ... | ... | 19 | ... | 4 | 3 |
| TENASSERIM DIVISION. | | | | | | | |
| 18 | Salween | ... | ... | ... | ... | ... | ... |
| 19 | Thaton | ... | ... | ... | ... | ... | ... |
| 20 | Ambherst | ... | ... | 31 | ... | 31 | 28 |
| 21 | Troy | ... | ... | ... | ... | ... | ... |
| 22 | Mergui | ... | ... | 30 | ... | 21 | ... |
| NORTH-WEST BORDER DIVISION. | | | | | | | |
| 23 | Pakokku | ... | ... | 697 | ... | 245 | 58 |
| 24 | Katha | ... | ... | 30 | ... | 10 | ... |
| 25 | Shwabo | ... | ... | 61 | ... | 44 | 5 |
| 26 | Sagaing | ... | ... | ... | ... | ... | ... |
| 27 | Lower Chindwin | ... | ... | ... | ... | ... | ... |
| 28 | Upper Chindwin | ... | ... | 253 | ... | 235 | 41 |
| 29 | Cien Hills | ... | ... | 63 | ... | 8 | ... |
| MANDALAY DIVISION. | | | | | | | |
| 30 | Mandalay | ... | ... | 252 | ... | 324 | 54 |
| 31 | Kyaukse | ... | ... | 54 | ... | 27 | 18 |
| 32 | Meiktila | ... | ... | 17 | ... | 8 | 2 |
| 33 | Yamethin | ... | ... | ... | ... | ... | ... |
| 34 | Myingyan | ... | ... | ... | ... | ... | ... |
| 35 | Magwe | ... | ... | 28 | ... | ... | ... |
| 36 | Minbu | ... | ... | ... | ... | ... | ... |
| NORTH-EAST FRONTIER DIVISION. | | | | | | | |
| 37 | Putao | ... | ... | ... | ... | ... | ... |
| 38 | Myittha | ... | ... | 1,593 | ... | 1,455 | 69 |
| 39 | Bhamo | ... | ... | 1,112 | ... | 1,046 | 29 |
| 40 | Northern Shan States | ... | ... | 42 | ... | 40 | 17 |
| 41 | Southern Shan States | ... | ... | 173 | ... | 88 | 21 |
| Total | | .. | ... | 6,338 | ... | 4,531 | 441 |

VACCINATION.

Province of Burma for the year 1923-24 (Paragraph 8).

| VACCINATION. | | RE-VACCINATION. | | | | PERCENTAGE OF SUCCESSFUL CASES IN WHICH THE RESULTS WERE KNOWN. | | PERCENTAGE OF UNKNOWN CASES TO TOTAL CASES. | | No. |
|------------------------------|-------------------------|-----------------|--------|-------------|----------|---|-----------------|---|-----------------|------|
| Successful. | | Unknown. | Total. | Successful. | Unknown. | Primary. | Re-vaccination. | Primary. | Re-vaccination. | |
| One and under six years. (9) | Total of all ages. (10) | | | | | | | | | (11) |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| 8 | 11 | ... | 17 | 17 | ... | 100.00 | 100.00 | ... | ... | 2 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 |
| 48 | 74 | 6 | 43 | 21 | 22 | 100.00 | 100.00 | 7.50 | 51.16 | 6 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 7 |
| 100 | 269 | 23 | 217 | 150 | 52 | 100.00 | 90.91 | 8.81 | 23.96 | 8 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 9 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 11 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 12 |
| ... | ... | ... | 106 | ... | 106 | ... | ... | ... | 100.00 | 13 |
| ... | ... | 28 | 39 | 1 | 34 | ... | 100.00 | 100.00 | 97.41 | 14 |
| 243 | 382 | 65 | 74 | 52 | 20 | 100.00 | 98.30 | 14.64 | 37.03 | 15 |
| 34 | 83 | 29 | 314 | 14 | 110 | 100.00 | 6.86 | 24.79 | 35.03 | 16 |
| 1 | 4 | ... | 15 | 3 | ... | 1.0.00 | 20.00 | ... | ... | 17 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 18 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 19 |
| 2 | 30 | 1 | ... | ... | ... | 100.00 | ... | 3.23 | ... | 20 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 21 |
| 5 | 15 | 6 | 9 | 1 | ... | 100.00 | 11.11 | 28.37 | ... | 22 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 23 |
| 64 | 216 | 18 | 452 | 173 | 56 | 95.15 | 43.69 | 7.35 | 12.33 | 24 |
| 3 | 0 | 4 | 10 | 7 | 10 | 100.00 | 70.00 | 40.00 | 50.00 | 25 |
| 37 | 42 | 3 | 17 | 9 | 3 | 100.00 | 64.29 | 4.55 | 17.65 | 26 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27 |
| 71 | 277 | 18 | 58 | 51 | 6 | 100.00 | 93.08 | 6.10 | 10.34 | 28 |
| ... | 5 | 3 | 45 | 44 | ... | 100.00 | 97.78 | 27.50 | ... | 29 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30 |
| 158 | 212 | 9 | 18 | 3 | ... | 94.22 | 10.67 | 3.85 | ... | 31 |
| 7 | 25 | 2 | 27 | 12 | 5 | 100.00 | 54.55 | 7.41 | 18.52 | 32 |
| 1 | 3 | 5 | 9 | ... | 9 | 100.00 | ... | 62.50 | 100.00 | 33 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 34 |
| ... | ... | ... | 28 | ... | 28 | ... | ... | ... | 100.00 | 35 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 36 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 37 |
| 347 | 1,235 | 220 | 143 | 128 | ... | 100.00 | 88.11 | 15.12 | ... | 38 |
| 250 | 662 | 333 | 66 | 35 | 31 | 93.50 | 100.00 | 32.31 | 40.97 | 39 |
| 12 | 38 | 2 | 2 | 1 | 1 | 100.00 | 100.00 | 5.00 | 50.00 | 40 |
| 50 | 79 | 8 | 85 | 43 | 42 | 96.75 | 100.00 | 9.09 | 49.41 | 41 |
| 1,421 | 3,673 | 790 | 1,824 | 763 | 539 | 98.10 | 60.32 | 17.42 | 29.88 | |

