

## **Report on the public health administration of the city of Rangoon.**

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**REPORT**

ON THE

**PUBLIC HEALTH ADMINISTRATION**

OF THE

**CITY OF RANGOON**

FOR

THE YEAR 1936.







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**REPORT**  
ON THE  
**PUBLIC HEALTH ADMINISTRATION**  
OF THE  
**CITY OF RANGOON**  
FOR  
THE YEAR 1936.





W. H. C.
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INDEX FOR DIAGRAMS

PAGE NO.

INDEX.

	PAGE
1. Public Health Report for the year 1936 .. .. .	1
2. Vaccination Report for the year 1936-37 .. .. .	65
3. Contagious Diseases Hospital Report for the year 1936. .. .. .	68
4. Observation Hospital Report for the year 1936 .. .. .	82
5. Laboratory Report for the year 1936 .. .. .	85
6. Meteorological data .. .. .	94-95
7. Vital Statistics for the year 1936 .. .. .	96-131
8. Maternity & Infant Welfare Centres returns .. .. .	133-135
9. Sanitary returns .. .. .	137-147
10. Anti-Mosquito returns .. .. .	149-163
11. Miscellaneous returns .. .. .	164-167
12. Vaccination returns for the year 1936-37 .. .. .	169-172



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## INDEX FOR DIAGRAMS.

	PAGE No.
Daily mean births, deaths and climatic conditions in Rangoon in 1936 ..	7
Death-rates amongst races in 1936 and the average for 1931-1935 .. ..	11
Comparative charts showing mortality from principal causes during 1936 and 1935..	13
Death-rates per 1,000 of population from principal causes in 1936 and the averages of 1926-1935 .. .. .	15
Death-rate from 1901 to 1936 .. .. .	17
Infant deaths according to diseases for 1936 and 1935 .. .. .	21
Infantile mortality rates by circles for 1936 and 1935 .. .. .	23
Infantile mortality rates for 1936 and the average rate for 1931-35 by races ..	25
Infantile mortality rates from 1901 to 1936 .. .. .	27
Small-pox deaths from 1901 to 1936 .. .. .	35
Stegomyia Index for 1936 .. .. .	55
Relative prevalence of common species of Mosquitoes month by month for 1936..	59



INDEX FOR DIAGRAMS.

Page No.

7	..	Daily mean birth, death and climatic conditions in Rangoon in 1936
11	..	Death-rates amongst races in 1936 and the average for 1931-1935
13	..	Comparative charts showing mortality from principal causes during 1936 and 1935
15	..	Death-rates per 1,000 of population from principal causes in 1936 and the averages of 1936-1935
17	..	Death-rate from 1901 to 1936
21	..	Infant deaths according to diseases for 1936 and 1935
23	..	Infantile mortality rates by circles for 1936 and 1935
25	..	Infantile mortality rates for 1936 and the average rate for 1931-35 by races
27	..	Infantile mortality rates from 1901 to 1936
29	..	Small-pox deaths from 1901 to 1936
31	..	Steinberg's Index for 1936
33	..	Relative prevalence of common species of <i>Mosquitoes</i> month by month for 1936

## TABLE OF CONTENTS.

Summary of Statistics .. .. .	iv
Review of the year .. .. .	1
Climatic Conditions .. .. .	5
Area and Population .. .. .	6
Administrative Divisions .. .. .	6
Birth and Birth-rate .. .. .	6
Still Births .. .. .	9
Summary of Births .. .. .	10
Deaths and Death-rate .. .. .	10
Principal causes of deaths .. .. .	19
Infantile Mortality .. .. .	20
Measures adopted for the prevention of Infantile mortality .. .. .	29
Milk Distribution .. .. .	32
Maternal mortality .. .. .	32
Cholera .. .. .	32
Small-pox .. .. .	33
Measles .. .. .	37
Chicken-pox .. .. .	37
Plague .. .. .	37
Enteric Fever .. .. .	39
Cerebro-Spinal Meningitis .. .. .	40
Diphtheria .. .. .	40
Puerperal Septicaemia .. .. .	41
Beri-Beri including Epidemic Dropsy .. .. .	41
Typhus Fever .. .. .	41
Malarial Fever .. .. .	41
Influenza .. .. .	41
Diarrhoea and Dysentery .. .. .	41
Tuberculosis .. .. .	42
Tubercle of Lung .. .. .	43
Respiratory Diseases (excluding Phthisis) .. .. .	48
Cancer .. .. .	49
Kala-Azar .. .. .	49
Medical Relief .. .. .	49
Contagious Diseases and Observation Hospitals .. .. .	50—51
Venereal Diseases .. .. .	51
Medical Examination of Rickshaw-pullers .. .. .	52
Medical Examination of Municipal School Students .. .. .	52
Anti-Mosquito work .. .. .	53
Markets .. .. .	61
Municipal Laboratory .. .. .	62
Food Inspection .. .. .	62
Jerked Meat .. .. .	62
Milk Supply .. .. .	62
Ghee Samples .. .. .	63
Registered Buildings .. .. .	63
Wash House .. .. .	63
Ambulances .. .. .	63
Burial Grounds .. .. .	64
Cleansing Department .. .. .	64
Personnel of the Health Department .. .. .	64



## TABLE OF CONTENTS -

14	..	..	..	..	..	Summary of Statistics
1	..	..	..	..	..	Review of the year
2	..	..	..	..	..	Climatic Conditions
6	..	..	..	..	..	Area and Population
6	..	..	..	..	..	Administrative Division
9	..	..	..	..	..	Birth and Birth-rate
10	..	..	..	..	..	Still Births
10	..	..	..	..	..	Summary of Births
19	..	..	..	..	..	Deaths and Death-rate
19	..	..	..	..	..	Principal causes of deaths
20	..	..	..	..	..	Infantile Mortality
20	..	..	..	..	..	Measures adopted for the prevention of infantile mortality
22	..	..	..	..	..	Milk Distribution
22	..	..	..	..	..	Maternal mortality
22	..	..	..	..	..	Cholera
23	..	..	..	..	..	Small-pox
27	..	..	..	..	..	Measles
27	..	..	..	..	..	Chicken-pox
27	..	..	..	..	..	Plague
29	..	..	..	..	..	Bacterial Fever
40	..	..	..	..	..	Cerebro-spinal Meningitis
40	..	..	..	..	..	Diphtheria
41	..	..	..	..	..	Scarlet fever
41	..	..	..	..	..	Beriberi including Epidemic Dropsy
41	..	..	..	..	..	Typhus Fever
41	..	..	..	..	..	Malaria Fever
41	..	..	..	..	..	Influenza
41	..	..	..	..	..	Diarrhoea and Dysentery
42	..	..	..	..	..	Tuberculosis
42	..	..	..	..	..	Tubercle of Lung
48	..	..	..	..	..	Respiratory Diseases (excluding Tuberculosis)
49	..	..	..	..	..	Cancer
49	..	..	..	..	..	Kala-Azar
49	..	..	..	..	..	Medical Relief
50-51	..	..	..	..	..	Contagious Diseases and Observation Hospitals
51	..	..	..	..	..	Veneral Diseases
52	..	..	..	..	..	Medical Examination of Rickshaw-pullers
52	..	..	..	..	..	Medical Examination of Municipal School Students
53	..	..	..	..	..	Anti-Mosquito work
61	..	..	..	..	..	Markets
62	..	..	..	..	..	Municipal Laboratory
62	..	..	..	..	..	Food Inspection
62	..	..	..	..	..	Island Meat
62	..	..	..	..	..	Milk Supply
63	..	..	..	..	..	Good Samples
63	..	..	..	..	..	Registered Buildings
63	..	..	..	..	..	Wash House
63	..	..	..	..	..	Ambulances
64	..	..	..	..	..	Burial Grounds
64	..	..	..	..	..	Cleaning Department
64	..	..	..	..	..	Personnel of the Health Department

## SUMMARY OF STATISTICS

For the year 1936

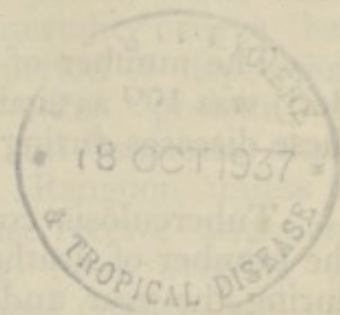
Population by Census of 1931	..	..	..	..	..	400,415
Area of the City of Rangoon	..	..	..	..	31.94	square miles
Number of live births registered	..	..	..	..	..	10,855
Birth-rate per 1,000 Census population	..	..	..	..	..	27.11
Number of deaths	..	..	..	..	..	10,265
Death-rate per 1,000 Census population	..	..	..	..	..	25.64
Number of deaths amongst infants under one year	..	..	..	..	..	2,638
Infant death-rate per 1,000 births	..	..	..	..	..	243.02
Cholera—Number of deaths from	..	..	..	..	..	18
Cholera—Death-rate	..	..	..	..	..	.04
Small-pox—Number of deaths from	..	..	..	..	..	21
Small-pox—Death-rate	..	..	..	..	..	.05
Plague—Number of deaths from	..	..	..	..	..	14
Plague—Death-rate	..	..	..	..	..	.03
Cerebro-Spinal Meningitis—Number of deaths from	..	..	..	..	..	5
Cerebro-Spinal Meningitis—Death-rate	..	..	..	..	..	.01
Diphtheria—Number of deaths from	..	..	..	..	..	14
Diphtheria—Death rate	..	..	..	..	..	.03
Puerperal Septicaemia—Number of deaths from	..	..	..	..	..	12
Puerperal Septicaemia—Death rate for 1,000 births	..	..	..	..	..	1.05
Beri-Beri—Number of deaths from	..	..	..	..	..	86
Beri-Beri—Death-rate	..	..	..	..	..	.21
Malarial Fever—Number of deaths from	..	..	..	..	..	84
Malarial Fever—Death-rate	..	..	..	..	..	.21
Diarrhoea and Dysentery—Number of Deaths from	..	..	..	..	..	669
Diarrhoea and Dysentery—Death rate	..	..	..	..	..	1.67
Tuberculosis—Number of deaths from	..	..	..	..	..	1,115
Tuberculosis—Death rate	..	..	..	..	..	2.78
Tubercle of Lung—Number of deaths from	..	..	..	..	..	1,036
Tubercle of Lung—Death-rate	..	..	..	..	..	2.59
Respiratory Diseases—Number of deaths from	..	..	..	..	..	2,494
Respiratory Diseases—Death-rate	..	..	..	..	..	6.23
Cancer—Number of deaths from	..	..	..	..	..	89
Cancer—Death-rate	..	..	..	..	..	0.22
Kala-Azar—Number of deaths from	..	..	..	..	..	4
Kala-Azar—Death-rate	..	..	..	..	..	.01
Injuries—Number of deaths from	..	..	..	..	..	262
Injuries—Death-rate	..	..	..	..	..	.65
Other Causes—Number of deaths from	..	..	..	..	..	5,404
Other Causes—Death-rate	..	..	..	..	..	13.50



SUMMARY OF STATISTICS  
For the year 1935

13.50	..	..	Other Causes—Death-rate
2.404	..	..	Other Causes—Number of deaths from
45	..	..	Injuries—Death-rate
502	..	..	Injuries—Number of deaths from
01	..	..	Kala-Azar—Death-rate
4	..	..	Kala-Azar—Number of deaths from
0.22	..	..	Cancer—Death-rate
89	..	..	Cancer—Number of deaths from
0.22	..	..	Respiratory Diseases—Death-rate
2,494	..	..	Respiratory Diseases—Number of deaths from
2.50	..	..	Tubercle of Lung—Death-rate
1,036	..	..	Tubercle of Lung—Number of deaths from
2.78	..	..	Tuberculosis—Death-rate
1,312	..	..	Tuberculosis—Number of deaths from
1.07	..	..	Diarrhoea and Dysentery—Death-rate
600	..	..	Diarrhoea and Dysentery—Number of Deaths from
21	..	..	Malaria—Death-rate
84	..	..	Malaria—Number of deaths from
21	..	..	Beri-Beri—Death-rate
80	..	..	Beri-Beri—Number of deaths from
1.02	..	..	Puerperal Sepsis—Death-rate for 1,000 births
12	..	..	Puerperal Sepsis—Number of deaths from
0.3	..	..	Diphtheria—Death-rate
14	..	..	Diphtheria—Number of deaths from
01	..	..	Cerebro-spinal Meningitis—Death-rate
2	..	..	Cerebro-spinal Meningitis—Number of deaths from
0.3	..	..	Pharynx—Death-rate
14	..	..	Pharynx—Number of deaths from
0.2	..	..	Small-pox—Death-rate
21	..	..	Small-pox—Number of deaths from
04	..	..	Cholera—Death-rate
18	..	..	Cholera—Number of deaths from
243.02	..	..	Infant death-rate per 1,000 births
2,038	..	..	Number of deaths amongst infants under one year
2,064	..	..	Death-rate per 1,000 Census population
10,262	..	..	Number of deaths
27.11	..	..	Birth-rate per 1,000 Census population
10,822	..	..	Number of live births registered
21.94 square miles	..	..	Area of the City of Rangoon
400,412	..	..	Population by Census of 1931

REPORT  
ON THE  
**PUBLIC HEALTH ADMINISTRATION**  
OF THE  
CITY OF RANGOON  
*FOR THE YEAR 1936.*



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**Review of the year.**

Climatic conditions throughout the year were more or less the same as in previous years with the exception of rainfall which was the highest during the last 30 years. The City was on the whole comparatively free from infectious or notifiable diseases when compared with the previous year. There were 232 deaths in all from these diseases as against 425 in the previous year and as against the average of 469 deaths from such diseases for the last ten years. The position in regard to Cholera, Plague and Small-pox was satisfactory. There were only 18 deaths from Cholera which accounted for 69 deaths during the previous year, the average number of deaths for the last ten years being 49. Two deaths from Cholera occurred amongst the imported cases. Similarly, the number of deaths from Small-pox was only 21 as compared with 172 deaths in the previous year and the average of 142 deaths for the last ten years. The number of deaths that occurred from Small-pox in imported cases was 8. The incidence of Plague continued to be low—14 during the year under review. There were 17 deaths from Plague during the year 1935, the average number of deaths during the last ten years being 90. One death from Plague occurred amongst cases imported from outside.

There was no mortality from Measles or Chicken-pox, 123 cases of the former and 699 cases of the latter having been reported during the year as against 295 and 1,150 respectively during the previous year.

The number of deaths from Cerebro-Spinal Fever was 5 as against 6 of the previous year, the average number of deaths during the last ten years being 5.

62 deaths were attributable to Enteric Fever as against 49 in the previous year, the average for the last ten years being 64. The number of persons attacked with this disease during the year was 183 as against 186 in 1935.



Diphtheria and Puerperal Septicaemia accounted for 14 deaths and 12 deaths as against 7 and 23 respectively during the previous year.

There were no deaths from Typhus fever, 7 cases having been reported during the year as compared with 16 during the last year. Malarial fever caused 84 deaths as against 80 deaths in 1935.

The number of deaths from Diarrhoea and Dysentery increased from 444 in 1935 to 669 during the year under report, the average number of deaths from these diseases during the last ten years being 783.

The number of persons attacked with Epidemic Dropsy (including Beri-Beri) was 199 as against 610 during the last year. There were 86 deaths from these diseases during the year as compared with 81 during the previous year.

Tuberculosis continued to exact a heavy toll of mortality in the City, the number of deaths having increased from 952 in the previous year to 1,115 during the year under report, the average number of deaths during the last ten years being 873. The Buddhist community suffered the most, the Hindus and Mohammedans were the next and the Christians the last. An analysis of the occupations of the various persons dying from Pulmonary tuberculosis or Phthisis showed that out of the total number of 1,036 deaths that took place—

259 or 25 per cent. deaths occurred amongst those who were without any occupation or employment.

324 or 31.27 per cent. deaths occurred amongst those whose occupations were returned as 'nil' but who contained a fair proportion of the unemployed or persons of uncertain incomes.

139 or 13.42 per cent. deaths occurred amongst those who were coolies.

100 or 9.65 per cent. deaths occurred amongst those who were petty traders or shop-keepers.

39 or 3.76 per cent. deaths occurred amongst those who were clerks.

28 or 2.70 per cent. deaths occurred amongst those who were carpenters.

889 or 85.80 per cent. deaths occurred amongst persons of low economic status amongst whom ill-nourishment must have been a predominant factor.

These figures need no comment and show beyond doubt to what extent unemployment and ill-nourishment contribute towards Tuberculosis. An examination of the state of income of the 365 sufferers from Tuberculosis who sought treatment at the Tuberculosis Clinic and whose homes were visited by the dispensary staff tells an equally sad tale. 196 or 53.70 per cent. of the patients visited had incomes ranging



from Rs. 10 to 34, 101 or 27.67 per cent. from Rs. 35 to 99, 48 or 13.15 per cent. from Rs. 100 to 199, 13 or 3.56 per cent. from Rs. 200 to 399, and 7 or 1.92 per cent. from Rs. 400 and over. The decrease in the number of persons suffering from Tuberculosis with rising incomes when considered with the facts as disclosed by the examination of the profession or occupation of those dying from Tuberculosis is too significant to allow the effects of poverty and lack of nutrition to be ignored in any scheme that may be promoted for checking the ravages of this disease. The peak of the mortality curve of Phthisis in Rangoon was reached in the year 1925. The years 1926 to 1930 which were marked by a downward trend seem to coincide with the period when there were increased opportunities for employment. The mortality curve has been again rising from 1931 and this coincides with the period of depression and unemployment. It, therefore, appears that the growth of Anti-Tuberculosis Institutions (Dispensaries, Hospitals and Sanatoria) alone will not completely solve the problem of Tuberculosis in Rangoon unless at the same time the social and economic aspects of the disease receive attention. An Anti-Tuberculosis Society or Association has long been overdue in Rangoon and it is earnestly hoped that public sympathy and charity will not long allow the postponement of the day when such a Society comes into being.

The total number of deaths during the year increased by 198, there being 10,265 deaths during the year under report as compared with 10,067 deaths in the previous year. The death-rate was 25.64 as against 25.14 in the year 1935. The most important causes that contributed towards the rise of the death-rate were Tuberculosis (+163), Diarrhoea and Dysentery (+225) and Diseases of the Respiratory system (+84).

Some of the foregoing remarks with regard to Tuberculosis apply with equal force to Respiratory diseases. Exposure and failure to have proper treatment in the early stages were additional factors in the causation of higher death-rate from these diseases. The increase in the number of deaths from Diarrhoea and Dysentery was to some extent attributable to the abnormal rainfall during the last year. As death-rate is generally regarded as the criterion of the state of health of a community or locality, some comment with regard to the factors influencing it will not be out of place here.

Many cities in the East, particularly those in India and Burma were during the early part of this century marked by a high death-rate chiefly owing to the prevalence of such dangerous diseases as Small-pox, Plague, Cholera, Malaria, Diarrhoea and Dysentery in epidemic forms. With the introduction of sanitary measures and the organisation of public health services, the fall in death-rates has been phenomenal in some towns chiefly those which happened to be situated at the gateways of trade and commerce as the diseases already mentioned loomed large in the death returns and were definitely preventable. In Rangoon the death-rate came down from 47.57 per 1,000 in the year 1906 to 22.11 in 1933, the number of deaths from Cholera having decreased from 330 in 1907 to 3 in 1932. Similarly, the number of deaths from Plague decreased from 2,974 in 1906 to 9 in 1933. Although there have been periodic visitations of Small-pox, the number of deaths in the various epidemics has



been low. The epidemic of 1906 caused 1,035 deaths whereas the average number of deaths during the last five years was 155 and during the last year only 21. The number of deaths from Diarrhoea and Dysentery declined from 1,494 in 1908 to 444 last year. It will thus be seen that most of the diseases which accounted for a large number of deaths have been brought under control; at any rate the mortality they now cause is so low as to hardly have any appreciable influence on the death-rate which in port towns may be said to have reached a standard about which it will keep on fluctuating. This standard will naturally vary in different towns depending upon the climatic conditions, racial predisposition, composition and density of population, and economic status of the people concerned. The following table illustrates the point better and shows how the death-rate fluctuates near this hypothetical standard :—

	1932.	1933.	1934.	1935.	1936.
Calcutta .. ..	25.0	29.4	28.7	28.5	31.0
Bombay .. ..	19.7	23.4	23.6	25.2	25.8
Madras .. ..	34.4	37.9	36.6	38.6	36.5
Colombo .. ..	24.6	27.1	28.6	29.9	27.2
Singapore .. ..	20.12	19.66	20.99	23.10	23.55
Rangoon .. ..	24.66	22.11	23.66	25.14	25.64
Burma (Urban) .. ..	28.85	27.22	30.03	30.18	30.81

It will be seen that in spite of more attention being paid to public health matters in these places there has been a tendency for the death-rate to rise thereby suggesting that there are some general factors operating all over these places such as trade depression, unemployment, malnutrition and lowered resistance to disease. This uniformity in the rise of death-rate at such distant places would be hard to explain on the theory of local causes alone.

With the control or elimination of the dangerous diseases that were responsible for a large number of deaths, by improvement in environmental sanitation, it appears that future reduction in death-rate to any marked extent can only be brought about by paying more attention to the social side of preventive medicine as envisaged in the Maternity and Child Welfare schemes, School Hygiene and nutrition of the school child, Anti-Tuberculosis organisations for the relief of sufferers from Tuberculosis, promotion of Social hygiene, housing schemes particularly for labourers and working people, improved milk supply, the care of the aged and the unemployed, birth control clinics, practical eugenic policy and sterilisation of the mentally defective. Extension of water supply and underground sewerage system to the outlying parts and



the closure of rubbish tips in the city will in their turn bring about improvement when these respective schemes come to fruition.

The Infantile mortality rate (243.02) was lower than that of the last year (251.35) and was in fact the lowest on record. The mortality amongst the infants under the care of Lady Health Visitors was 145.66 in spite of the fact that their activities were confined to those parts of the town where the standard of sanitation is low and the people poor. This indicates that the scope of Maternity and Infant Welfare work can be profitably extended to those parts of the town not at present served by the Health Visitors.

The Anti-Mosquito work began towards the end of January and it is too early to see its effects. An account of the work done will be found in the report.

The report of the Health Officer on the milk supply of Rangoon together with suggestions for its improvements was submitted in the month of October and is awaiting the consideration of the Corporation.

The Municipal dispensaries maintained their popularity as shown by the ever-increasing attendance. The water supply of the City was chlorinated as usual and continued to be of a high standard of purity.

The work with regard to the early stages of the Municipal Health Museum was nearing its completion towards the end of the year under report and it is hoped that this Museum which is the first of its kind in the Province will arouse public interest in health matters.

### **Climatic Conditions.**

The lowest mean temperature recorded at the Government Observatory during the year was 77.4°F. in January, the highest being 85.9°F. in April. The monthly mean temperature was more or less above the normal in January, February, May, September, November and December and slightly below the normal in the remaining months of the year. The temperature reached its highest (99°F.) on March 22nd, 16th and 17th April and lowest (61°F.) on the 3rd January.

The total rainfall recorded during the year was 151.76 inches as against 106.48 inches in the preceding year, the average rainfall for the past 5 years being 104.31 inches. The rains first began in February with a rainfall of 0.40 inches. April was the wettest month in the year with a recorded rainfall of 30.6 inches.

The wind blew from North-East for five months (January, February, October, November and December) and maintained for the rest of the year a South-Westerly direction, except in March when it was North-Westerly.

As regards relative humidity, the lowest (74 per cent.) was recorded in December and the highest (93 per cent.) in July.



### Area and Population.

The area of the city including the Rangoon and Pegu rivers and the Pazundaung creek is 31.94 square miles.

The population at the Census of 1931 was 400,415 of which 271,063 were males and 129,352 females, the decennial increase being 54,910. The figures below show the racial composition of the population :—

Burmese	..	..	..	..	121,998
Karens	..	..	..	..	3,226
Other indigenous races	..	..	..	..	2,358
Indians	{	Hindus	..	..	140,458
		Muslims	..	..	57,535
		Others	..	..	14,946
	}				212,929
Indo-Burmans	..	..	..	..	12,560
Chinese	..	..	..	..	30,626
Europeans, etc.	..	..	..	..	4,426
Anglo-Indians	..	..	..	..	9,977
Other races	..	..	..	..	2,315

The estimated population for the year 1936 was 427,870 and the density of population 21 persons to the acre.

### Administrative Divisions.

The City of Rangoon is divided into four divisions for the purpose of public health administration, namely, East Town, East Suburb, West Town and West Suburb : each division is under the charge of an Assistant Health Officer. These four divisions are further sub-divided into 20 circles for sanitary work, each circle being in charge of a qualified Sanitary Inspector ; for work in connection with the registered buildings the city is divided into 6 circles, each being under a Sanitary Inspector. Two Sanitary Inspectors are posted to food inspection duty and four to disinfection and ratting. Four permanent Sanitary Inspectors are employed on Anti-Mosquito work.

For the registration of births and deaths the city is divided into 16 circles. There are now 9 Registration stations in the town including the one opened at Tamwe in August 1935. Each station is in charge of a Medical Registrar.

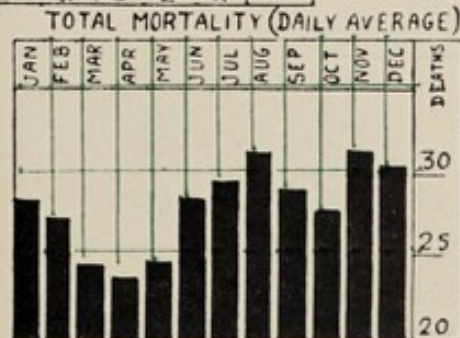
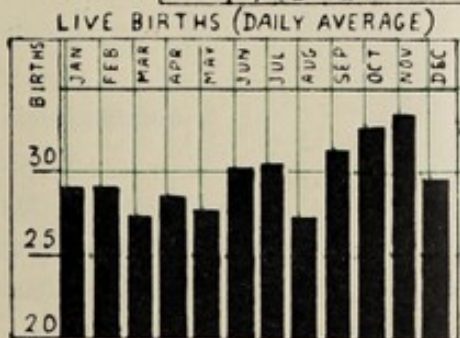
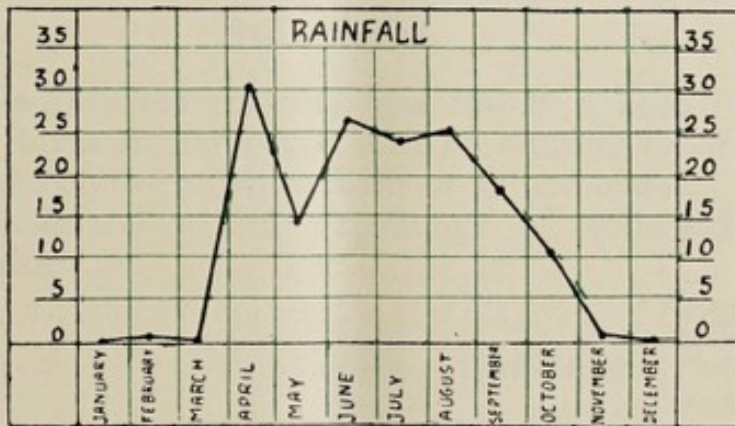
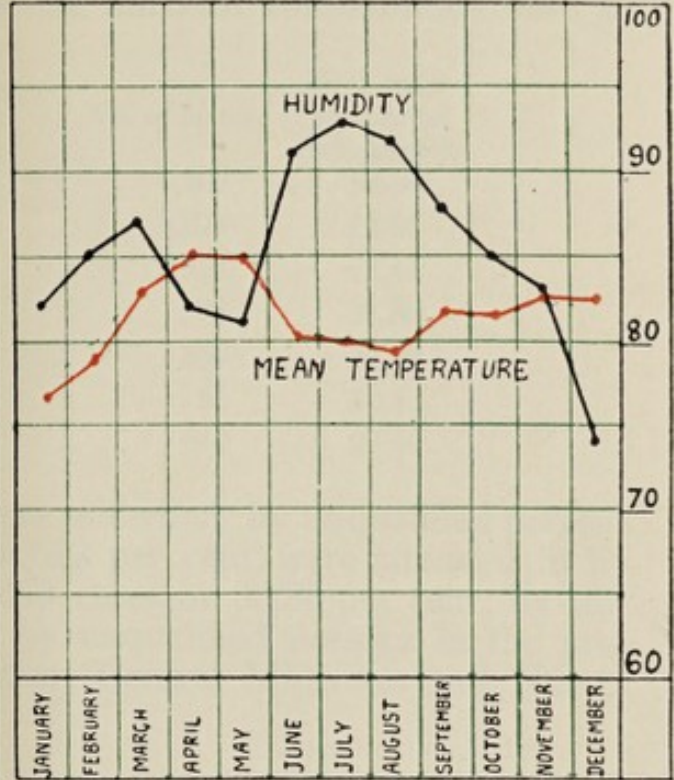
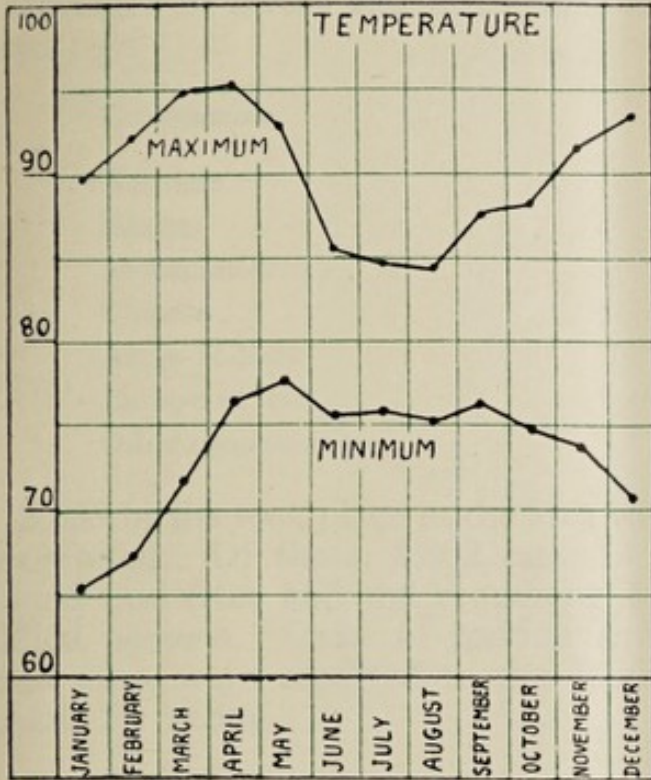
### Births and Birth-rates.

The total number of births registered during the year was 10,855 of which 5,652 were males and 5,203 females, as compared with 10,356 births registered in 1935, showing an increase of 499 births.

The birth-rate calculated on the census population of 1931 was 27.11 per thousand as against 25.86 in 1935. Calculated on the estimated population of 1936, the birth-rate was 25.37 as against 24.52 in the previous year. The

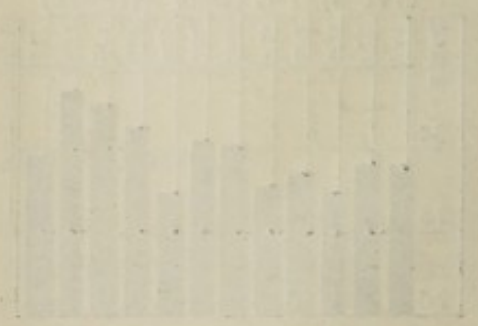
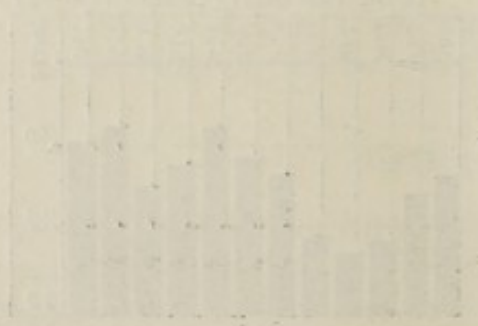
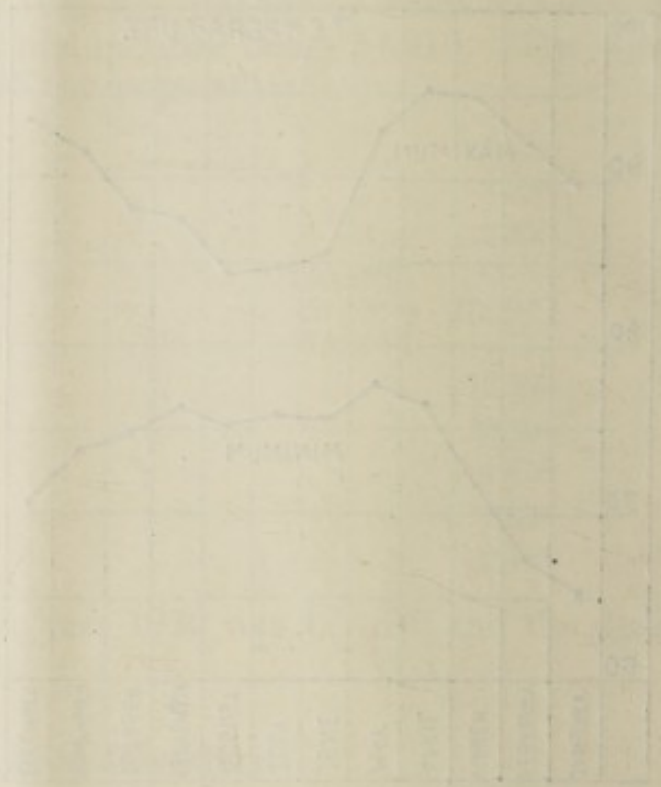
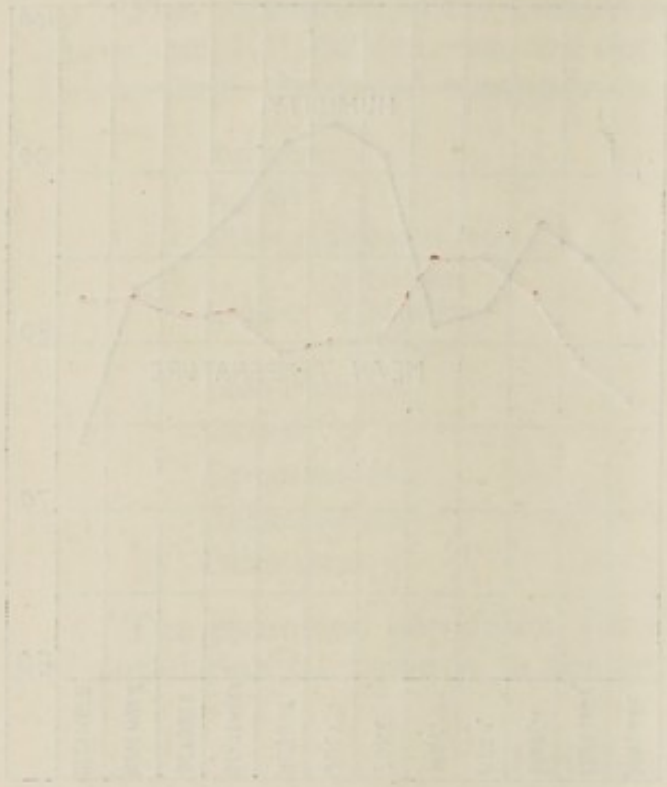


# DAILY MEAN BIRTHS DEATHS AND CLIMATIC CONDITIONS IN RANGOON IN 1936.





DAILY MEAN FIFTH DEATHS AND FLEETING CONDITIONS  
IN BANGKOK IN 1956



South Kemmendine circle showed the highest birth-rate (41.84) and the Cantonment circle, the lowest (13.12).

Male births exceeded female births in proportion of 108.63 to 100.

Number of births and birth-rates for the different communities were as follows :—

<i>Communities.</i>	<i>No. of births.</i>	<i>Birth-rates (on Census Population).</i>
Burmese .. ..	4,107	33.66
Hindus .. ..	3,193	22.66
Mohammedans .. ..	1,518	21.44
Chinese .. ..	976	31.86
Anglo-Indians .. ..	366	36.69
Europeans, etc. .. ..	55	12.43
Other communities .. ..	640	29.49

2,855 births took place in the area where midwifery by unqualified persons is prohibited. Of these, 1,802 cases or 63.12 per cent. were attended to by qualified midwives and the remaining 1,053 cases or 36.88 per cent. by unqualified persons. Cases of confinement by unqualified persons in the prohibited area, were reported to the Registrar, Central Midwives and Nurses Council, for action.

### Still-births.

The number of still-births recorded was 586 as against 709 in 1935. Of these, 261 were of Burmese parentage, 178 of Hindu, 79 of Mohammedan, 30 of Chinese, 12 of Anglo-Indian and 36 of Other classes.

The following table shows the percentage of still-births to the total in different communities :—

<i>Communities.</i>	<i>No. of Births.</i>	<i>No. of Still-births.</i>	<i>Percentage of still-births to births registered.</i>
Burmese .. ..	4,107	261	6.35
Hindus .. ..	3,193	178	5.57
Mohammedans .. ..	1,518	79	5.20
Chinese .. ..	976	30	3.07
Anglo-Indians .. ..	366	12	3.28
Europeans, etc. .. ..	55	..	..
Other communities .. ..	640	26	4.06
<b>Total .. ..</b>	<b>10,855</b>	<b>586</b>	<b>5.40</b>
<b>1935 Total .. ..</b>	<b>10,356</b>	<b>709</b>	<b>6.85</b>



Out of the 586 still-births, 174 cases were attended to by unqualified midwives or the parties' relatives.

### Summary of Births.

The following table gives the statistical summary of births registered in the city of Rangoon excluding Cantonment area for the years 1936 and 1935 with their percentage rates :—

	1936.	1935.
Total No. of births including still-births registered .. .. .	11,420	11,050
Total No. of still-births notified .. .. .	584	709
Total No. of births excluding still-births .. .. .	10,836	10,341
Percentage of still-births to total No. of births registered .. .. .	5.39	6.85
Total No. of confinements attended to by qualified doctors .. .. .	519	1,560
Total No. of confinements attended to by qualified midwives .. .. .	1,041	
Percentage of confinements attended to by qualified doctors .. .. .	4.79	14.39
Percentage of confinements attended to by qualified midwives .. .. .	9.60	
Total No. of confinements attended to by Corporation staff .. .. .	754	723
Percentage of confinements attended to by Corporation staff .. .. .	6.95	6.98
Total No. of children born in Dufferin Hospital .. .. .	2,756	2,416
Percentage of children born in Dufferin Hospital .. .. .	25.43	23.36
Total No. of confinements attended to by the Maternity and Infant Welfare Society staff .. .. .	1,716	1,822
Percentage of confinements attended to by the Maternity and Infant Welfare Society staff .. .. .	15.83	17.59
Total No. of confinements attended to by relatives .. .. .	200	88
Percentage of confinements attended to by relatives .. .. .	1.85	0.85
Total No. of confinements attended to by unqualified midwives .. .. .	3,850	3,781
Percentage of confinements attended to by unqualified midwives .. .. .	35.53	36.56
Total No. of births registered in General Hospital .. .. .	<i>Nil</i>	10
Percentage of births registered in General Hospital .. .. .	<i>Nil</i>	0.10

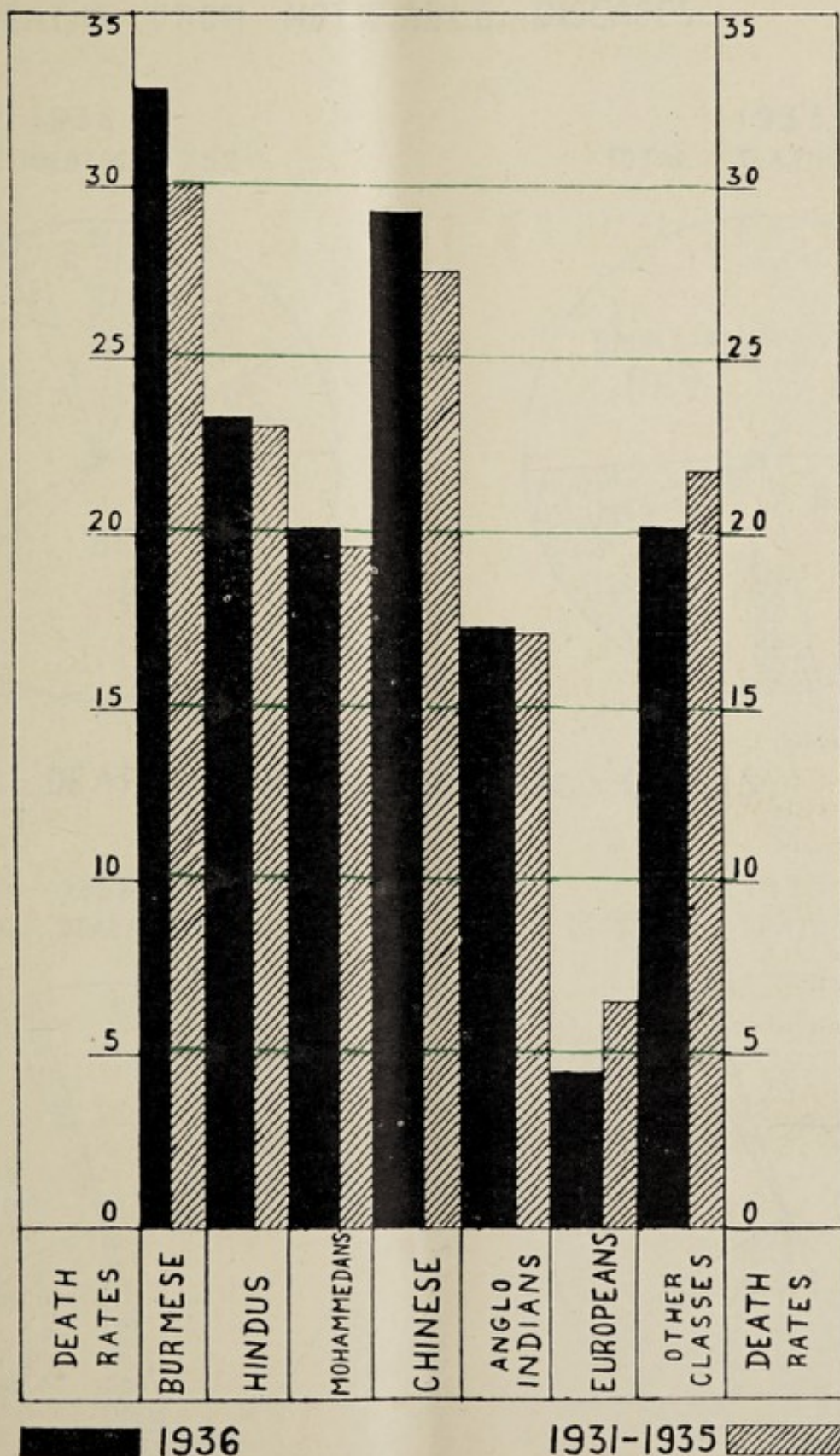
### Deaths and Death-rates.

The total number of deaths registered during the year was 10,265 as against 10,067 in 1935. Of these, 6,159 were of males and 4,106 of females, the figures for the previous year being 6,038 males and 4,029 females.

The death-rate on the census population of 1931 was 25.64 as against 25.14 in 1935 and on the estimated population of 1936, 23.99 as against 23.83 on that of 1935. Of the total number of deaths registered 253 were imported cases. If they are excluded, the death-rate for 1936 on the estimated population works out at 23.40.

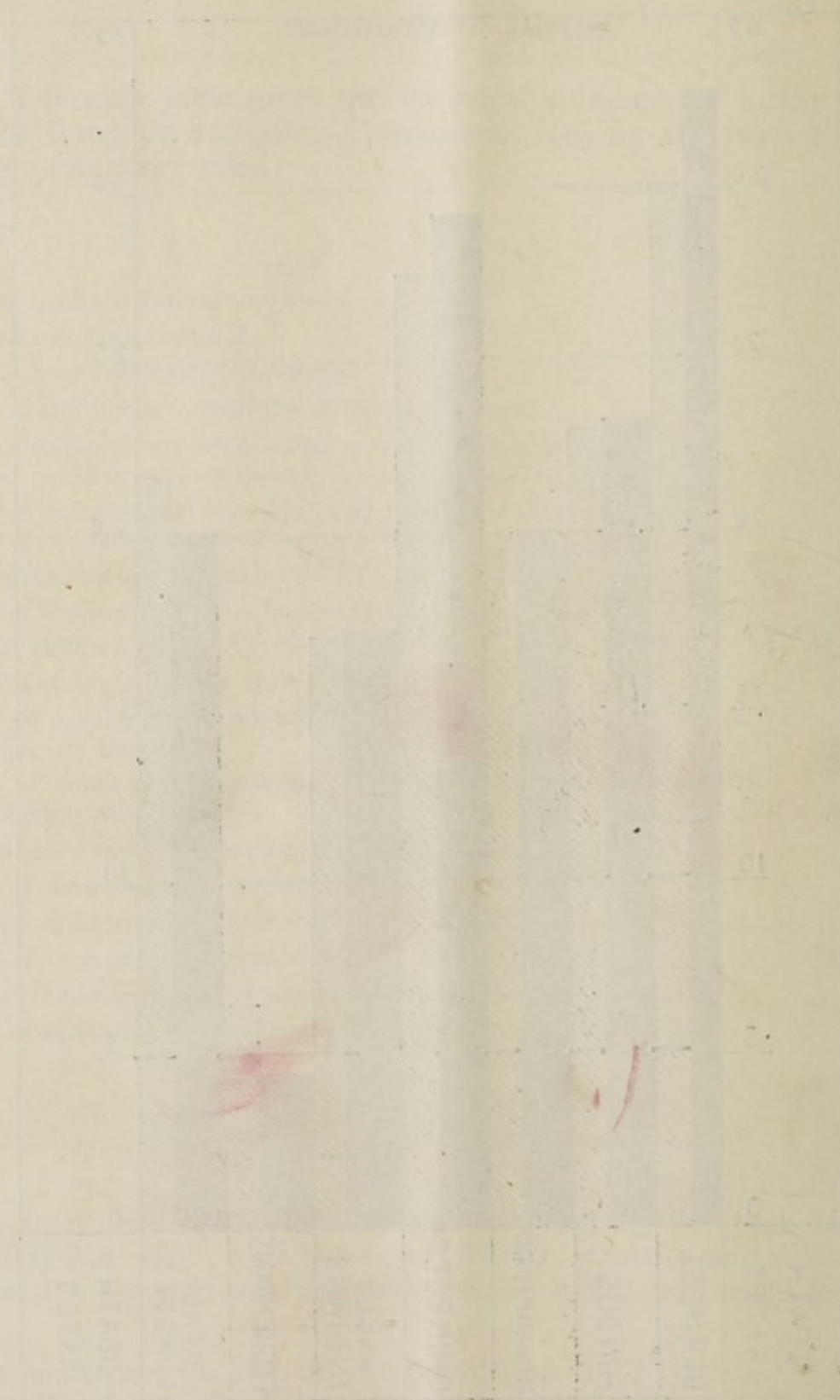


# DEATH RATES AMONGST RACES IN 1936 AND THE AVERAGE FOR 1931-1935.





DEATH RATES AMONGST RACES IN 1946  
AND THE AVERAGE FOR 1931-1935

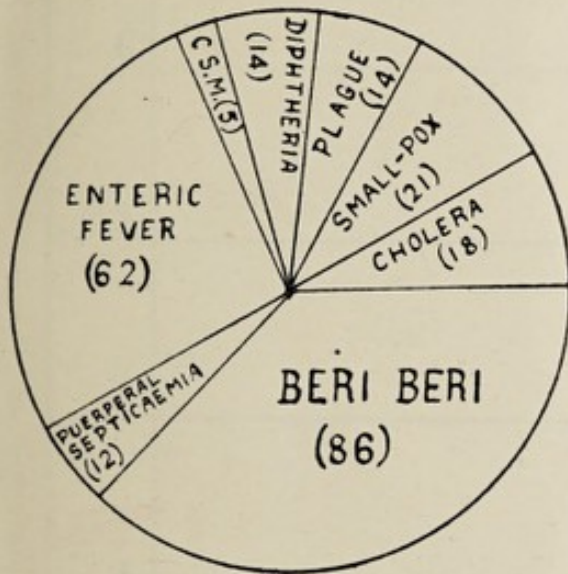


Source: U.S. Bureau of the Census, *Statistical Abstract of the United States*, 1947, Table 100.

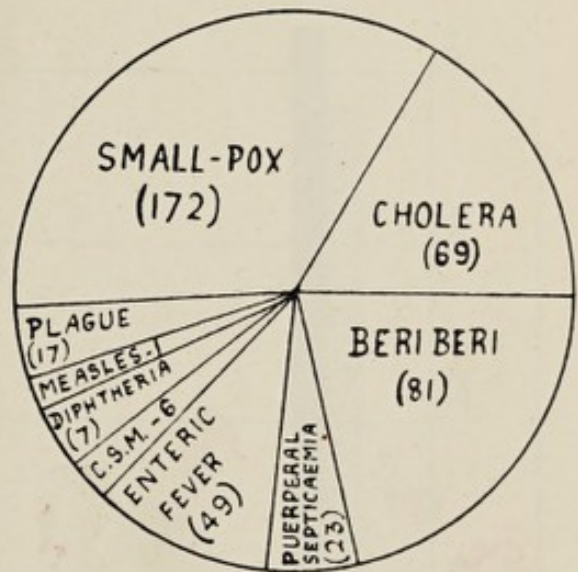
# COMPARATIVE CHARTS SHOWING MORTALITY FROM PRINCIPAL CAUSES DURING 1936 AND 1935.

## DEATHS FROM NOTIFIABLE DISEASES.

1936  
TOTAL DEATHS - 232.

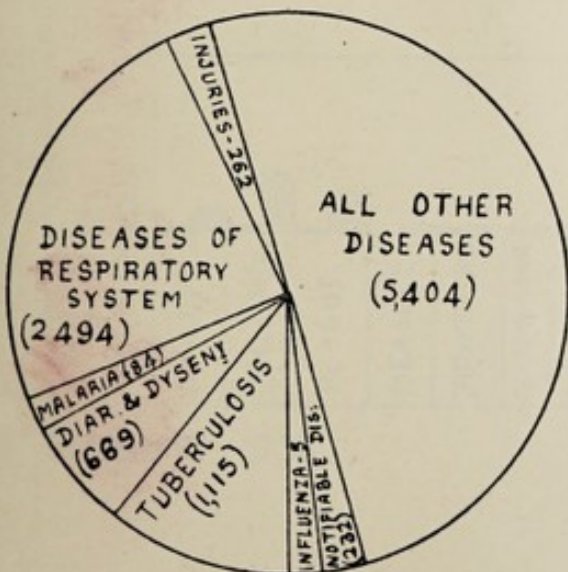


1935  
TOTAL DEATHS - 425.

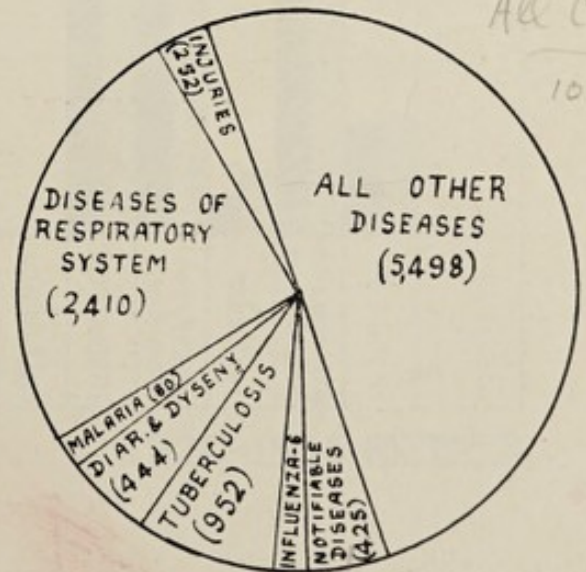


## DEATHS FROM PRINCIPAL CAUSES.

1936  
TOTAL DEATHS - 10,265.



1935  
TOTAL DEATHS - 10,067



*All Causes*  
10,000

*Red*

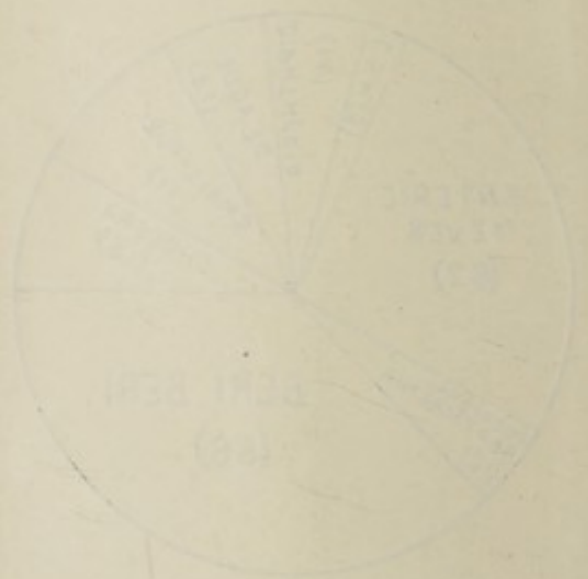


COMPARATIVE CHARTS SHOWING MORTALITY FROM  
 PRINCIPAL CAUSES DURING 1932 AND 1933  
 DEATHS FROM NOTIFIABLE DISEASES

1932  
 TOTAL DEATHS - 432



1933  
 TOTAL DEATHS - 352



DEATHS FROM PRINCIPAL CAUSES

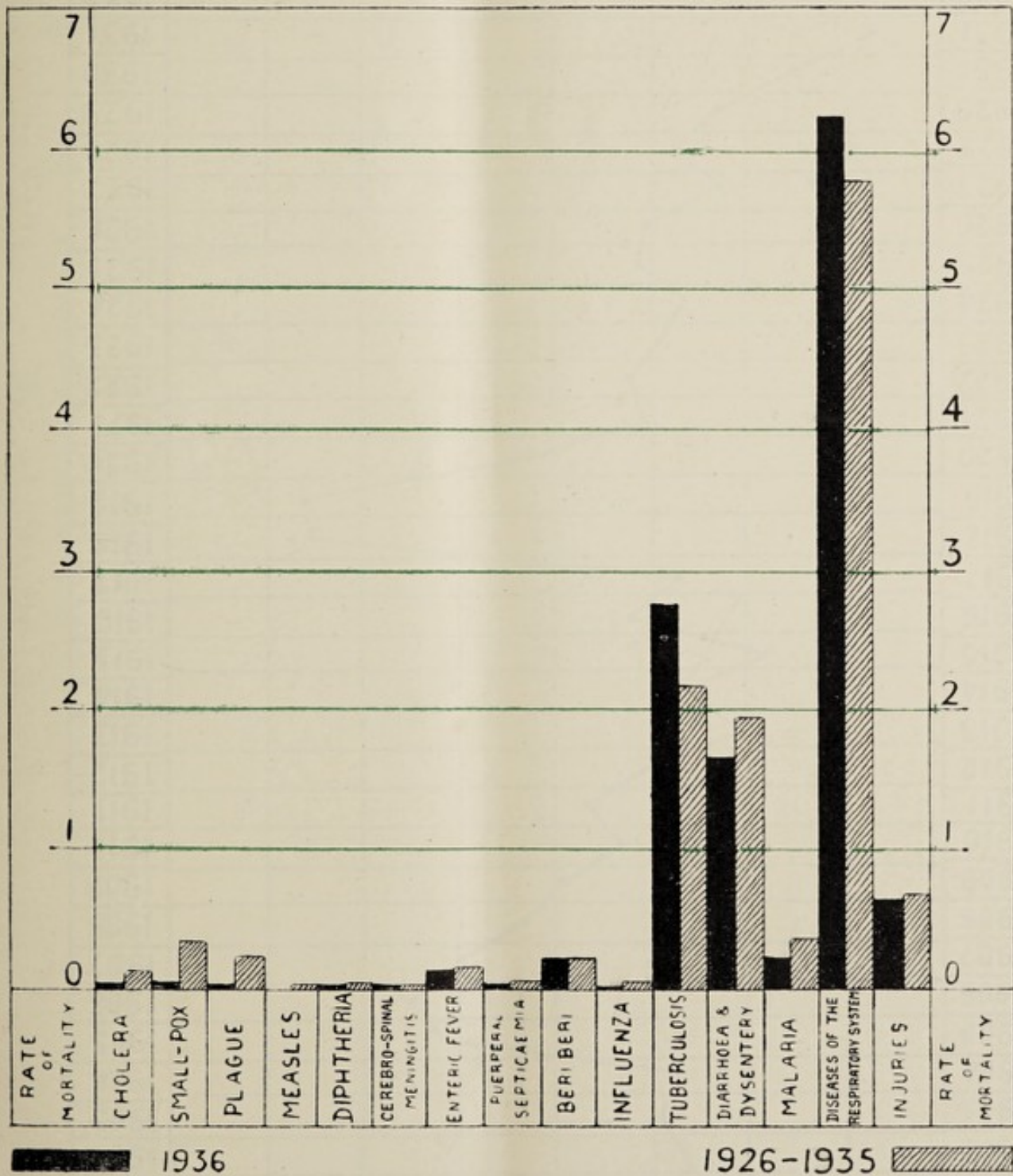
1932  
 TOTAL DEATHS - 1064



1933  
 TOTAL DEATHS - 902

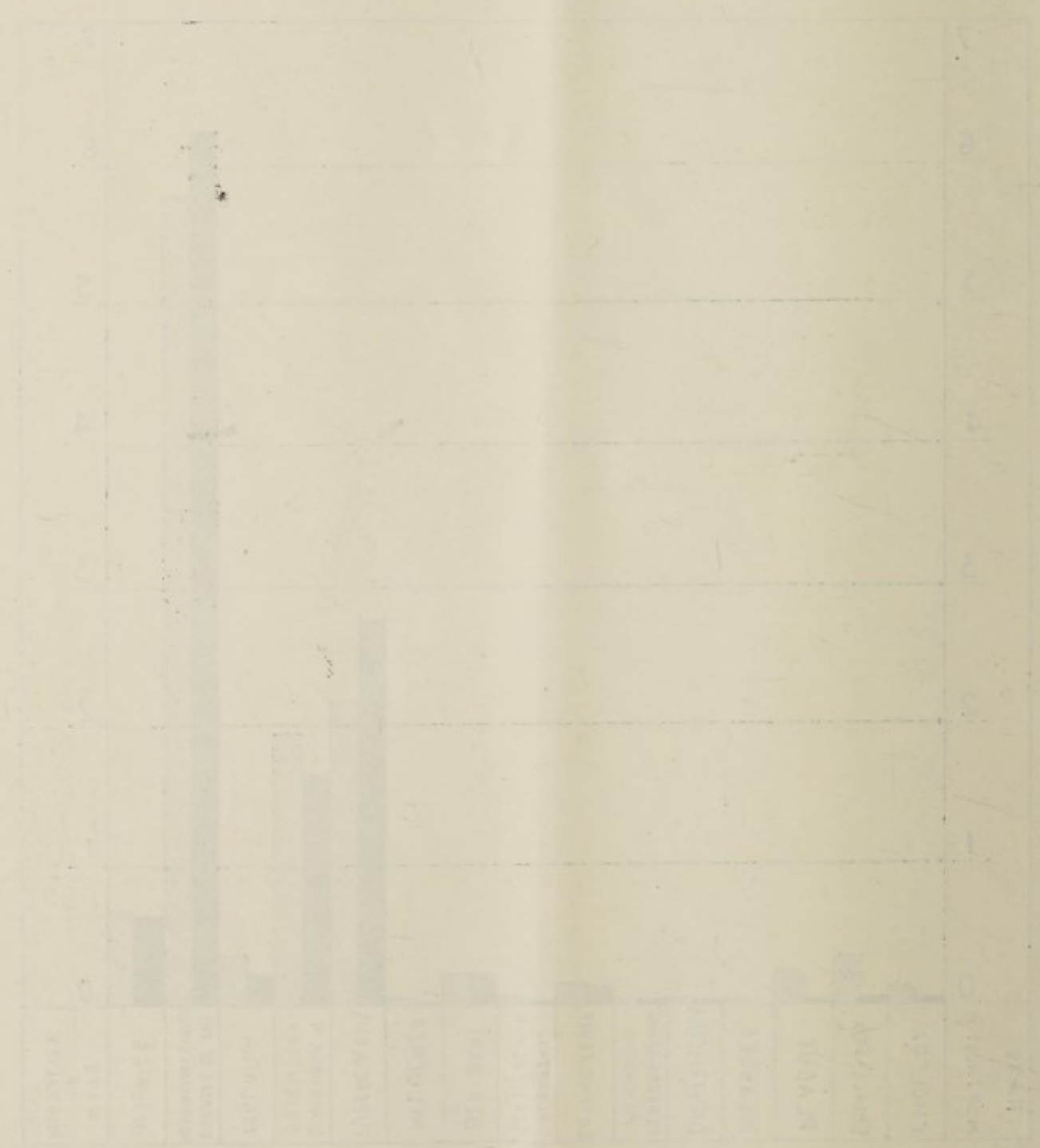


DEATH RATES PER 1,000 OF POPULATION FROM  
 PRINCIPAL CAUSES IN  
 1936 AND THE AVERAGES OF 1926-1935.



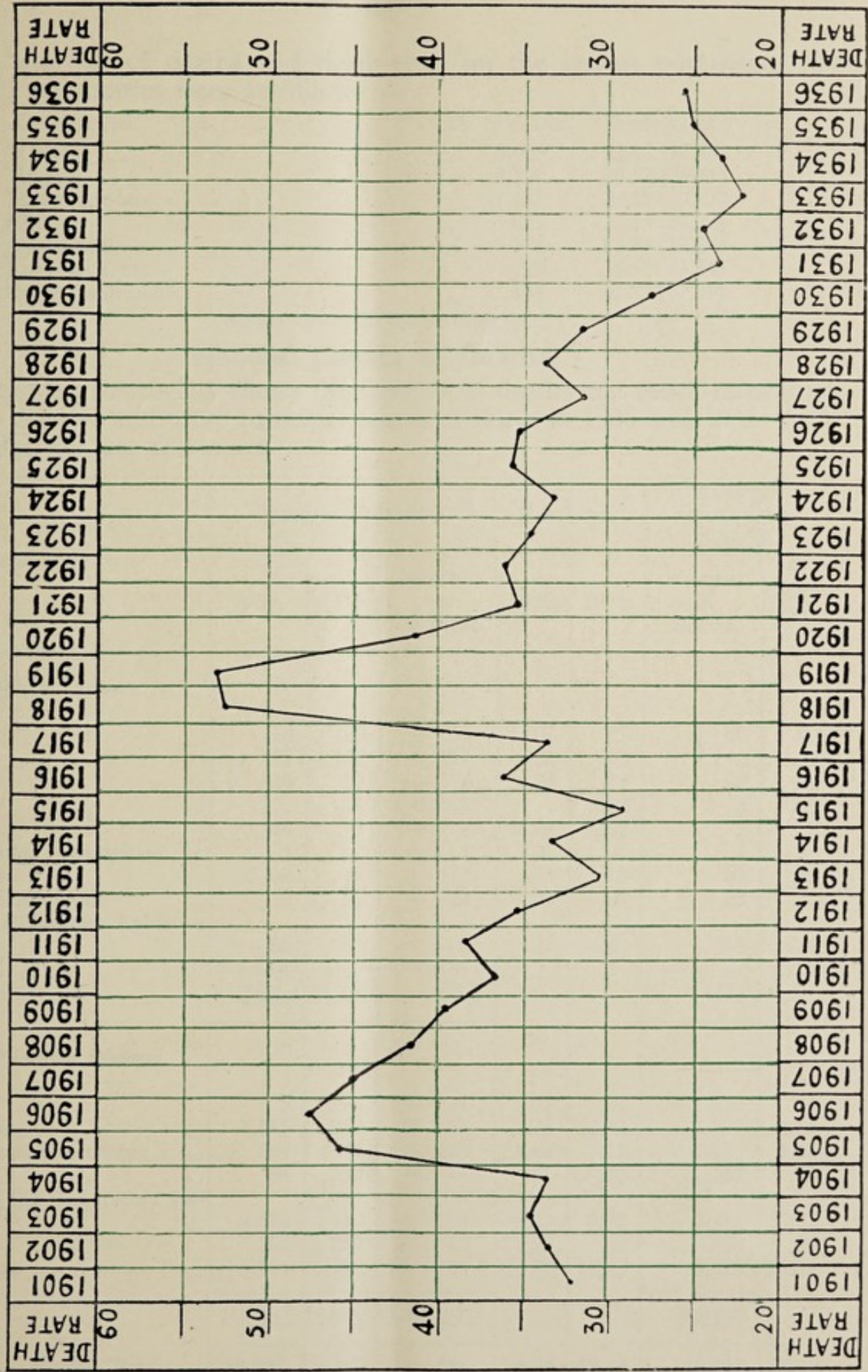


DEATH RATES PER 1000 OF POPULATION FROM  
 PRINCIPAL CAUSES IN  
 1926 AND THE AVERAGES OF 1926-1932

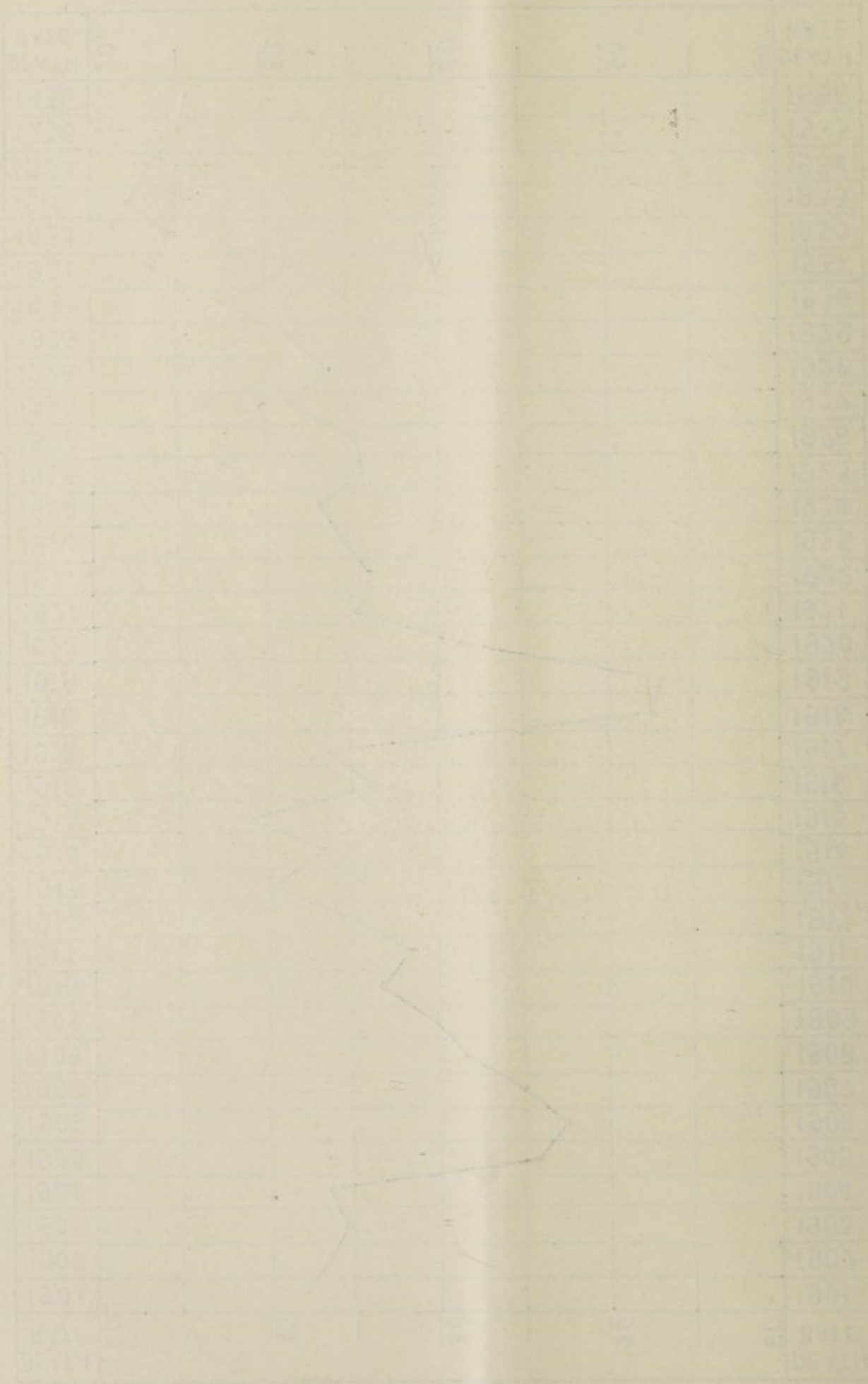


1926-1932 AVERAGE

# DEATH RATE FROM 1901 TO 1936.







DEWITT WYLLIE 4 NOV 1891 TO 1930

The number of deaths and death-rates on the census population for different communities were as follows :—

Communities.	No. of deaths.	Death-rates.
Burmese .. ..	4,004	32.82 (31.16)
Hindus .. ..	3,300	23.42 (24.41)
Mohammedans .. ..	1,431	20.22 (20.13)
Chinese .. ..	899	29.35 (27.33)
Anglo-Indians .. ..	173	17.34 (17.24)
Europeans, etc. .. ..	20	4.52 (3.84)
Other communities .. ..	438	20.19 (17.24)

( ) Shows figures for the previous year.

### Principal Causes of Deaths.

The table given below shows the number of deaths and death-rates from notifiable diseases and other principal causes of death in 1936 and 1935 with averages for the last *decennium*.

Cause of death.	Number of deaths.			Death-rate.		Average for 10 years 1926-35.	
	1936.	1935.	Increase or decrease.	1936.	1935.	Number of deaths.	Death-rate.
<i>Notifiable Diseases.</i>							
Cholera .. ..	18	69	— 51	.04	.17	49	.12
Small-pox .. ..	21	172	— 151	.05	.43	142	.35
Plague .. ..	14	17	— 3	.03	.04	90	.22
Measles .. ..	..	1	— 1	..	.002	3	.007
Diphtheria .. ..	14	7	+ 7	.03	.02	7	.02
Cerebro-Spinal Meningitis .. ..	5	6	— 1	.01	.01	5	.01
Enteric Fever .. ..	62	49	+ 13	.15	.12	64	.16
Puerperal Septicaemia .. ..	12	23	— 11	.03	.06	23	.06
Beri-Beri including Epidemic Dropsy .. ..	86	81	+ 5	.21	.20	86	.21
	232	425	— 193			469	
<i>Other Principal Diseases.</i>							
Influenza .. ..	5	6	— 1	.01	.01	19	.04
Tuberculosis .. ..	1,115	952	+ 163	2.78	2.38	873	2.18
Diarrhoea and Dysentery .. ..	669	444	+ 225	1.67	1.11	783	1.96
Malaria .. ..	84	80	+ 4	.21	.20	152	.38
Diseases of the Respiratory system .. ..	2,494	2,410	+ 84	6.23	6.02	2,312	5.77
Injuries .. ..	262	252	+ 10	.65	.63	276	.69
Other Causes .. ..	5,404	5,498	— 94	13.50	13.73	5,413	13.52
	10,033	9,642	+ 391			9,828	
Grand Total .. ..	10,265	10,087	+ 198	25.64	25.14	10,297	25.72



### Infantile Mortality.

The total number of deaths among infants was 2,638 giving an infant mortality rate of 243.02 as compared with 2,603 deaths and a mortality rate of 251.35 in 1935.

873 infants or 33.09 per cent. died within the first month of their birth, including 634 infants or 24.03 per cent. dying within the first week for births.

Of the total number of infant deaths registered, 2,304 deaths occurred among the infants born within the city and 334 among those born outside. Of the aforesaid 2,304 infant deaths, the confinements in the case of 1,429 were attended to by unqualified midwives, 511 by qualified persons, 191 by the Maternity and Infant Welfare Society and the remaining 173 by the Dufferin Hospital.

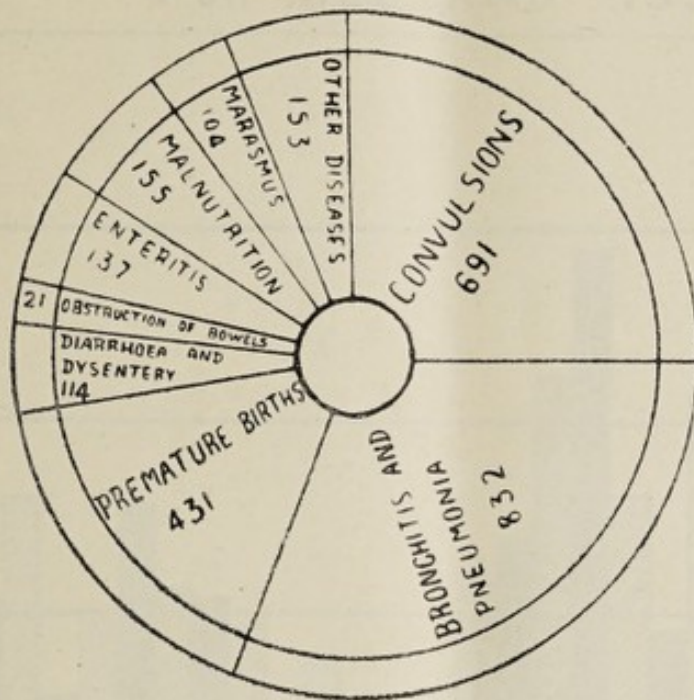
During the year 1935, out of the 10,356 infants born in Rangoon 2,074 died before completing the first year of life giving a mortality rate of 200.27 as against 228.39 in 1934. Of these 2,074 infant deaths,

	646 (873)	occurred in the	1st	month.
	336 (382)	" "	2nd	"
	423 (372)	" "	3rd	"
	228 (161)	" "	4th	"
	124 (96)	" "	5th	"
	60 (65)	" "	6th	"
	40 (64)	" "	7th	"
	40 (61)	" "	8th	"
	50 (61)	" "	9th	"
	45 (47)	" "	10th	"
	42 (33)	" "	11th	"
	32 (26)	" "	12th	"

*N.B.*—The figures given in brackets are for the year 1934.

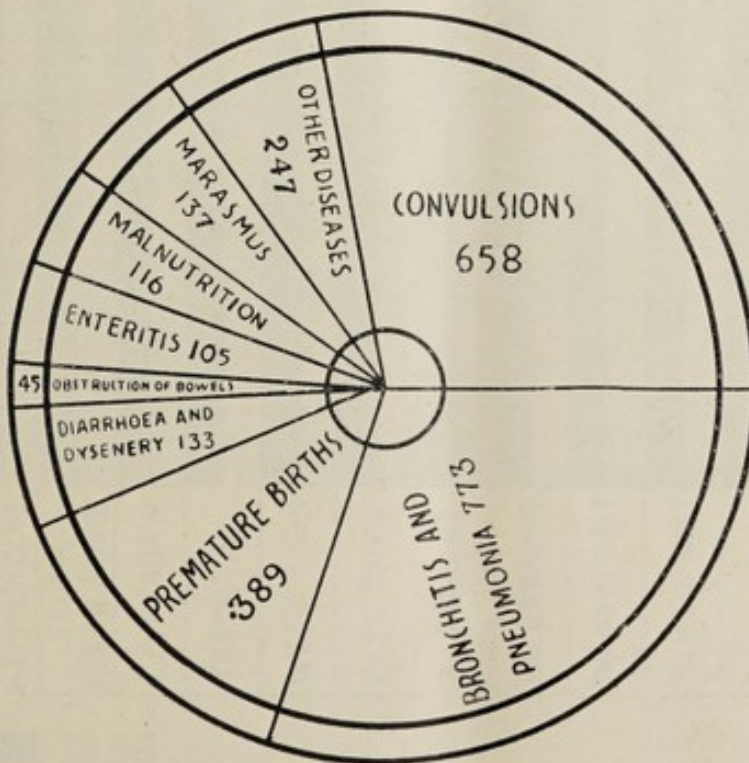
The following table gives comparative infantile mortality figures for the years 1932-36.