COMPARATIVE STATEMENT NO. IV—Showing the number of persons fully vaccinated in the Province of Burma in each

| Establishments. | PERSONS PRIMA | | | | | | | | | |
|----------------------|---------------|---------------------------------|---------------|---------------------------------|---------------|---------------------------------|---------------|---------------------------------|---------------|---------------------------------|
| | 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. |
| | 1914-15. | | 1915-16. | | 1916-17. | | 1917-18. | | 1918-19. | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | |
| Government ... | 166,653 | 150,189 | 149,958 | 159,601 | 155,431 | 144,836 | 155,824 | 143,536 | 146,541 | 133,387 |
| Municipal ... | 33,005 | 30,815 | 32,795 | 31,123 | 38,123 | 34,760 | 33,500 | 30,953 | 37,390 | 35,269 |
| Local Funds ... | 192,408 | 175,416 | 198,458 | 184,045 | 213,420 | 201,118 | 227,468 | 213,054 | 231,214 | 216,462 |
| Federated States ... | 2,944 | 2,172 | 3,390 | 2,303 | 10,391 | 10,035 | 11,188 | 7,153 | 7,854 | 7,349 |
| Dispensary ... | 1,704 | 1,509 | 2,849 | 2,535 | 2,899 | 2,320 | 1,523 | 1,307 | 2,068 | 1,764 |
| Other Agencies ... | 7,544 | 6,879 | 7,341 | 5,520 | 2,314 | 878 | 705 | 402 | 304 | 308 |
| ARMY. | | | | | | | | | | |
| Europeans ... | 42 | 30 | 25 | 25 | 10 | 10 | 12 | 11 | 24 | 23 |
| Natives ... | 253 | 174 | 655 | 513 | 597 | 512 | 415 | 346 | 482 | 431 |
| Total ... | 404,553 | 367,184 | 395,471 | 365,565 | 423,185 | 393,459 | 430,633 | 395,772 | 425,772 | 399,938 |

STATEMENT NO. V—Showing particulars of Vaccination verified

| No. | Districts. | TOTAL NUMBER OF PERSONS VACCINATED. | | TOTAL NUMBER INSPECTED | | | |
|-----|-----------------------------|-------------------------------------|------------------|---|------------------|--|------------------|
| | | Primary. | Re-vaccinations. | By Assistant Director of Public Health or Civil Surgeons. | | By Inspectors of Vaccination or other Inspecting Officers. | |
| | | | | Primary. | Re-vaccinations. | Primary. | Re-vaccinations. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| 1 | Akyab ... | 20,405 | 7,563 | 53 | ... | 10,242 | 6,503 |
| 2 | Hill District of Arakan ... | 790 | 622 | 66 | 170 | 98 | 138 |
| 3 | Kyaukpyn ... | 8,901 | 1,148 | 478 | 6 | 2,505 | 304 |
| 4 | Sandoway ... | 5,262 | 1,079 | 1,396 | 250 | 2,883 | 510 |
| 5 | Rangoon ... | 9,758 | 25,667 | 502 | 514 | 8,505 | 16,531 |
| 6 | Insein ... | 13,525 | 2,639 | 891 | 84 | 8,387 | 1,377 |
| 7 | Hanthawaddy ... | 15,060 | 5,009 | 268 | 129 | 10,262 | 2,443 |
| 8 | Tharrawaddy ... | 19,175 | 9,399 | 609 | 293 | 11,277 | 3,908 |
| 9 | Pegu ... | 16,066 | 4,817 | 3,175 | 215 | 13,108 | 2,463 |
| 10 | Prome ... | 14,401 | 2,506 | 2,186 | ... | 5,120 | 1,011 |
| 11 | Youngoo ... | 13,449 | 5,437 | 12 | ... | 6,254 | 2,570 |
| 12 | Thayetmyo ... | 9,241 | 6,615 | 31 | ... | 6,243 | 3,859 |
| 13 | Bassein ... | 16,671 | 5,501 | 113 | 49 | 6,857 | 2,276 |
| 14 | Henzada ... | 30,022 | 1,910 | 1,884 | 9 | 12,745 | 200 |
| 15 | Myaungmya ... | 23,047 | 5,684 | 911 | 111 | 11,553 | 2,128 |
| 16 | Ma-ubin ... | 21,867 | 10,129 | 2,007 | 1,236 | 18,709 | 6,123 |
| 17 | Pyapon ... | 21,474 | 3,025 | 1,280 | 60 | 16,402 | 961 |
| 18 | Salween ... | 2,386 | 1,187 | 308 | 73 | ... | ... |
| 19 | Thaton ... | 20,012 | 8,867 | 789 | 98 | 9,075 | 3,112 |
| 20 | Amherst ... | 14,031 | 15,743 | 64 | 64 | 6,241 | 7,934 |
| 21 | Tavoy ... | 6,171 | 3,527 | 820 | 136 | 4,367 | 1,261 |
| 22 | Mergul ... | 5,270 | 1,238 | 1,121 | 512 | 2,206 | 347 |
| 23 | Pakokku ... | 17,978 | 17,070 | 1,839 | 969 | 6,302 | 5,940 |
| 24 | Pakokku Hill Tracts ... | 637 | 131 | ... | ... | ... | ... |
| 25 | Katha ... | 9,987 | 763 | 1,431 | 49 | 5,992 | 427 |
| 26 | Shwebo ... | 15,814 | 623 | 623 | ... | 6,786 | 57 |
| 27 | Sagaing ... | 18,694 | 3,895 | 543 | 123 | 11,652 | 2,228 |
| 28 | Lower Chindwin ... | 12,003 | 5,545 | 10,888 | 4,887 | 6,279 | 3,440 |
| 29 | Upper Chindwin ... | 8,500 | 1,674 | 964 | 170 | 8,033 | 1,469 |
| 30 | Chin Hills ... | 4,071 | 318 | 434 | 140 | ... | ... |
| 31 | Mandalay ... | 19,312 | 7,085 | 878 | 111 | 12,706 | 1,849 |
| 32 | Kyaukse ... | 5,263 | 1,982 | 870 | 33 | 3,270 | 884 |
| 33 | Meiktila ... | 9,751 | 2,835 | 3,430 | 84 | 7,296 | 1,457 |
| 34 | Yamethin ... | 14,930 | 1,545 | 3,749 | 67 | 10,673 | 326 |
| 35 | Myingyan ... | 17,975 | 13,039 | 727 | 1,159 | 6,249 | 2,244 |
| 36 | Magwe ... | 18,515 | 13,023 | 861 | 510 | 6,241 | 3,205 |
| 37 | Minbu ... | 12,325 | 10,342 | 559 | 239 | 1,536 | 508 |
| 38 | Putao ... | 686 | 16 | 224 | 9 | ... | ... |
| 39 | Myitkyina ... | 3,840 | 355 | 1,654 | 146 | 1,057 | 96 |
| 40 | Bhamo ... | 5,040 | 542 | 848 | 254 | 952 | 299 |
| 41 | Northern Shan States ... | 19,278 | 483 | 1,780 | 39 | 33 | 1 |
| 42 | Southern Shan States ... | 25,521 | 1,003 | 353 | 30 | 15,367 | 296 |
| | Total ... | 518,054 | 209,824 | 51,594 | 13,688 | 286,189 | 90,702 |