Year.	No. of births registered.	No. of infant deaths.	Death-rate.
1932	8,988	2,568	285.71
1933	9,427	2,423	257.03
1934	9,789	2,651	270.81
1935	10,356	2,603	251.25
1936	10,855	2,638	243.02



INFANT DEATHS ACCORDING  
TO DISEASES  
1936

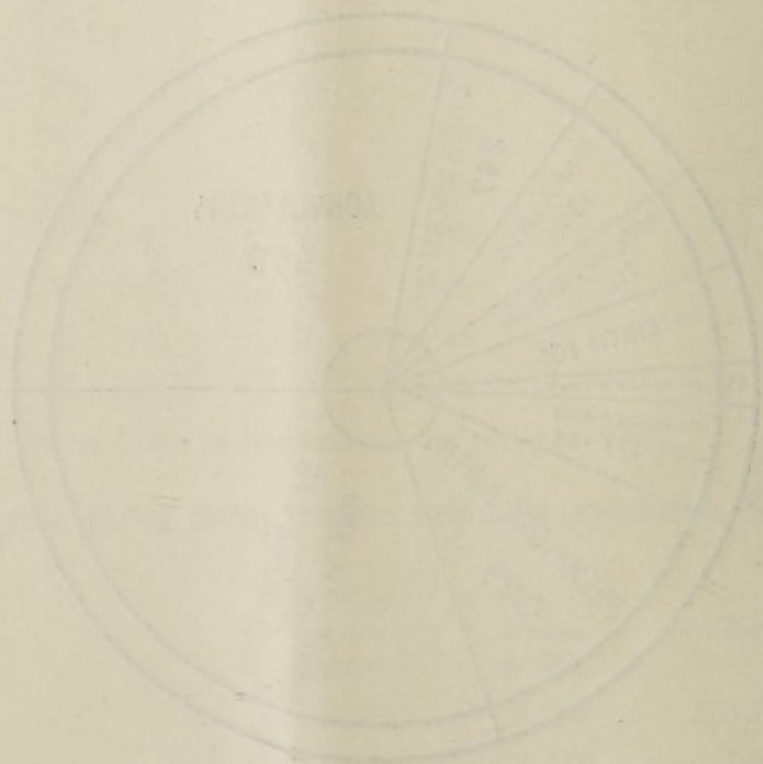
TOTAL NUMBER OF INFANT  
DEATHS - 2638



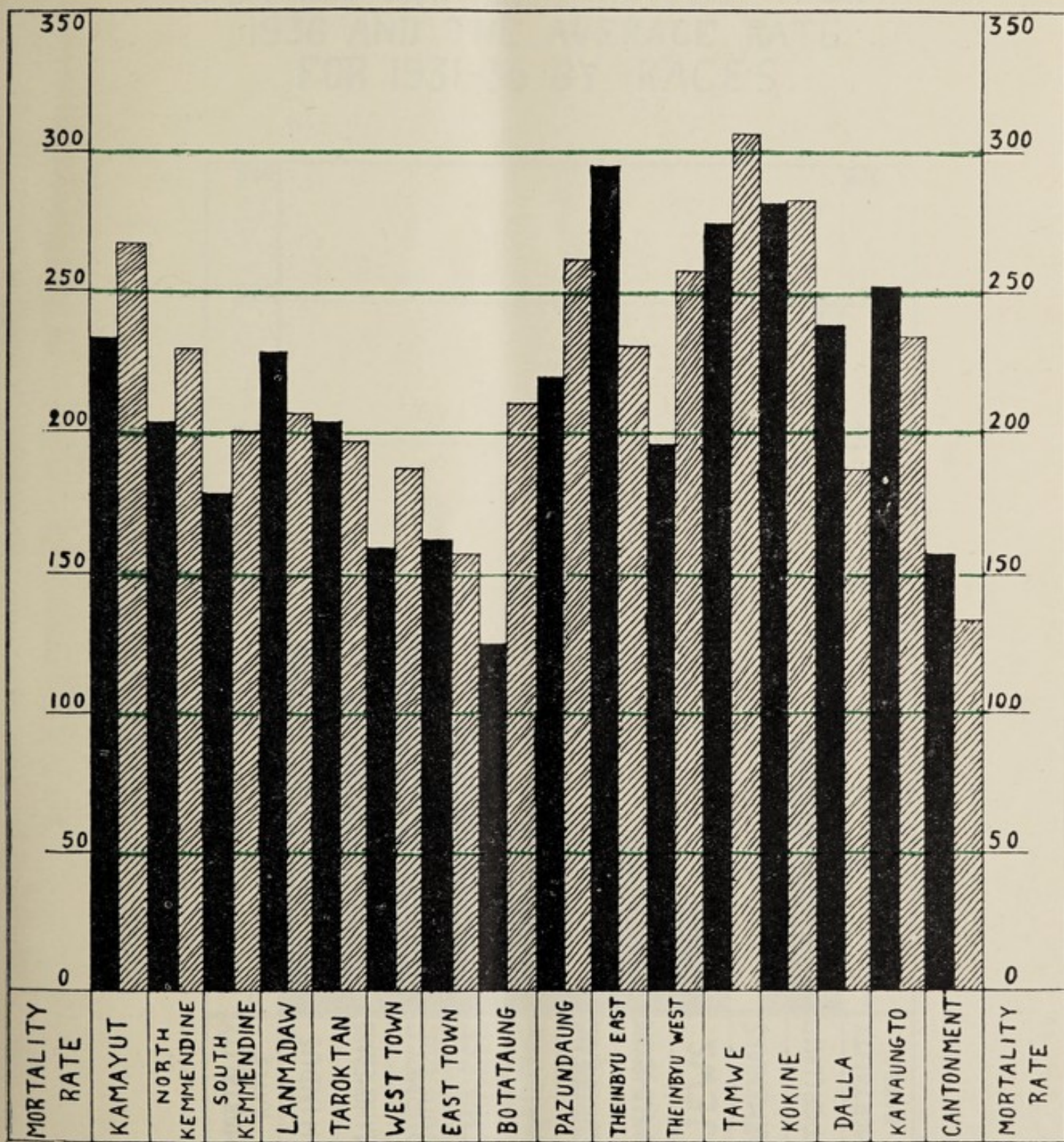
INFANT DEATHS ACCORDING  
TO DISEASES  
1935

TOTAL NUMBER OF INFANT  
DEATHS - 2603





# INFANT MORTALITY RATES BY CIRCLES FOR 1936 AND 1935.

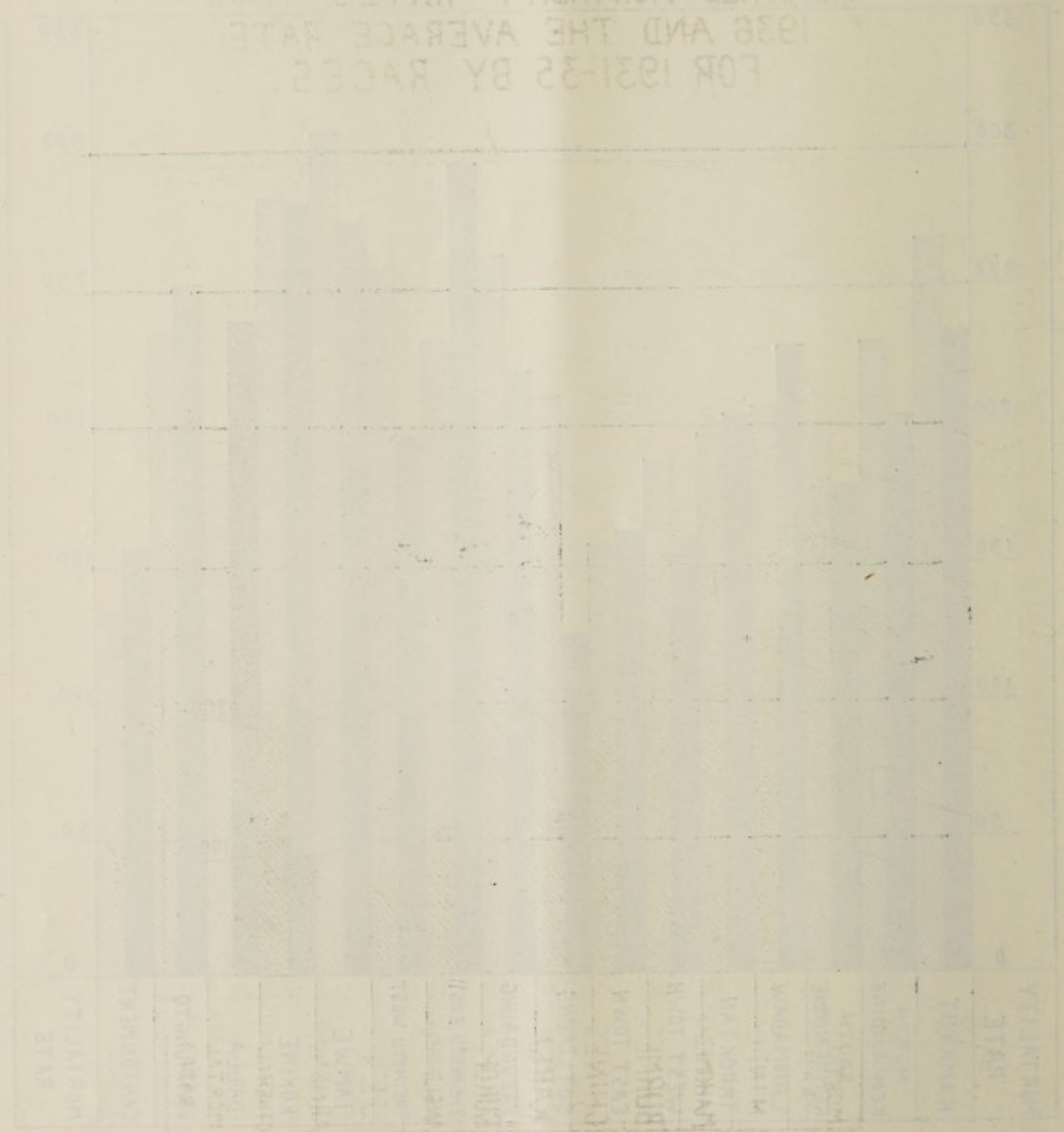


■ 1936

▨ 1935

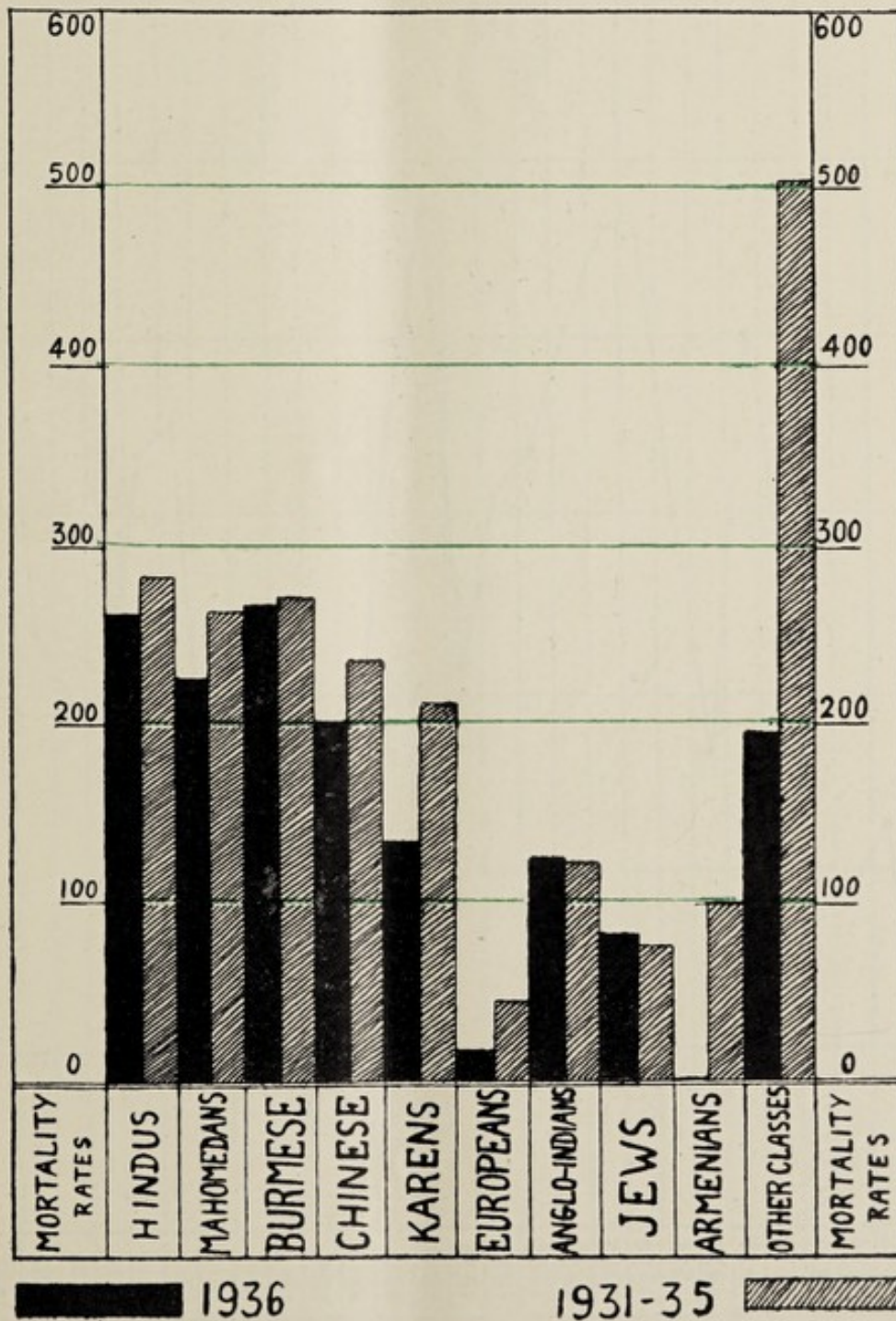


INFANT MORTALITY RATES BY RACES  
 INFANTILE MORTALITY RATES FOR  
 1936 AND THE AVERAGE RATE  
 FOR 1931-35 BY RACES



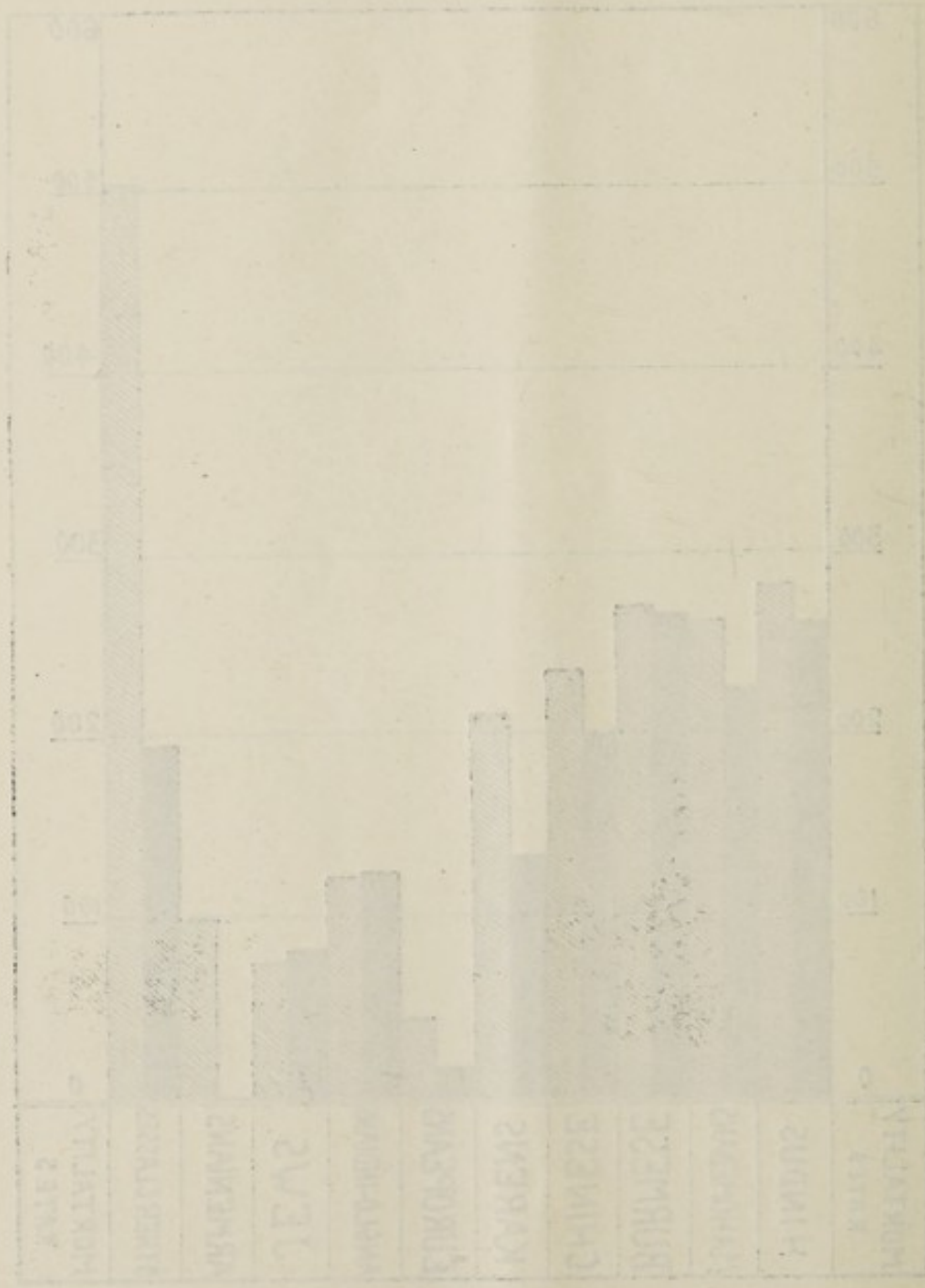
1936 1936

# INFANTILE MORTALITY RATES FOR 1936 AND THE AVERAGE RATE FOR 1931-35 BY RACES.





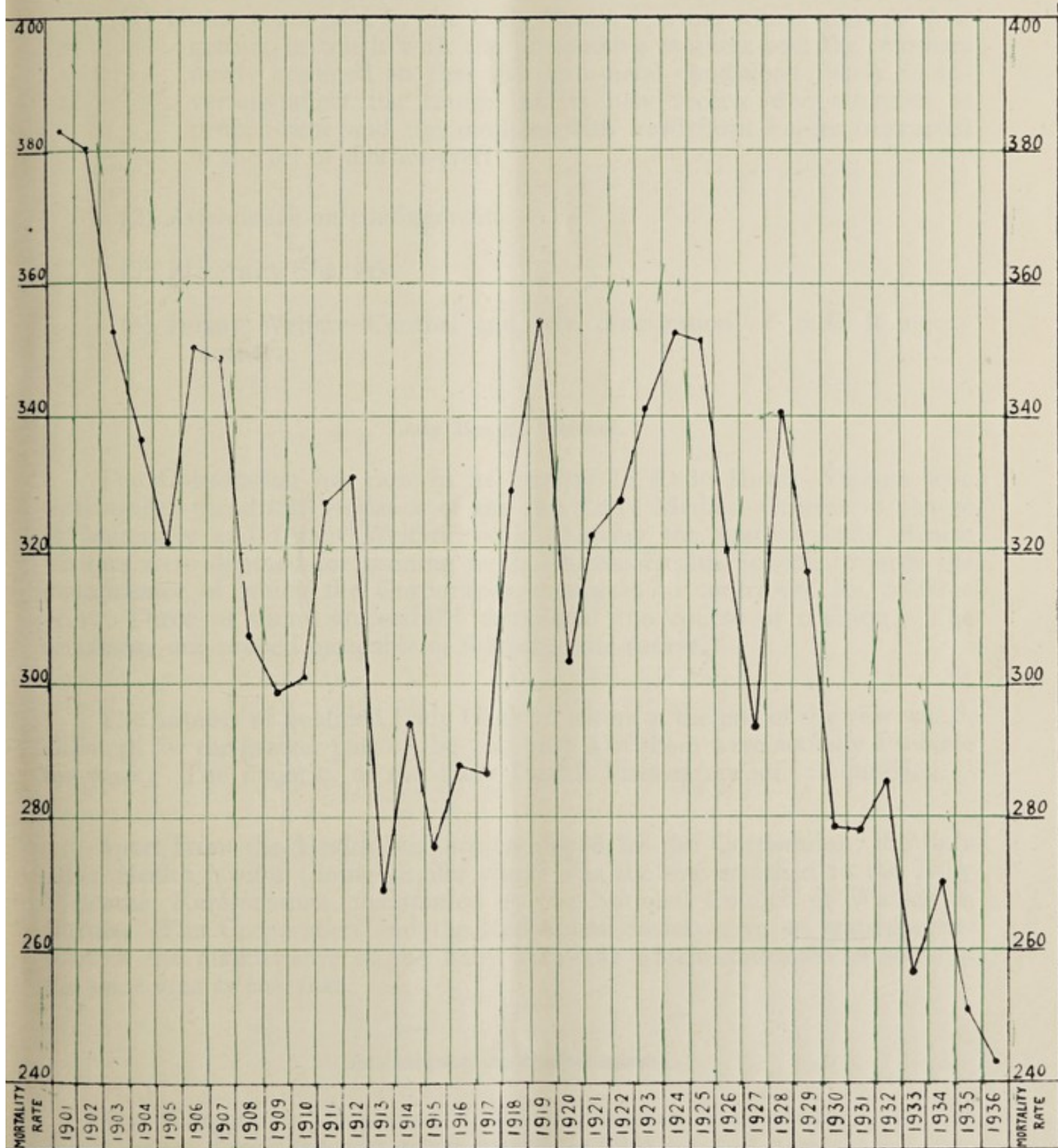
INFANTILE MORTALITY RATES FOR 1936 AND THE AVERAGE RATE FOR 1931-35 BY RACES.



1931-35 AVERAGE

1936

# INFANTILE MORTALITY RATES FROM 1901 TO 1936.







**Measures adopted for the prevention of infantile mortality in the City may be considered under the following heads :—**

- (1) Home visits paid by the Lady Health Visitors with a view to their getting in touch with the prospective mothers and the mothers newly confined so that the Ante-natal conditions likely to adversely affect the future infants may receive due attention at proper time and the mothers with newlyborn babies instructed in the art of mother-craft.
- (2) Attendance on confinements.
- (3) Maternity Shelters.
- (4) Infant Welfare Centres and free distribution of milk to needy mothers.

**Lady Health Visitors.**

The Corporation has now in its employ 15 Lady Health Visitors who work under the direct guidance of the two Lady Medical Officers in charge of Maternity and Infant Welfare work. During the year, 4 Lady Health Visitors were deputed for training to the Burma Health School, towards the maintenance of which the Corporation continues to contribute Rs. 5,000 a year. Three of them successfully completed the course of training. The remaining one proved incapable of following the course.

The number of qualified Lady Health Visitors at the end of the year was 6, although for the greater part of the year only 3 of them were actually available for work. The majority of the Lady Health Visitors are still unqualified.

Apart from the Health Visitors employed by the Corporation, the only other Health Visitor (doing similar work) was the one attached to the Baby Welcome, Kemmendine, maintained by the National Council of Women in Burma. The Corporation and the Red Cross Society give an annual grant towards the maintenance of the Baby Welcome which continued to work in the same area as last year.

**Attendance on confinements.**

The Corporation employed 5 Nurse-midwives who attended on 754 confinements during the year as against 723 in 1935.

Three of them were posted to the area where midwifery by unqualified persons is prohibited and the remaining two to Dalla and Kanaungto Circles.



The following statement shows the number of cases confined by the nurse-midwives, month by month during the year as compared with the previous year.

	1936.	1935.
January .. .. .	70	54
February .. .. .	64	45
March .. .. .	59	44
April .. .. .	59	54
May .. .. .	68	55
June .. .. .	53	71
July .. .. .	57	74
August .. .. .	61	63
September .. .. .	64	66
October .. .. .	71	76
November .. .. .	71	62
December .. .. .	57	59
	754	723

The Nurse-midwife of the Baby Welcome, Kemmendine, towards whose pay the Corporation gave a contribution of Rs. 959 confined 73 cases during the year.

#### Maternity Shelters.

The four maternity shelters in the suburban areas of the city continued to be under the management of the society for the promotion of infant welfare. The Corporation granted a contribution of Rs. 18,000 to the society during the year 1936-37. The number of confinements attended to by the staff of the society was 1,716 as against 1,822 in 1935.

#### Infant Welfare Centres.

Four such centres are maintained by the Corporation, two in the west suburban and two in the east suburban areas.

The fifth Centre (Baby Welcome, Kemmendine) is under the management of the National Council of Women in Burma.

The tables below give a summary of works done by the two Medical Officers in charge of the Maternity and Infant Welfare Centres and the Lady Health Visitors under them during the year :—

#### Medical Officers.

*No. of home visits paid for—*

Infant Welfare work .. .. .	1,987 (2,489)
Post-Natal work .. .. .	1,333 (1,418)
Ante-Natal work .. .. .	1,208 (1,354)



*No. of enquiries made regarding—*

Infantile deaths .. .. .	974	(785)
Still-births .. .. .	100	(141)
Puerperal Fever cases .. .. .	8	(16)
Ophthalmia cases .. .. .	7	(10)

**Lady Health Visitors.***(a) Home visiting—*

No. of Ante-Natal, 1st visit .. .. .	2,158	(1,771)
No. of Ante-Natal, re-visits .. .. .	4,209	(3,731)
No. of Post-Natal, 1st visit .. .. .	3,717	(3,431)
No. of Post-Natal, re-visits .. .. .	740	(1,383)
No. of Infants, 1st visit .. .. .	5,097	(4,166)
No. of Infants, re-visits .. .. .	41,729	(36,166)
No. of Toddlers, 1st visit .. .. .	712	(1,240)
No. of Toddlers, re-visits .. .. .	1,906	(3,027)
Friendly visits .. .. .	2,398	(1,469)

*(b) No. of enquiries made regarding—*

Infant deaths .. .. .	1,058	(1,101)
Still-births .. .. .	124	(155)
Puerperal Fever cases .. .. .	7	(24)
Ophthalmia cases .. .. .	12	(14)

*(c) Centre attendance—*

Ante-Natal, 1st visit .. .. .	923	(1,255)
Ante-Natal, re-visits .. .. .	754	(1,098)
Infants, 1st visit .. .. .	1,765	(2,150)
Infants, re-visits .. .. .	3,481	(3,718)
Toddlers, 1st visit .. .. .	158	(394)
Toddlers, re-visits .. .. .	203	(266)

Summary of work done by the Lady Health Visitor attached to the Baby Welcome, Kemmendine :—

*Home visiting—*

Ante-Natal cases, 1st visit .. .. .	256
Ante-Natal cases, re-visits .. .. .	556
Infants, 1st visit .. .. .	379
Infants, re-visits .. .. .	15,082
Toddlers, 1st visit .. .. .	1
Toddlers, re-visits .. .. .	1,977

*Centre attendance—*

Ante-Natal, 1st visit .. .. .	252
Ante-Natal, re-visits .. .. .	459
Infants, 1st visit .. .. .	351
Infants, re-visits .. .. .	1,512
Toddlers, 1st visit .. .. .	224
Toddlers, re-visits .. .. .	2,042



**Milk Distribution.**

211 infants under one year of age and 19 nursing mothers were supplied with milk at the Infant Welfare Centres at a cost of Rs. 5,768-8-0 to the Corporation.

Of the infants supplied with milk, 26 died giving an infantile mortality rate of 123 per 1,000. 4,792 infants were under the care of the Health Visitors employed by the Corporation out of which 698 died giving an infantile mortality rate of 145.66.

**Maternal Mortality.**

The maternal mortality rate per 1,000 live births was 6.91. The following table shows the various causes of death connected with child-bearing :—

Specific causes of death.	No. of deaths.
Ante-partum Haemorrhage .. .. .	..
Post-partum Haemorrhage .. .. .	14
Toxaemias (Eclampsia, Hyperemesis, Gravidarum Acute yellow Atrophy, Albuminuria) .. .. .	11
Puerperal Sepsis (Sapraemia Septicaemia, Phlegmasia Alba Dolens, Coli Infection etc.) .. .. .	21
Embolism .. .. .	4
Shock during or immediately after delivery .. .. .	7
Anaemia of Pregnancy .. .. .	2
Heart Disease (Complications of Pregnancy) .. .. .	6
Rupture of uterus .. .. .	5
Other causes .. .. .	5
Total .. .. .	75

**Cholera.**

The number of Cholera attacks during the year was 22 as against 95, and deaths 18 as against 69 in the previous year. Among them there were 3 imported cases of which 2 proved fatal.

15 cases were treated at the Contagious Diseases Hospital of which 12 died giving a case mortality rate of 80 per cent. 7 cases were treated at home of which 6 died, giving a case mortality rate of 85.71 per cent.



The death-rate was .04 per 1,000 population. The number of persons inoculated against Cholera was 2,659. 2,656 persons were inoculated by the Medical Officers of the Health Department and 3 by a Private Medical Practitioner.

### Small-pox.

There were 100 cases of Small-pox with 21 deaths during the year of which 33 cases with 8 deaths were imported, the corresponding figures for the previous year being 530 cases with 172 deaths.

The death-rate was .05 per 1,000. The average for the past five years being .39.

Out of the total number of deaths, 4 occurred among the cases in which vaccination scars were visible, 5 among those said to have been vaccinated in infancy but in which no scars were visible and 12 among the un-vaccinated. 9 un-vaccinated children under five years of age were attacked with the disease and 4 of them died.

92 cases including 2 of the previous year were treated at the Contagious Diseases Hospital of which 11 died, giving a case mortality rate of 11.96 per cent.

10 cases were treated at home and all of them proved fatal, giving a case mortality rate of cent per cent.

The following table gives the number of attacks and deaths from Small-pox and the number of vaccinations performed month by month during the year :—

Months.	Attacks.	Deaths.	Vaccinations performed by the Corporation Staff.	Vaccinations performed by Private Practitioners and Contagious Diseases Hospital Staff.	Vaccinations performed at Rangoon Jail by Jail Staff.	Vaccinations performed at the Port Health Station on arrival of vessels.	Total Vaccinations.
January ..	10	1	9,914	286	341	12,347	22,888
February ..	9	2	13,313	508	453	14,266	28,540
March ..	22	6	8,146	497	429	11,507	20,579
April ..	17	6	4,334	348	460	10,605	15,747
May ..	4	1	1,680	170	506	11,227	13,583
June ..	7	..	6,031	236	433	10,898	17,598
July ..	3	1	6,841	128	405	6,956	14,330
August ..	3	..	3,144	67	502	7,333	11,046
September ..	1	1	1,379	126	434	9,799	11,738
October ..	10	2	2,741	81	511	11,378	14,711
November ..	11	1	4,287	218	422	19,780	24,907
December ..	3	..	5,334	492	444	17,787	24,057
<b>Total ..</b>	<b>100</b>	<b>21</b>	<b>67,144</b>	<b>3,157</b>	<b>5,340</b>	<b>143,883</b>	<b>219,524</b>



Statement showing the vaccinal condition of Small-pox patients admitted into the Contagious Diseases Hospital, Rangoon, for the year ending the 31st December 1936 :—

	A.	B.	C.	D.	E.	F.
Age.	Vaccinated as evidenced by one or more vaccination cicatrices.	Stated to have been successfully vaccinated but no cicatrix present.	Stated to be unvaccinated or vaccinated unsuccessfully and no vaccination cicatrix present.	Previously unvaccinated but vaccinated during incubation of Small-pox.	Stated to have been successfully revaccinated.	Unvaccinated but had a previous attack of Small-pox.
	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.
Under 1 year .. ..	..	..	2	(1)	1	..
1 year .. ..	..	..	..	..	..	..
2 years .. ..	..	..	3	..	..	..
3 " .. ..	..	..	1	..	..	..
4 " .. ..	..	..	4	(1)	..	..
5 " .. ..	..	..	..	..	1	..
6 " .. ..	..	..	1	..	..	..
7 " .. ..	..	..	2	..	..	..
8 " .. ..	..	..	..	..	..	..
9 " .. ..	..	..	3	..	..	..
10 " .. ..	..	..	2	..	..	..
11 " .. ..	1	..	..	..	..	..
12 " .. ..	3	..	..	..	..	..
13 " .. ..	..	..	1	(1)	..	..
14 " .. ..	1	..	..	..	..	..
15 " .. ..	1	..	..	..	..	..
16—20 " .. ..	5	(1)	4	..	1	..
21—25 " .. ..	11	..	5	(2)	..	..
26—30 " .. ..	14	(2)	6	(1)	..	..
31—35 " .. ..	6	..	1	..	..	..
36—40 " .. ..	3	..	2	(1)	..	..
41—50 " .. ..	4	..	1	(1)	..	..
51—60 " .. ..	1	..	1	..	..	..
61—70 " .. ..	..	..	..	..	..	..
71—80 " .. ..	..	..	..	..	..	..
81 years and upwards.	..	..	..	..	..	..
Total .. ..	50	(3)	39	(8)	3	..

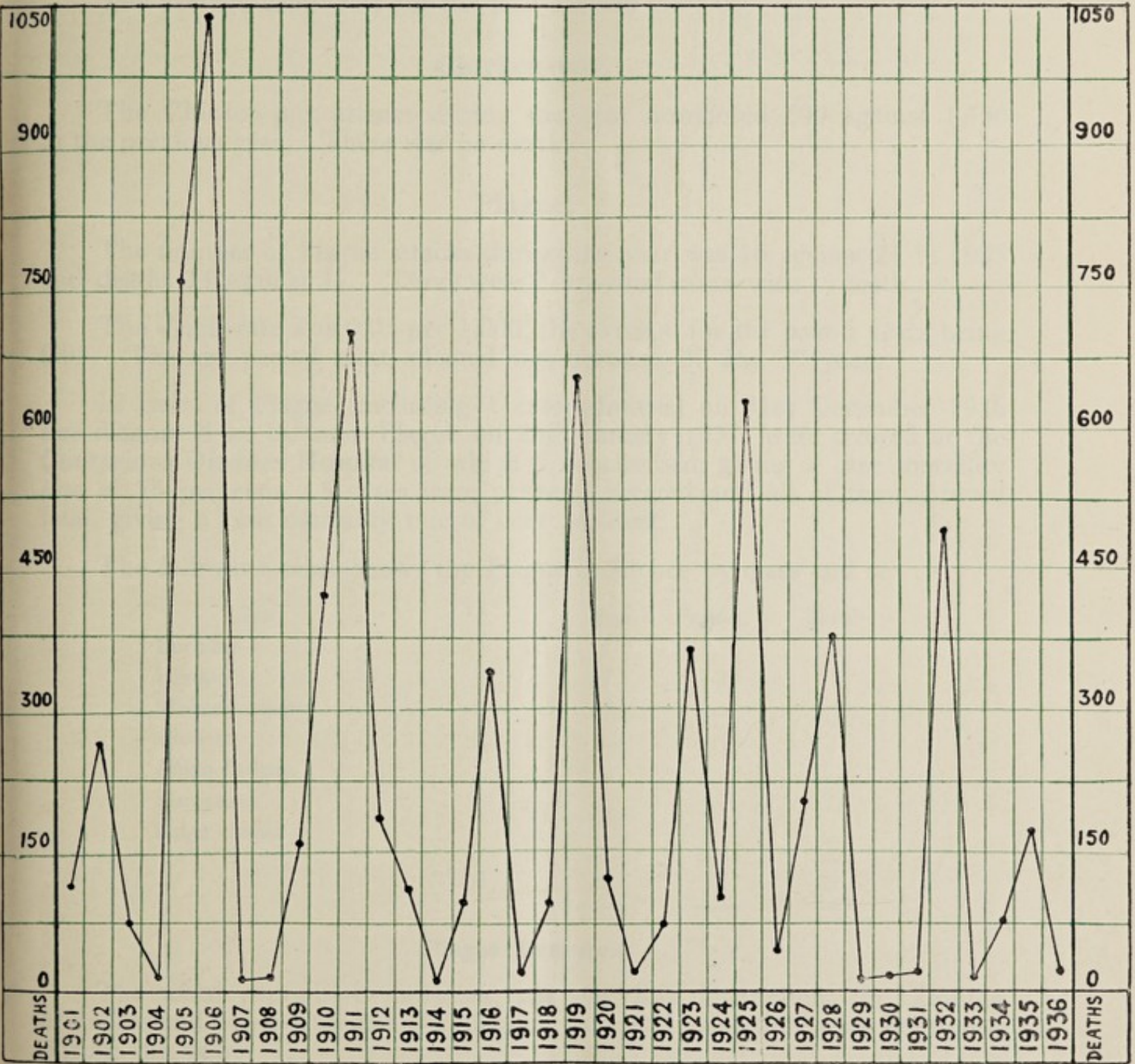
( ) Show deaths under each age period.

The following table gives the Small-pox incidence by class and sex during the year :—

Class.	Male.	Female.	Total.	Incidence per 1,000 population.
Burmese .. ..	15	16	31	.25
Hindus .. ..	34	14	48	.24
Mohammedans .. ..	13	3	21	.30
Chinese .. ..	..	..	..	..
Anglo-Indians .. ..	..	..	..	..
Europeans .. ..	..	..	..	..
Other classes .. ..	..	..	..	..



# SMALL-POX DEATHS FROM 1901 TO 1936.





SMALL POX DEATHS FROM 1901 TO 1933

Year	Deaths
1901	1
1902	1
1903	1
1904	1
1905	1
1906	1
1907	1
1908	1
1909	1
1910	1
1911	1
1912	1
1913	1
1914	1
1915	1
1916	1
1917	1
1918	1
1919	1
1920	1
1921	1
1922	1
1923	1
1924	1
1925	1
1926	1
1927	1
1928	1
1929	1
1930	1
1931	1
1932	1
1933	1

**Measles.**

The number of attacks from Measles was 123 during the year but there was no death. In the previous year there were 295 attacks and 1 death.

The average death-rate for the past 5 years is 0.005.

**Chicken-pox.**

The Chicken-pox attacks during the year numbered 699 against 1,150 in the previous year. There was no death.

**Plague.**

The number of Plague attacks during the year was 16 against 21 in 1935 and deaths 14 against 17. There were 2 imported cases with 1 death.

The death-rate was 0.03 per 1,000, the average for the past 5 years being 0.05. The age period most affected was between 20 and 30 years.

12 cases of Plague (including 1 case admitted on 31st December 1936 but diagnosed as Bubonic Plague on 2nd January 1937) were treated at the Contagious Diseases Hospital of which 9 succumbed, giving a case mortality rate of 75 per cent. 5 cases were privately treated and all of them proved fatal, giving a case mortality rate of cent per cent.

The following table shows the Plague incidence by class and sex :—

<i>Class.</i>	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Burmese .. .. .	1	..	1
Hindus .. .. .	7	1	8
Mohammedans .. .. .	7	..	7
Chinese .. .. .	..	..	..
Anglo-Indians .. .. .	..	..	..
Europeans .. .. .	..	..	..
Other classes .. .. .	..	..	..
Total .. .. .	15	1	16

**Plague Measures.**

The usual preventive measures, *viz.*, (a) Rat destruction, (b) Cleaning of houses and house-sites and Disinfection, and (c) Inoculation, were continued during the year.

(a) *Rat destruction.*—753,618 rats were caught and destroyed during the year of which 36,594 were examined at the Corporation Laboratory and 15 were found plague infected. The corresponding figures for the previous year were 769,632 rats caught and destroyed, 37,506 examined and 10 found infected.



The statement below shows month by month the number of rats caught and examined and the number of Plague attacks and deaths during 1936 :—

Months.	No. of rats caught.	No. of rats examined.	No. of rats found infected.	Percentage of infection.	No. of Plague attacks.	No. of Plague deaths.
January ..	63,752	2,624	1	.04	..	..
February ..	60,087	3,129	2	.06	1	..
March ..	64,085	2,932	3	.10	..	..
April ..	62,058	2,465	..	..	..	..
May ..	64,549	3,285	1	.03	4	4
June ..	63,003	3,514	..	..	3	2
July ..	65,102	3,792	3	.08	5	5
August ..	64,728	3,988	2	.05	2	1
September ..	61,220	2,985	3	.10	..	1
October ..	62,267	2,676	..	..	1	1
November ..	60,030	2,700	..	..	..	..
December ..	61,727	2,504	..	..	..	..
Total ..	753,618	36,594	15	.04	16	14

The following table shows the species of rats found infected according to circles :—

Circles.	Mus Musculus.	Nesokia Bengalensis.	Rattus Rattus.	Mus Conculcor.	B. Nor.	C. Coer.	Total.
Kamayut ..	..	..	..	..	..	..	..
North Kemmendine ..	..	..	..	1	..	..	1
South Kemmendine ..	..	..	..	1	..	..	1
Lanmadaw ..	..	..	..	..	..	..	..
Taroktan ..	..	..	..	1	..	..	1
West Town ..	..	1	..	..	..	..	1
East Town ..	..	..	..	4	..	..	4
Botataung ..	..	1	1	..	..	..	2
Pazundaung ..	..	..	..	1	..	..	1
Theinbyu East ..	..	1	..	1	..	..	2
Theinbyu West ..	..	..	..	..	..	..	..
Tamwe ..	..	..	..	1	..	..	1
Kokine ..	..	..	..	..	..	..	..
Dalla ..	..	..	..	..	..	..	..
Kanaungto ..	..	1	..	..	..	..	1
Port ..	..	..	..	..	..	..	..
Total ..	4	1	..	10	..	..	15

(b) *Cleaning and Disinfection.*—906 houses were disinfected and 26,001 houses and house-sites were cleaned during the year. The houses in the poor quarters were as usual cleaned free of charge.

The table below shows the number of inoculations performed, houses disinfected, houses and house-sites cleaned, rats destroyed together with the number of Plague deaths for the years 1926-1935 :—

Year.	Inoculations performed.	Houses and house-sites cleaned.	Houses disinfected.	Rats destroyed.	Plague deaths.
1926 .. ..	605	20,747	1,738	6,69,184	257
1927 .. ..	162	40,010	1,733	8,64,962	168
1928 .. ..	336	32,527	5,140	8,61,827	257
1929 .. ..	292	11,973	1,096	6,79,699	94
1930 .. ..	262	9,266	847	5,67,490	38
1931 .. ..	215	16,536	713	5,78,908	14
1932 .. ..	168	21,803	2,605	6,47,088	27
1933 .. ..	87	22,064	598	6,67,798	9
1934 .. ..	540	15,870	1,017	7,34,689	27
1935 .. ..	535	20,161	1,639	7,69,632	17
1936 .. ..	2,372	26,001	906	7,53,618	14

(c) *Inoculation*.—2,372 persons were inoculated against Plague during the year, 2,349 by the Medical Staff of the Health Department of the Corporation and 23 by Private Medical Practitioners.

### Enteric Fever.

There were 183 attacks and 62 deaths from Enteric fever during the year as compared with 186 attacks and 49 deaths in the previous year.

The death-rate was .15 per 1,000 population, the average for the last 5 years being 0.14.

The number of deaths for the last 5 years is as follows :—

1932 ..	85
1933 ..	52
1934 ..	46
1935 ..	49
1936 ..	62



The highest number of attacks (62) occurred among the Hindu community and the next highest (35) among the Burmese community. The Mohammedan community accounted for 31 cases. There were more cases among the males than the females (132 against 51).

The age period most affected was the one between 20 and 30 years.

Of the 62 deaths, 44 occurred at the Rangoon General Hospital, 6 at the Ramakrishna Mission Hospital, 1 at the Rangoon Jail and 11 at private residences.

The following statement shows the number of attacks and deaths according to circles :—

<i>Circles.</i>	<i>Attacks.</i>	<i>Deaths.</i>
Kamayut .. .. .	3	2
North Kemmendine .. .. .	2	..
South Kemmendine .. .. .	11	4
Lanmadaw .. .. .	5	2
Taroktan .. .. .	9	4
West Town .. .. .	13	6
East Town .. .. .	34	12
Botataung .. .. .	21	3
Pazundaung .. .. .	6	2
Theinbyu East .. .. .	13	2
Theinbyu West .. .. .	15	4
Tamwe .. .. .	11	..
Kokine .. .. .	2	2
Dalla .. .. .	4	..
Kanaungto .. .. .	1	1
Cantonment .. .. .	..	..
Port .. .. .	2	..
Direct admission into hospitals .. .. .	15	5
Unknown .. .. .	16	13
Total .. .. .	183	62

### **Cerebro-Spinal Meningitis.**

The number of attacks of Cerebro-Spinal meningitis during the year was 7 against 8 in the previous year and deaths 5 against 6.

The death-rate per 1,000 population was 0.01, the average for the past 5 years being 0.006.

### **Diphtheria.**

There were 32 attacks and 14 deaths during the year against 24 attacks and 7 deaths in 1935.



The death-rate was 0.03 per 1,000 population and the average for the past 5 years 0.02.

### **Puerperal Septicaemia.**

There were 12 attacks and as many deaths during the year against 24 attacks and 23 deaths in the previous year.

Death-rate per 1,000 births (including still-births) was 1.05, the average for the past 5 years being 1.93.

### **Beri-Beri including Epidemic Dropsy.**

The number of attacks of these diseases recorded during the year was 199 against 610 in 1935 and deaths 86 against 81.

The death-rate for the year was .21 per 1,000, the average for the past 5 years being .20.

The table below shows the number of deaths from these diseases for the past five years :—

1932	..	98
1933	..	75
1934	..	83
1935	..	81
1936	..	86

As in the previous year, most of the cases occurred among the Bengalee community and persons of very modest means.

### **Typhus Fever.**

The Typhus fever attacks recorded during the year numbered 7 of which 1 was imported. There was no death from this disease. In the previous year also, no death occurred among the 16 cases recorded.

### **Malarial Fever.**

Malaria caused 84 deaths during the year as compared with 80 deaths in the previous year, giving a death-rate of .21 per 1,000, the average for the past 5 years being 0.27. The circles most affected were Kamayut, Pazundaung and Dalla.

### **Influenza.**

The number of deaths recorded as due to Influenza was 5 during the year against 6 in the previous year. The death-rate for the year was 0.01 per 1,000 and the average for the past 5 years 0.02.



### Diarrhoea and Dysentery.

These diseases accounted for 669 deaths during the year as against 444 in the previous year. Out of them, 170 deaths took place in hospitals.

The death-rate per mille population was 1.67, the average for the past 5 years being 1.29. The largest number of deaths occurred in the months of July, August and December. The circles most affected were Kamayut, Pazundaung, Theinbyu East and West and Tamwe.

The various classes affected are shown below :—

Hindus	..	..	277 or 1.96
Christians	..	..	56 or 1.81
Buddhists	..	..	216 or 1.60
Mohammedans	..	..	105 or 1.49
Other classes	..	..	15 or 0.67

The age groups most affected were 1-5 years and 60 years and over and males and females were affected in the ratio of 10: 7.

### Tuberculosis.

The number of deaths recorded as due to Tuberculosis during the year was 1,115 as compared with 952 in the previous year. The death-rate was 2.78 per mille.

*Sex and Class incidence.*—The following statement shows the number of deaths and death-rates from all forms of Tuberculosis according to sex for the past 5 years :—

Year.	Male.		Female.	
	No. of deaths.	Death-rate.	No. of deaths.	Death-rate.
1932	.. 569	2.10	265	2.05
1933	.. 561	2.07	256	1.98
1934	.. 572	2.11	259	2.00
1935	.. 648	2.39	304	2.35
1936	.. 757	2.79	358	2.77

The number of deaths and death-rates among the various communities were as follows in the year under report :—

Communities.	No. of deaths.	Death-rate.
Buddhists	.. .. 397	2.93
Hindus	.. .. 392	2.78
Mohammedans	.. .. 193	2.73
Christians	.. .. 61	1.97
Other classes	.. .. 72	3.22



**Tubercle of Lung.**

The number of deaths recorded as due to Tubercle of Lung or Phthisis was 1,036, the death-rate being 2.59 per 1,000.

The following circles showed comparatively higher mortality from Phthisis, the rate for Kamayut Circle being the highest.

Kamayut	..	..	..	3.00
Taroktan	..	..	..	2.99
Lanmadaw	..	..	..	2.81
Theinbyu East	..	..	..	2.38
Theinbyu West	..	..	..	2.35
North Kemmendine	..	..	..	2.14
Dalla	..	..	..	1.88
South Kemmendine	..	..	..	1.65

West Town, East Town, Botataung, Pazundaung and Kanaungto circles recorded comparatively lower death-rates, the lowest being 0.80 in Botataung Circle.

Out of the total number of deaths, 403 deaths were recorded in hospitals and other public institutions.

The number of deaths amongst the males was more than twice that of females. The communities which suffered most were first the Buddhists and next the Hindus.

The following table shows the number of deaths and death-rates from Tubercle of Lung amongst the various communities during 1936 :—

<i>Communities.</i>	<i>No. of deaths.</i>	<i>Death-rates.</i>
Buddhists ..	.. 374 (398)	2.76 (2.94)
Hindus ..	.. 365 (283)	2.59 (2.01)
Mohammedans	.. 172 (143)	2.43 (2.02)
Christians ..	.. 56 (45)	1.81 (1.46)
Other classes	.. 69 (13)	3.08 ( .58)

The following table shows the number of deaths from Tubercle of Lung under the various age groups :—

Age Period.	No. of deaths from Tuberculosis of Lung.	Percentage of death to the total number of deaths from Tuberculosis of Lung.
0— 5 .. ..	3	0.29
6—10 .. ..	6	0.58
11—20 .. ..	65	6.27
21—30 .. ..	278	26.83
31—40 .. ..	327	31.56
41—50 .. ..	201	19.40
51—60 and over .. ..	156	15.06
Total .. ..	1,036	100.00



The number of deaths from Tubercle of Lung together with other Respiratory diseases and their death-rates per 1,000 of population were as follows :—

	<i>Deaths.</i>	<i>Death-rates.</i>
Tubercle of Lung ..	1,036 (882)	2.59 (2.20)
Other Respiratory Diseases ..	1,494 (2,410)	6.23 (6.03)
Total ..	3,530 (3,292)	8.82 (8.23)

#### Tuberculosis Dispensary.

In order to deal with the increasing menace of Tuberculosis, the Corporation opened a free Tuberculosis Dispensary in East Rangoon in December 1935. Dr. Malhotra, who was specially trained for this purpose held charge of the dispensary throughout the year under report. The dispensary is growing in popularity and is being equipped with an X-Ray apparatus.

The number of patients who attended the dispensary during the year and the total attendance are shown in the table below :—

Year.	New Patients.			Total attendance.		
	Males.	Females.	Total.	Males.	Females.	Total.
1935 .. (Part of December)	175	68	243	863	278	1,141
1936 ..	2,634	1,011	3,645	18,426	5,979	24,405

Out of these 3,645 new patients, 735 were found to be suffering from Pulmonary Tuberculosis, 21 from Tuberculosis of the Glands, 22 from Tuberculosis of other organs such as Peritoneum, Caecum, Hip, etc., while the rest were found suffering from other non-tubercular diseases.

#### Percentage of cases suffering from Pulmonary tuberculosis :—

Year.	No. of patients suffering from Pulmonary tuberculosis.	Total No. of patients.	Percentage of patients suffering from Pulmonary tuberculosis.
1935 ..	70	243	28.8
1936 ..	735	3,645	20.16



## Non-tubercular diseases for which the patients attended the dispensary:—

Names of the diseases.	Number of patients.	Percentage of non-tubercular diseases.
Pharyngitis .. .. .	739	25.78
Asthma .. .. .	607	21.17
Influenza .. .. .	556	19.39
Bronchitis .. .. .	354	12.35
Tonsilitis .. .. .	270	9.42
Pneumonia .. .. .	28	.98
Whooping Cough .. .. .	24	.84
Abscess Lung .. .. .	2	.07
Bronchiectasis .. .. .	1	.03
Other general diseases .. .. .	286	9.97
Total ..	2,867	100.00

Of the 735 patients found to be suffering from Pulmonary Tuberculosis, 34 or 4.62 p.c. were in the first stage, 153 or 20.82 p.c. in the second stage, 540 or 73.47 p.c. in the third stage, whereas only 8 or 1.09% were in the 'arrested' stage of the disease.

The table below shows the incidence of Pulmonary tuberculosis among the patients according to age:—

Age Period.	Number of patients suffering from Pulmonary tuberculosis.	Percentage on the total number of patients suffering from Pulmonary tuberculosis.
1—5 .. .. .	2	.27
6—10 .. .. .	3	.41
11—15 .. .. .	16	2.18
16—20 .. .. .	76	10.34
21—30 .. .. .	291	39.59
31—40 .. .. .	193	26.26
41—50 .. .. .	110	14.96
51—60 and over .. .. .	44	5.99
Total ..	735	100.00



The following table shows the racial incidence of patients suffering from Pulmonary tuberculosis :—

Year.	Europeans and Anglo-Indians.		Burmese.		Chinese.		Mohammedans.		Hindus.		Other Classes.	
	No.	Percentage.	No.	Percentage.	No.	Percentage.	No.	Percentage.	No.	Percentage.	No.	Percentage.
1935 ..	7	10.0	19	27.14	5	7.14	11	15.72	20	28.57	8	11.43
1936 ..	26	3.34	229	31.16	71	9.66	153	20.82	253	34.69	1	.13

Daily average attendance at the dispensary :—

Year.	Daily average attendance.		Total.
	Tubercular.	Non-tubercular.	
1935 .. .. .	21	50	71
1936 .. .. .	40	39	79

Number and percentage of patients of different classes treated at the dispensary :—

Year.	Europeans and Anglo-Indians.		Burmese.		Chinese.		Mohammedans.		Hindus.		Other Classes.	
	No.	Percentage.	No.	Percentage.	No.	Percentage.	No.	Percentage.	No.	Percentage.	No.	Percentage.
1935 ..	20	8.23	52	21.40	13	5.35	42	17.29	94	38.68	22	9.05
1936 ..	223	6.12	663	18.19	177	4.85	937	25.71	1,625	44.58	20	.55

Among the patients who received treatment at the dispensary, the great majority belonged to the Hindu, Mohammedan and Burmese communities.



The communities which freely availed themselves of the dispensary facilities in regard to their women were in order as follows :—

- (1) Hindus.
- (2) Burmese.
- (3) Mohammedans.
- (4) Europeans and Anglo-Indians.
- (5) Chinese.
- (6) Other classes.

#### Home Visiting.

All the patients suffering from Tuberculosis who received treatment at the dispensary were visited in their homes except where the addresses given were found to be incorrect.

Out of the 778 patients that attended the dispensary for treatment, the homes of 365 or 46.91 per cent. only could be visited as 314 or 40.36 per cent. patients had given incorrect addresses, 21 or 2.69 per cent. died before their homes could be visited, 62 or 7.97 per cent. left for districts. 16 or 2.05 per cent. were supported by charitable institutions.

The various grades of the monthly incomes of the 365 persons visited in their homes were as follows :—

<i>Monthly Income in Rupees.</i>	<i>Number.</i>	<i>Percentage to total visited.</i>
10— 34 .. ..	196	53.70
35— 99 .. ..	101	27.67
100—199 .. ..	48	13.15
200—399 .. ..	13	3.56
400 and over .. ..	7	1.92
	365	100.00

A statement showing by class the grades of income of Tuberculosis patients whose homes were visited is attached at the end of the report.

The Tuberculosis Nurse and the Medical Officer of the dispensary paid 1,515 and 1,371 separate home visits respectively during the year under report.

Each patient was visited once a month as a rule, except in the cases of serious and bedridden patients who were visited more than once as considered necessary.

Some of these patients were found to be spitting indiscriminately and they were warned about the dangers of such a habit and advised to spit into covered sputum cups containing some disinfecting solution. Those patients who could not afford to purchase this solution were supplied with it



free of charge from the dispensary, the total quantity thus supplied during the year being 42 pounds of Hycol.

The staff has gained some experience in the Home Visiting work and more attention is now being paid to the examination of the home conditions of the patients, suggesting remedies for their improvement and persuading the contacts to come to the dispensary for examination by the Medical Officer. It is, however, regrettable to note that very few of the contacts as yet show any eagerness to profit by such advice. During the year out of 2,026 contacts only 80 could be persuaded to come to the dispensary for examination and 4 of them were found to be suffering from Tuberculosis. Attempts are, however, being made to impress upon contacts the necessity of early examination.

#### Treatment.

Out of 778 Tuberculosis patients (735 suffering from Tuberculosis of the Lung and 43 from Tuberculosis of other organs) who attended the dispensary during 1936, 353 patients were given symptomatic treatment as Gold Therapy, Artificial Pneumothorax or Ultra-Violet Ray Radiation was considered unsuitable in their cases.

62 patients suffering from advanced Pulmonary tuberculosis were sent to the Rangoon General Hospital as in-patients. Arrangements were also made for 5 patients to get admission into a Sanatorium in India.

The remaining 420 patients were treated on the following lines :—

(A) Treatment by Artificial Pneumothorax .. .. .	109 patients.
(B) Treatment by Salts of Gold—	
(a) By Sanocrysin .. .. .	141
(b) By Solganal B. Oleosum .. .. .	16
	157 .. .. .
(C) Treatment by Calcium Chloride .. .. .	111 .. .. .
(D) Treatment by Ultra-Violet Rays (Non-Pulmonary cases) .. .. .	43 .. .. .

#### Social Standing of the Patients.

The majority of the patients who attended the dispensary belonged to poor labouring classes and only a few to the middle class.

#### Respiratory Diseases (excluding Phthisis).

There were 2,494 deaths from these diseases during the year as compared with 2,410 deaths in the previous year. Of these, 318 deaths were recorded in hospitals and other public institutions.

The death-rate was 6.23 per 1,000 against 6.02 in the previous year, the average for the past 5 years being 5.56.



The highest number of deaths from Respiratory Diseases was reported from Theinbyu East and Tamwe Circles. The Hindu community suffered most, there being 869 (34.84 per cent.) deaths in this community. The number of deaths among the Burmese, the Mohammedans and the Chinese communities was 833 (33.40 per cent.) 349 (13.99 per cent.), and 264 (10.58 per cent.) respectively.

The incidence of mortality was the heaviest among the children within 5 years of age, there being 1,288 deaths at this age period.

The months of June, August and December were marked by a higher rate of mortality.

### Cancer.

Deaths from Cancer numbered 89 in the year under report against 68 in the previous year, the death-rate being 0.22 against 0.17 per 1,000 population.

The various particulars of the deaths caused by Cancer will be found among the tables at the end of the report.

### Kala-Azar.

4 deaths were recorded as due to Kala-Azar during the year as compared with 3 in the previous year. All of them were reported from hospitals. The death-rate was 0.01 against .007 in 1935.

### Medical Relief.

There are altogether 7 Municipal Free Dispensaries situated in different parts of the City. They are (1) Tuberculosis Dispensary at Judah Ezekiel Street, (2) Dispensary for Women and Children at Bagaya Phongyi Road, (3) Merlin Kingsley Memorial Dispensary at Evanson Street, (4) Forest Road Dispensary, (5) Tamwe Dispensary, (6) Dalla Dispensary and (7) Kanaungto Dispensary.

Of the 6 dispensaries (excluding the Tuberculosis Dispensary) the Dispensary for Women and Children, Merlin Kingsley Memorial Dispensary and Tamwe Dispensary were each under the charge of a whole-time Medical Officer of the cadre of a Medical Registrar, during the year under report.



A Medical Registrar held charge of the Forest Road Dispensary in addition to registration and vaccination duties from January till 11th March 1936 when another Medical Registrar was posted to relieve him of the registration and vaccination work.

Dalla and Kanaungto Dispensaries continued throughout the year to be in charge of two Medical Registrars who carried out dispensary work in addition to their registration and vaccination duties.

The following statement shows the number of patients treated at the above mentioned dispensaries during the year under report as compared with that of the previous year :—

Names of Dispensaries.	No. of patients treated.				Total No. of new patients treated.	Total attendance in		Daily average attendance in	
	Adults.			Children.		1936.	1935.	1936.	1935.
	Male.	Female.	Total.						
Dalla Dispensary ..	13,721	2,813	16,534	4,134	20,668	30,613	27,234	84	74
Merlin Kingsley Memorial Dispensary	27,365	11,801	39,166	14,909	54,075	113,564	111,686	310	306
Kanaungto Dispensary	7,325	2,182	9,507	3,175	12,682	30,452	27,901	85	77
Forest Road Dispensary ..	18,259	6,912	25,171	8,901	34,072	82,617	77,384	229	212
Dispensary for Women and Children at Bagaya Phongyi Road ..	..	11,084	11,084	8,084	19,168	41,458	35,453	114	97
Tamwe Dispensary ..	10,506	5,406	15,912	6,008	21,920	64,660	25,999	178	170
Tuberculosis Dispensary ..	2,458	844	3,302	343	3,645	24,405	1,141	79	71
Total ..	79,634	41,042	120,676	45,554	166,230	387,769	306,798	1,079	1,007

### Contagious Diseases Hospital.

1,131 patients were admitted into the hospital during the year of whom 78 were from outside Municipal limits. The total number of patients treated was 1,150 including 19 of the previous year. Of these, 983 were males and 167 females. The number of voluntary admissions was 476 against 834 in the previous year.

The total number of patients treated in the previous year was 2,288 of whom 1,999 were males and 289 females.



The following table gives a summary of works done at the hospital during the year under report :—

Disease.	Patients remaining in hospital on 31st December 1935.	No. of Patients admitted during the year 1936.	Total number treated.	Discharged.	Died.	Case mortality per cent.	Patients remaining in hospital on 31st December 1936.
Plague ..	..	12	12	2	9	75.00	1
Cholera ..	..	15	15	3	12	80.00	..
Small-pox ..	2	90	92	76	11	11.96	5
Chicken-pox ..	8	647	655	643	..	..	12
Measles ..	1	84	85	84	..	..	1
Mumps ..	1	46	47	42	..	..	5
Diphtheria ..	1	14	15	8	6	40.00	1
Erysipelas ..	..	17	17	14	3	17.65	..
Influenza ..	..	..	..	..	..	..	..
Cerebro-Spinal Meningitis ..	..	5	5	2	3	60.00	..
Diarrhoea ..	1	22	23	21	2	8.69	..
Adenitis ..	..	5	5	5	..	..	..
All other diseases ..	5	174	179	152	25	13.97	2
<b>Total ..</b>	<b>19</b>	<b>1,131</b>	<b>1,150</b>	<b>1,052</b>	<b>72</b>	<b>6.17</b>	<b>27</b>

### Observation Hospital.

The number of patients admitted into this hospital during the year was 492, of whom 443 were males and 49 females. There were 720 admissions in 1935.

### Venereal Diseases.

These diseases continued to be treated at the special ward constructed at the cost of the Corporation at the Ram Krishna Mission Hospital. The Corporation increased its grant from Rs. 5,000 to Rs. 8,000 for the maintenance of this ward during the year 1936-37.

The following table shows the number of patients treated :—

	Male.	Female.	Total.
Syphilis .. ..	887	312	1,199
Gonorrhoea .. ..	753	410	1,163
Soft Chancre .. ..	257	11	268
Other diseases of venereal origin ..	812	299	1,111
<b>Total ..</b>	<b>2,709</b>	<b>1,032</b>	<b>3,741</b>



### Medical Examination of Rickshaw-Pullers.

The Rickshaw-pullers continued to be medically examined prior to their being licensed by the Police, by the Medical Officer appointed for the purpose.

The total number of rickshaw-pullers examined during the year was 13,332 of whom 12,776 were found physically fit and the rest unfit for pulling rickshaws.

The corresponding figures for the previous year were 15,921 examined, 15,222 found fit and 699 unfit.

The following statement gives details of the results of examination :—

No. of pullers examined by Medical Officer.			No. found fit.			No. rejected.			No. passed by Hackney Carriage Department.		
Old.	New.	Total.	Old.	New.	Total.	Old.	New.	Total.	Old.	New.	Total.
4,453	8,879	13,332	4,386	8,390	12,776	67	489	556	4,386	7,918	12,304

474 Rickshaw-pullers, all of whom were new, were rejected by the Hackney Carriage Department on account of their ignorance of Traffic rules and regulations, though they were declared physically fit by the Medical Officer.

Among those rejected by the Medical Officer, the following defects were noted :—

Defects.	Old.	New.	Total.
Under Age .. .. .	..	208	208
General Debility .. .. .	41	106	147
Heart Disease .. .. .	20	71	91
Old Age .. .. .	4	13	17
Hydrocele .. .. .	..	18	18
Defective Vision .. .. .	2	38	40
Tuberculosis of Lung .. .. .	..	19	19
Varicose Veins .. .. .	..	9	9
Enlarged Spleen .. .. .	..	7	7
Total .. .. .	67	489	556

### Medical Examination of Municipal School Students.

The Medical Officer for the examination of Rickshaw-pullers carried out as usual the medical examination of the students of Municipal Schools, except the 329 girl students of the Municipal Girls' High Schools at Kemmeline, Kandawglay and Pazundaung, who were examined by the Lady Medical Officers in charge of Maternity and Infant Welfare Centres.



The total number of students examined was 1,780.

The following table shows the diseases most commonly prevailing among the students examined together with the percentage of suffering from each disease. Fuller details of work regarding each school will be found in the table attached at the end.

Total No. of pupils examined Boys and Girls.	Common diseases and their percentage to those examined.										Pupils found with defects.		Pupils cured.	
	Trachoma.		Enlarged Tonsils.		Defective teeth.		Defective vision, eye strain and squint.		Skin Diseases.					
	No.	Per-centage.	No.	Per-centage.	No.	Per-centage.	No.	Per-centage.	No.	Per-centage.	No.	Per-centage.	No.	Per-centage.
1,780	283	15.9	359	20.2	384	21.5	35	1.9	44	2.5	1236	69.4	121	6.8

### Anti-Mosquito Work.

In view of the increasing danger of the spread of Yellow Fever towards Eastern countries on account of acceleration of aerial traffic, the Corporation sanctioned towards the end of the year 1935 the entertainment of 14 temporary Inspectors, 1 Clerk and 22 Coolies for a period of one year to begin with, so that Anti-Mosquito measures may effectively be adopted. This temporary staff which was engaged on the 22nd January was in addition to the 4 permanent Sanitary Inspectors specially trained and employed for Anti-Mosquito work. Before beginning it was found necessary to give a month's training to these Inspectors in the identification of the various species of mosquitoes commonly met with in Rangoon. This training was given by the staff of the Malaria Bureau of the Harcourt Butler Institute of Public Health and I am thankful to the Director of Public Health, Burma, for the assistance given in this matter.

**Plan of Work.**—For the purpose of Anti-Mosquito work the City excluding those portions which are on the other side of the river, has been divided into 18 circles—6 in the town area which is provided with Municipal water supply and underground sewers and 12 in the Suburban area which is without any underground sewers and where the Municipal water supply is extremely limited so that people are forced to store water obtained for their domestic needs either from the roadside hydrants or wells. An Anti-Mosquito Inspector is posted to each circle. Systematic inspections of houses, tenements and other localities in the various circles with a view to detect the breeding places of mosquitoes are carried out and advice given to house-holders regarding suitable methods for the prevention and reduction of the breeding places of mosquitoes. Instructive handbills or leaflets in appropriate languages are also distributed. During the year under report, 42,441 leaflets were distributed.—7,059 in English, 16,971 in Burmese, 1,797 in Hindustani, 2,227 in Urdu, 5,370 in Tamil, 3,405 in Telugu, 2,500 in Chinese, 1,789 in Bengali, 456 in Oriya and 867 in Gujerati.



The services of the coolies who accompany the Inspectors in their morning rounds are utilised in the afternoons for the removal of rank vegetation and discarded tins from the poor localities and trimming the edges of ponds and tanks.

During the course of inspection in the morning, samples of adult mosquitoes and their larvae are collected by the Inspectors for identification in the afternoon in the Laboratory set up in the office for this purpose. 1,092,570 larvae and 798 adults were collected and identified during the year.

In order to have proper record and check over the visits paid by the Inspectors, distinctive cards for houses in the Town and Suburban areas and for the water storage tanks have been introduced.

**Water Storage Tanks.**—As the water storage tanks in the pipe water supply area of the town were found to be responsible for heavy breeding of mosquitoes, active steps are being taken to render the existing tanks mosquito-proof. A new type of mosquito-proof water storage tank has also been designed for installation in those places where new tanks become necessary.

There are about 35,000–40,000 water storage tanks in the City and it will take at least 4–5 years to render them all mosquito-proof. During the year under report 1,134 notices were issued for this purpose and 1,837 tanks were rendered mosquito-proof. Action with regard to the rendering of storage tanks mosquito-proof could begin only in the month of July. Out of the 24,269 tanks inspected during the year, 9,827 tanks or 40.49 per cent, were found breeding mosquitoes.

**Stegomyia Index.**—This index which is expressed as the percentage of the premises in which stegomyia mosquitoes (carrier of Yellow Fever) are found to breed to the total number of premises inspected is being furnished to the Director of Public Health every month beginning from July 1936. The ideal to be aimed at is to keep the index as far as possible between zero and 2.

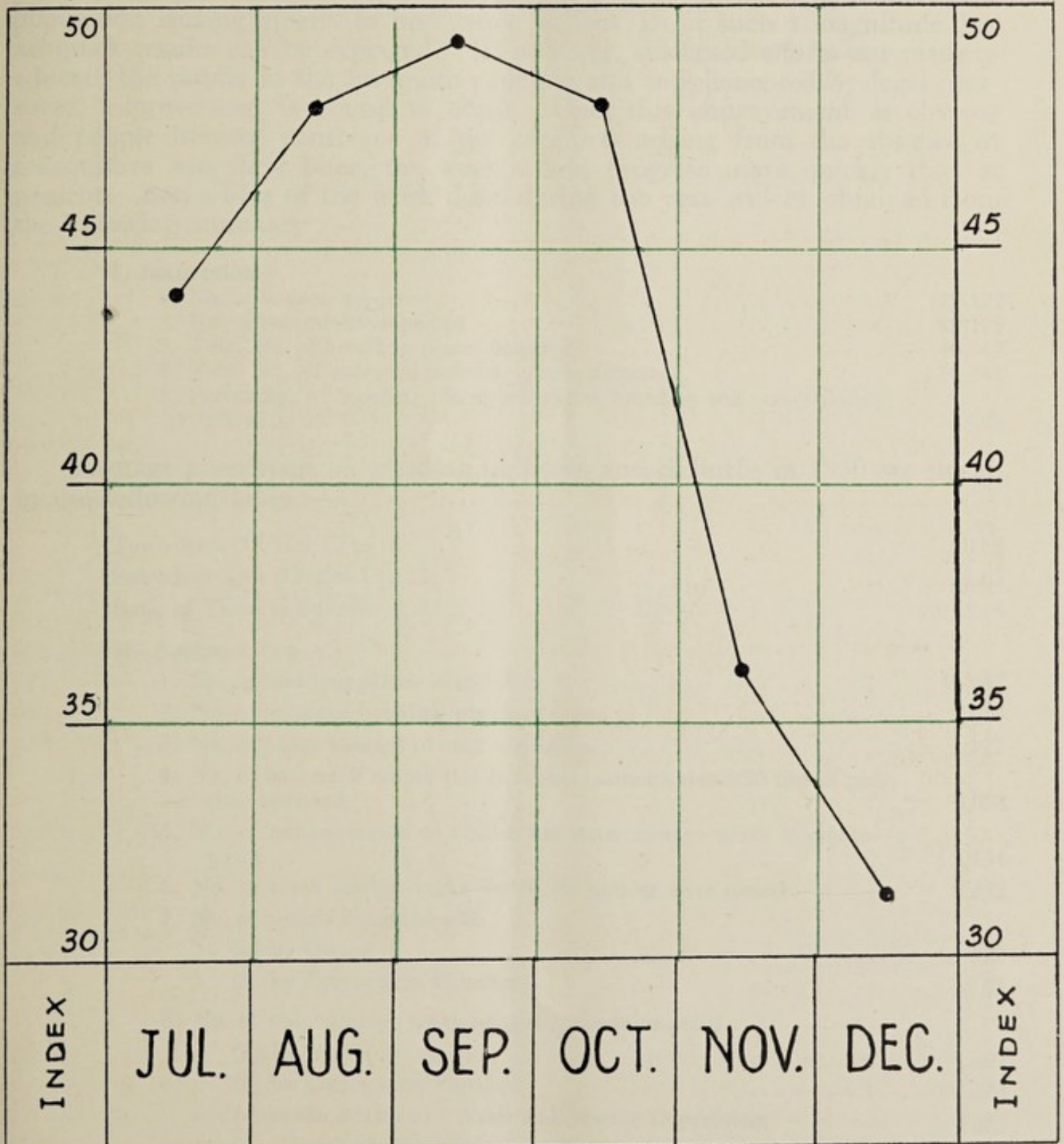
The table below shows the stegomyia indices for the various months in the Town and Suburban areas :—

<i>Month.</i>	<i>Index for Town.</i>	<i>Index for Suburb.</i>	<i>Index for the whole town.</i>
July .. ..	51.48	41.01	44.00
August .. ..	52.77	44.98	48.14
September .. ..	51.47	48.52	49.52
October .. ..	54.46	39.55	44.07
November .. ..	45.71	31.49	35.99
December .. ..	39.42	26.98	31.43

**Work done.**—The details of the works done by the Inspectors during the year under report will be found in the tables appended at the end of the report.

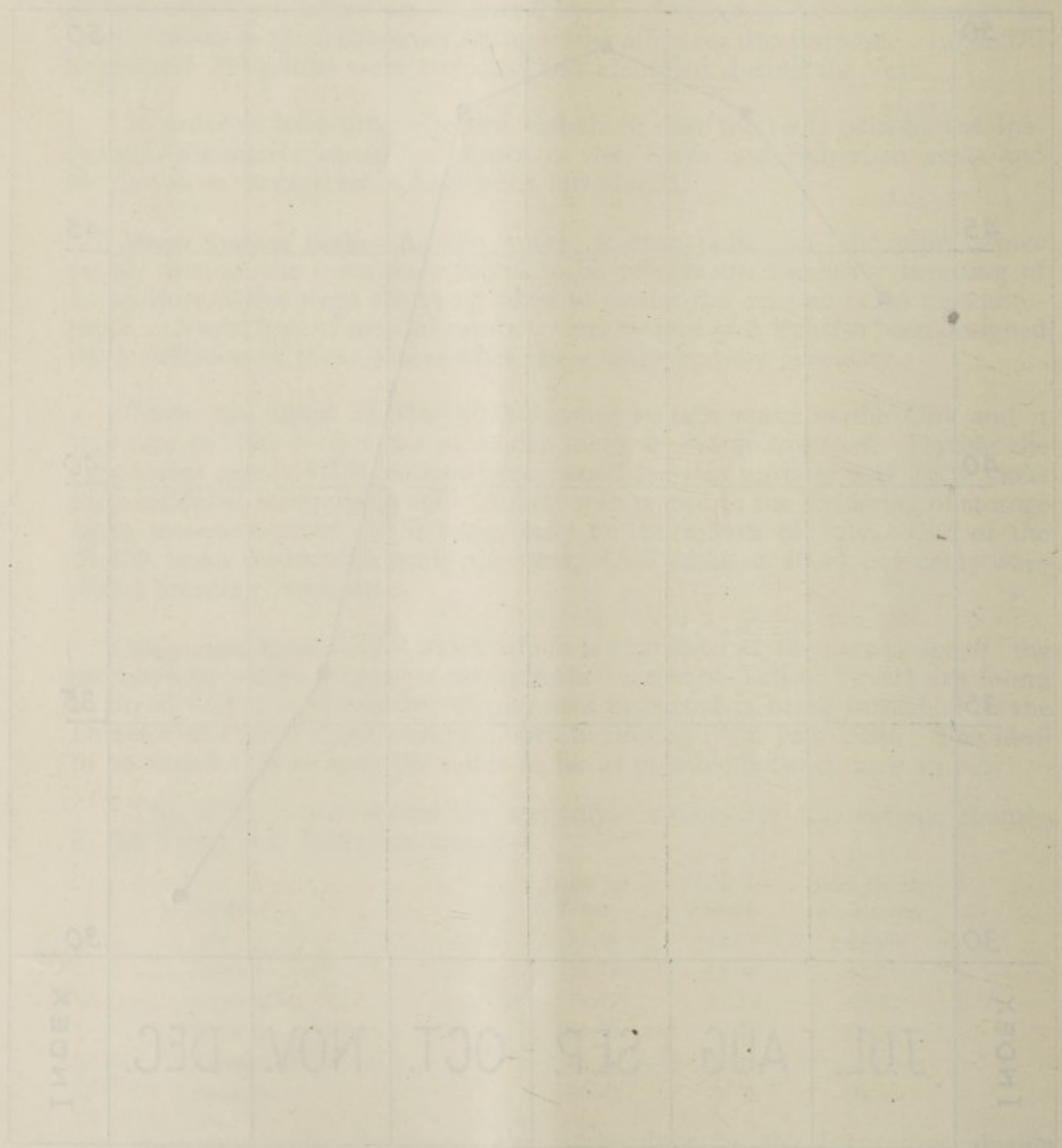


# STEGOMYIA INDEX FOR 1936





STECOMYIA INDEX  
FOR 1926



Most of the time of the Inspectors had to be, in the initial stages, spent in inspection and propaganda work amongst the residents concerned as it was realised that without arousing the public interest in mosquito problem it would be difficult to achieve any success or permanent result. Subsequent inspections have in some cases shown improvement in the reduction of breeding places ; but the problem when dealing with a large illiterate population or a population lacking greatly in preventive outlook, is of such a magnitude that no quick results can be expected. If, however, sustained efforts are made to educate the public in the mosquito problem and supplemented by legal measures, improvement is bound to occur. Once this improvement is obvious and people become conscious of the comforts arising from the absence of mosquitoes and their bites, the work would progress more quickly than at present. Some idea of the work done during the year will be obtained from the following summary :—

### I. Inspection—

1. No. of houses inspected	..	..	..	..	22,127
2. No. of tenements inspected	..	..	..	..	49,178
3. Total No. of breeding places detected	..	..	..	..	46,047
4. Total No. of potential breeding places detected	..	..	..	..	3,03,342
5. Percentage of breeding places to total of breeding and non-breeding places	..	..	..	..	13.18

Average percentage of breeding in Town and Suburbs in 1936 are shown in the following table :—

Town Area (Circles 13 to 16)	..	..	..	..	20.68
Suburban Area (Circles 1 to 12)	..	..	..	..	11.67
Ratio of Town to Suburb	..	..	..	..	10: 5.64

### II. Action taken—

1. No. of breeding places attended to	..	..	..	..	46,047
2. No. of potential breeding places attended to	..	..	..	..	2,045
3. No. of places cleaned of rank vegetation	..	..	..	..	127
4. No. of baskets of empty tins (a basket contains about 20 tins of pint size) removed	..	..	..	..	3,053
5. No. of notices issued to render the water storage tanks mosquito-proof	..	..	..	..	1,134
6. No. of water storage tanks for which notices were issued	..	..	..	..	3,232
7. No. of notices complied with	..	..	..	..	
(a) by Owner	..	..	..	..	527
(b) by Corporation Plumber	..	..	..	..	55
8. No. of water storage tanks rendered mosquito-proof	..	..	..	..	
(a) by Owner	..	..	..	..	1,497
(b) by Corporation Plumber	..	..	..	..	123
(c) at the instance of Water and Sewage Department	..	..	..	..	217

Total No. of mosquito-proof tanks installed during the year .. .. . 1,837



The statement below gives the various species of mosquitoes commonly met with, arranged in order of frequency :—

(1) <i>Aedes aegypti</i>	..	..	..	..	76.70
(2) <i>Culex fatigans</i>	..	..	..	..	17.00
(3) <i>Aedes albopictus</i>	..	..	..	..	3.07
(4) <i>Armigeres obturbans</i>	..	..	..	..	0.58
(5) <i>Culex brevipalpis</i>	..	..	..	..	0.49
(6) <i>Anopheles vagus</i>	..	..	..	..	0.47
(7) <i>Culex tritaeniorhynchus</i>	..	..	..	..	0.45
(8) <i>Megarhinus splendens</i>	..	..	..	..	0.12
(9) <i>Lutzia fuscana</i>	..	..	..	..	0.05
(10) <i>Culex mimeticus</i>	..	..	..	..	0.033
(11) <i>Aedes deccana</i>	..	..	..	..	0.025
(12) <i>Culex mimulus</i>	..	..	..	..	0.024
(13) <i>Aedes caecus</i>	..	..	..	..	0.012
(14) <i>Culex bitaeniorhynchus</i>	..	..	..	..	0.007

***Aedes aegypti*** (76.70 per cent.)—Out of the total number of breeding places of *Aedes aegypti*, 28.03 per cent. were accounted for by ant-preventive vessels, 20.26 per cent. by tubs and barrels, 23.56 per cent. by water storage tanks, 9.17 per cent. by Pegu jars, 6.02 per cent. by water chatties, 5.96 per cent. by flower vases, and the remaining 7 per cent. by discarded tins, drains, masonry tanks, etc.