primarily vaccinated and the number of those persons who were successful of the undermentioned official years.

| BILLY 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. | Establishments. |
| 1919-20. | | 1920-21. | | 1921-22. | | 1922-23. | | 1923-24. | | (12) |
| (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) |
| 179,204 | 163,448 | 165,491 | 152,910 | 174,549 | 160,011 | 196,950 | 180,625 | 180,459 | 168,357 | Government. |
| 38,604 | 35,978 | 35,519 | 33,324 | 40,478 | 38,460 | 41,884 | 29,983 | 41,977 | 39,974 | Municipal. |
| 267,218 | 239,580 | 272,948 | 256,340 | 262,388 | 247,532 | 270,356 | 255,235 | 274,439 | 261,999 | Local Funds. |
| 9,177 | 5,045 | 7,280 | 5,155 | 10,234 | 8,825 | 10,643 | 10,559 | 45,671 | 43,592 | Federated States. |
| 7,230 | 4,731 | 2,016 | 1,565 | 3,601 | 3,068 | 2,883 | 2,178 | 4,534 | 3,673 | Dispensary. |
| 398 | 371 | 267 | 217 | 3,589 | 3,285 | 1,007 | 857 | 974 | 695 | Other Agencies. |
| 28 | 24 | 58 | 46 | 11 | 9 | 123 | 95 | 15 | 18 | ARMY. |
| 67 | 27 | 1,343 | 483 | 9 | 9 | 858 | 791 | 281 | 207 | Europeans. |
| | | | | | | | | | | Natives. |
| 491,916 | 448,249 | 484,922 | 450,520 | 494,859 | 461,069 | 524,774 | 491,272 | 548,350 | 518,470 | Total. |

by Inspecting Officers during the year 1923-24 (Paragraph 12).

| PERCENTAGE OF INSPECTIONS TO TOTAL NUMBER VACCINATED | | | | PERCENTAGE OF CASES FOUND SUCCESSFUL OF TOTAL NUMBER INSPECTED | | | | PERCENTAGE OF SUCCESS REPORTED BY VACCINATORS. | | No. |
|---|------------------|--|------------------|--|------------------|--|------------------|--|------------------|------|
| By Assistant Director of Public Health or Civil Surgeons. | | By Inspectors of vaccination or other Inspecting Officers. | | By Assistant Director of Public Health or Civil Surgeons. | | By Inspectors of vaccination or other Inspecting Officers. | | Primary. | Re-vaccinations. | |
| Primary. | Re-vaccinations. | Primary. | Re-vaccinations. | Primary. | Re-vaccinations. | Primary. | Re-vaccinations. | | | |
| (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) |
| 25 | ... | 50-19 | 85-93 | 88-46 | ... | 93-97 | 48-45 | 98-41 | 69-69 | 1 |
| 8-35 | 27-33 | 12-41 | 22-19 | 98-48 | 97-06 | 100-00 | 99-28 | 99-49 | 91-07 | 2 |
| 5-37 | 52 | 28-14 | 26-48 | 93-93 | 16-6 | 81-86 | 29-93 | 95-55 | 41-43 | 3 |
| 26-58 | 23-17 | 51-79 | 47-27 | 97-64 | 23-60 | 80-61 | 27-84 | 96-26 | 28-67 | 4 |
| 5-14 | 2-18 | 67-16 | 70-57 | 100-00 | 59-14 | 99-44 | 49-06 | 99-25 | 48-45 | 5 |
| 6-59 | 3-20 | 62-01 | 52-88 | 99-77 | 8-33 | 99-75 | 6-90 | 98-96 | 9-43 | 6 |
| 1-71 | 2-58 | 68-14 | 48-77 | 97-67 | 35-66 | 99-51 | 41-10 | 99-98 | 44-57 | 7 |
| 3-49 | 3-12 | 53-81 | 41-68 | 97-61 | 36-86 | 99-65 | 45-52 | 99-96 | 68-14 | 8 |
| 19-76 | 4-46 | 81-59 | 51-13 | 100-00 | 49-30 | 99-99 | 19-08 | 99-60 | 82-21 | 9 |
| 15-18 | ... | 35-55 | 40-34 | 93-95 | ... | 76-33 | 35-70 | 99-91 | 27-63 | 10 |
| 0-9 | ... | 47-53 | 47-27 | 100-00 | ... | 99-62 | 23-19 | 99-43 | 28-90 | 11 |
| 2-21 | ... | 69-80 | 58-34 | 100-00 | ... | 95-88 | 55-84 | 98-35 | 56-24 | 12 |
| 6-68 | 6-69 | 41-13 | 41-37 | 100-00 | 85-71 | 96-79 | 59-53 | 97-23 | 42-89 | 13 |
| 6-28 | 4-7 | 45-78 | 1-47 | 99-79 | 77-77 | 99-69 | 83-00 | 99-62 | 35-33 | 14 |
| 3-95 | 1-95 | 50-13 | 37-58 | 98-57 | 65-77 | 99-25 | 49-53 | 99-29 | 44-88 | 15 |
| 9-18 | 12-20 | 85-56 | 60-44 | 98-70 | 25-89 | 99-58 | 23-41 | 98-0 | 24-77 | 16 |
| 5-96 | 1-98 | 76-33 | 31-77 | 100-00 | 100-00 | 100-00 | 39-23 | 99-62 | 23-47 | 17 |
| 10-31 | 6-15 | ... | ... | 97-40 | 19-18 | ... | ... | 95-10 | 32-20 | 18 |
| 3-94 | 1-13 | 45-25 | 35-91 | 83-65 | 36-73 | 98-87 | 40-46 | 97-6 | 42-49 | 19 |
| 4-6 | 4-09 | 49-47 | 60-40 | 76-00 | 41-61 | 96-50 | 27-08 | 98-82 | 37-99 | 20 |
| 13-29 | 3-86 | 70-77 | 35-76 | 93-27 | 86-76 | 98-37 | 58-13 | 93-72 | 68-86 | 21 |
| 21-27 | 41-36 | 41-66 | 28-03 | 99-55 | 84-77 | 86-94 | 28-24 | 89-60 | 47-27 | 22 |
| 10-23 | 5-68 | 35-06 | 34-80 | 98-48 | 28-07 | 96-18 | 17-66 | 98-54 | 15-54 | 23 |
| ... | ... | ... | ... | ... | ... | ... | ... | 94-50 | 77-86 | 24 |
| 14-63 | 6-43 | 60-00 | 56-04 | 99-26 | 42-86 | 97-15 | 34-19 | 97-78 | 33-49 | 25 |
| 3-35 | ... | 42-91 | 9-15 | 98-68 | ... | 94-89 | 56-14 | 96-10 | 58-47 | 26 |
| 2-90 | 3-29 | 62-33 | 67-20 | 96-87 | 71-09 | 99-00 | 67-91 | 97-89 | 75-73 | 27 |
| 90-71 | 88-13 | 52-31 | 62-04 | 93-05 | 79-15 | 97-85 | 82-62 | 99-32 | 89-21 | 28 |
| 11-26 | 10-16 | 93-84 | 87-75 | 97-41 | 54-71 | 93-78 | 51-67 | 97-64 | 61-82 | 29 |
| 10-66 | 44-08 | ... | ... | 96-62 | 100-00 | ... | ... | 97-49 | 62-48 | 30 |
| 4-55 | 1-58 | 71-01 | 26-28 | 100-00 | 55-85 | 96-54 | 53-49 | 99-34 | 50-26 | 31 |
| 16-53 | 1-92 | 62-13 | 44-00 | 100-00 | 60-53 | 99-72 | 81-50 | 99-71 | 77-10 | 32 |
| 35-18 | 2-96 | 74-62 | 51-39 | 100-00 | 71-43 | 99-82 | 41-04 | 99-93 | 54-82 | 33 |
| 25-11 | 4-34 | 71-49 | 15-27 | 96-91 | 89-55 | 97-07 | 56-36 | 97-15 | 67-25 | 34 |
| 4-04 | 8-89 | 34-76 | 17-21 | 94-22 | 67-64 | 96-19 | 46-34 | 98-23 | 52-24 | 35 |
| 4-65 | 3-92 | 33-71 | 24-61 | 81-07 | 60-98 | 92-69 | 38-53 | 98-61 | 50-74 | 36 |
| 4-54 | 2-31 | 13-46 | 4-91 | 89-09 | 34-31 | 75-46 | 44-09 | 95-04 | 60-21 | 37 |
| 82-65 | 56-25 | ... | ... | 87-95 | 100-00 | ... | ... | 86-60 | 100-00 | 38 |
| 58-24 | 41-13 | 37-23 | 27-04 | 66-32 | 82-19 | 98-58 | 94-79 | 100-00 | 63-02 | 39 |
| 16-83 | 48-71 | 18-89 | 55-17 | 92-22 | 76-14 | 94-33 | 78-93 | 98-34 | 65-55 | 40 |
| 9-13 | 8-09 | 20 | 21 | 69-66 | 56-41 | 100-00 | 100-00 | 97-54 | 77-16 | 41 |
| 1-33 | 5-61 | 67-94 | 13-47 | 97-73 | 55-55 | 99-76 | 50-00 | 98-80 | 45-83 | 42 |
| 9-41 | 6-52 | 52-22 | 43-23 | 95-73 | 61-64 | 97-38 | 42-41 | 93-38 | 45-76 | |

APPENDIX A.