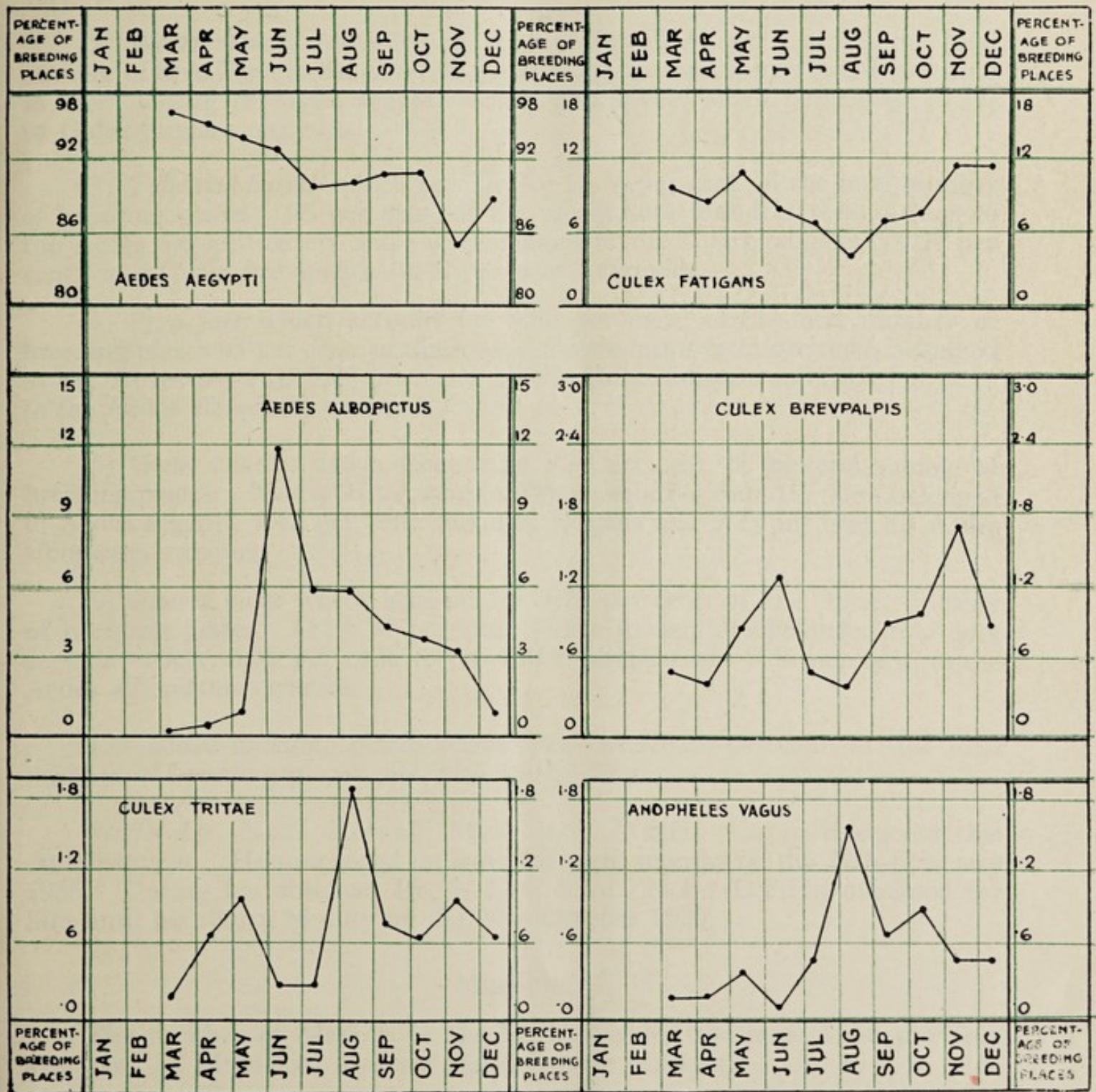
***Culex fatigans*** (17.00 per cent.)—The most important breeding places of *Culex fatigans* were tubs and barrels (25.20 per cent.) ant-preventive vessels (20.09 per cent.), discarded tins (11.33 per cent.), drains (8.69 per cent.), pools, pits and sumps (7.94 per cent.), Pegu jars (6.29 per cent.), and water chatties (5.77 per cent.) Wells and ponds, flower vases, masonry tanks, water storage tanks and gully-traps, etc., were responsible for the remaining 4.69 per cent. of the breeding places.

***Aedes albopictus*** (3.07 per cent.)—The favourite breeding places of this mosquito were discarded tins (29.46 per cent.), ant-preventive vessels (28.47 per cent.), tree hollows (16.21 per cent.), tubs and barrels (12.32 per cent.), water chatties (5.70 per cent.), egg jars, pools and pits, water storage tanks, flower vases, etc., accounted for the remaining 7.84 per cent. of the breeding places.

The above three species of mosquitoes formed 96.77 per cent. of the various kinds of mosquitoes met with in Rangoon. *Anopheles vagus* a species of *Anopheles* mosquitoes found in Rangoon, forms a small part (0.47 per cent.) of the mosquito population of the City. It is not a malaria carrier and was found mostly in pools and pits (49.33 per cent.), wells and ponds (30.27 per cent.) and drains (7.47 per cent.).

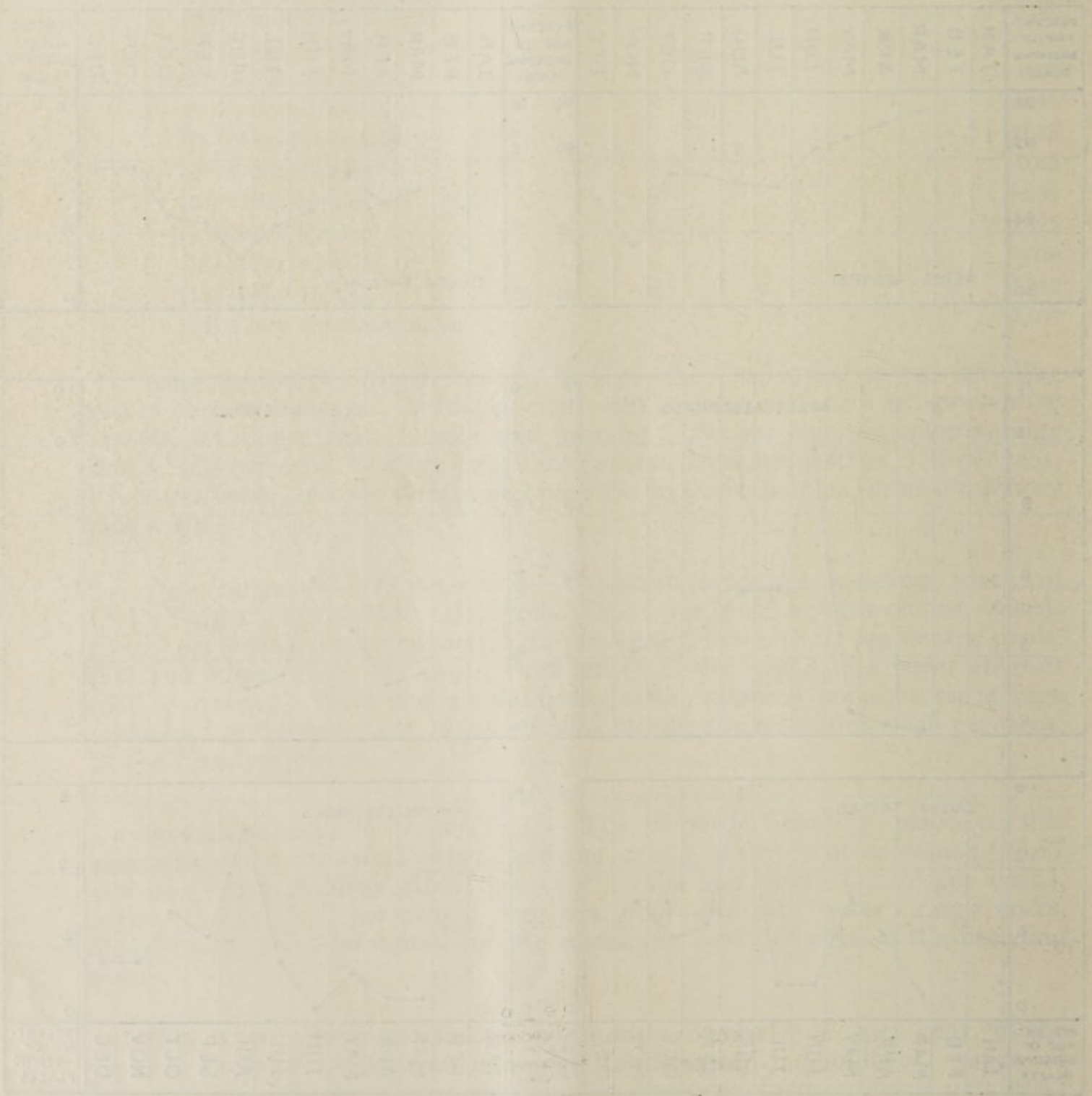


## RELATIVE PREVALENCE OF COMMON SPECIES OF MOSQUITOES MONTH BY MONTH FOR 1936.





RELATIVE PREVALENCE OF  
COMMON SPECIES OF MOSQUITOES  
MONTH BY MONTH FOR 1925



The most important breeding places from the point of view of control are:—

(1) *Ant-prevention vessels* which account for 25.78 per cent. of the total number of breeding places. Over 98 per cent. of the mosquitoes found in them belong to the *Aedes aegypti* variety and 7 per cent. to the *Culex fatigans* variety.

(2) *Water storage tanks* which account for 21.34 per cent. of the total number of breeding places. Over 99 per cent. of the mosquitoes found breeding in them belong to *Aedes aegypti* variety and a very small percentage (0.28) to *Culex fatigans* varieties.

(3) *Tubs and barrels* which account for 19.36 per cent. of the total number of breeding places. 95 per cent. of the mosquitoes found in these belong to the *Aedes aegypti* variety and the remaining to the *Culex fatigans* (11.20 per cent.) and *Culex brevipalpis* (0.98 per cent.) varieties.

(4) *Pegu jars* which account for 8.86 per cent. of the total number of breeding places 93 per cent. of the mosquitoes found breeding in them belonged to the *Aedes aegypti*, 5.89 per cent. to the *Culex fatigans* and 5.17 per cent. to the *Aedes albopictus* varieties.

(5) *Water chatties* which account for 5.78 per cent. of the total number of breeding places. Nearly 91 per cent. of the mosquitoes found in them belonged to *Aedes aegypti*, 1.42 per cent. to *Culex fatigans* and 3.23 per cent. to *Aedes albopictus* varieties.

(6) *Flower vases* which account for 5.70 per cent. of the total number of breeding places. Over 94 per cent. of the mosquitoes belonged to *Aedes aegypti* variety, 3.51 per cent. to the *Culex fatigans* and 0.56 per cent. to the *Aedes albopictus* varieties.

The above breeding places account for nearly 86 per cent. of the total number of breeding places met with in the City.

*Staff.*—Dr. N. S. Kotwall, M.B., B.S., D.P.H., was in charge of this establishment. He proceeded on leave for eight months on the 24th February 1936. During his absence, Dr. J. Das, B.Sc., M.B., D.P.H., officiated for him until his return to duty on the 20th October 1936.

### Markets.

The number of Markets in the City remained the same as in previous year *viz.*, 13 Municipal Markets and 8 Private Markets.

They were regularly inspected by the Assistant Health Officers and the Sanitary Inspectors and such steps as appeared necessary were taken for remedying the defects found and bringing about the desired improvements.



### **Municipal Laboratory.**

3,448 samples of food, drink and other articles including 2,737 samples of urine were chemically examined at the Corporation Laboratory as against 1,872 samples in 1935.

42,540 specimens were bacteriologically examined inclusive of 36,594 rats as compared with 40,403 specimens examined in 1935.

### **Food Inspection.**

2 Sanitary Inspectors were placed on food inspection duty in the central part of the city. In other parts of the city and its suburbs, each circle Sanitary Inspector carried out the food inspection work in his circle as a part of his duties.

Eating houses, Hotels, Tea-stalls and other places where any articles of food or drink are prepared and sold were inspected.

379 samples of foodstuff were collected during the year under report and sent to the Corporation Laboratory for examination. Of these samples, 244 were of milk, 8 of butter, 2 of ghee, 73 of condensed milk, 20 of aerated water and the rest of other food-stuff.

11,048 inspections of public eating-houses, tea-shops, etc., were made by the Inspectors during the year and 1,464 licenses were issued.

The number of cases sent up for prosecution for contravention of food bye-laws was 332.

A list of unwholesome foodstuffs destroyed is appended to this report.

### **Jerked Market.**

The Port Authorities continued to report to this department the arrival of every consignment of jerked meat. On their reports, 9,407 bundles of jerked meat weighing about 8,492 tons were inspected and passed during the year.

### **Milk Supply.**

The state of milk supply continued to be unsatisfactory, as before.

In accordance with the decision of the Corporation in December 1935, Mr. H. S. A. Shakoore, a Senior Sanitary Inspector was put on special duty for the collection of reliable data relating to the milk supply of Rangoon, so that definite proposals for the improvement of the supply could be put forward. The Inspector completed the required inquiry during the year. The Health Officer's report on the milk supply and his proposals for its improvement were submitted in October and are awaiting the consideration of the Corporation.



### Ghee Samples.

89 samples of ghee were taken during the year under the Burma Ghee Adulteration Act and sent up for examination to the Chemical Examiner to the Government of Burma.

Of these, 79 samples were reported to be genuine, 6 slightly adulterated and 2 adulterated. The remaining 2 samples though reported to be free from adulteration were found to be very rancid and therefore the parties were allowed to re-ship the consignments from which the samples were taken.

Of the 6 samples reported to be slightly adulterated, the parties were let off with a warning in 4 cases, 2 cases were sent up for prosecution but the accused were acquitted by the Court.

With regard to the 2 samples reported to be adulterated, the parties were prosecuted and they were convicted and fined by the Court, the total amount of fines imposed being Rs. 65.

### Registered Buildings.

There were 2,779 registered buildings at the beginning of the year under report. The number increased to 2,824 at the end of the year. Of these, 2,507 were lodging houses and 317 Mill cooly barracks. They contained the maximum permissible living accommodation for 1,36,806 persons.

The number of Sanitary Inspectors on registered building duty was 6. They made 2,918 inspections during the year. The number of houses inspected more than once was 889 and the number of individual rooms found overcrowded was 2,341.

2,168 cases were sent up for prosecution on account of overcrowding. The number of registered building prosecution cases tried during the year was 2,399, the amount of fines imposed being Rs. 13,693.

### Wash House.

The total number of tanks at the Wash house continued to be the same as in previous year *viz.* 564. Of these, 36 are covered tanks.

About 700 dhobies attended the Wash house daily.

The Wash house collections amounted to Rs. 15,473-13-0 against Rs. Rs. 15,610-0-0 in the previous year.

### Ambulance Cars.

The following table gives the number of cases removed and the number of trips made by the three Ambulance Cars during the year under report.

	No. of cases.	No. of trips.
Observation cases.	.. 442	193
Infectious cases ..	.. 1,012	850



### **Burial Grounds.**

10,917 dead bodies were disposed of in the burial grounds within the municipal limits during the year under report.

Of these, 101 dead bodies were brought for burial from outside. The number of dead bodies that were permitted to be removed for burial outside was 80.

All the burial grounds were regularly inspected and the burial passes collected and checked.

### **Cleansing Department.**

The Conservancy and the Motor Transport departments continued to be under the charge of the Health Officer.

### **Personnel of the Health Department.**

Dr. B. P. Srivastava, M.B., B.S., (Bom.), D.P.H. (Eng.) was in charge of the Department as Health Officer throughout the year.

Dr. N. S. Kotwall, M.B., B.S., (Bom.), D.P.H. (Eng.), Assistant Health Officer in charge of Anti-Mosquito Work, was on leave from 24th February to 19th October 1936 and Dr. J. Das, B.Sc., M.B., D.P.H., (Cal.), Assistant Analyst, acted in his place.

Dr. K. P. Pillai, M.B., B.S., (Bom.), D.P.H., (Eng.), Dr. Ba Kin, B.A., (Cal.), M.B., Ch.B., D.P.H., (Edin.), Dr. Tun Min, M.B., B.S., (Rangoon), D.P.H., (Cal.) and Dr. Y. M. Khan, M.B., B.S., (Bom.), D.T.M. & H., D.P.H., D.O.M.S. (Eng.), Assistant Health Officers, were on duty throughout the year.

Mr. D. M. Gangolli, B.A., M.Sc., (Bom.), F.I.C. (Eng.) continued to be the Municipal Analyst in charge of the Laboratory till he proceeded on leave on the 23rd December 1936 when Dr. J. Das, B.Sc., M.B., D.P.H., (Cal.), Assistant Analyst, took over charge from him.

The whole staff of the department deserves thanks for the satisfactory manner in which work was carried out throughout the year.

B. P. SRIVASTAVA,  
M.B., B.S., D.P.H.  
*Health Officer,*  
*Corporation of Rangoon.*

*Health Department.* }  
*The 10th June 1937.* }



# VACCINATION REPORT

OF THE

## CITY OF RANGOON

FOR THE YEAR 1936-37.

The total number of vaccinations performed during the year 1936-37 was 2,15,343. This includes 1,44,871 vaccinations performed among passengers on the arrival of steamers from other ports, by the Corporation Vaccinators under supervision of the Port Health Authorities and 1,885 vaccinations performed by the Private Medical Practitioners.

The table below gives the comparative figures for three years :—

Year.	Vaccinations performed in the City by Corporation staff.		Vaccination by Private Medical Practitioners.		Ship Vaccinations.	Total.
	Primary.	Revaccinations.	Primary.	Revaccinations.		
1936-37 ..	10,440	58,147	173	1,712	1,44,871	2,15,343
1935-36 ..	10,438	54,873	197	1,035	1,61,062	2,27,605
1934-35 ..	11,613	1,07,440	221	4,881	1,51,715	2,75,870

The number of successful vaccinations performed was 16,731 as compared with 10,397 and 25,805 in the years 1935-36 and 1934-35 respectively. 9,637 children under the age of six years were successfully vaccinated showing an increase of 2,283 and a decrease of 506 as compared with the figures of 1935-36 and 1934-35 respectively.

5,174 vaccinations were performed in the Rangoon Central Jail by the Jail Staff.

### Staff.

The number of permanent vaccinators employed by the Corporation during the year was 21 excluding 5 Nurse-Midwives whose services were occasionally utilised for vaccinating women and children.



The work of the Vaccination Staff was as usual supervised by the Assistant Health Officers and Medical Registrars.

The four Vaccinators employed for vaccination of in-coming passengers from other Ports continued to work at the Port Health Station under the supervision of the Port Health Officer.

The cost per head of vaccination performed in the City during the year was Rs. 0-3-1 and that of each successful vaccination was Rs. 1-15-1 as compared with Rs. 0-3-4 and Rs. 3-7-0 respectively in the year 1935-36, details of which are given below :—

Year.	Primary vaccinations in the City.	Re-vaccinations in the City.	Ship vaccinations.	Total successful cases (Munl. and Private Medical Practitioners).	Total vaccinations.
1936-37 ..	10,440	58,147	1,44,871	16,731	2,15,343
1935-36 ..	10,438	54,873	1,61,062	10,397	2,27,605

Year.	Total expenditure including salaries of Vaccinators.	Average cost per successful vaccination.	Average cost per vaccination.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1936-37 ..	41,646 4 6	1 15 1	0 3 1
1935-36 ..	46,882 1 0	3 7 0	0 3 4

The average cost of each successful vaccination performed by the special staff in the City was Rs. 1-15-8 and that of each vaccination operation was Rs. 0-7-8.

### Lymph.

12,495 doses of vaccine lymph were brought forward from last year and 243,987 doses were obtained from Meiktila during the year of which 75,789 doses were supplied to the Corporation Vaccinators, 163,071 doses for use at the Port Health Station and 4,701 to Private Medical Practitioners, 1,528 doses were sold and 168 doses were destroyed leaving a balance of 11,225 doses at the end of the year.



### Prosecutions.

5 cases were sent up for prosecution for failure to report Small-pox cases in time. In 2 cases, the parties were convicted, 1 case was struck off as the party could not be found and 2 cases were still pending in Court at the close of the year.

66 notices served on parents or guardians under Section 17 of the Vaccination Act of 1880 to get their children vaccinated were not complied with and all these cases were reported to the Sixth Additional Magistrate under Section 18 of the Act. 39 cases were dropped as the children were vaccinated, 8 cases were struck off owing to their having left the place and 19 cases remained pending at the close of the year.

### School and Mill Vaccinations.

During the year 235 schools were inspected and out of 36,259 children inspected, 13,534 were vaccinated. 81 mills were inspected and out of 10,183 mill-hands inspected, 7,871 were vaccinated.

### Small-pox.

The total number of Small-pox cases recorded during the year was 83 with 17 deaths as compared with 247 attacks and 86 deaths in 1935-36 and 470 attacks and 114 deaths in 1934-35.

HEALTH DEPARTMENT : }  
The 10th June 1937. }

B. P. SRIVASTAVA,  
M.B. B.S., D.P.H.,  
*Health Officer,*  
*Corporation of Rangoon.*



# ANNUAL REPORT

## ON THE WORKING OF THE CONTAGIOUS DISEASES HOSPITAL RANGOON

*For the year ending the 31st December 1936.*

---

Population of Rangoon . . . . . 400,415.

### **I. Class of Hospital and Date of Opening.**

This hospital was transferred to the Municipal Corporation of Rangoon on the 1st October 1920 and would thus be placed under the Classification—Class III—Local Fund.

### **II. Hospital Buildings.**

Office building and Nurses' Duty room, the construction of which was started during the previous year were completed at a cost of Rs. 4,229.

Seventeen water closets and bathrooms, the construction of which was started during the previous year, were completed during the year under report at a cost of Rs. 20,774.

*Water connections.*—A large overhead steel tank of 10,000 gallon capacity has been erected during the year at a cost of Rs. 3,941. This supplies water to all the Wards, baths, W.Cs., and kitchen.

*Sewage connections.*—All the W.Cs. and bathrooms in the hospital were connected to the Municipal sewer during the year, at a cost of Rs. 5,031.

### **III. Hospital Equipment.**

There is nothing particular to state regarding the Surgical and General equipment of this hospital. Everything necessary for its proper maintenance has been provided.

**IV. Hospital staff.**

I was in charge of the hospital throughout the year. The subordinate Medical staff of the hospital consists of one Assistant Surgeon and three Sub-Assistant Surgeons.

The permanent staff of the hospital is as follows :—

1 Medical Officer	6 Female Attendants
1 Assistant Surgeon	16 Sweepers—Male
3 Sub-Assistant Surgeons	6 Sweepers—Female
1 Sister-in-charge	2 Cooks
7 Nurses.	2 Dhobies
1 Clerk-Steward	2 Office Peons
2 Compounders	2 Gate-Durwans
2 Head Wardboys	1 Waterman-Lampman
14 Wardboys	1 Mali

The following temporary staff was entertained during the months of March and April :—

1 Cook.

1 Dhoby.

**V. Hospital Management and Finance.**

Since the transfer of the hospital to the control of the Corporation, all the charges for the proper upkeep of the hospital are being borne by the Corporation, the Local Government contributing Rs. 40,000 every year towards the maintenance of this as well as the Municipal Observation Hospital.

The following table gives the number of patients admitted in the hospital from within Municipal limits as compared with those from outside the Municipal area.

Within Municipal limits.	Outside Municipal limits.	Total.
1,058	78	1,131



## VI. Hospital Patients—General Statistics.

Table No. I.

Diseases.	Patients remaining in hospital on 31st December 1935.	No. of patients admitted during the year 1936.	Total No. treated.	Discharged.	Died.	Case mortality rate per cent.	Patients remaining in hospital on 31st December 1936.
Plague .. ..	..	12	12	2	9	75.00	1
Cholera .. ..	..	15	15	3	12	80.00	..
Small-pox .. ..	2	90	92	76	11	11.96	5
Chicken-pox .. ..	8	647	655	643	..	..	12
Measles .. ..	1	84	85	84	..	..	1
Mumps .. ..	1	46	47	42	..	..	5
Diphtheria .. ..	1	14	15	8	6	40.00	1
Erysipelas .. ..	..	17	17	14	3	17.65	..
Influenza .. ..	..	..	..	..	..	..	..
Cerebro-Spinal Meningitis, .. ..	..	5	5	2	3	60.00	..
Diarrhoea .. ..	1	22	23	21	2	8.69	..
Adenitis .. ..	..	5	5	5	..	..	..
All other Diseases .. ..	5	174	179	152	25	13.97	2
Total .. ..	19	1,131	1,150	1,052	71	6.17	27

Table No. II. (a)

1935.			1936.		
Male.	Female.	Total.	Male.	Female.	Total.
1,999	289	2,288	983	167	1,150

Table No. III.

Voluntary admissions.		Those sent by the Health Department, Port Trust Authorities, Rangoon General Hospital, Sri Rama Krishna Hospital, the Dufferin Hospital, etc.	
1935.	1936.	1935.	1936.
834	476	1,454	674

- (b) The total number of cases treated during the year under report was 1,150 (2,288) of which 983 (1,999) were males and 167 (289) females.

The total number of voluntary admissions was 476 (834).

The following table gives the percentage of voluntary admissions to the total number treated during the year as compared with the preceding year.

**Table No. IV.**

1935.	1936.
36.45	41.39

- (c) The daily average attendance as compared with the previous year was as follows :—

**Table No. V.**

1935.	1936.
97	43

The largest number of patients treated on any one day during the year was as follows :—

**Table No. VI.**

1935.	1936.
453	162

The respective dates on which this happened were the 15th March 1935 and the 18th March 1936.



(d) The following table gives the total number of deaths and death-rate per cent.

**Table No. VII.**

1935.		1936.	
200	8.74%	71	6.17%

The total number of deaths during the year under report was 71 (200) giving a death-rate of 6.17 (8.74) per cent.

The general death-rate in an infectious diseases hospital is liable to great fluctuations according to the epidemic prevalence of one or more diseases. In this way only we can account for the difference in the death-rate per cent.

The total number of beds available in the hospital for males and females is as follows :—

<i>Males.</i>	<i>Females.</i>	<i>Total.</i>
243	45	288

The following table gives the percentage proportion of the different races treated :—

**Table No. VIII.**

Year.	Europeans and Anglo-Indians.	Burmese.	Mohammedans.	Hindus.	Other Classes.
1935 ..	5.77	9.66	14.73	68.05	1.79
1936 ..	5.83	7.56	17.22	67.56	1.83

The largest number of admissions have been from the Hindus and Mohammedans. Of the total number of cases treated, there were 67 Europeans and Anglo-Indians, 87 Burmese, 198 Mohammedans, 777 Hindus and 21 Other Classes, giving a percentage proportion as shown in Table No. VIII.

**VII. Prevailing Diseases.****Table No. IX.**

Diseases.	1935.	1936.
Plague .. ..	16	12
Cholera .. ..	70	15
Small-pox .. ..	439	92
Chicken-pox .. ..	1,102	655
Measles .. ..	212	85
Mumps .. ..	127	47
Diphtheria .. ..	13	15
Erysipelas .. ..	31	17
Influenza .. ..	..	..
Cerebro-Spinal Meningitis ..	5	5

The following table gives the total number of cases of different diseases treated during the year under report with the total number of deaths and the case mortality rate per cent. of the respective diseases as compared with the previous year.

**Table No. X.**

Diseases.	1935.			1936.		
	Total number treated.	Number of deaths.	Case mortality per cent.	Total number treated.	Number of deaths.	Case mortality per cent.
Plague .. ..	16	13	81.25	12	9	75.00
Cholera .. ..	70	45	64.29	15	12	80.00
Small-pox .. ..	439	92	20.96	92	11	11.96
Chicken-pox .. ..	1,102	..	..	655	..	..
Measles .. ..	212	1	00.47	85	..	..
Mumps .. ..	127	..	..	47	..	..
Diphtheria .. ..	13	5	38.46	15	6	40.00
Erysipelas .. ..	31	5	16.13	17	3	17.65
Influenza .. ..	..	..	..	..	..	..
Cerebro-Spinal Meningitis ..	5	4	80.00	5	3	60.00
Diarrhoea .. ..	23	4	17.39	23	2	8.69
Adenitis .. ..	15	..	..	5	..	..
All other diseases .. ..	199	31	13.19	179	25	13.97



The 25 fatal cases recorded under all other diseases were due to the following causes :—

Pneumonia 2, Pyrexia of uncertain origin 3, General Debility 1, Broncho-Pneumonia 1, Asthma 1, Enteritis 2, Colitis 1, Gastro-Enteritis 14.

### Plague.

12 cases of Plague were treated during the year under report. All were males. There were 2 recoveries and 9 deaths, giving a case mortality rate of 75.81.25) per cent. 1 case was remaining at the end of the year.

The following table gives the duration of illness on the day of admission into the hospital :—

Table No. XI.

Total No. treated.	On 1st day.	On 2nd day.	On 3rd day.	On 4th day.	More than four days.	Duration unknown.
12	1	3	5	..	3	..

The following table gives a list of Plague cases that proved fatal within six hours, twelve hours and twenty-four hours of their admission into the hospital.

Table No. XII.

Total No. of deaths.	No. of deaths within 6 hours of admission.	No. of deaths within 12 hours of admission.	No. of deaths within 24 hours of admission.	Grand Total No. of deaths within 24 hours of admission.
9	..	..	1	1

The following table gives the variety of the disease with the total number of admissions, deaths and the case mortality rate under their respective heads :—

Table No. XIII.

Varieties.	Total No. treated.	No. recovered.	No. died.	Case mortality rate per cent.
Bubonic ..	12	2	9	75.00
Pneumonic ..	..	..	..	..
Septicaemic ..	..	..	..	..
Cutaneous ..	..	..	..	..

Table No. XIV.

Month.	Number admitted.	Number cured.	Number died.	Case mortality rate per cent.
Remaining from preious year ..	..	..	..	..
January ..	..	..	..	..
February ..	1	1	..	..
March ..	..	..	..	..
April ..	..	..	..	..
May ..	2	..	2	100.00
June ..	3	1	2	66.66
July ..	4	..	4	100.00
August ..	1	..	1	100.00
September ..	..	..	..	..
October ..	..	..	..	..
November ..	..	..	..	..
December ..	1	..	..	..
<b>Total ..</b>	<b>12</b>	<b>2</b>	<b>9</b>	<b>75.00</b>

**Cholera.**

15 cases of Cholera were treated during the year of which 3 recovered and 12 died giving a case mortality rate of 80.00 per cent.

The following table gives the number of cases admitted month by month during the year under report with their respective number of recoveries, deaths and the case mortality per cent.

Table No. XV.

Month.	Number admitted.	Number cured.	Number died.	Case mortality rate per cent.
Remaining from previous year ..	..	..	..	..
January ..	..	..	..	..
February ..	..	..	..	..
March ..	..	..	..	..
April ..	4	2	2	50.00
May ..	..	..	..	..
June ..	2	1	1	50.00
July ..	2	..	2	100.00
August ..	1	..	1	100.00
September ..	..	..	..	..
October ..	3	..	3	100.00
November ..	2	..	2	100.00
December ..	1	..	1	100.00
<b>Total ..</b>	<b>15</b>	<b>3</b>	<b>12</b>	<b>80.00</b>



**Small-pox.**

92 cases of Small-pox were treated during the year of which 66 were males and 26 females. Out of 92 cases treated, 75 recovered, 11 died (and 5 were remaining at the end of the year) giving a case mortality rate of 11.96 per cent.

The following table gives the total number of attacks and deaths in the males and females of the various communities :—

**Table No. XVI.**

	Europeans and Anglo-Indians.		Burmese.		Mohammedans.		Hindus.		Other Classes.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Attacks .. ..	..	..	13	12	18	4	35	10	..	..
Deaths .. ..	..	..	1	5	2	..	1	2	..	..

The following table gives the seasonal variation of Small-pox during the year as compared with the previous year :—

**Table No. XVII.**

Month.	1935.	1936.
Remaining from previous year ..	1	2
January .. ..	28	9
February .. ..	34	8
March .. ..	165	19
April .. ..	74	15
May .. ..	43	3
June .. ..	17	7
July .. ..	13	2
August .. ..	5	3
September .. ..	2	1
October .. ..	1	8
November .. ..	1	11
December .. ..	5	4
Total .. ..	439	92

## Vaccinal condition of Small-pox during the year.

(a) Total number of protected cases was 50. The following table gives a statement of the protected cases:—

Table No. XVIII.

Number protected by vaccination.	Number vaccinated and had previous attack of Small-pox.	Number unvaccinated but had previous attack of Small-pox.	Number inoculated.	Total number protected.
50	..	..	..	50

(b) The total number of unprotected cases was 42.

(c) Statement of adults and children protected and unprotected.

Table No. XIX.

Protected.		Unprotected.	
Adults.	Children.	Adults.	Children.
50	..	24	18

(d) Statement of attacks amongst the unprotected.

Table No. XX.

Variety.	1935.			1936.		
	Number of cases.	Number of deaths.	Case mortality rate.	Number of cases.	Number of deaths.	Case mortality rate.
Modified ..	..	..	..	2	..	..
Discrete ..	29	..	..	5	..	..
Confluent ..	150	58	38.66%	35	8	22.86%
Haemorrhagic ..	4	4	100.00%	..	..	..
<b>Total ..</b>	<b>183</b>	<b>62</b>	<b>33.88%</b>	<b>42</b>	<b>8</b>	<b>19.05%</b>



## (e) Statement of attacks amongst the protected.

Table No. XXI.

Variety.	1935.			1936.		
	Number of cases.	Number of deaths.	Case mortality rate.	Number of cases.	Number of deaths.	Case mortality rate.
Modified ..	40	..	..	14	..	..
Discrete ..	107	..	..	18	..	..
Confluent ..	107	28	26.17%	17	2	11.76%
Haemorrhagic ..	2	2	100.00%	1	1	100.00%
Total ..	256	30	10.47%	50	3	6.00%

The following table gives the total number of admissions, recoveries and deaths with case mortality rate of all the cases of Small-pox treated during the year :

Table No. XXII.

Total No. treated.	Recovered.	Died.	Case mortality rate per cent.	Remaining at the end of the year.
92	76	11	11.96	5

From the various tables given above, it will be seen that out of a total of 92 cases of Small-pox treated in the hospital during the year, 50 were found to be protected and 42 unprotected.

Of the 50 protected, 14 had an attack of the Modified type, 18 Discrete, 17 Confluent and 1 Haemorrhagic. 2 of the Confluent and the Haemorrhagic types died.

Of the 42 unprotected cases which included 18 children, 2 had an attack of the Modified type, 5 Discrete and 35 Confluent. 8 of the Confluent type died.

Of the unprotected children, 1 had Modified, 2 Discrete and 15 Confluent type of the disease—2 of the Confluent type died.

The ages of the unprotected children were as follows :—

Age.	0—12 months.	1—5 years.	5—10 years.	Total.
No. of children ..	3	9	6	18

Of the 3 fatal cases in the protected group, the following vaccinal conditions were noted :—

Character of vaccination.	One mark.	Two marks.	Three marks.	More than three marks.
Faint ..	..	..	..	..
Moderate ..	1	1	1	..
Prominent ..	..	..	..	..

The age group of the three fatal cases was as follows :—

1—5 years.	6—10 years.	11—20 years.	21—30 years.	31—40 years.	Above 40 years.	Total.
..	..	1	2	..	..	3

The following table gives the total number of cases, varieties and case mortality rate amongst the protected and unprotected.

**Table No. XXIII.**

Variety.	Protected.			Unprotected.		
	Admitted.	Died.	Case mortality rate.	Admitted.	Died.	Case mortality rate.
Modified ..	14	..	..	2	..	..
Discrete ..	18	..	..	5	..	..
Confluent ..	17	2	11.76%	35	8	22.86%
Haemorrhagic ..	1	1	100.00%	..	..	..
Total ..	50	3	6.00%	42	8	19.05%

From a comparison of the above figures, it will be noted that the severity of the disease and the death-rate are much higher amongst the



unprotected by vaccination as compared to those that are vaccinated. Out of the 50 protected cases only 3 died; while out of the 42 unprotected as many as 8 died. Nearly 83 per cent. of the latter were of the severe type.

The following table shows the prevalence of Small-pox from the year 1921 till the end of the year under report as revealed by the number of patients admitted into the hospital from year to year.

Table No. XXIV.

Year.	Attacks.	Deaths.	Case mortality rate per cent.
1921 ..	83	9	11.84
1922 ..	215	24	11.16
1923 ..	626	153	24.44
1924 ..	260	55	21.15
1925 ..	1,448	257	17.75
1926 ..	121	19	15.70
1927 ..	649	114	17.56
1928 ..	1,109	218	19.66
1929 ..	47	11	23.40
1930 ..	41	6	14.63
1931 ..	65	11	16.92
1932 ..	1,359	239	17.59
1933 ..	87	10	11.49
1934 ..	200	39	19.50
1935 ..	439	92	20.96
1936 ..	92	11	11.96

VIII. All the surgical work done at this hospital was of a minor character such as opening buboes and abscesses and intravenous injections.