Statement showing the ratio per 10,000 successfully vaccinated and the mortality from Small-pox by quinquennial periods.

| Official year. | | | Ratio per 10,000 successfully vaccinated. | Quinquennial mean. | Calendar year. | | | Ratio per 10,000 of mortality from small-pox. | Quinquennial mean. |
|----------------|-----|-----|---|--------------------|----------------|-----|-----|---|--------------------|
| (1) | | | (2) | (3) | (4) | | | (5) | (6) |
| 1908-09 | ... | ... | 317.66 | } 341.25 | 1908 | ... | ... | 1.53 | } 3.99 |
| 1909-10 | ... | ... | 334.97 | | 1909 | ... | ... | 1.13 | |
| 1910-11 | ... | ... | 293.69 | | 1910 | ... | ... | 2.18 | |
| 1911-12 | ... | ... | 369.58 | | 1911 | ... | ... | 6.08 | |
| 1912-13 | ... | ... | 388.16 | | 1912 | ... | ... | 8.08 | |
| 1913-14 | ... | ... | 367.34 | } 348.50 | 1913 | ... | ... | 2.85 | } 1.93 |
| 1914-15 | ... | ... | 332.06 | | 1914 | ... | ... | .26 | |
| 1915-16 | ... | ... | 330.70 | | 1915 | ... | ... | .22 | |
| 1916-17 | ... | ... | 365.25 | | 1916 | ... | ... | .72 | |
| 1917-18 | ... | ... | 347.10 | | 1917 | ... | ... | .57 | |
| 1918-19 | ... | ... | 392.57 | } 439.47 | 1918 | ... | ... | .76 | } 1.95 |
| 1919-20 | ... | ... | 524.21 | | 1919 | ... | ... | 3.99 | |
| 1920-21 | ... | ... | 443.70 | | 1920 | ... | ... | 2.90 | |
| 1921-22 | ... | ... | 408.22 | | 1921 | ... | ... | .93 | |
| 1922-23 | ... | ... | 431.94 | | 1922 | ... | ... | 1.34 | |
| 1923-24 | ... | ... | 456.24 | ... | 1923 | ... | ... | 2.63 | |

APPENDIX B.

Statement showing the number of Vaccinations performed in Municipal Towns and Notified Areas (to which the Vaccination Act has been extended) on children under one year of age (Paragraph 7).

| Towns. | Number of births during the year 1923-24. | Number of deaths among children under one year during the year 1923-24. | Number of successful operations on children under one year during the year ending 31st March 1924. | Date of extensions of Vaccination Act of 1880 into towns. | Date of extension of Vaccination in Law Amendment Act of 1909. |
|-----------------|---|---|--|---|--|
| (1) | (2) | (3) | (4) | (5) | (6) |
| Akyab | 650 | 178 | 491 | August 1883 | 29th March 1910. |
| Kyaukpyu | 114 | 15 | 62 | April 1894 | Do. |
| Sandoway | 105 | 15 | 70 | September 1890 | Do. |
| Rangoon | 6,278 | 2,114 | 5,637 | April 1884 | 1st May 1909. |
| Insein | 214 | 60 | 307 | 14th March 1912 | 14th March 1912. |
| Syriam | 199 | 47 | 133 | 29th January 1913 | 29th January 1913. |
| Thongwa | 203 | 47 | 177 | 3rd March 1914 | 3rd March 1914. |
| Tharrawaddy | 59 | 14 | 62 | October 1897. | |
| Thonzè | 185 | 35 | 139 | October 1897 | 29th March 1910. |
| Zigón | 162 | 31 | 177 | 11th May 1914 | 9th September 1915. |
| Lctpadan | 164 | 44 | 189 | January 1897 | 29th March 1910. |
| Gyobingauk | 204 | 63 | 138 | February 1897 | Do. |
| Minhla | 90 | 12 | 83 | 11th May 1914 | 9th September 1915. |
| Nattalin | 63 | 10 | 105 | 11th May 1914 | Do. |
| Pegu | 572 | 142 | 643 | March 1893 | 29th March 1910. |
| Nyaunglèbin | 190 | 69 | 277 | 29th March 1910 | Do. |
| Prome | 609 | 43 | 454 | June 1890 | Do. |
| Shwedaung | 234 | 74 | 127 | 10th September 1917... | |
| Paungdè | 393 | 71 | 196 | August 1890 | 29th March 1910. |
| Toungoo | 492 | 88 | 359 | May 1880 | Do. |
| Shwegyin | 157 | 26 | 120 | January 1890 | Do. |
| Pyu | 134 | 26 | 112 | January 1920 | 17th January 1920. |
| Thayetmyo | 163 | 69 | 169 | May 1889 | 29th March 1910. |
| Allanmyo | 277 | 62 | 416 | May 1901 | Do. |
| Bassein | 1,209 | 377 | 873 | September 1888 | Do. |
| Ngathalingyaung | 128 | 35 | 82 | February 1890 | Do. |
| Henzada | 781 | 182 | 434 | January 1889 | Do. |
| Myanaung | 190 | 42 | 202 | July 1889 | Do. |
| Kyangin | 194 | 26 | 178 | August 1894 | Do. |
| Myaungmya | 172 | 42 | 126 | June 1894 | Do. |
| Wakèma | 293 | 111 | 123 | 27th April 1907 | Do. |
| Ma-ubin | 202 | 65 | 167 | October 1891 | Do. |
| Yandoon | 234 | 36 | 207 | January 1892 | Do. |
| Danubyu | 172 | 33 | 134 | 9th July 1909. | |
| Pyapón | 201 | 17 | 280 | November 1904 | 29th March 1910. |
| Kyaiklat | 176 | 65 | 149 | 15th December 1904 | Do. |
| Thatón | 430 | 93 | 303 | October 1891 | Do. |
| Kyaikto | 176 | 50 | 133 | March 1897 | Do. |
| Moulmein | 1,569 | 408 | 1,298 | August 1885 | Do. |
| Kawkareik | 233 | 79 | 138 | September 1914 | 17th September 1914. |
| Tavoy | 823 | 212 | 850 | December 1889 | 29th March 1910. |
| Mergul | 537 | 193 | 239 | October 1891 | Do. |
| Pakòkku | 547 | 172 | 271 | April 1892 | Do. |
| Shwebo | 298 | 99 | 117 | June 1894 | Do. |
| Sagaing | 433 | 106 | 245 | April 1894 | Do. |
| Monywa | 297 | 102 | 233 | March 1893 | Do. |
| Mandalay | 7,003 | 2,147 | 4,831 | August 1891 | Do. |
| Maymyo | 585 | 127 | 386 | October 1912 | 22nd October 1912. |
| Kyaukse | 192 | 53 | 265 | May 1894 | 29th March 1910. |
| Meiktila | 257 | 64 | 214 | June 1906 | 31st July 1923. |
| Yamèthin | 320 | 109 | 141 | February 1893 | 29th March 1910. |
| Pyinmana | 360 | 127 | 395 | November 1891 | Do. |
| Pyawbè | 95 | 50 | 146 | May 1912. | |
| Myingyan | 422 | 215 | 297 | September 1891 | 29th March 1910. |
| Nyaung-u | 157 | 16 | 115 | 30th August 1921 | 30th August 1921. |
| Magwe | 196 | 78 | 182 | 10th March 1913 | 10th March 1913. |
| Taungdwingyi | 232 | 88 | 167 | February 1893 | 29th March 1910. |
| Yenaungyaung | 251 | 84 | 118 | 10th March 1913 | 10th March 1913. |
| Minbu | 176 | 50 | 117 | March 1896 | 29th March 1910. |
| Salin | 233 | 68 | 140 | March 1896 | Do. |
| Bhamo | 163 | 23 | 156 | 26th October 1894 | Do. |
| Total | 31,857 | 9,167 | 25,103 | | |

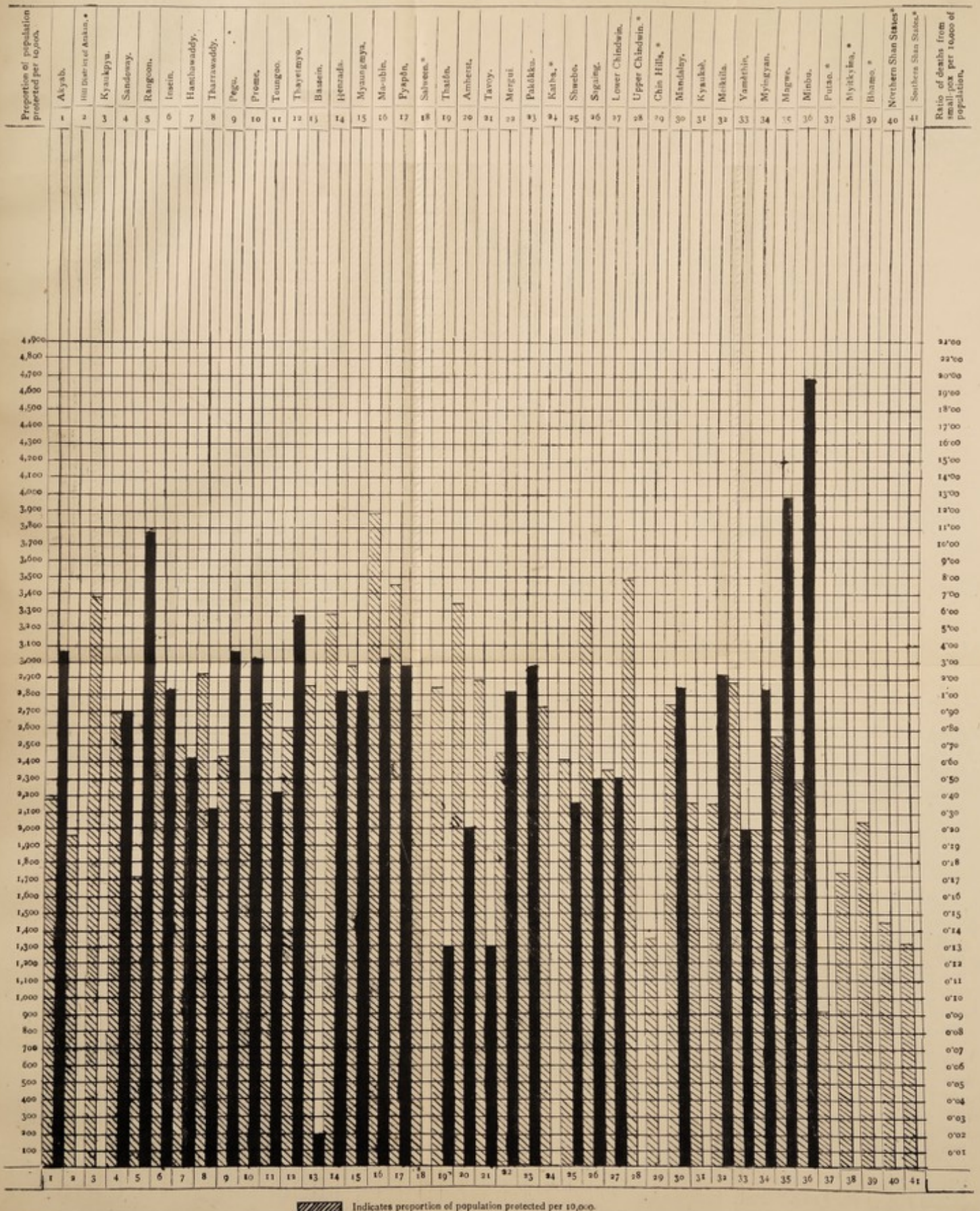
APPENDIX B.