### IX Expenditure.

	1935.	1936.
	Rs.	Rs.
1. Establishment .. ..	70,738	72,081
2. Medicines—		
Europe .. ..	2,725	2,182
Country .. ..	73	8
3. Diets .. ..	11,964	5,023
4. Miscellaneous .. ..	7,577	6,418
5. Buildings—		
New .. ..	30,928	34,313
Repairs .. ..	1,608	907
<b>Total ..</b>	<b>1,25,613</b>	<b>1,20,932</b>

**Microscope.**

The hospital has no Microscope and all specimens of stools, urine, sputum, gland smears, throat swabs, etc., are sent to the Corporation Laboratory and the Pasteur Institute for examination.

**Concluding Remarks.**

I have to place on record the satisfactory manner in which the hospital staff, one and all, have carried out their duties.

The "Times Press" has to be thanked for its generosity in supplying the hospital daily with its newspaper.

K. P. PILLAI,

M.B., B.S., D.P.H.

MEDICAL OFFICER,

*Contagious Diseases Hospital,  
Rangoon.*

*The 10th June 1937.*



( 18 )

**ANNUAL REPORT**  
ON THE  
**WORKING**  
OF THE  
**MUNICIPAL OBSERVATION HOSPITAL**  
**RANGOON**

FOR THE YEAR ENDING THE 31ST DECEMBER 1936.



This hospital is purely an observation one for cases sent by the Port Health Authorities.

**I. Class of Hospital and Date of Opening.**

This hospital was transferred to the control of the Corporation on the 1st October 1920 and comes under Class III—Local Fund.

**II. Hospital Buildings.**

The buildings are in good condition and necessary repairs were carried out.

**III. Equipment.**

There is nothing to be said regarding the equipment of this hospital as this is used purely for observation purposes.

**IV. Staff.**

The following is a list of the staff :—

2 Wardboys	..	1 Cook.
2 Sweepers	..	1 Lampman-Waterman.
1 Female Attendant	..	2 Gate Durwans.
1 Female Sweeper	..	1 Mali.

### V. Hospital Finance and Management.

All the charges incidental to the proper upkeep of the hospital are borne by the Corporation, the Local Government contributing Rs. 40,000 per year towards the maintenance of this and the Contagious Diseases Hospital.

### VI. Hospital Patients.

1935.			1936.		
Male.	Female.	Total.	Male.	Female.	Total.
673	47	720	443	49	492

Daily average attendance—

1935.

5

1936.

4

The following table shows the percentage proportion of the various communities treated.

Europeans and Anglo-Indians.	Burmese.	Mohammedans.	Hindus.	All other classes.
00.00	00.20	35.57	63.01	1.22

The following table gives the total number of cases found suffering from various diseases on or after admission into the hospital.

Diseases.	1935.	1936.
Plague .. .. .	..	..
Cholera .. .. .	1	..
Small-pox .. .. .	2	..
Chicken-pox .. .. .	..	..
Measles .. .. .	1	1
Mumps .. .. .	1	..
Diphtheria .. .. .	..	..
Erysipelas .. .. .	..	..
Cerebro-Spinal Meningitis .. .. .	..	..
Influenza .. .. .	..	..
Diarrhoea .. .. .	5	2
Adenitis .. .. .	..	..
No appreciable disease .. .. .	296	199
All other diseases .. .. .	414	290
<b>Total .. .. .</b>	<b>720</b>	<b>492</b>



Out of the total number of 492 cases treated in the year, 199 had no appreciable disease, giving a percentage of 40.45 to the total treated.

The 290 cases shown under "All other diseases" consisted of 182 cases of slight fever which came down in a few days and the following other diseases :—

Malaria	..	..	..	1
Pneumonia	..	..	..	4
Tuberculosis of Lungs	..	..	..	1
Pyrexia of uncertain origin	..	..	..	96
Round worm	..	..	..	1
Arthritis	..	..	..	1
Gluteal abscess	..	..	..	1
Bronchitis	..	..	..	1
Enteritis	..	..	..	1
Colitis	..	..	..	1

*Expenditure.*

			1935.	1936.
			Rs.	Rs.
Establishment	..	..	3,030	2,974
Diet	..	..	140	88
Miscellaneous charges	..	..	2,374	796
Buildings new	..	..	..	2,049
			<hr/>	<hr/>
		<b>Total</b>	.. 5,544	5,907
			<hr/>	<hr/>

No expenditure has been shown under "Medicines" as this is supplied by the Contagious Diseases Hospital.

HEALTH DEPARTMENT,  
The 10th June 1937.

K. P. PILLAI,  
M.B. B.S. D.P.H.  
MEDICAL OFFICER,  
Contagious Diseases Hospital,  
Rangoon.

# ANNUAL REPORT

## ON THE WORKING

### OF THE

# MUNICIPAL LABORATORY

## FOR THE YEAR 1936.

The report is divided into 4 sections :—

- I. Chemical.
- II. Clinical and Bacteriological.
- III. Miscellaneous.
- VI. Staff.

### Section I.—Chemical.

During the year under report 3,448 specimens including Urine were examined as compared to 1,872 in 1935, as shown below :—

	1935.	1936.
(a) General Chemical—		
(i) Articles of food and drink .. .. .	724	700
(ii) Miscellaneous .. .. .	41	11
(b) Urine .. .. .	1,107	2,737
<b>Total .. .. .</b>	<b>1,872</b>	<b>3,448</b>

These are shown in detail below :—

I. *Water* :—321 samples from the following sources.—

Source.	No. of samples.
Hlawga Lake .. .. .	20
Taps, stand-pipes, storage tanks, etc. .. .. .	19
Surface wells .. .. .	3
Tube wells .. .. .	7
Kutchra tank .. .. .	1
At Hlawga in connection with Chlorination .. .. .	271
<b>Total .. .. .</b>	<b>321</b>



Results of examination of Hlawga water were normal throughout the year.

II. *Aerated Water* :—Lemonade, 20 samples. All these were free from contamination with lead, zinc or copper. 5 samples showed traces of iron in varying proportions.

III. *Milk* :—244 samples, of which 158 were satisfactory and 86 (or 35·2 per cent.) unsatisfactory.

IV. *Condensed Milk* :—73 samples, of which 70 conformed to the requirements of the standard and 3 (or 4·1 per cent.) did not.

	Conforming to standard.	Not conforming to standard.	Total.
Full Cream—sweetened .. .. .	33	1	34
Full Cream—unsweetened .. .. .	23	..	23
Skimmed, sweetened .. .. .	14	2	16
Total .. .. .	70	3	73

V. *Milk Powder* —5 samples, of which 2 were dried skimmed milk and the other 3 dried full-cream milk.

VI. *Butter* :—8 samples of which 6 conformed to the standard and 2 did not by reason of high moisture content.

VII. *Ghee* :— 2 samples, both conforming to the standard.

VIII. Other articles of food and drink, and drugs—27 samples.

Cream .. .. .	1
Cocoanut Oil .. .. .	1
Atta .. .. .	17
Chapati .. .. .	1
Curry powder .. .. .	3
Country liquor .. .. .	3
Senna leaves .. .. .	1
Total .. .. .	27

IX. *Miscellaneous articles* : other than food and drink —11 samples.

Coal .. .. .	6
Damaged materials .. .. .	5
<b>Total ..</b>	<b>11</b>

X. *Urine* :—2,737 samples from sources as shown below :—

	1935.	1936.
Contagious Diseases Hospital .. .. .	42	52
Dispensaries and Depots .. .. .	287	2,404
Private Medical Practitioners, etc. .. .. .	778	281
<b>Total ..</b>	<b>1,107</b>	<b>2,737</b>

### Section II.—Clinical and Bacteriological.

42,240 specimens were examined during the year as against 40,401 in 1935, as shown below :—

	1935.	1936.
A. Articles of food and drink .. .. .	300	254
B. Miscellaneous .. .. .	10	5
C. Rats, for infection with Plague .. .. .	37,506	36,594
D. Pathological specimens .. .. .	2,585	5,387
<b>Total ..</b>	<b>40,401</b>	<b>42,240</b>

These are shown in detail below :—

I. *Water*.—224 samples for usual Bacteriological examination from the following sources :—

Source.	No. of samples.
Hlawga Lake, unchlorinated .. .. .	52
Hlawga Lake, chlorinated .. .. .	52
Laboratory tap, connected to main .. .. .	52
Stand pipes, storage tanks, etc. .. .. .	49
Tube wells .. .. .	13
Surface wells .. .. .	5
Kutchra tank .. .. .	1
<b>Total ..</b>	<b>224</b>



As usual, unchlorinated water from Hlawga Lake was of a fair or low standard while chlorinated water was maintained throughout the year at a high standard of bacteriological purity.

The following table gives some points of interest in connection with chlorination of water :—

	1935.	1936.
Rainy days at Hlawga .. .. .	164	148
Total rainfall at Hlawga, in inches .. .. .	88.303	114.190
Lowest water level in Hlawga, in feet .. .. .	55.90 (21st May)	55.93 (21st May)
Highest water level in Hlawga, in feet .. .. .	61.93 (6th Nov.)	63.07 (7th Sept.)
Overflow at Hlawga Lake .. .. .	Nil	4th August
Total quantity of water supplied, in million gallons ..	4,094.043	3,968.473
Total quantity of Chlorine used, in pounds .. .. .	32,875.5	34,183
Maximum and minimum dose of chlorine, parts per million ..	0.6—1.2	0.6—0.9
Amount of residual chlorine maintained, parts per million ..	0.3—0.6	0.3—0.4
Average dose of chlorine used for the year, parts per million ..	0.803	0.861
Average daily dose of chlorine during 8 months of dry weather, in pounds .. .. .	84.60	84.36
Average daily dose of chlorine during 4 months of wet weather, in pounds .. .. .	100.95	112.29
Average daily dose of chlorine during the whole year, in pounds	90.07	93.39
Cost of chlorine used at Rs. 0-8-0 per pound .. Rs. ..	16,437-12-0	17,091-8-0

II. *Aerated Water*.—13 samples, of which 11 were of high standard and 2 of fair standard of bacteriological purity.

III. *Milk*.—13 samples, of which 10 were for isolation of Typhoid-Para-typhoid group of organisms (with negative result) and 2 for general bacteriological examination.

IV. *Sugarcane Juice*.—2 samples for isolation of Typhoid-Para-typhoid group of organisms (with negative result).

V. *Chapati*.—One sample for *Vibrio cholerae* and evidence of food poisoning (with negative results.)

VI. *Disinfectant*.—5 samples for Carbohc co-efficient by the Rideal Walker Method.

VII. *Rats for infection with Plague*.—36,594 (with 15 +) rats were dissected and examined as against 37,506 (with 10 +) in 1935. These were received from the following Circles :—

Circles.	No. of rats examined.	No. found infected with <i>Past. pestis</i> .
North Kemmendine .. ..	5,049	1
South Kemmendine .. ..	2,552	1
Lanmadaw .. ..	1,818	..
Taroktan .. ..	2,031	1
West Town .. ..	6,098	..
East Town .. ..	3,860	4
Botataung .. ..	1,933	3
Pazundaung .. ..	2,028	..
Theinbyu .. ..	5,181	2
Tamwe .. ..	2,685	1
Dalla .. ..	1,747	1
Kanaungto .. ..	1,611	1
Port Health .. ..	1	..
Total .. ..	36,594	15

Of the rats found infected, 10 were *M. concolor*, 4 Mice and 1 *N. bengalensis*.

VIII. *Pathological specimens*.—5,387 specimens as detailed below :—

1. **Blood**

For M.P. .. ..	71 ( 12+)
„ P.B. .. ..	1
„ T.A.B. .. ..	10
„ <i>Leishmania donovani</i> .. ..	2
„ Kala-azar .. ..	1
„ <i>Micro filaria</i> .. ..	1
„ <i>Trypanosoma evansi</i> .. ..	1
„ Differential count .. ..	35
„ Total count .. ..	10
„ Haemoglobin .. ..	10
Total .. ..	142



**2. Stool—**

For <i>Vibrio cholerae</i>	..	..	..	4 ( 1+)
„ <i>Amoeba</i> or cyst	..	..	..	475 ( 46+)
„ <i>Bact. shiga</i>	..	..	..	8 ( 2+)
„ <i>Bact. flexner</i>	..	..	..	3
„ Ova, <i>Ankylostoma</i>	..	..	..	396 ( 8+)
„ „ Round worm	..	..	..	401 ( 27+)
„ „ Thread worm	..	..	..	5 ( 5+)
„ „ Tape worm	..	..	..	1 ( 1+)
„ „ Whip worm	..	..	..	6 ( 6+)
„ „ <i>Strongyloides</i>	..	..	..	3 ( 3+)
„ T.A.B.	..	..	..	17
„ T.B.	..	..	..	98 ( 3+)

---

 Total .. 1,417
 

---

**3. Sputum—**

For T.B.	..	..	..	3,357 (619+)
„ <i>Pneumococci</i>	..	..	..	13
„ <i>Streptococci</i>	..	..	..	113
„ <i>Staphylococci</i>	..	..	..	20
„ <i>H. Influenzae</i>	..	..	..	1

---

 Total .. 3,504
 

---

**4. Throat swab—**

For <i>C. diphtheriae</i>	..	..	..	232 ( . 4+)
„ <i>N. meningitidis</i>	..	..	..	18
„ T.B.	..	..	..	1

---

 Total .. 251
 

---

**5. Urethral and other discharges—**

For <i>Gonococci</i>	..	..	..	26 ( 12+)
„ <i>Myco. leprae</i>	..	..	..	1 ( 1+)

---

 Total .. 27
 

---

**6. Urine—**

For <i>Bact. coli.</i>	..	..	..	6
„ <i>Gonococci</i>	..	..	..	23 ( 5+)
„ T.A.B.	..	..	..	15

---

 Total .. 44
 

---

**7. Throat tissue of Bull—**

For T.B.	..	..	..	1
„ <i>Streptococci</i>	..	..	..	1

---

 Total .. 2
 

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**Section III—Miscellaneous.****I. Other works carried out:—**

- (i) 14 specimens of mosquito larvae were examined and only *Aedes aegypti* and *Culex fatigans* were found in them.
- (ii) 847½ lbs. of distilled water, 9 lbs. of fly-paste and 413½ lbs. of Chlorine solution were prepared and supplied to other departments.

II. *Examination fees* :—The amount of fees realised during the year for examination of samples received from private sources is as follows :—

	Rs.	A.	P.
For Chemical examinations .. .. .	164	0	0
For Clinical and Bacteriological examinations ..	90	0	0
	<hr/>		
Total ..	254	0	0
	<hr/>		

**Section IV—Staff.**

Mr. D. M. Gangolli, B.A., M.Sc., F.I.C., remained in charge of the Laboratory as Analyst till 23rd December when he proceeded on leave and Dr. J. Das, B.Sc., M.B., D.P.H., Assistant Analyst, took over charge from him. The latter officiated as Assistant Health Officer from 29th February to 19th October and Dr. T. Hock Shain, M.B., B.S., acted as Assistant Analyst during that period.

Mr. S. David, Laboratory Assistant, was on three months' leave from 9th January and Mr. S. A. Ghaffoor officiated in his place.

J. DAS,  
B. SC., M.B., D.P.H.,  
*Offg. Analyst,*  
*Corporation of Rangoon.*

The 10th June 1937.



## LIST OF TABLES.

Page No.

Meteorological data during the year 1936 .. .. . 94—95

**Vital Statistics—**

1. Births by Registration Circles .. .. .	96
2. Deaths by Registration Circles .. .. .	98—99
3. Deaths by months .. .. .	100
4. „ „ Age and Registration Circles .. .. .	101
5. „ „ Class and „ „ .. .. .	102
6. Infantile Mortality by Registration Circles .. .. .	103
7. Deaths from various causes for three years by months .. .. .	104—105
8. „ „ Cholera by months .. .. .	106
9. „ „ Small-pox „ .. .. .	107
10. „ „ Measles „ .. .. .	108
11. „ „ Plague „ .. .. .	109
12. „ „ Enteric Fever „ .. .. .	110
13. „ „ Cerebro-Spinal Meningitis by months .. .. .	111
14. „ „ Diphtheria by months .. .. .	112
15. „ „ Puerperal Septicaemia by months .. .. .	113
16. „ „ Malarial Fever „ .. .. .	114
17. „ „ Other Fevers including Influenza by months .. .. .	115
17A. „ „ Influenza by months .. .. .	116
18. „ „ Diarrhoea and Dysentery by months .. .. .	117
19. „ „ Tubercle of Lung by months .. .. .	118
20. „ „ Respiratory Diseases excluding Tubercle of Lung by months .. .. .	119
21. „ „ Injuries by months .. .. .	120
22. „ „ All other Causes by months .. .. .	121
23. „ „ Diarrhoea and Dysentery by Registration Circles and by classes .. .. .	122—123
24. „ „ Cancer according to sex and by races and age groups .. .. .	124
25. „ „ Cancer according to races, sex and parts of the body affected .. .. .	125
26. „ „ Cancer by occupation and parts of the body affected .. .. .	126
27. Immigration and Emigration for the Port of Rangoon .. .. .	127
28. Deaths from Tubercle of Lung by occupation and by months .. .. .	128
29. The grades of income of Tuberculosis patients whose homes were visited .. .. .	129
30. Burials and cremations .. .. .	130

**Maternity and Infant Welfare Centres—**

1. Work done by the Medical Officers, Maternity and Infant Welfare Centres .. .. .	133
2. Work done by the Lady Health Visitors .. .. .	134



	Page No.
3. The number of infants who were under the care of the Lady Health Visitors and the number of deaths amongst such infants and their mortality rate .. .. .	135
<b>Sanitary.</b>	
1. Number of blockages cleared .. .. .	137
2. Number of Notices issued and served under different sections of the City of Rangoon Municipal Act, 1922 .. .. .	139
3. Number of cases prosecuted and amount of fines realised under different sections of the City of Rangoon Municipal Act, 1922 .. .. .	141
4. Summary of inspections made by the Sanitary Inspectors and Sanitary Works completed .. .. .	143—144
5. Articles of unwholesome food and drink destroyed .. .. .	145—146
6. Details of Registered Buildings in the City and the number inspected for overcrowding etc. .. .. .	147
<b>Anti-Mosquito Work.</b>	
1. Percentage of breeding places to total number inspected month by month ..	149
2. Number of Larvae of the various species of mosquitoes examined month by month .. .. .	151
3. Species of mosquitoes, collected and identified, their common breeding places and the part of the year in which they were found .. .. .	153
4. Number of breeding places of the various species of mosquitoes detected month by month .. .. .	155
5. Types of breeding places of mosquitoes found .. .. .	156
6. Number of Inspections carried out in each Circle month by month ..	157
7. Work done regarding the Water Storage Tanks, and Distribution of Handbills etc., month by month .. .. .	159
8. Anti-Mosquito work done month by month .. .. .	161
9. Stegomyia Index month by month .. .. .	163
<b>Miscellaneous.</b>	
1. Comparative summary of the work of Vaccination and Sanitary sections for the years 1927 to 1936 .. .. .	164
2. Summary of work done in the Department .. .. .	165
3. Medical Inspection of Municipal School Students .. .. .	167
<b>Vaccination.</b>	
1. Total number of vaccinations performed including those performed at the Port and the cost per case of Vaccination .. .. .	169
2. Cost of Vaccinations performed at the Port Health Station .. .. .	170
3. Births and Vaccinations of Infants under one year of age by Circles ..	171
4. Work done by the Vaccinators, etc. .. .. .	172



## METEOROLOGICAL DATA OF THE CITY

LATITUDE

LONGITUDE

Height of Cistern of Barometer above Sea-level—

Months.	Mean temperature.		Maximum temperature.				Minimum temperature.			
	Mean of month	Departure from normal	Mean of month	Departure from normal	Highest value during month	Date of value during month	Mean of month	Departure from normal	Lowest value during month	Date of value during month
January 1936 ..	77.4	+0.7	89.5	+0.9	94	31	65.3	+0.4	61	3
February ,, ..	79.6	+0.2	92.0	- 0.3	96	3	67.2	+0.7	63	15, 16, 23
March ..	83.4	-0.1	94.9	-1.0	99	22	71.9	+0.7	68	1
April ..	85.9	-1.2	95.1	-2.9	99	16, 17	76.6	+0.5	73	5
May ..	85.3	+0.9	92.8	+1.1	98	7	77.8	+0.6	74	13, 23
June ..	80.5	-0.9	85.6	-0.8	90	8, 9, 21	75.5	-0.9	73	1, 15, 16
July ..	80.3	-0.3	84.8	-0.5	89	8	75.8	..	73	31
August ..	79.7	-0.7	84.3	-0.7	89	31	75.2	-0.6	73	4, 7, 29
September ..	81.9	+1.0	87.6	+1.7	93	26	76.3	+0.3	73	8
October ..	81.5	-0.3	88.1	+0.5	92	31	74.8	-1.0	71	20, 22
November ..	82.5	+2.4	91.1	+3.6	94	7	73.9	+1.2	67	30
December ..	82.0	+4.7	93.3	+6.2	96	16	70.7	+3.3	67	12, 19

## OF RANGOON FOR THE YEAR 1936.

16°46 NORTH.

96°18 EAST.

35·70 feet (Reduced level.)

Humidity.		Wind.				Cloud.		Rainfall.	
Mean relative humidity of month.	Departure from normal.	Mean hourly velocity.	Departure from normal.	Mean direction of wind.	Normal direction of wind.	Mean of month.	Departure from normal.	Inches and cents.	Departure from normal.
82	..	2.5	-0.2	N 28° E	..	2.5	-0.5	..	-0.21
85	+1	3.2	+0.5	N 9° E	..	2.7	-0.1	0.40	+0.18
87	+2	3.8	+0.5	N 18° W	..	5.1	+1.5	0.11	-0.21
82	+2	4.3	+0.1	S 52° W	..	4.6	+0.5	30.60	+1.43
81	-5	3.8	+0.3	S 39° W	..	5.2	-2.1	14.89	+2.91
91	0	3.4	-0.3	S 13° W	..	8.7	-0.2	26.93	+8.89
93	+1	3.0	-0.7	S 20° W	..	9.2	0	24.06	+2.64
92	-1	3.5	+0.2	S 20° W	..	9.0	-0.1	25.16	+5.29
88	-4	2.3	-0.3	S 56° W	..	7.7	-0.9	18.00	+2.73
85	-5	2.4	+0.2	N 34° E	..	4.7	-1.8	11.05	+4.14
83	-3	2.0	-0.7	N 28° E	..	2.3	-2.2	0.56	-2.23
74	-8	2.5	-0.6	N 22° E	..	2.8	-0.6	0.00	-0.37



**VITAL STATISTICS.**  
**Table No. 1.—BIRTHS REGISTERED BY REGISTRATION CIRCLES DURING 1936.**

1	2		3		4		5	6	7	8			
	Male.	Female.	Male.	Female.	Male.	Female.				Male.	Female.		
Registration Circles.	Population according to Census 1931.		Number of births registered.		Ratio of births per 1,000 of population.		Number of males born to every 100 females born.	Excess of births over deaths per 1,000 of population.	Excess of deaths over births per 1,000 of population.	Mean ratio of births per 1,000 during previous five years.			
	Male.	Female.	Male.	Female.	Male.	Female.				Male.	Female.	Total.	
Kamayut ..	11,159	7,860	319	328	647	28.59	41.73	34.02	97.25	3.00	..	..	
North Kemmendine ..	13,236	11,111	447	434	881	33.77	39.06	36.19	103.00	..	..	..	
South Kemmendine ..	19,125	9,986	628	590	1,218	32.84	59.08	41.84	106.44	..	..	..	
Lanmadaw ..	12,814	7,118	311	272	583	24.27	38.21	29.25	114.34	..	..	..	
Taroktan ..	15,521	8,217	294	276	570	18.94	33.59	24.01	106.52	..	..	..	
West Town ..	25,116	7,127	369	353	722	14.69	49.53	22.39	104.53	..	..	..	
East Town ..	31,931	9,922	492	456	948	15.41	45.96	22.65	107.89	..	..	..	
Botataung ..	13,421	6,661	276	246	522	20.56	36.93	25.99	112.20	..	..	..	
Pazundaung ..	19,432	10,200	444	380	824	22.85	37.25	27.81	116.84	..	..	..	
Theinbyu East ..	15,664	10,840	386	382	768	24.64	35.24	28.98	101.05	..	..	..	
Theinbyu West ..	13,167	6,841	391	326	717	29.70	47.65	35.84	119.94	..	..	..	
Tamwe ..	21,726	14,052	655	558	1,213	30.15	39.71	33.90	117.38	..	..	..	
Kokine ..	14,291	7,962	259	225	484	18.12	28.26	21.75	115.11	..	..	..	
Dala ..	12,134	4,912	193	185	378	15.91	37.66	22.18	104.32	..	..	..	
Kanaungto ..	10,776	5,040	176	185	361	16.33	36.71	22.82	95.14	..	..	..	
Cantonment ..	1,046	402	12	7	19	11.47	17.41	13.12	171.43	..	..	..	
Hospitals and other Public Institutions ..	3,672	650	..	..	..	..	..	..	..	..	..	..	
Port (Travellers) ..	16,452	389	..	..	..	..	..	..	..	..	..	..	
Railways (Travellers) ..	380	62	..	..	..	..	..	..	..	..	..	..	
<b>Total ..</b>	<b>271,063</b>	<b>129,352</b>	<b>5,652</b>	<b>5,203</b>	<b>10,855</b>	<b>20.85</b>	<b>40.22</b>	<b>27.11</b>	<b>108.63</b>	<b>..</b>	<b>17.86</b>	<b>35.44</b>	<b>23.54</b>





Table No. 2.—DEATHS BY REGISTRATION

1 Registration Circles.	2 Area in square miles.	3 Average population per square mile.	4 Population (Census 1931).			5 Number of deaths registered.			6 Number of deaths of males to every 100 deaths of females.
			Male.	Female.	Total.	Male.	Female.	Total.	
Kamayut ..	1.82	10,450.00	11,159	7,860	19,019	378	326	704	115.95
North Kemmendine ..	0.91	26,754.95	13,236	11,111	24,347	317	275	592	115.27
South Kemmendine ..	2.21	13,172.40	19,125	9,986	29,111	275	264	539	104.17
Lanmadaw ..	0.17	117,247.06	12,814	7,118	19,932	229	202	431	113.37
Taroktan ..	0.15	158,253.33	15,521	8,217	23,738	292	151	443	193.38
West Town ..	0.24	134,345.83	25,116	7,127	32,243	215	163	378	131.90
East Town ..	0.42	99,650.00	31,931	9,922	41,853	263	194	457	135.57
Botataung ..	0.47	42,727.66	13,421	6,661	20,082	126	97	223	129.90
Pazundaung ..	0.74	40,043.24	19,432	10,200	29,632	328	286	614	114.69
Theinbyu East ..	0.48	55,216.66	15,664	10,840	26,504	340	321	661	105.92
Theinbyu West ..	1.08	18,525.93	13,167	6,841	20,008	237	210	447	112.86
Tamwe ..	3.78	9,465.08	21,726	14,052	35,778	532	520	1,052	102.31
Kokine ..	4.84	4,597.73	14,291	7,962	22,253	259	216	475	119.91
Dala ..	3.50	4,870.29	12,134	4,912	17,046	199	126	325	157.94
Kanaungto ..	3.08	5,135.06	10,776	5,040	15,816	185	153	338	120.92
Cantonment ..	0.36	4,022.22	1,046	402	1,448	4	4	8	100.00
Hospitals and other Public Institutions ..	..	..	3,672	650	4,322	1,980	598	2,578	331.10
Rangoon River, Pegu River and Pazundaung Creek ..	7.69	..	..	..	..	..	..	..	..
Port (Travellers) ..	..	..	16,452	389	16,841	..	..	..	..
Railways (Travellers) ..	..	..	380	62	442	..	..	..	..
Total ..	31.94	12,536.48	271,063	129,352	400,415	6,159	4,106	10,265	150.00

## CIRCLES DURING THE YEAR 1936.

7													8				
Deaths per 1,000 of population from													Mean ratio of deaths per 1,000 during previous five years.				
Cholera.	Small-pox.	Measles.	Plague.	Enteric Fever.	Malaria.	Other Fevers.	Dysentery and Diarrhoea.	Tubercle of Lungs.	Respiratory Diseases.	Injury.	All other causes.	All causes.			Male.	Female.	Total.
												Male.	Female.	Total.			
..	..	..	..	·11	·26	..	2·47	3·00	8·25	·21	22·61	33·87	41·48	37·02	..	..	..
·08	..	..	..	..	·16	..	1·64	2·14	7·06	·04	13·06	23·95	24·75	24·32	..	..	..
..	·10	..	..	..	·17	..	·89	1·65	4·23	·07	11·37	14·38	26·44	18·52	..	..	..
·05	·05	..	..	..	..	..	·30	2·81	6·12	·05	12·24	17·87	28·38	21·62	..	..	..
..	..	..	..	·04	·04	..	·25	2·99	7·50	..	7·84	18·81	18·38	18·66	..	..	..
..	..	..	·12	·09	·09	..	·65	1·12	3·04	·03	6·54	8·56	22·87	11·72	..	..	..
..	..	..	..	·05	·05	·02	·55	1·34	3·46	..	5·38	8·24	19·55	10·92	..	..	..
·05	·05	..	..	·05	·05	..	·45	·80	2·94	..	6·57	9·39	14·56	11·10	..	..	..
..	..	..	·03	..	·27	..	1·99	1·01	6·04	..	11·31	16·88	28·04	20·72	..	..	..
·08	·08	..	..	·04	·15	..	2·45	2·38	7·81	·11	11·85	21·71	29·61	24·94	..	..	..
..	..	..	..	..	..	..	2·15	2·35	7·75	..	10·10	18·00	30·70	22·34	..	..	..
..	·08	..	..	..	·03	·03	2·12	1·51	7·66	..	17·94	24·49	37·01	29·40	..	..	..
..	..	..	..	·04	·04	..	1·62	1·39	4·94	..	13·30	18·12	27·13	21·35	..	..	..
..	..	..	..	..	·76	..	2·17	1·88	5·22	·06	8·98	16·40	25·65	19·07	..	..	..
..	..	..	..	..	·25	..	·19	·89	6·70	·13	13·15	17·17	30·36	21·37	..	..	..
..	..	..	..	..	..	..	1·38	..	1·38	..	2·76	3·82	9·95	5·52	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
·04	·05	..	·03	·15	·21	·03	1·67	2·59	6·23	·65	13·89	22·72	31·74	25·64	21·27	29·15	23·81



Table No. 3.—DEATHS BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1935.

Registration Circles.	Jan- uary.	Febr- uary.	March.	April.	May.	June.	July.	August.	Sept- ember.	Octo- ber.	Nov- ember.	Dec- ember.	Total.
Kamayut ..	67	54	32	49	34	69	78	72	72	56	65	56	704
North Kemmendine ..	42	36	46	38	42	52	51	67	43	59	65	51	592
South Kemmendine ..	42	38	47	33	29	57	38	48	38	51	55	63	539
Lanmadaw ..	38	35	38	36	33	19	32	41	37	37	49	36	431
Taroktan ..	31	43	33	33	36	47	34	38	41	33	36	38	443
West Town ..	37	23	23	21	28	28	32	53	32	27	39	35	378
East Town ..	47	33	34	32	35	48	35	34	38	35	37	49	457
Botataung ..	16	15	16	19	16	18	24	17	16	22	24	20	223
Pazundaung ..	42	55	41	44	46	48	56	54	54	52	63	59	614
Theinbyu East ..	60	59	37	44	55	46	57	62	53	57	68	63	661
Theinbyu West ..	43	34	36	34	40	33	44	52	33	29	31	38	447
Tamwe ..	93	70	83	55	81	87	105	108	104	79	86	101	1,052
Kokine ..	38	35	32	33	35	32	49	47	43	35	48	48	475
Dala ..	25	19	27	24	26	31	28	31	33	25	29	27	325
Kanaungto ..	34	21	20	29	35	37	31	26	22	24	32	27	338
Cantonment ..	1	..	1	..	1	..	1	..	1	..	..	3	8
Hospitals and other Public Institutions ..	219	191	219	194	201	211	227	220	210	244	212	230	2,578
Total ..	875	761	765	718	773	863	922	970	870	865	939	944	10,265



	2		3		4		5		6		7		8		9		10		11			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
Registration Circles.	Under 5 years.		Under 5 years.		5 years and under 10 years.		10 years and under 15 years.		15 years and under 20 years.		20 years and under 30 years.		30 years and under 40 years.		40 years and under 50 years.		50 years and under 60 years.		60 years and upwards.			
	Census population, 1931.		Census population, 1931.		Population, Census 1931.		Population, Census 1931.		Population, Census 1931.		Population, Census 1931.		Population, Census 1931.		Population, Census 1931.		Population, Census 1931.		Population, Census 1931.		Population, Census 1931.	
	Male, 15,191.	Female, 15,420.	Male, 15,928.	Female, 14,108.	Male, 17,352.	Female, 13,685.	Male, 29,555.	Female, 14,220.	Male, 143,993.	Female, 48,274.	Male, 43,199.	Female, 18,592.	Male, 5,845.	Female, 5,053.								
	Under one year.	One and under 5 years.																				
Births.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	
Male 5,652	Female 5,203	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	Deaths.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
..	..	72	79	30	42	10	13	6	3	5	2	40	39	58	30	48	16	41	21	68	81	
..	..	96	83	41	37	4	7	1	1	5	2	23	25	27	20	25	21	38	22	57	57	
..	..	115	102	25	26	3	7	4	4	3	2	17	25	29	18	21	17	21	15	40	39	
..	..	79	54	20	19	2	6	3	1	5	6	14	13	20	27	23	16	23	15	40	45	
..	..	67	49	21	21	9	8	2	1	4	3	14	10	44	11	49	10	39	10	43	28	
..	..	57	58	16	22	6	2	4	2	7	9	21	21	21	15	25	6	25	4	33	24	
..	..	87	67	20	16	1	3	5	6	5	11	18	25	27	20	7	24	13	49	27	26	
..	..	41	24	6	11	1	3	5	2	3	5	10	8	17	13	11	3	10	7	22	21	
..	..	101	80	31	36	7	12	3	6	4	6	22	28	34	35	35	21	24	16	67	46	
..	..	130	97	35	33	11	5	3	6	8	16	17	26	22	25	33	24	23	26	58	63	
..	..	71	69	13	21	4	2	2	2	2	3	12	13	18	18	23	9	19	10	75	65	
..	..	181	152	58	61	11	15	8	12	5	17	35	42	42	54	53	40	42	33	97	94	
..	..	78	58	20	22	6	4	1	1	6	3	11	15	27	22	28	17	26	25	50	50	
..	..	53	37	19	10	2	6	4	3	4	3	18	12	22	13	25	6	24	11	31	25	
..	..	43	48	16	18	5	2	2	1	4	1	19	7	18	21	19	14	16	15	43	26	
..	..	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
..	..	168	139	52	34	20	10	27	16	52	33	392	117	500	118	382	65	256	27	131	39	
Hospitals and other Public Institutions	..	1,442	1,196	424	429	102	105	72	64	122	131	683	427	926	460	827	292	651	271	910	731	
Ratio per mille	..	255.13	229.87	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total deaths under 5 years	..	Male, 1,866	Female, 1,625	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Ratio per 1,000	..	122.84	105.38	6.40	7.44	4.15	4.68	4.13	9.21	4.13	9.21	11.17	18.37	34.21	30.28	155.69	144.67	..	..	..	..	

\* In the case of children under 1 year of age the ratio should be calculated on the number of births during the year, in all other cases on the number living at the time of census.  
 The population figures on which ratio are to be calculated refer to the whole city under registration.



Table No. 5.—DEATHS REGISTERED ACCORDING TO CLASS BY REGISTRATION CIRCLES DURING THE YEAR 1936.

Registration Circles.	Population according to Census 1931.					Number of Deaths registered.					Ratio of Deaths per 1,000 of Population.							
	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Total.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Total.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Total.
Kamayut ..	553	4,223	1,555	11,858	830	19,019	54	140	36	461	13	704	97.65	33.15	23.15	38.89	15.66	37.02
North Kemmaidine ..	2,224	3,518	1,903	16,412	290	24,347	27	64	31	467	3	592	12.14	18.19	16.29	28.45	10.34	24.32
South Kemmaidine ..	4,480	9,709	3,147	10,285	1,490	29,111	44	136	64	288	7	539	9.82	14.01	20.34	28.00	4.70	18.52
Lanmadaw ..	431	5,860	1,425	10,927	1,289	19,932	5	68	14	277	67	431	11.60	11.60	9.82	25.35	51.98	21.62
Taroktan ..	369	3,905	1,455	6,692	11,317	23,738	4	49	12	70	308	443	10.84	12.55	8.25	10.46	27.22	18.66
West Town ..	721	12,974	15,497	2,058	993	32,243	6	136	207	23	6	378	8.32	10.48	13.36	11.18	6.04	11.72
East Town ..	5,949	19,671	10,813	3,960	1,460	41,853	43	255	95	58	6	457	7.23	12.96	8.79	14.65	4.11	10.92
Botataung ..	2,993	8,389	3,255	4,599	846	20,082	25	96	27	75	..	223	8.35	11.44	8.29	16.31	..	11.10
Pazundaung ..	938	13,069	5,413	9,435	777	29,632	14	237	105	258	..	614	14.93	18.13	19.40	27.34	..	20.72
Theinbyu East ..	2,830	8,402	5,023	9,824	425	26,504	60	181	124	296	..	661	21.20	21.54	24.69	30.13	..	24.94
Theinbyu West ..	2,934	7,973	3,104	5,598	399	20,008	102	153	82	110	..	447	34.76	19.19	26.42	19.65	..	22.34
Tamwe ..	1,571	11,180	5,782	16,766	479	35,778	31	282	153	582	4	1,052	19.73	25.22	26.46	34.71	..	29.40
Kokine ..	2,353	5,998	2,436	10,683	783	22,253	45	91	47	288	4	475	19.12	15.17	19.29	26.96	..	21.35
Dala ..	344	7,672	2,256	6,434	340	17,046	3	112	21	187	2	325	8.72	14.60	9.31	29.06	..	19.07
Kanaungto ..	139	7,431	1,985	5,944	317	15,816	2	121	32	179	4	338	14.39	16.28	16.12	30.11	..	21.37
Cantonment ..	480	600	265	83	20	1,448	3	4	1	..	..	8	6.25	6.67	3.77	..	..	5.52
Hospitals and other Public Institutions ..	1,579	10,327	5,477	3,908	314	4,322	178	1,175	380	829	16	2,578	..	..	..	..	..	..
Port (Travellers) ..	..	..	..	..	..	16,841	..	..	..	..	..	..	..	..	..	..	..	..
Railways (Travellers) ..	..	..	..	..	..	442	..	..	..	..	..	..	..	..	..	..	..	..
<b>Total ..</b>	<b>30,888</b>	<b>140,901</b>	<b>70,791</b>	<b>135,466</b>	<b>22,369</b>	<b>400,415</b>	<b>646</b>	<b>3,300</b>	<b>1,431</b>	<b>4,448</b>	<b>440</b>	<b>10,265</b>	<b>20.91</b>	<b>23.42</b>	<b>20.21</b>	<b>32.83</b>	<b>19.67</b>	<b>25.64</b>



**Table No. 6.**— SHOWING THE BIRTH-RATE AND INFANTILE MORTALITY IN EACH CIRCLE FOR THE YEAR 1936.

Circles.	Estimated normal population for 1936.	Deaths under 12 months of age.	Total recorded births.	Estimated birth-rate calculated on estimated normal population.	Infantile mortality per 1,000 births.
Kamayut .. ..	15,720	151	647	41.16	233.38
North Kemmendine .. ..	22,222	179	881	39.65	203.18
South Kemmendine .. ..	19,972	217	1,218	60.99	178.16
Lanmadaw .. ..	14,236	133	583	40.95	228.13
Taroktan .. ..	16,434	116	570	34.68	203.51
West Town .. ..	14,254	115	722	50.65	159.28
East Town .. ..	19,844	154	948	47.77	162.45
Botataung .. ..	13,322	65	522	39.18	124.52
Pazundaung .. ..	20,400	181	824	40.39	219.66
Theinbyu East .. ..	21,680	227	768	35.42	295.57
Theinbyu West .. ..	13,682	140	717	52.40	195.26
Tamwe .. ..	28,104	333	1,213	43.16	274.53
Kokine .. ..	15,924	136	484	30.39	280.99
Dala .. ..	9,824	90	378	38.48	238.10
Kanaungto .. ..	10,080	91	361	35.81	252.08
Cantonment .. ..	804	3	19	23.63	157.89
Hospitals and other Public Institutions	1,300	307	..	..	..
Port (Travellers) .. ..	778	..	..	..	..
Railways (Travellers) .. ..	124	..	..	..	..
<b>Total ..</b>	<b>258,704</b>	<b>2,638</b>	<b>10,855</b>	<b>41.96</b>	<b>243.02</b>



Table No. 7.—SHOWING THE NUMBER OF DEATHS

Months.	Cholera.			Small-pox.			Measles.			Plague.			Fevers.			
	1934	1935	1936	1934	1935	1936	1934	1935	1936	1934	1935	1936	1934	1935	1936	
January .. ..	..	24	..	5	8	1	..	..	..	1	..	..	29	9	18	
February .. ..	..	16	..	4	24	2	..	..	..	6	1	..	25	7	6	
March .. ..	..	1	8	..	17	63	6	..	..	..	3	..	..	18	11	7
April .. ..	..	1	9	2	23	36	6	..	..	..	3	1	..	14	14	13
May .. ..	..	1	6	..	14	21	1	..	..	..	3	1	4	20	10	9
June .. ..	..	..	5	1	5	8	..	..	..	..	5	2	2	14	22	9
July .. ..	..	..	..	3	3	8	1	..	..	..	1	7	5	22	14	16
August .. ..	..	..	..	2	..	2	..	..	..	..	2	3	1	21	12	21
September .. ..	..	..	..	..	..	..	1	..	..	..	2	1	1	9	12	11
October .. ..	..	..	..	5	1	1	2	1	..	..	..	..	1	15	9	16
November .. ..	..	..	..	3	2	..	1	..	..	..	..	..	..	13	7	14
December .. ..	..	1	1	2	1	1	..	..	1	..	1	1	..	17	18	22
Total .. ..	..	4	69	18	75	172	21	1	1	..	27	17	14	217	145	162

## FROM VARIOUS CAUSES FOR 1934, 1935 AND 1936.

Bowel complaints.			Respiratory diseases.			Injuries.			Other causes.			Total.		
1934	1935	1936	1934	1935	1936	1934	1935	1936	1934	1935	1936	1934	1935	1936
41	29	45	233	284	296	16	11	19	434	471	496	759	83	875
25	22	39	243	271	262	21	17	22	387	410	430	711	768	761
28	27	38	237	293	273	14	23	28	429	474	413	747	899	765
28	30	47	241	268	237	19	17	19	378	404	394	707	779	718
51	41	44	237	274	281	21	30	29	406	409	405	753	792	773
61	44	54	255	276	317	24	16	19	429	426	461	793	799	863
93	67	96	241	291	299	21	29	12	484	506	490	865	922	922
62	45	94	299	273	333	14	16	22	494	484	497	892	835	970
36	33	52	265	267	304	23	30	20	450	505	481	785	848	870
33	30	47	223	275	293	21	23	32	487	560	469	781	898	865
31	35	55	243	254	289	17	13	21	485	549	556	791	858	939
19	41	58	323	266	346	19	27	19	510	477	497	891	833	944
508	444	669	3,040	3,292	3,530	230	252	262	5,373	5,675	5,589	9,475	10,067	10,265





Table No. 9.—DEATHS REGISTERED FROM SMALL-POX BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1936.

1	2												3			4		5	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.		Male.	Female.	Total.		
													Male.	Female.					Ratio of Deaths per 1,000 of Population.
Registration Circles.																		Mean ratio per 1,000 during previous five years.	
Kamayut	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
North Kemmaidine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
South Kemmaidine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Lannadaw	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Taroktan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
West Town	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
East Town	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Botataung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Pazundaung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Theinbyu East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Theinbyu West	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Tamwe	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Kokine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Dala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Kanaungto	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Cantonment	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Port	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Hospital and other Public Institutions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	1	2	6	6	1	..	1	..	1	2	1	..	7	14	21	0-03	0-11	0-05	0-39



Table No. 10.—DEATHS REGISTERED FROM MEASLES BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1936.

1 Registration Circles.	2												3			4			5 Mean ratio per 1,000 during previous five years.			
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of Deaths per 1,000 of Population.						
													Male.	Female.	Total.	Male.	Female.	Total.				
Kamayut ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
North Kemmaidine ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Kemmaidine ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lanmadaw ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Taroktan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
West Town ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
East Town ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Botataung ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pazundaung ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Theinbyu East ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Theinbyu West ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tamwe ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kokine ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dala ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kanaungto ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cantonment ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Port ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hospitals and other Public Institutions ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.004

Table No. 11.—DEATHS REGISTERED FROM PLAGUE BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1936.

1	2												3			4			5	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Male.	Female.	Total.	Male.	Female.	Total.		Mean ratio per 1,000 during previous five years.
	Registration Circles.																			
Kamayut	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
North Kemmaidine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
South Kemmaidine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Lannadaw	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Taroktan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
West Town	..	..	..	..	2	..	1	..	..	..	..	..	4	..	4	..	..	..	..12	
East Town	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Botataung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Pazundaung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Theinbyu East	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	..	..	..	
Theinbyu West	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Tamwe	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Kokine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Dala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Kanaungto	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Cantonment	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Port	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Hospitals and other Public Institutions	..	..	..	..	2	2	4	1	..	..	..	..	9	..	9	..	..	..	..	
<b>Total</b>	..	..	..	..	4	2	5	1	1	..	..	..	13	1	14	0-05	0-03	0-03	0-05	



Table No. 12.—DEATHS REGISTERED FROM ENTERIC FEVER BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1936.

1 Registration Circles.	2												3			4			5 Mean ratio per 1,000 during previous five years.	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Male.	Female.	Total.	Male.	Female.		Total.
Kamayut ..				1				1					1	1			2	09	13	11
North Kemmendine ..																				
South Kemmendine ..																				
Lanmadaw ..							1						1				1	06		04
Taroktan ..									1				3				3	12		09
West Town ..						1							2				2	06	15	05
East Town ..																	1			05
Botataung ..																				
Pazundaung ..																				
Theinbyu East ..																				
Theinbyu West ..																				
Tamwe ..																				
Kokine ..																				
Dala ..																				
Kanaungto ..																				
Cantonment ..																				
Port ..																				
Hospitals and other Public Institutions ..	6	2	2	4	1	2	5	6	6	6	6	6	36	15		51				
Total ..	6	2	2	5	1	3	5	11	5	7	9	6	44	18		62	016	014	015	014

Table No. 13.—DEATHS REGISTERED FROM CEREBRO-SPINAL MENINGITIS BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1936.

1	2												3			4			5
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Male.	Female.	Total.	Male.	Female.	Total.	
Registration Circles.																			
Kamayut	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
North Kemmendine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Kemmendine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lanmadaw	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Taroktan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
West Town	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
East Town	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Botataung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pazundaung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Theinbyu East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Theinbyu West	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tamwe	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kokine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kanaungto	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cantonment	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Port	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hospitals and other Public Institutions	..	..	..	1	..	1	..	..	..	..	1	1	4	..	..	..	4	..	..
<b>Total</b>	..	..	..	2	..	1	..	..	..	..	1	1	4	1	5	0-01	0-008	0-01	0-006





Table No. 15.—DEATHS REGISTERED FROM PUERPERAL SEPTICAEMIA BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1936.

1 Registration Circles.	2												3			4			5 Mean ratio per 1,000 during previous five years.	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Male.	Female.	Total.	Male.	Female.		Total.
Kamayut ..	1	..	1	1	1	..	..	..	..	..	..	..	2	..	..	2	..	..	..	.11
North Kemmendine ..	..	..	..	1	1	..	..	..	..	..	..	..	2	..	..	2	..	..	..	.08
South Kemmendine ..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	1	..	..	..	.03
Lanmadaw ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Taroktan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
West Town ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
East Town ..	..	..	..	1	..	..	..	..	..	..	..	1	3	..	..	3	..	..	..	.07
Botataung ..	..	..	..	1	..	..	..	..	..	..	2	..	1	..	1	..	..	..	..	.05
Pazundaung ..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..	.07
Theinbyu East ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Theinbyu West ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tamwe ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kokine ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dala ..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	.06
Kanaungto ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cantonment ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Port ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hospitals and other Public Institutions ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	..	1	2	3	1	..	..	1	2	1	1	12	..	12	12	..	0.09	0.03	0.05



Table No. 16.—DEATHS REGISTERED FROM MALARIAL FEVER BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1936.

1 Registration Circles.	2												3			4			5 Mean ratio per 1,000 during previous five years.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of Deaths per 1,000 of Population.			
													Male.	Female.	Total.		Male.	Female.	
Kamayut ..	1			1			2		1				4	1	5	.36	.13	.26	
North Kemmendine ..					1								4		4	.30		.16	
South Kemmendine ..			1		1		2					1	4	1	5	.21	.10	.17	
Lanmadaw ..																.06		.04	
Taroktan ..													3		3	.12		.09	
West Town ..	1							1					1	1	2	.03	.10	.05	
East Town ..	1												1		1	.07		.05	
Botataung ..									1				5	3	8	.26	.29	.27	
Pazundaung ..							1	2	1	1			3	1	4	.19	.09	.15	
Theinbyu East ..				1	1								3	1	4				
Theinbyu West ..													3	1	4				
Tamwe ..																		.03	
Kokine ..														1	1	.07	.07	.04	
Dala ..			2	2	1		2	1	1	1			9	4	13	.74	.81	.76	
Kanaungto ..					1		1						4		4	.37		.25	
Cantonment ..																			
Port ..																			
Hospitals and other Public Institutions ..	7	1	1	1	2	3	2	4	1	5	1	4	29	3	32				
<b>Total ..</b>	<b>12</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>7</b>	<b>3</b>	<b>10</b>	<b>8</b>	<b>5</b>	<b>9</b>	<b>3</b>	<b>13</b>	<b>69</b>	<b>15</b>	<b>84</b>	<b>0.25</b>	<b>0.12</b>	<b>0.21</b>	<b>0.27</b>

Table No. 17.—DEATHS REGISTERED FROM OTHER FEVERS INCLUDING INFLUENZA BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1936.

1	2												3			4			5		
	Registration Circles.	January	February	March	April	May	June	July	August	September	October	November	December	Male	Female	Total	Male	Female		Total	Mean ratio per 1,000 during previous five years.
		Ratio of Deaths per 1,000 of Population.																			
Kamayut	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
North Kemmendine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Kemmendine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lanmadaw	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Taroktan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
West Town	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
East Town	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..02
Botataung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pazundaung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Theinbyu East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Theinbyu West	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tamwe	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..03
Kokine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kanaungto	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cantonment	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Port	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hospitals and other Public Institutions	..	..	..	1	1	1	2	2	1	..	..	..	2	8	1	9	..	..	..	..	..
Total	..	..	..	1	1	1	2	1	2	1	..	1	2	9	2	11	0-03	0-02	0-03	0-18	



Table No. 17 A.—DEATHS REGISTERED FROM INFLUENZA BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1936.

1	2												3			4			5		
	Registration Circles.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Male.	Female.	Total.	Male.	Female.		Total.	Mean ratio per 1,000 during previous five years.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.								
Kamayut	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
North Kemmendine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Kemmendine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lamamadaw	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Taroktan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
West Town	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
East Town	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Botataung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pazundaung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Theinbyu East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Theinbyu West	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tamwe	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kokine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kanaungto	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cantonment	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Port	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hospitals and other Public Institutions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	..	..	2	1	1	..	..	1	..	3	2	5	0-01	0-02	0-01	0-01	0-01

Table No. 18.—DEATHS REGISTERED FROM DIARRHOEA AND DYSENTERY BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1936.

1 Registration Circles.	2												3			4			5 Mean ratio per 1,000 during previous five years.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.						
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Total.				
Kamayut ..	2	3	4	2	2	7	11	9	2	3	..	2	26	21	47	2.33	2.67	2.47	
North Kemmendine ..	4	..	3	3	2	5	4	6	3	3	4	3	21	19	40	1.59	1.71	1.64	
South Kemmendine ..	1	1	..	..	1	4	2	4	2	2	2	16	10	16	26	.52	1.60	.89	
Lanmadaw ..	..	..	..	..	..	..	3	..	1	1	1	2	4	2	6	.31	.28	.30	
Taroktan ..	..	1	..	1	..	1	..	1	1	1	..	5	1	5	6	.06	.61	.25	
West Town ..	..	1	1	1	..	1	2	4	3	..	2	6	12	9	21	.48	1.26	.65	
East Town ..	2	1	4	3	4	1	2	2	1	1	1	12	12	11	23	.38	1.11	.55	
Botataung ..	2	1	..	3	1	..	1	..	..	..	1	4	4	5	9	.30	.75	.45	
Pazundaung ..	5	5	4	5	7	..	6	7	6	4	3	2	30	29	59	1.54	2.84	1.99	
Theinbyu East ..	4	3	1	4	4	7	14	4	2	2	6	2	33	32	65	2.11	2.95	2.45	
Theinbyu West ..	4	3	..	3	2	2	5	11	1	1	5	6	22	21	43	1.67	3.07	2.15	
Tamwe ..	5	7	5	8	3	3	11	9	8	7	7	5	36	40	76	1.66	2.85	2.12	
Kokine ..	1	3	..	4	1	..	7	5	3	3	7	3	20	16	36	1.40	2.01	1.62	
Dala ..	3	2	1	3	2	3	7	5	2	2	2	5	23	14	37	1.90	2.85	2.17	
Kanaungto ..	..	1	..	..	2	..	..	..	..	..	..	..	..	3	3	..	.60	.19	
Cantonment ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	2.49	1.38	
Port ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Hospitals and other Public Institutions ..	12	7	15	7	13	15	21	17	16	16	14	17	133	37	170	..	..	..	
<b>Total ..</b>	<b>45</b>	<b>39</b>	<b>38</b>	<b>47</b>	<b>44</b>	<b>54</b>	<b>96</b>	<b>94</b>	<b>52</b>	<b>47</b>	<b>55</b>	<b>58</b>	<b>388</b>	<b>281</b>	<b>669</b>	<b>1.43</b>	<b>2.17</b>	<b>1.67</b>	<b>1.29</b>









Table No. 21.—DEATHS REGISTERED FROM INJURIES BY REGISTRATION CIRCLES DURING EACH MONTH OF THE YEAR 1936.

1 Registration Circles.	2												3			4			5
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of Deaths per 1,000 of Population.	Mean ratio per 1,000 during previous five years.		
													Male.	Female.	Total.			Male.	Female.
Kamayut	1	..	..	..	..	..	..	..	1	..	2	..	3	1	4	.27	.13	.21	
North Kemmendine	..	..	..	..	..	..	..	..	..	1	..	..	1	1	1	.08	..	.04	
South Kemmendine	..	1	..	..	..	..	..	..	..	..	..	..	1	1	2	.05	.10	.07	
Lanmadaw	..	1	..	..	..	..	..	..	..	..	..	..	1	1	1	.08	..	.05	
Taroktan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
West Town	1	..	..	..	..	..	..	..	..	..	..	..	1	1	1	.04	..	.03	
East Town	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Botataung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pazundaung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Theinbyu East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Theinbyu West	..	1	..	..	..	..	..	..	1	..	..	..	3	..	3	.19	..	.11	
Tamwe	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kokine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dala	1	..	..	..	..	..	..	..	..	..	..	..	1	1	1	.08	..	.06	
Kanaungto	1	..	..	1	..	..	..	..	..	..	..	..	2	2	2	.19	..	.13	
Cantoarment	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Port	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hospitals and other Public Institutions	15	19	28	18	29	19	12	22	19	31	17	18	220	27	247	..	..	..	..
<b>Total</b>	19	22	28	19	29	19	12	22	20	32	21	19	233	29	262	0.86	0.22	0.65	0.62





Table No. 23.—DEATHS FROM DIARRHOEA AND DYSENTERY REGISTERED ACCORDING

1		2				
	Population according to Census of 1931.					
Registration Circles.	Christians.	Hindus.	Moham- medans.	Buddhists.	Other classes.	Total.
Kamayut .. ..	553	4,223	1,555	11,858	830	19,019
North Kemmendine ..	2,224	3,518	1,903	16,412	290	24,347
South Kemmendine ..	4,480	9,709	3,147	10,285	1,490	29,111
Lanmadaw .. ..	431	5,860	1,425	10,927	1,289	19,932
Taroktan .. ..	369	3,905	1,455	6,692	11,317	23,738
West Town .. ..	721	12,974	15,497	2,058	993	32,243
East Town .. ..	5,949	19,671	10,813	3,960	1,460	41,853
Botataung .. ..	2,993	8,389	3,255	4,599	846	20,082
Pazundaung .. ..	938	13,069	5,413	9,435	777	29,632
Theinbyu East .. ..	2,830	8,402	5,023	9,824	425	26,504
Theinbyu West .. ..	2,934	7,973	3,104	5,598	399	20,008
Tamwe .. ..	1,571	11,180	5,752	16,766	479	35,778
Kokine .. ..	2,353	5,998	2,436	10,683	783	22,253
Dala .. ..	344	7,672	2,256	6,434	340	17,046
Kanaungto .. ..	139	7,431	1,985	5,944	317	15,816
Cantonment .. ..	480	600	265	83	20	1,448
Hospitals and other Public Institutions .. ..	1,579	10,372	5,477	3,908	314	4,322
Port (Travellers) .. ..	..	..	..	..	..	16,841
Railways (Travellers) .. ..	..	..	..	..	..	422
Total .. ..	30,888	1,40,901	70,791	1,35,466	22,369	4,00,415

TO CLASS BY REGISTRATION CIRCLES DURING 1936.

3											4										
Number of deaths registered.											Ratio of deaths per 1,000 of population.										
Christians.		Hindus.		Moham-medans.		Budd-hists.		Other classes.		Total.	Christians.		Hindus.		Moham-medans.		Budd-hists.		Other classes.		Total.
Diarrhoea.	Dysentery.	Diarrhoea.	Dysentery.	Diarrhoea.	Dysentery.	Diarrhoea.	Dysentery.	Diarrhoea.	Dysentery.		Diarrhoea.	Dysentery.	Diarrhoea.	Dysentery.	Diarrhoea.	Dysentery.	Diarrhoea.	Dysentery.	Diarrhoea.	Dysentery.	
..	1	7	6	..	1	18	11	3	..	47	..	1.81	1.66	1.42	..	.64	1.52	.93	3.61	..	2.47
2	1	..	1	4	1	22	9	..	..	40	.90	.45	..	.28	2.10	.53	1.34	.55	..	..	1.64
1	1	3	3	..	3	7	6	2	..	26	.22	.22	.31	.31	..	.95	.68	.58	1.34	..	.89
..	..	2	..	..	..	1	2	1	..	6	..	..	.34	..	..	..	.09	.18	.78	..	.30
1	..	1	..	1	..	..	..	2	1	6	2.71	..	.26	..	.69	..	..	..	.18	.09	.25
1	..	3	6	6	2	..	1	1	1	21	1.39	..	.23	.46	.39	.13	..	.49	1.01	1.01	.65
1	..	13	4	1	2	1	1	..	..	23	.17	..	.66	.20	.09	.18	.25	.25	..	..	.55
..	..	3	1	1	1	1	1	1	..	9	..	..	.36	.12	.31	.31	.22	.22	1.18	..	.45
3	1	22	7	12	2	9	3	..	..	59	3.20	1.07	1.68	.54	2.22	.37	.95	.32	..	..	1.99
5	2	20	7	15	4	8	4	..	..	65	1.77	.71	2.38	.83	2.99	.80	.81	.41	..	..	2.45
9	11	7	5	6	1	3	1	..	..	43	3.07	3.75	.88	.63	1.93	.32	.54	.18	..	..	2.15
2	..	16	22	7	6	11	12	..	..	76	1.27	..	1.43	1.97	1.22	1.04	.66	.72	..	..	2.12
2	1	6	6	3	3	8	7	..	..	36	.85	.42	1.00	1.00	1.23	1.23	.75	.66	..	..	1.62
..	..	4	9	1	3	11	9	..	..	37	..	..	.52	1.17	.44	1.33	1.71	1.40	..	..	2.17
1	..	1	..	..	..	1	..	..	..	3	7.19	..	.13	..	..	..	.17	..	..	..	.19
1	..	..	1	..	..	..	..	..	..	2	2.08	..	..	1.67	..	..	..	..	..	..	1.38
5	4	31	60	5	14	13	35	2	1	170	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
34	22	139	138	62	43	114	102	12	3	669	1.10	.71	.99	.97	.88	.61	.85	.75	.54	.13	1.67



Table No. 24.—SHOWING THE NUMBER OF DEATHS FROM CANCER ACCORDING TO SEX AND BY RACES AND AGE GROUPS. DURING 1936.

Races.	Less than 25 years.		25—30		30—35		35—40		40—45		45—50		50—55		55—60		60—65		65—70		70—75		75—80		80 and over.		Total.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Burmese	..	1	2	1	..	..	1	2	..	1	3	2	2	2	2	4	..	2	1	2	1	1	..	..	2	..	16	21	37
Hindus ..	..	..	..	..	1	2	..	1	3	3	..	1	1	1	..	1	..	..	..	..	..	..	..	..	..	..	10	6	16
Mohammedans	..	1	..	1	..	1	..	..	1	1	..	..	3	1	1	..	..	..	..	..	..	1	..	..	..	10	4	14	
Chinese ..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	3	2	5	
Europeans, etc.	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	
Anglo-Indians	..	..	1	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1	..	4	4	8	
Other Classes	..	..	1	..	..	..	1	..	..	..	..	..	..	1	1	2	..	..	..	..	1	1	..	..	..	1	6	7	
<b>Total</b> ..	2	5	2	1	4	3	4	3	5	4	5	5	9	7	4	3	6	7	2	1	2	1	3	..	1	3	45	44	89

Table No. 25.—SHOWING THE NUMBER OF DEATHS FROM CANCER ACCORDING TO RACES, SEX AND PARTS OF THE BODY AFFECTED DURING THE YEAR 1936.

Parts of the body affected.	Burmese.		Hindus.		Mohammedans.		Chinese.		Europeans, etc.		Anglo-Indians.		Other Classes.		Total.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Ear ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Anus ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Abdomen ..	1	2	1	..	..	..	..	..	..	..	..	..	..	..	4	3	7
Bladder ..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	3
Cheek ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
Neck ..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	1	3
Tongue ..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	1	2
Throat ..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
Pharynx ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Breast ..	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	2	6
Stomach ..	2	1	2	..	..	..	..	..	1	..	..	..	..	..	8	2	10
Liver ..	3	2	4	..	..	..	1	..	..	..	..	..	..	..	9	3	12
Cervix ..	..	2	..	4	..	..	..	..	..	..	..	..	..	..	..	6	6
Uterus ..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	5	5
Lung ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Caecum ..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	2	1	3
Pelvis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Prostate ..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Womb ..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Ovary ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Mouth ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Lip ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Oesophagus ..	1	2	..	..	1	..	..	..	..	..	..	..	..	..	2	2	4
Gastric tumour ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Malignant tumour ..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Parts not known ..	1	..	..	..	1	3	..	1	..	..	..	..	..	..	4	5	9
Total ..	17	20	10	6	9	5	3	2	1	1	1	4	4	6	45	44	89



Table No. 26.—SHOWING DEATHS FROM CANCER BY OCCUPATION AND PARTS OF THE BODY AFFECTED DURING THE YEAR 1936.

Parts of the body affected.	Engineer.	Trader.	Broker.	Cook.	Cooly.	Farmer.	Artist.	Tailor.	Literate pro- fession.	Others (without occu- pation.)	Total.
Ear	..	..	..	..	..	1	..	..	..	..	1
Anus	..	..	..	..	..	..	..	..	..	1	1
Abdomen	..	..	..	..	..	..	..	1	..	3	7
Bladder	..	..	..	..	..	1	..	..	..	2	3
Cheek	..	..	..	..	..	..	..	..	..	2	3
Neck	..	..	..	..	..	..	..	..	..	2	3
Tongue	..	1	..	..	..	..	..	..	..	2	2
Throat	..	..	..	..	..	..	..	..	..	1	2
Pharynx	..	..	..	..	..	..	..	..	..	1	1
Breast	..	1	..	..	..	..	..	..	..	1	1
Stomach	..	1	..	..	..	2	1	..	3	5	6
Liver	..	..	..	..	1	..	..	..	3	7	10
Cervix	..	..	1	..	..	..	..	..	3	6	12
Uterus	..	..	..	..	..	..	..	..	..	6	6
Lung	..	..	..	..	..	..	..	..	..	4	5
Caecum	..	..	..	..	..	..	..	..	1	..	1
Pelvis	..	..	..	..	..	..	..	..	1	..	1
Prostate	..	..	..	..	..	..	..	..	..	2	4
Womb	..	..	..	..	..	..	..	..	..	1	1
Ovary	..	..	..	..	..	..	..	..	..	2	2
Mouth	..	..	..	..	..	..	..	..	..	1	1
Lip	..	..	..	..	..	..	..	..	..	1	1
Oesophagus	..	..	..	..	..	..	..	..	..	1	1
Gastric tumour	..	..	..	..	..	..	..	..	..	3	4
Malignant tumour	..	..	..	..	..	..	..	..	1	..	1
Parts not known	1	..	..	..	..	1	..	..	2	5	9
Total	1	3	1	1	4	6	1	1	14	57	89

**Table No. 27.—SHOWING IMMIGRANTS AND EMIGRANTS FOR THE PORT OF RANGOON FOR THE YEAR 1936.**

Arrival.			Departure.					
Departmental figures from all Ports.			Departmental figures to Foreign Ports.			Shipping Companies' figures to Indian Ports.		
Adults.	Minors.	Total.	Adults.	Minors.	Total.	Adults.	Minors.	Total.
2,21,510	19,369	2,40,879	14,472	1,685	16,157	1,85,057	8,778	1,93,835
<i>Deduct through Passengers.</i>			<i>Deduct through Passengers.</i>			<i>Deduct through Passengers.</i>		
15,285	1,209	16,494	7,829	667	8,496	7,112	343	7,455
<i>Deduct Arracan Coast Passengers.</i>						<i>Deduct Arracan Coast Passengers.</i>		
6,528	598	7,126				612	329	6,456
			<u>Figures Arrived at after Deduction</u>					
1,99,697	17,562	2,17,259	6,643	1,018	7,661	1,71,818	8,106	1,79,924
<b>SUMMARY.</b>								
Total Immigrants to Rangoon.			Total Immigrants to Rangoon.			Total Emigrants from Rangoon.		
Adults.	Minors.	Total.	Adults.	Minors.	Total.	Adults.	Minors.	Total.
1,99,697	17,562	2,17,259	1,78,461	9,124	1,87,585			



**Table No. 28.**—*Showing deaths from Tubercle of Lung by occupation and by months during 1936.*

Occupation.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Seller, Trader or Shop-keeper .. .. .	9	10	6	6	6	13	9	15	8	4	8	6	100
Clerk .. .. .	2	1	7	4	5	3	1	5	4	1	..	6	39
Tailor .. .. .	3	1	..	..	1	2	1	..	3	1	2	2	16
Teacher .. .. .	..	..	1	..	..	..	..	..	1	..	..	..	2
Carpenter .. .. .	1	1	5	1	3	4	5	2	1	2	1	2	28
Gold-smith .. .. .	2	..	..	1	1	3	1	..	4	2	3	..	17
Painter .. .. .	..	..	..	..	..	1	..	..	1	..	..	..	2
Cultivator .. .. .	..	..	1	..	2	..	..	..	..	1	..	1	5
Cooly .. .. .	9	9	9	10	16	14	21	13	4	11	10	13	139
Cook .. .. .	..	..	..	1	..	..	..	..	1	1	3	3	9
Dancer .. .. .	..	..	..	..	..	1	..	1	..	1	..	..	3
Boatman .. .. .	..	..	..	..	..	1	1	..	1	..	..	..	3
Phongyi .. .. .	..	..	2	2	..	1	..	..	1	..	2	3	11
Milkman .. .. .	..	..	..	1	..	..	..	..	..	1	..	..	2
Gardener .. .. .	..	..	..	1	..	1	3	..	..	1	..	2	8
Durwan .. .. .	..	..	..	..	..	2	2	..	..	1	2	1	8
Student .. .. .	2	1	1	..	2	1	..	..	..	1	..	1	9
Prisoner .. .. .	1	..	..	1	..	..	1	1	1	..	1	1	7
Driver .. .. .	1	1	..	..	..	3	2	1	..	1	..	..	9
Police .. .. .	1	..	1	..	1	..	1	..	1	1	1	..	7
Stone Polisher .. .. .	..	1	1	..	1	..	..	..	..	..	..	..	3
Land-owner .. .. .	..	1	..	..	..	..	..	..	..	..	..	..	1
Electrician .. .. .	..	2	..	..	..	1	..	..	1	1	..	..	5
Broker .. .. .	..	1	..	..	..	2	..	..	..	..	..	1	4
Contractor .. .. .	..	1	..	..	2	..	..	..	..	1	..	1	5
Doctor .. .. .	..	1	..	..	1	..	..	..	..	..	..	..	2
Engineer .. .. .	..	..	..	..	1	..	..	..	..	..	..	..	1
Shoemaker .. .. .	..	..	..	..	..	1	1	..	..	1	..	..	3
Beggar .. .. .	..	..	..	..	..	..	..	..	..	..	3	..	3
Rickshaw Puller .. .. .	..	..	..	..	..	..	..	..	..	1	..	1	2
Others (without occupation)	53	48	49	40	35	33	51	64	66	42	42	60	583
Total .. .. .	84	79	83	68	77	87	100	102	98	76	78	104	1,036

**Table No. 29—SHOWING GRADES OF INCOME OF TUBERCULOSIS PATIENTS WHOSE HOMES WERE VISITED.**

Grades of Income in Rupees.	Europeans and Anglo- Indians.		Burmese.		Chinese.		Moham- medans.		Hindus.		Other classes.		Total.	
	No.	Per- centage.	No.	Per- centage.	No.	Per- centage.	No.	Per- centage.	No.	Per- centage.	No.	Per- centage.		
														No.
10—14	..	..	3	.82	..	..	8	2.20	9	2.46	..	..	20	5.48
15—19	..	..	5	1.37	7	1.92	16	4.38	22	6.03	..	..	50	13.70
20—24	..	.27	17	4.66	8	2.19	12	3.29	20	5.48	..	..	58	15.89
25—34	..	1.10	15	4.11	11	3.01	16	4.38	22	6.03	..	..	68	18.63
35—49	..	..	10	2.74	1	.28	1	.27	10	2.74	..	..	22	6.03
50—59	..	.82	15	4.11	4	1.10	5	1.37	8	2.19	..	..	35	9.59
60—99	..	1.37	22	6.03	1	.27	3	.82	13	3.56	..	..	44	12.05
100—149	..	1.92	16	4.38	1	.27	5	1.37	7	1.92	..	..	36	9.86
150—199	..	1.09	2	.55	2	.55	..	..	4	1.10	..	..	12	3.29
200—299	..	..	8	2.19	..	..	1	.27	..	..	..	..	9	2.46
300—399	..	.55	2	.55	..	..	..	..	..	..	..	..	4	1.10
400 and over	..	.55	3	.82	..	..	2	.55	..	..	..	..	7	1.92
<b>Total</b>	<b>..</b>	<b>7.67</b>	<b>118</b>	<b>32.33</b>	<b>35</b>	<b>9.59</b>	<b>69</b>	<b>18.90</b>	<b>115</b>	<b>31.51</b>	<b>..</b>	<b>..</b>	<b>365</b>	<b>100.00</b>



СРЕДНЕЕ ЧИСЛО РАБОТНИКОВ НА ПЛОЩАДЬ

Лет	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	
	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118
400 итд. итд.	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
300—400	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
500—600	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
120—100	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
100—140	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
60—80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30—20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
32—10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
52—24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30—34	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12—10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10—14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Income in Rubles  
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Table No. 30 - Statistical Study of Income of Laborers in Various Types of Homes Here Listed

Table No. 30.—SHOWING NUMBER OF BURIALS AND CREMATIONS THAT TOOK PLACE IN DIFFERENT CEMETERIES DURING THE YEAR 1936.

Serial No.	Names of Burial and Burning Grounds.	No. of Burial passes issued.	No. of passes collected (including old and those brought from outside).
1	Ayeywa Cemetery, near Jamal's land, Kemmendine ..	22	22
2	Seikkyi Cemetery, Kemmendine .. ..	18	18
3	Municipal Cemetery, Hanthawaddy Road .. ..	3,435	3,475
4	Karen Cemetery, Bagaya Road .. ..	39	40
5	Bhugwandass Cremation Ground, Hteedan .. ..	433	439
6	Armenian Cemetery, Stockade Road .. ..	5	5
7	Baptist Cemetery, Montgomery Street .. ..	35	36
8	Parsee Cemetery, U Ohn Ghine Road .. ..	13	13
9	Jewish Cemetery, U Ohn Ghine Road .. ..	15	15
10	Mogul Cemetery, U Ohn Ghine Road .. ..	22	22
11	Cantonese Cemetery, Tamwe Road .. ..	231	239
12	Fukkinese Cemetery, Tamwe Road .. ..	36	37
13	Municipal Cemetery, Tamwe .. ..	4,343	4,568
14	Suratee Mohamedan Cemetery, Tamwe .. ..	1,114	1,132
15	Patheingyi Cemetery, Dawbong .. ..	3	3
16	Arracan Cemetery, Dawbong .. ..	108	108
17	Steels Cemetery, Dawbong .. ..	4	4
18	Ayeywa Cemetery, Dawbong .. ..	..	..
19	Dalla Cemetery, Dalla .. ..	132	132
20	Hindu Cremation Ground, Dalla .. ..	77	77
21	Burmese Cemetery, Kamakasit East .. ..	21	21
22	Burmese Cemetery, Kamakasit West .. ..	35	35
23	Angyi Cemetery, Angyi Dalla .. ..	43	43
24	Myinywa Seikkyi Cemetery, Dalla .. ..	26	26
25	Seikkyi Cemetery, Kanaungto .. ..	176	176
26	Sunni Mohamedan Cemetery, Seikkyi .. ..	17	19
27	Burmese Cemetery, North Kanaungto .. ..	73	74
28	Mohamedan Cemetery, North Kanaungto .. ..	11	11
29	Cantonment Cemetery .. ..	26	26
30	Kamayut Cemetery, Kamayut .. ..	87	88
31	Old Baptist Cemetery at Kyandaw, Kemmendine .. ..	..	1
32	Eastern Slopes of Shwedagon Pagoda (Cremations) .. ..	3	1
33	Old Burmese Kyandaw Cemetery .. ..	1	1
34	Precincts of Kodatgyi Pagoda, Bagaya Phongyi Road .. ..	1	1
35	Cremation in the East Kamakasit Burial Ground, Dalla .. ..	1	..
36	Old Chittagonian Cemetery (closed) Stockade Road .. ..	1	1
37	In Fields nearby Sinhalaik Ywathet Kyaung .. ..	1	1
38	Patheinmye Cemetery, Dawbong .. ..	2	2
39	Ngadatgyi Kyaung, Compound .. ..	1	1
40	Ngadatgyi Kyaung, U Ganda Monastery .. ..	1	1
41	Zayat Compound, at Gyatawya Road, Bahan .. ..	1	1
42	Closed Burmese Cemetery, at Tamwe .. ..	1	1
43	Kyandaw Cemetery, Kemmendine .. ..	1	1
44	Removed to outside Corporation Limits .. ..	80	..
45	In Mortuary, Medical School, Medical College, etc. .. ..	156	..
	Total ..	10,851	10,917

No. of passes remained pending at the end of last year .. 55  
 Total No. of deaths during the year .. 10,265  
 Total No. of Still births during the year .. 586  
 No. of dead bodies brought from outside Corporation Limits .. 101  
 Total .. 11,007

Total No. of passes collected .. 10,917  
 No. of dead bodies removed to outside Corporation Limits .. 80  
 No. of passes remained pending at the end of the year .. 10  
 Total .. 11,007



Table No. 38.—SHOWING NUMBER OF BURIALS AND CREMATIONS THAT TOOK PLACE IN DIFFERENT CEMETERIES DURING THE YEAR 1935.

Serial No.	Name of Burial and Burning Grounds.	No. of Burial passes issued.	No. of passes collected (including old and those brought from outside).
1	Ayeyar Cemetery, near Jamal's land, Kammendine	22	22
2	Bekayi Cemetery, Kammendine	18	18
3	Municipal Cemetery, Hantawady Road	2,422	2,472
4	Karee Cemetery, Hgaya Road	39	40
5	Blackwashed Cremation Ground, Hteedan	433	430
6	Armenian Cemetery, Stockade Road.	2	2
7	Baptist Cemetery, Montgomery Street	35	36
8	Parsee Cemetery, H Onn Ghine Road	13	13
9	Jewish Cemetery, H Onn Ghine Road	15	15
10	Mogul Cemetery, H Onn Ghine Road	22	22
11	Cantonese Cemetery, Tanwe Road	231	230
12	Polish Cemetery, Tanwe Road	36	37
13	Municipal Cemetery, Tanwe	4,315	4,308
14	Burial Mahomedan Cemetery, Tanwe	1,114	1,132
15	Patheingyi Cemetery, Dawbong	3	3
16	Armenian Cemetery, Dawbong	108	108
17	Shih Cemetery, Dawbong	3	4
18	Ayeyar Cemetery, Dawbong	1	1
19	Dalla Cemetery, Dalla	132	132
20	Hindu Cremation Ground, Dalla, Kammendine	77	77
21	Burmes Cemetery, Kamahat East	21	21
22	Burmes Cemetery, Kamahat West	35	35
23	Angyi Cemetery, Angyi Dalla	43	43
24	Miyayaw Sakhay Cemetery, Dalla	26	26
25	Bekayi Cemetery, Kammendine	176	174

### Maternity and Infant Welfare Centres.

**Table No. 1.**—SHOWING WORK DONE BY THE MEDICAL OFFICERS, MATERNITY AND INFANT WELFARE CENTRES DURING THE YEAR 1936.

Months.	No. of home visits paid for Infant Welfare work.	No. of home visits paid for Post-Natal work.	No. of home visits paid for Ante-Natal work.	ENQUIRIES.				No. of Pupils examined in Municipal Schools.
				No. of Infantile deaths.	No. of Still-births.	No. for Puerperal Fever.	No. for Ophthalmic cases.	
January ..	188	122	121	59	10	..	1	31
February ..	225	117	156	73	8	..	..	24
March ..	191	157	149	76	7	..	3	16
April ..	154	90	107	65	11	2	2	..
May ..	223	171	92	73	4	4	..	..
June ..	166	92	68	70	7	1	1	..
July ..	148	108	93	83	8	..	..	19
August ..	145	88	120	94	10	..	..	35
September ..	129	94	85	93	13	..	..	36
October ..	110	85	64	87	12	..	..	27
November ..	154	104	82	99	7	1	..	45
December ..	154	105	71	102	3	..	..	99
<b>Total ..</b>	<b>1,987</b>	<b>1,333</b>	<b>1,208</b>	<b>974</b>	<b>100</b>	<b>8</b>	<b>7</b>	<b>332</b>



Table No. 2.—SHOWING WORK DONE BY THE LADY HEALTH VISITORS DURING THE YEAR 1936.