Showing the number of children not performed in the year and the number of children who have been vaccinated in the year.

| Year | Number of children not vaccinated | Number of children vaccinated | Total number of children |
|------|-----------------------------------|-------------------------------|--------------------------|
| 1898 | 100 | 100 | 200 |
| 1899 | 100 | 100 | 200 |
| 1900 | 100 | 100 | 200 |
| 1901 | 100 | 100 | 200 |
| 1902 | 100 | 100 | 200 |
| 1903 | 100 | 100 | 200 |
| 1904 | 100 | 100 | 200 |
| 1905 | 100 | 100 | 200 |
| 1906 | 100 | 100 | 200 |
| 1907 | 100 | 100 | 200 |
| 1908 | 100 | 100 | 200 |
| 1909 | 100 | 100 | 200 |
| 1910 | 100 | 100 | 200 |
| 1911 | 100 | 100 | 200 |
| 1912 | 100 | 100 | 200 |
| 1913 | 100 | 100 | 200 |
| 1914 | 100 | 100 | 200 |
| 1915 | 100 | 100 | 200 |
| 1916 | 100 | 100 | 200 |
| 1917 | 100 | 100 | 200 |
| 1918 | 100 | 100 | 200 |
| 1919 | 100 | 100 | 200 |
| 1920 | 100 | 100 | 200 |
| 1921 | 100 | 100 | 200 |
| 1922 | 100 | 100 | 200 |
| 1923 | 100 | 100 | 200 |
| 1924 | 100 | 100 | 200 |
| 1925 | 100 | 100 | 200 |
| 1926 | 100 | 100 | 200 |
| 1927 | 100 | 100 | 200 |
| 1928 | 100 | 100 | 200 |
| 1929 | 100 | 100 | 200 |
| 1930 | 100 | 100 | 200 |
| 1931 | 100 | 100 | 200 |
| 1932 | 100 | 100 | 200 |
| 1933 | 100 | 100 | 200 |
| 1934 | 100 | 100 | 200 |
| 1935 | 100 | 100 | 200 |
| 1936 | 100 | 100 | 200 |
| 1937 | 100 | 100 | 200 |
| 1938 | 100 | 100 | 200 |
| 1939 | 100 | 100 | 200 |
| 1940 | 100 | 100 | 200 |
| 1941 | 100 | 100 | 200 |
| 1942 | 100 | 100 | 200 |
| 1943 | 100 | 100 | 200 |
| 1944 | 100 | 100 | 200 |
| 1945 | 100 | 100 | 200 |
| 1946 | 100 | 100 | 200 |
| 1947 | 100 | 100 | 200 |
| 1948 | 100 | 100 | 200 |
| 1949 | 100 | 100 | 200 |
| 1950 | 100 | 100 | 200 |
| 1951 | 100 | 100 | 200 |
| 1952 | 100 | 100 | 200 |
| 1953 | 100 | 100 | 200 |
| 1954 | 100 | 100 | 200 |
| 1955 | 100 | 100 | 200 |
| 1956 | 100 | 100 | 200 |
| 1957 | 100 | 100 | 200 |
| 1958 | 100 | 100 | 200 |
| 1959 | 100 | 100 | 200 |
| 1960 | 100 | 100 | 200 |
| 1961 | 100 | 100 | 200 |
| 1962 | 100 | 100 | 200 |
| 1963 | 100 | 100 | 200 |
| 1964 | 100 | 100 | 200 |
| 1965 | 100 | 100 | 200 |
| 1966 | 100 | 100 | 200 |
| 1967 | 100 | 100 | 200 |
| 1968 | 100 | 100 | 200 |
| 1969 | 100 | 100 | 200 |
| 1970 | 100 | 100 | 200 |
| 1971 | 100 | 100 | 200 |
| 1972 | 100 | 100 | 200 |
| 1973 | 100 | 100 | 200 |
| 1974 | 100 | 100 | 200 |
| 1975 | 100 | 100 | 200 |
| 1976 | 100 | 100 | 200 |
| 1977 | 100 | 100 | 200 |
| 1978 | 100 | 100 | 200 |
| 1979 | 100 | 100 | 200 |
| 1980 | 100 | 100 | 200 |
| 1981 | 100 | 100 | 200 |
| 1982 | 100 | 100 | 200 |
| 1983 | 100 | 100 | 200 |
| 1984 | 100 | 100 | 200 |
| 1985 | 100 | 100 | 200 |
| 1986 | 100 | 100 | 200 |
| 1987 | 100 | 100 | 200 |
| 1988 | 100 | 100 | 200 |
| 1989 | 100 | 100 | 200 |
| 1990 | 100 | 100 | 200 |
| 1991 | 100 | 100 | 200 |
| 1992 | 100 | 100 | 200 |
| 1993 | 100 | 100 | 200 |
| 1994 | 100 | 100 | 200 |
| 1995 | 100 | 100 | 200 |
| 1996 | 100 | 100 | 200 |
| 1997 | 100 | 100 | 200 |
| 1998 | 100 | 100 | 200 |
| 1999 | 100 | 100 | 200 |
| 2000 | 100 | 100 | 200 |
| 2001 | 100 | 100 | 200 |
| 2002 | 100 | 100 | 200 |
| 2003 | 100 | 100 | 200 |
| 2004 | 100 | 100 | 200 |
| 2005 | 100 | 100 | 200 |
| 2006 | 100 | 100 | 200 |
| 2007 | 100 | 100 | 200 |
| 2008 | 100 | 100 | 200 |
| 2009 | 100 | 100 | 200 |
| 2010 | 100 | 100 | 200 |
| 2011 | 100 | 100 | 200 |
| 2012 | 100 | 100 | 200 |
| 2013 | 100 | 100 | 200 |
| 2014 | 100 | 100 | 200 |
| 2015 | 100 | 100 | 200 |
| 2016 | 100 | 100 | 200 |
| 2017 | 100 | 100 | 200 |
| 2018 | 100 | 100 | 200 |
| 2019 | 100 | 100 | 200 |
| 2020 | 100 | 100 | 200 |
| 2021 | 100 | 100 | 200 |
| 2022 | 100 | 100 | 200 |
| 2023 | 100 | 100 | 200 |
| 2024 | 100 | 100 | 200 |
| 2025 | 100 | 100 | 200 |
| 2026 | 100 | 100 | 200 |
| 2027 | 100 | 100 | 200 |
| 2028 | 100 | 100 | 200 |
| 2029 | 100 | 100 | 200 |
| 2030 | 100 | 100 | 200 |
| 2031 | 100 | 100 | 200 |
| 2032 | 100 | 100 | 200 |
| 2033 | 100 | 100 | 200 |
| 2034 | 100 | 100 | 200 |
| 2035 | 100 | 100 | 200 |
| 2036 | 100 | 100 | 200 |
| 2037 | 100 | 100 | 200 |
| 2038 | 100 | 100 | 200 |
| 2039 | 100 | 100 | 200 |
| 2040 | 100 | 100 | 200 |
| 2041 | 100 | 100 | 200 |
| 2042 | 100 | 100 | 200 |
| 2043 | 100 | 100 | 200 |
| 2044 | 100 | 100 | 200 |
| 2045 | 100 | 100 | 200 |
| 2046 | 100 | 100 | 200 |
| 2047 | 100 | 100 | 200 |
| 2048 | 100 | 100 | 200 |
| 2049 | 100 | 100 | 200 |
| 2050 | 100 | 100 | 200 |
| 2051 | 100 | 100 | 200 |
| 2052 | 100 | 100 | 200 |
| 2053 | 100 | 100 | 200 |
| 2054 | 100 | 100 | 200 |
| 2055 | 100 | 100 | 200 |
| 2056 | 100 | 100 | 200 |
| 2057 | 100 | 100 | 200 |
| 2058 | 100 | 100 | 200 |
| 2059 | 100 | 100 | 200 |
| 2060 | 100 | 100 | 200 |
| 2061 | 100 | 100 | 200 |
| 2062 | 100 | 100 | 200 |
| 2063 | 100 | 100 | 200 |
| 2064 | 100 | 100 | 200 |
| 2065 | 100 | 100 | 200 |
| 2066 | 100 | 100 | 200 |
| 2067 | 100 | 100 | 200 |
| 2068 | 100 | 100 | 200 |
| 2069 | 100 | 100 | 200 |
| 2070 | 100 | 100 | 200 |
| 2071 | 100 | 100 | 200 |
| 2072 | 100 | 100 | 200 |
| 2073 | 100 | 100 | 200 |
| 2074 | 100 | 100 | 200 |
| 2075 | 100 | 100 | 200 |
| 2076 | 100 | 100 | 200 |
| 2077 | 100 | 100 | 200 |
| 2078 | 100 | 100 | 200 |
| 2079 | 100 | 100 | 200 |
| 2080 | 100 | 100 | 200 |
| 2081 | 100 | 100 | 200 |
| 2082 | 100 | 100 | 200 |
| 2083 | 100 | 100 | 200 |
| 2084 | 100 | 100 | 200 |
| 2085 | 100 | 100 | 200 |
| 2086 | 100 | 100 | 200 |
| 2087 | 100 | 100 | 200 |
| 2088 | 100 | 100 | 200 |
| 2089 | 100 | 100 | 200 |
| 2090 | 100 | 100 | 200 |
| 2091 | 100 | 100 | 200 |
| 2092 | 100 | 100 | 200 |
| 2093 | 100 | 100 | 200 |
| 2094 | 100 | 100 | 200 |
| 2095 | 100 | 100 | 200 |
| 2096 | 100 | 100 | 200 |
| 2097 | 100 | 100 | 200 |
| 2098 | 100 | 100 | 200 |
| 2099 | 100 | 100 | 200 |
| 2100 | 100 | 100 | 200 |

APPENDIX C.

Diagram showing the Proportion of Population protected during the seven official years from 1917-18 to 1923-24 and the Death-rate from Small-pox during the year 1923 in districts where full registration is in force.



▨ Indicates proportion of population protected per 10,000.
 ■ Indicates ratio of deaths from small-pox per 10,000 of population.

* Full registration of vital statistics is not carried out in these districts.

Diagram showing the Proportion of Population protected by the year 1935

| Year | Population | Protected | Not Protected |
|------|------------|-----------|---------------|
| 1930 | 1000 | 100 | 900 |
| 1931 | 1000 | 100 | 900 |
| 1932 | 1000 | 100 | 900 |
| 1933 | 1000 | 100 | 900 |
| 1934 | 1000 | 100 | 900 |
| 1935 | 1000 | 100 | 900 |