Months.	Home visiting.										Enquiries.					Centre attendance.				
	Ante-Natal 1st visit.	Ante-Natal re-visits.	Post-Natal 1st visits.	Post-Natal re-visits.	Infants, 1st visits.	Infants, re-visits.	Toddlers, 1st visits.	Toddlers, re-visits.	Friendly visits.	No. for Infantile deaths.	No. for Still-births.	No. for Puerperal Fever.	No. for Ophthalmia cases.	Ante-Natal 1st visits.	Ante-Natal re-visits.	Infants, 1st visits.	Infants, re-visits.	Toddlers, 1st visit.	Toddlers, re-visits.	
January	171	336	324	71	405	2,887	46	287	143	71	9	..	..	69	24	272	227	31	13	
February	177	253	251	52	358	2,621	49	236	123	68	9	..	3	72	70	151	280	19	15	
March	209	344	299	54	539	3,182	56	184	225	93	11	..	4	80	58	153	258	4	18	
April	152	254	271	44	311	2,520	39	116	191	71	16	2	2	56	46	110	281	5	14	
May	210	320	303	68	481	3,265	84	169	210	77	6	3	..	49	51	158	293	22	4	
June	200	388	262	63	409	3,434	55	154	177	77	10	..	1	99	59	160	285	10	20	
July	178	428	332	59	406	3,638	46	180	143	97	15	..	..	90	74	141	350	8	6	
August	191	412	314	49	393	3,867	100	112	198	108	9	..	..	115	108	147	277	15	16	
September	156	397	326	49	428	3,929	92	134	211	102	15	..	..	85	69	119	290	6	23	
October	234	324	373	64	524	3,995	71	145	346	83	12	..	1	75	51	155	298	17	29	
November	181	457	380	77	483	4,591	27	120	227	115	7	2	1	93	82	101	284	12	16	
December	99	296	282	90	360	3,800	47	69	204	96	5	..	..	50	62	97	258	9	19	
Total	2,158	4,209	3,717	740	5,097	41,729	712	1,906	2,398	1,058	124	7	12	933	754	1,765	3,481	158	203	

**Table No. 3.**—Statement showing the number of infants who were under the care of the Lady Health Visitors during the year and the number of deaths amongst such infants and their mortality rate.

Clinics.	Total number of infants on the register.	No. of infants shifted to unknown address during the year.	No. of infants not traceable.	No. of infants who came to the clinic from areas not served by the Municipal L.H.Vs.	Total No. of infants under care of the L.H.Vs. throughout the year.	No. of deaths among infants under care of the L.H.Vs.	Infantile mortality rate per 1,000 of infants under care of the L.H.Vs.
Theinbyu Clinic ..	2,016	146	183	69	1,618	233	144.00
Thompson Street Clinic ..	1,367	336	113	63	855	116	135.67
Bagaya Phongyi Road Clinic.	1,296	242	40	9	1,005	150	149.25
Ahlonge Clinic ..	1,694	288	97	5	1,304	199	152.60
Total ..	6,373	1,012	433	146	4,782	698	145.96



Table No. 3.—Statement showing the number of patients who were under the care of the Lady Health Visitors during the year and the number of deaths amongst such patients and their mortality rate.

Month	Number of patients under the care of the Lady Health Visitors	Number of deaths amongst such patients	Mortality rate per cent
January	110	1	0.9
February	120	2	1.6
March	130	3	2.3
April	140	4	2.8
May	150	5	3.3
June	160	6	3.7
July	170	7	4.1
August	180	8	4.4
September	190	9	4.7
October	200	10	5.0
November	210	11	5.2
December	220	12	5.4
Total	2,180	110	5.0

Number of patients under the care of the Lady Health Visitors during the year and the number of deaths amongst such patients and their mortality rate.

SANITARY.

Table No. 1.—SHOWING NUMBER OF BLOCKAGES CLEARED DURING THE YEAR 1936.

Division.	Circle.	BLOCKAGES IN							CLEARED BY																				
									Inspector.							Owners.							Corporation Plumber.						
		Water Closets.	Sullage Trays.		Manhole.	Downtake Sullage and Rainwater Pipes.	Soil Pipes.	Other Blockages.	Water Closets.	Sullage Trays.		Manhole.	Downtake Sullage and Rainwater Pipes.	Soil Pipes.	Other Blockages.	Water Closets.	Sullage Trays.		Manhole.	Downtake Sullage and Rainwater Pipes.	Soil Pipes.	Other Blockages.	Water Closets.	Sullage Trays.		Manhole.	Downtake Sullage and Rainwater Pipes.	Soil Pipes.	Other Blockages.
			Deep.	Surface.						Deep.	Surface.						Deep.	Surface.						Deep.	Surface.				
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7		
East Town Division.	East Town (I)	16	41	3,226	40	38	1	..	..	3,226	1	..	..	..	15	37	..	38	37	1	..	1	4	..	1	1	..	..	
	East Town (II)	9	63	2,352	43	50	4	..	..	2,352	..	..	..	..	9	62	..	43	48	4	..	..	1	..	..	2	..	..	
	East Town (III)	27	392	2,515	74	32	2	..	..	2,515	..	..	..	..	23	385	..	70	32	2	..	4	7	..	4	..	..	..	
	Pazundaung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Botataung	115	933	1,865	65	5	..	..	..	1,865	..	..	..	..	115	933	..	65	5	..	..	..	..	..	..	..	..	..	..
	Total	167	1,429	9,958	222	125	7	..	..	9,958	1	..	..	162	1,417	..	216	122	7	..	5	12	..	5	3	..	..	..	
East Suburban Division.	Theinbyu East	..	4	1,298	31	8	..	..	..	1,298	..	..	..	..	..	1	..	25	7	..	..	..	3	..	6	1	..	..	
	Theinbyu West	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Tamwe (I)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tamwe (II)	1	..	473	9	..	..	..	..	473	..	..	..	..	..	..	..	7	..	..	..	1	..	..	2	..	..	..	..
	Kokine (I)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total	1	4	1,771	40	8	..	..	1,771	..	..	..	..	..	1	..	32	7	..	..	1	3	..	8	1	..	..	..	
West Town Division.	West Town (I)	15	78	3,224	55	27	5	..	..	3,224	..	..	..	..	15	75	..	54	26	5	..	..	3	..	1	1	..	..	
	West Town (II)	..	..	2,484	..	..	..	..	..	2,484	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Taroktan	14	180	3,762	115	52	7	..	..	3,762	..	..	..	..	14	164	..	106	49	7	..	..	16	..	9	3	..	..	
	Lanmadaw	13	94	4,051	92	9	7	..	..	4,051	..	..	..	..	12	87	..	75	9	7	..	1	7	..	17	..	..	..	
	Dalla	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total	42	352	13,521	262	88	19	..	..	13,521	..	..	..	..	41	326	..	235	84	19	..	1	26	..	27	4	..	..	
West Suburban Division.	Kamayut	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	North Kemmendine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	South Kemmendine	1	117	760	19	..	..	..	..	760	..	..	..	..	1	117	..	16	..	..	..	..	..	..	3	..	..	..	
	Kokine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Kanaungto	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total	1	117	760	19	..	..	..	760	..	..	..	..	1	117	..	16	..	..	..	..	..	..	..	3	..	..	..	
	Grand Total	211	1,902	26,010	543	221	26	..	..	26,010	1	..	..	..	204	1,861	..	499	213	26	..	7	41	..	43	8	..	..	





Table No. 2.—SHOWING NUMBER OF NOTICES ISSUED AND SERVED UNDER THE DIFFERENT SECTIONS OF THE CITY OF RANGOON MUNICIPAL ACT, 1922, DURING THE YEAR 1935.

Divisions.	Circle.	NOTICES SERVED UNDER.																												TOTAL.									
		Sections.					Sch. II. Chap. 1.				Sch. II. Ch. VII.		Sch. II. Ch. VIII.	Sch. II. Ch. VIII A.					Sch. II. Ch. IX A.		Sch. II. Ch. XII.			Sch. II. Ch. XIII.		Sch. II. Ch. XVII.	Milk bye-laws.	Ice & aerated water bye-laws.	Sherbets and Ice-cream bye-laws.		Sec. 179 (1).	X.	XIII B. 3.	Market bye-laws.					
		123.	124.	156 (I).	156 (G).	182.	Rule 1.	Rule 2.	Rule 25.	Rule 27 (a).	Rule 20.	Rule 12.	Rule 2 (a).	Rule (2).	Rule 1 (b).	Rule 1.	Rule 2.	Rule 3.	Rule 4.	Rule 5.	Rules 7 & 8.	Rule 1.	Rule 7.	Rule 4.	Rule 6.	Rules 10, 11 & 12.	Rules 13 & 14.	Rule 1.	Rules 10 to 19.		Rules 20 & 21.	Sch. II Ch. XV.	Sch. II. Ch. XVII. Food bye-laws.	Milk bye-laws.	Ice & aerated water bye-laws.	Sherbets and Ice-cream bye-laws.	Sec. 179 (1).	X.	XIII B. 3.
East Town Division.	East Town (I)	4	1	13	310	43	10	319	17	62	270	195	2	79	31	41	56	110	13	49	123	7	51	5	63	54	5	123	145	10	3	15	269	10	3	16	1,436		
	East Town (II)	4	183	30	18	364	4	11	276	154	63	199	2	110	56	51	8	51	8	4	28	66	40	51	8	4	5	4	1	1	1	1	1	1	1	1,471			
	East Town (III)	3	226	23	10	447	5	63	264	199	2	110	56	110	56	51	8	51	8	4	28	66	40	51	8	4	5	4	1	1	1	1	1	1	1	1,064			
	Pazundaung	1	39	24	15	264	60	106	86	38	13	123	6	63	54	5	123	145	10	3	15	269	10	3	15	269	10	3	15	269	10	3	15	269	10	3	15	1,261	
	Botataung	4	213	15	29	236	1	1	2	67	245	66	37	10	49	22	21	22	21	22	21	22	21	22	21	22	21	22	21	22	21	22	21	22	21	22	43		
	Registered Building (I)																																				14		
	Registered Building (II)																																					297	
Food Inspector																																							
Total	16	1	57	971	135	82	1,630	1	1	28	263	1,161	700	4	327	10	15	320	25	32	11	144	140	94	10	537	10	3	16							6,744			
East Suburban Division.	Theinbyu East	1	151	17	1	283	2	35	119	27	1	33	50	95	6	1	3	145	87	24	121	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	795		
	Theinbyu West	1	82	1	3	140	185	3	132	5	10	68	4	87	87	24	121	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	809		
	Tamwe (I)	1	135	3	298	1	1	167	289	139	75	14	23	13	18	53	42	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	907	
	Tamwe (II)	7	25	4	12	155	289	139	75	14	23	13	18	53	42	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	905	
	Kokine (I)	69	56	134	7	2	13	18	53	42	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	392		
	Registered Building																																						71
Total	2	11	4	462	25	16	932	1	3	810	264	263	1	66	2	251	18	53	10	11	43	149	465	2	8	1	5	1								3,879			
West Town Division.	West Town (I)	1	235	137	7	434	41	408	225	157	59	7	2	62	15	15	2	60	15	15	2	60	15	15	2	60	15	15	2	60	15	15	2	60	15	15	2	60	1,713
	West Town (II)	1	226	25	11	277	13	14	401	278	195	62	15	15	2	60	15	15	2	60	15	15	2	60	15	15	2	60	15	15	2	60	15	15	2	60	15	15	1,519
	Taroktan	1	438	72	3	260	7	36	499	219	136	83	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	1,760	
	Lanmadaw	1	257	165	11	193	6	15	495	207	6	218	5	106	53	18	139	42	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	1,895
	Dalla	1	3	3	8	7	8	5	58	1	1	38	3	42	3	42	3	42	3	42	3	42	3	42	3	42	3	42	3	42	3	42	3	42	3	42	3	42	175
	Registered Building (I)																																						22
Registered Building (II)																																						34	
Food Inspector																																							
Total	4	1,156	399	32	1,167	34	113	1,811	934	6	706	5	368	34	25	4	115	21	5	406	5	1	4														7,353		
West Suburban Division.	Kamayut		19	1	123	95	46	21	3	81	1	68	56	14	92	98	78	5	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	622		
	North Kemmendine		18	1	4	207	89	1	47	1	58	7	118	8	60	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	717	
	South Kemmendine		28	37	5	377	338	208	181	29	18	170	2	6	28	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	1,530	
	Kokine (II)		81	3	105	15	126	108	12	17	28	35	8	35	75	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	595	
	Kansungto					2	1	14	18	11	35	8																											336
Total		146	38	12	814	1	29	666	220	417	9	120	45	432	2	1	75	97	187	14	447	5															3,800		
GRAND TOTAL	22	1	68	4	2,735	597	142	4,543	2	1	1	94	1,872	3,456	2,314	20	1,219	10	67	1,371	77	110	26	345	301	435	24	1,855	17	9	28	1	5	1	3	21,776			





Table No. 3.—SHOWING NUMBER OF CASES PROSECUTED AND AMOUNT OF FINES IMPOSED UNDER THE GHEE ACT AND THE DIFFERENT SECTIONS OF THE CITY OF RANGOON MUNICIPAL ACT, 1922 DURING THE YEAR 1926.

Rules or Sections.	Name of offence.	East Town Division.						East Suburban Division.						West Town Division.						West Suburban Division.						Total.										
		No. of prosecutions.	No. of cases withdrawn.	No. of cases tried.	No. of cases acquitted.	No. of cases struck off.	No. of cases convicted.	No. of prosecutions.	No. of cases withdrawn.	No. of cases tried.	No. of cases acquitted.	No. of cases struck off.	No. of cases convicted.	No. of prosecutions.	No. of cases withdrawn.	No. of cases tried.	No. of cases acquitted.	No. of cases struck off.	No. of cases convicted.	No. of prosecutions.	No. of cases withdrawn.	No. of cases tried.	No. of cases acquitted.	No. of cases struck off.	No. of cases convicted.	No. of prosecutions.	No. of cases withdrawn.	No. of cases tried.	No. of cases acquitted.	No. of cases struck off.	No. of cases convicted.	No. of prosecutions.	No. of cases withdrawn.	No. of cases tried.	No. of cases acquitted.	No. of cases struck off.
Sch. II, Chap. I, Rule 1	Failure to provide troughs and pipes for receiving, carrying and discharging water from buildings.	1	...	1	...	1	2	5	...	5	...	1	4	24	5	2	3	...	3	8	...	...	...	...	...	...	11	2	9	...	1	8	34			
Do Rule 2	Failure to pave courtyard, etc., for efficient drainage.	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	1	1	5	...	...	...	...	...	2	...	2	...	1	1	5				
Do Rule 12	Failure to provide water closet or closet accommodation or urinal and bathing or washing places, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
Do Rule 13	Failure to provide closet accommodation for factories.	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...				
Do Rule 25 (1)	Failure to repair latrine, urinal, bathing and washing places, etc.	14	3	11	...	3	8	54	28	7	21	...	8	13	36	5	1	4	...	1	3	60	15	2	13	4	9	25	62	13	49	...	16	33	175	
Do Rule 27 (D & E)	Throwing of sullage, etc.	6	...	6	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	6	1	5	...	...	...	...	...	...	
Sch. II, Chap. VII, Rule 1	Failure to provide receptacles for collecting and keeping rubbish and offensive matter.	19	...	19	...	5	14	116	5	5	...	2	3	11	7	...	7	...	1	6	35	1	1	...	1	2	32	...	32	...	8	24	164			
Do Rule 2	Accumulations of offensive matter on any street or premises.	1	...	1	...	1	5	...	...	...	...	...	...	1	...	1	...	1	2	...	...	...	...	...	2	...	2	...	...	...	...	2	7			
Sch. II, Chap. VIII, Rule 1	Failure to fill in pools which are a nuisance	23	9	14	...	3	11	74	7	2	5	...	1	4	13	8	3	5	...	1	4	11	6	3	3	...	3	19	44	17	27	...	5	22	117	
Do Rule 2	Failure to enclose land or building	1	...	1	...	1	3	...	...	...	...	...	...	2	...	2	...	2	30	...	...	...	...	...	3	...	3	...	...	...	...	3	33			
Do Rule 3	Failure to clear and remove noxious vegetation.	4	...	4	...	1	3	34	2	...	2	...	2	...	5	1	4	...	1	3	13	...	...	11	1	10	...	4	6	47						
Do Rule 7	Bathing or washing animals, clothes or other article or drying clothes in places not set apart for the purpose.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Do Rule 8	Washing of clothes by washermen in places prohibited for the purpose.	15	...	15	...	3	12	38	...	...	...	...	...	3	...	3	...	3	9	51	...	31	...	8	43	144	69	...	69	...	11	58	191			
Sch. II, Chap. IX, Rule 1	Concealing of epidemic diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Sch. II, Chap. IX-A	Carrying on dangerous and offensive trade or keeping of any article for sale which is dangerous or likely to create a nuisance, without license.	59	4	55	...	16	39	120	21	7	14	...	10	4	10	23	4	19	...	5	14	78	18	9	9	...	8	1	3	121	24	97	...	39	58	211
Sch. II, Chap. XII, Rule 6	Not furnishing names of keepers of registered building.	1	...	1	...	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	5			
Do Rule 10 (e)	Refusing access to registered building for inspection.	125	...	125	1	46	78	395	...	...	...	...	...	36	...	36	...	11	25	127	...	...	...	...	161	...	161	1	57	103	522					
Do Rule 10 (f)	Failure to keep the R. B. Premises and Sanitary fittings, etc. clean.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Do Rule 10 (g)	Overcrowding in registered building	996	3	993	...	253	740	3,662	75	...	75	...	17	58	406	1,322	3	1,319	...	238	1,081	7,586	12	...	12	...	5	7	39	2,405	6	2,399	...	313	1,886	11,593
Do Rule 13	Failure to do repairs, etc., to registered building under R. B. Rules.	4	...	4	...	2	25	1	...	1	...	1	...	2	10	2	8	...	8	153	4	...	4	...	4	...	4	30	19	2	17	...	2	15	216	
Sch. II, Chap. XIII	Keeping animals in contravention of rules	55	1	54	...	29	25	212	39	1	38	...	16	22	189	12	...	12	...	1	11	47	84	6	78	...	14	64	519	190	8	182	...	60	122	967
Sch. II, Chap. XV	Breach of market rules	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Sch. II, Chap. XVI	Breach of rules respecting condensed milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Sch. II, Chap. XVII	Breach of rules relating to the manufacture and sale of articles of food, drink and the supervision of public eating houses, food stalls, tea-shops and places where sweets, etc., are sold.	106	10	96	1	30	65	255	78	12	66	...	31	35	153	101	25	76	...	39	37	126	47	11	36	...	13	23	71	332	58	274	1	113	160	585
Milk bye-laws (Sec. 102 B.M. Act, 1898)	Sale of milk in contravention of bye-laws	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Bye-laws for Aerated water, Ice cream, etc. (Sec. 102, B.M. Act, 1898)	Sale of Aerated water, Ice cream, etc., without license.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Sec. 132	Sale of diseased animals or unwholesome articles intended for human food.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Ghee Act	Adulteration of ghee or refusing ghee sample for analysis	2	...	2	...	2	...	...	...	...	...	...	...	2	...	2	...	2	65	...	...	...	...	...	4	...	4	...	2	...	2	65				
Sec. 125 (1) (b)	Establishing private market without a license	1	...	1	...	1	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	10			
Total		1,433	30	1,403	5	396	1,002	7,010	201	29	232	...	88	144	824	1,545	42	1,503	...	299	1,201	8,355	243	31	212	...	52	160	884	3,482	132	3,350	5	835	2,510	17,073



Table No. 2. SHOWING NUMBER OF CASES PROSECUTED AND ADJUDICATED IN THE YEAR 1910.

Year	Cases Prosecuted					Cases Adjudicated				
	By Police	By Special Agents	By Inspectors	By Detectives	Total	By Police	By Special Agents	By Inspectors	By Detectives	Total
1910	125	1	1	1	128	125	1	1	1	128
1909	125	1	1	1	128	125	1	1	1	128
1908	125	1	1	1	128	125	1	1	1	128
1907	125	1	1	1	128	125	1	1	1	128
1906	125	1	1	1	128	125	1	1	1	128
1905	125	1	1	1	128	125	1	1	1	128
1904	125	1	1	1	128	125	1	1	1	128
1903	125	1	1	1	128	125	1	1	1	128
1902	125	1	1	1	128	125	1	1	1	128
1901	125	1	1	1	128	125	1	1	1	128
1900	125	1	1	1	128	125	1	1	1	128

**Table No 4.**—SHOWING INSPECTIONS MADE BY THE SANITARY INSPECTORS AND SANITARY WORKS COMPLETED DURING THE YEAR 1936 AS COMPARED WITH THAT OF THE PRECEDING YEAR.

		No. of inspections, etc., by Sanitary Inspector.	
		1936.	1935.
<i>A. Nature of inspection or premises visited—</i>			
1.	Dwelling houses excluding R. B. houses .. .. .	34,531	33,152
2.	Milch cattle stables .. .. .	1,475	1,053
3.	Other stables .. .. .	885	719
4.	Milk, Ice-cream and Sherbet shops .. .. .	473	508
5.	Public Eating houses and tea shops, etc. .. .. .	11,048	10,832
6.	R. B. houses—		
	(a) Day .. .. .	13,176	13,990
	(b) Night .. .. .	3,522	3,825
7.	Markets, Cinemas and Schools—No of visits .. .. .	3,707	2,753
8.	Aerated Water Works .. .. .	204	175
9.	Bakeries, Workshops and Factories .. .. .	996	895
10.	Building works .. .. .	1,325	1,374
11.	Drains and fittings .. .. .	5,346	5,357
12.	Inspection of places where dangerous and offensive articles are stored .. .. .	4,514	3,940
13.	Houses where epidemic diseases occurred .. .. .	461	1,307
14.	Other inspections and inquiries .. .. .	3,497	4,132
Total no. of inspections .. .. .		85,160	84,012



		No. of inspections, etc., by Sanitary Inspectors.	
		1936.	1935.
<b>B. Works, etc., completed—</b>			
1. Dwellings—			
(a)	Lime-washed .. .. .	2,228	2,375
(b)	Kitchen floors repaired .. .. .	1,113	899
(c)	W.C's. repaired .. .. .	639	495
(d)	New W.C's. provided .. .. .	29	52
(e)	Water storage tanks cleaned .. .. .	25,329	22,909
(f)	Water Storage Tanks provided .. .. .	..	* 46
2. Stables—			
(a)	Paved and drained .. .. .	42	34
(b)	Cleaned and refuse removed .. .. .	228	254
3. Markets, Theatres and Schools—Sanitary requirements carried out .. .. .			
		261	175
4. Dangerous and Offensive Trades—Licenses issued ..			
		961	926
5. Milk, Ice and Aerated Water, Sherbet and Ice-cream shops—Licenses issued .. .. .			
		85	100
6. Public Eating houses and Tea-shops, etc.—Licenses issued..			
		1,464	1,467
7. Factories and Workshops—Lime-washing, etc., carried out..			
		45	44
8. Repairs, etc., done through Corporation Plumbers ..			
		193	139
9. No. of cases of accumulation of refuse, rank vegetation, etc., removed .. .. .			
		2,835	2,774
10. Latrine tubs provided .. .. .			
		854	756
11. Blockages removed .. .. .			
		28,914	27,100
12. Other works completed .. .. .			
		383	278
Total sanitary works completed ..		65,603	60,823

\*Owing to outbreak of Cholera in Dalla and Kanaungto, Mill owners were asked to provide G.I. Water Storage Tanks in the Coolies barracks for storing drinking water for the Coolies.

**Table No. 5.—SHOWING ARTICLES OF UNWHOLESOME FOOD AND DRINK SEIZED AND DESTROYED DURING THE YEAR 1936 AS COMPARED WITH THAT OF THE PRECEDING YEAR.**

	1936	1935
Milk .. .. .	663½	193½ viss.
Butter .. .. .	..	1½ lb.
Curd .. .. .	1½	1 lb.
Aerated Water .. .. .	1,370	754 bottles.
Fish (fresh) .. .. .	411¾	406¼ viss.
" (dry) .. .. .	50	49¼ viss.
" (tinned) .. .. .	37	24 tins.
Meat (fresh) .. .. .	75½	84 viss.
" (dry) .. .. .	11½	16½ viss.
Eggs .. .. .	1,138	1,429 in No.
Potatoes .. .. .	1,146½	781 viss.
Onions .. .. .	1,364½	547¼ viss.
Garlic .. .. .	174½	57½ viss.
Grain .. .. .	15½	.. viss.
Vegetables .. .. .	784½	846 viss.
Fruits (fresh) .. .. .	15,756	22,455 in No. & 1 viss.
Preserved fruits .. .. .	11	.. tins.
Condensed Milk .. .. .	27	24 tins.
Cocoa .. .. .	2	.. lb.
Biscuits .. .. .	136	59 lb.
Bread .. .. .	266½	128 lb.
Patent food .. .. .	24	.. tins.
Indian Sweetmeat .. .. .	163¼	108 viss.
Tomatoes .. .. .	..	½ viss.
Grapes .. .. .	¼	2 viss.
Chow Chow .. .. .	¼	.. viss.
Ginger .. .. .	100	.. viss.
Plantains .. .. .	7	10 bunches.
Custard Apples .. .. .	1	.. basket.
Cocoanuts .. .. .	18	.. in No.
Cauliflower .. .. .	1	.. bunch.
Prawns .. .. .	..	19 viss.
Rice .. .. .	..	7 viss.

*On request from various Firms :—*

Condensed Milk .. .. .	6 cases and 23,506 tins.
Chocolate .. .. .	1,908 tins.
" .. .. .	627½ boxes.
" .. .. .	35 cartons.
" .. .. .	5 slabs.
Lactogen .. .. .	647 tins.
Cocoa .. .. .	195 tins.
Preserved fruits .. .. .	21 cases and 482 tins.
Cheese .. .. .	71 tins, 13 pkts., 106 ctns. & 10 lbs.
Plums .. .. .	10 crates.
Grapes .. .. .	10 cases.
Oranges .. .. .	4 cases.
Cream .. .. .	52 tins.
' Hartogs ' Brawns .. .. .	2 tins.
Huggis .. .. .	8½ lbs.
Lobster Tails .. .. .	7½ lbs.
Molico .. .. .	7 tins.
Ham .. .. .	5 tins, 2,456 lbs. & 15 oz.
Fruits .. .. .	86 cases.
Malted Milk .. .. .	20 tins.
Biscuits .. .. .	15 tins.
Butter .. .. .	16 tins.
Jam .. .. .	236 tins.
Beans .. .. .	205 tins.
Sausages .. .. .	109 tins, 65 lbs.
Syrup (fruits) .. .. .	4 cases, 4 tins.
Nesco .. .. .	22 tins.



On request from various firms—Conclud.

Sardines .. .. .	89 tins.
Frozen fish .. .. .	4 cases.
Parkes Sweets .. .. .	1 tin, 6 bottles, 126½ lbs.
Vegetables .. .. .	24 tins.
Baking Powder .. .. .	1 tin.
Pickle .. .. .	1 bottle.
Sauce .. .. .	16 bottles.
Fry's 4 Food .. .. .	1 case, 41 tins.
Sugar .. .. .	3 tins.
Bacon .. .. .	10½ lbs.
Castor Oil .. .. .	1 lot.
Morton's Essences .. .. .	1 lot.
Cornflour .. .. .	1 box.
Peas .. .. .	4 tins.
Feena-mint Laxative .. .. .	482 tins.
Lime and Orange Squash .. .. .	72 bottles.
Other provisions .. .. .	1 box, 610 tins, 103 bottles 6 packets, 42 jars;

Table No. 6.—SHOWING THE TOTAL NUMBER OF REGISTERED BUILDINGS AND THE NUMBER INSPECTED FOR OVERCROWDING DURING THE YEAR 1936.

1	2	3	4	5			6			7	8	9	10	11	12	13	14
Divisions.	No. of registered buildings on 1st January 1936.	No. of registered buildings struck off the register in 1936.	No. registered in 1936.	Total number of registered buildings on 31st December 1936.			Maximum number of living accommodation permissible.			Total number of inspection of registered building houses during the year.	Percentage of inspection to total number of registered buildings.	No. of houses inspected more than once during the year.	No. of individual rooms found overcrowded during the year.	No. of rooms where no overcrowding was found.	No. of cases sent up for prosecution on account of overcrowding.	No. of cases tried.	Amount of fines imposed.
				Lodging houses.	Mill cooly barracks.	Total.	Lodging houses.	Mill cooly barracks.	Total.								
East Town I	524	17	18	525	..	525	21,175	..	21,175	752	143.23	140	715	1,151	2,168	2,399	13,693
East Town II	362	2	7	340	27	367	16,418	4,897	21,315	419	114.17	136	241	1,019			
East Suburban	510	11	18	366	151	517	11,500	16,584	28,084	305	58.9	68	83	578			
West Town I	540	..	14	554	..	554	26,497	..	26,497	632	114.08	274	652	1,950			
West Town II	481	1	19	499	..	499	19,571	..	19,571	765	153.30	271	638	1,226			
West Suburban	362	..	..	223	139	362	5,611	14,553	20,164	45	12.43	..	12	74			
Total	2,779	31	76	2,507	317	2,824	100,772	36,034	136,806	2,918	103.32	889	2,341	5,998	2,168	2,399	13,693





ANTI-MOSQUITO.

Table L.—SHOWING THE PERCENTAGE OF BREEDING PLACES TO TOTAL NUMBER INSPECTED DURING THE YEAR 1936, MONTH BY MONTH.

Circle No.	Circles.	March.			April.			May.			June.			July.			August.			September.			October.			November.			December.			Total.		
		Number of places inspected.	Number found breeding.	Percentage of breeding places.	Number of places inspected.	Number found breeding.	Percentage of breeding places.	Number of places inspected.	Number found breeding.	Percentage of breeding places.	Number of places inspected.	Number found breeding.	Percentage of breeding places.	Number of places inspected.	Number found breeding.	Percentage of breeding places.	Number of places inspected.	Number found breeding.	Percentage of breeding places.	Number of places inspected.	Number found breeding.	Percentage of breeding places.	Number of places inspected.	Number found breeding.	Percentage of breeding places.	Number of places inspected.	Number found breeding.	Percentage of breeding places.	Number of places inspected.	Number found breeding.	Percentage of breeding places.			
<b>SUBURBAN AREA.</b>																																		
1	North Kemmendine West	1,589	435	27.15	2,150	235	10.93	3,114	186	5.97	2,149	165	7.68	3,699	329	9.11	2,038	136	6.67	1,463	221	15.10	2,352	158	6.72	2,140	143	6.68	727	60	8.25	21,331	2,068	9.70
2	North Kemmendine East	1,808	184	9.96	882	43	4.86	1,561	221	14.16	2,679	490	18.28	3,093	392	13.06	3,540	364	10.28	3,180	232	7.30	3,201	672	21.00	3,969	617	15.54	2,556	242	9.47	26,379	3,457	13.10
3	Kokine West	1,558	302	19.63	1,250	106	8.48	2,519	362	14.44	2,888	768	26.60	1,702	218	12.81	1,483	493	33.24	1,392	341	24.42	2,330	460	19.74	1,322	190	14.34	923	79	8.56	17,567	3,214	18.30
4	South Kemmendine	2,156	307	14.24	2,008	192	9.56	1,851	260	14.05	3,033	348	11.48	2,590	241	9.31	2,561	279	10.89	2,746	450	16.39	1,849	153	8.28	2,826	323	11.43	677	40	5.91	22,297	2,593	11.63
5	Ahlong	3,274	254	7.76	3,202	170	5.31	4,647	191	4.11	5,821	90	1.55	1,430	71	4.97	3,493	169	4.84	3,196	194	6.07	2,263	64	2.83	2,582	154	5.97	1,783	78	4.38	31,691	1,435	4.53
6	Military Police and Old Race Course Area.	972	245	25.15	936	113	12.07	1,763	235	13.33	1,478	189	12.78	2,211	307	13.89	2,541	376	14.80	1,229	260	21.15	1,733	212	12.10	1,895	247	13.03	1,668	129	7.73	16,426	2,313	14.08
7	Old Cantonment	1,934	498	25.74	1,274	232	18.21	2,129	251	11.84	1,905	266	13.96	2,466	601	24.37	2,946	717	24.34	1,720	335	19.47	2,053	314	15.28	1,459	224	15.35	1,520	193	12.70	19,399	3,631	18.72
8	Theinbyu	2,802	303	10.88	2,300	293	12.73	2,681	289	11.65	2,548	373	14.64	1,973	316	16.06	1,820	330	18.13	1,390	366	26.33	1,289	261	20.24	1,709	122	7.14	1,309	127	9.71	19,621	2,782	14.18
9	Kokine East	1,395	197	14.12	1,710	215	12.57	1,372	96	6.11	2,258	87	3.85	1,889	115	6.09	2,183	145	6.64	1,268	192	15.14	1,265	153	12.10	1,539	123	8.00	936	80	8.55	16,015	1,403	8.76
10	Tamwe	2,963	272	9.16	2,335	240	10.28	2,650	227	8.56	2,968	266	9.00	3,077	250	8.13	3,412	326	9.55	2,896	270	9.32	3,281	344	10.48	3,513	316	9.00	2,514	229	9.11	29,611	2,740	9.26
11	Pazundaung	1,403	217	15.47	2,505	219	8.74	2,129	306	14.37	2,380	203	8.53	2,734	279	10.21	3,018	204	6.76	2,499	234	9.36	1,447	165	11.40	2,025	148	7.31	1,807	92	5.09	21,947	2,667	12.15
12	Botataung East	1,820	186	10.22	1,837	133	7.24	1,293	178	13.74	2,032	242	11.91	1,693	175	10.34	1,669	202	12.11	1,926	204	10.59	1,629	170	10.43	1,777	248	13.96	921	109	11.83	16,399	1,847	11.13
<b>TOWN AREA.</b>																																		
13	Botataung West	1,693	331	19.54	1,362	212	15.53	2,420	183	7.56	2,094	388	18.53	2,969	495	16.67	3,037	499	16.44	2,834	450	15.88	1,873	189	10.09	1,764	180	10.21	1,193	171	14.31	21,241	3,098	14.59
14	East Town II	1,487	452	30.38	1,011	291	28.78	1,321	356	26.95	1,729	609	35.23	1,194	428	35.84	921	419	45.48	...	...	...	596	277	46.48	608	300	49.34	414	218	52.66	9,281	3,350	36.10
15	East Town I	1,261	326	25.81	885	234	26.44	1,176	217	18.45	1,597	239	14.96	793	266	33.55	1,290	386	29.92	1,130	275	24.33	897	172	19.17	932	224	23.60	666	151	22.70	10,627	2,490	23.43
16	West Town	937	369	39.50	614	248	40.39	1,246	342	27.45	6,285	387	6.16	1,309	327	25.02	1,303	383	29.40	945	346	36.62	385	122	31.69	382	81	21.20	480	109	22.71	13,906	2,714	19.52
17	Taroktan	2,135	190	8.90	1,239	143	11.54	1,979	199	10.10	1,977	350	17.70	1,473	248	16.84	1,459	332	22.75	1,211	176	14.53	1,427	165	11.56	1,929	145	7.52	1,365	109	7.99	16,185	2,657	16.43
18	Lanmadaw	2,178	278	12.77	1,941	251	11.39	2,770	287	10.36	2,203	384	17.43	2,213	318	14.36	1,600	341	21.31	1,536	288	18.75	1,531	214	13.97	1,713	271	15.82	1,581	176	11.13	19,266	2,788	14.47
<b>Total</b>		33,387	5,348	16.02	29,441	3,510	12.00	38,505	4,386	11.34	48,024	5,844	12.17	38,328	5,371	14.02	40,314	6,001	14.89	32,761	4,834	14.76	31,603	4,263	13.58	34,084	4,056	11.91	23,042	2,392	10.39	349,389	46,017	13.18



# ANTI-MOSQUITO.

ON THE EFFECTS OF THE MOSQUITO DURING THE PERCENTAGE OF

Circle No.	March		April		May	
	No. of mosquitoes per cubic foot	No. of mosquitoes per cubic foot	No. of mosquitoes per cubic foot	No. of mosquitoes per cubic foot	No. of mosquitoes per cubic foot	No. of mosquitoes per cubic foot
<b>SUBURBAN AREA.</b>						
1	North Kensington West	1,580	1,580	1,580	1,580	1,580
2	North Kensington East	1,580	1,580	1,580	1,580	1,580
3	Kokine West	1,580	1,580	1,580	1,580	1,580
4	South Kensington	1,580	1,580	1,580	1,580	1,580
5	Albion	1,580	1,580	1,580	1,580	1,580
6	Milnes, Police and Old Race Course Area	1,580	1,580	1,580	1,580	1,580
7	Old Cantonment	1,580	1,580	1,580	1,580	1,580
8	Thimbar	1,580	1,580	1,580	1,580	1,580
9	Kokine East	1,580	1,580	1,580	1,580	1,580
10	Thimbar	1,580	1,580	1,580	1,580	1,580
11	Perambur	1,580	1,580	1,580	1,580	1,580
12	Botanug East	1,580	1,580	1,580	1,580	1,580
<b>TOWN AREA.</b>						
13	Botanug West	1,580	1,580	1,580	1,580	1,580
14	East Town II	1,580	1,580	1,580	1,580	1,580
15	East Town I	1,580	1,580	1,580	1,580	1,580
16	West Town	1,580	1,580	1,580	1,580	1,580
17	Thimbar	1,580	1,580	1,580	1,580	1,580
18	Perambur	1,580	1,580	1,580	1,580	1,580

Table No. II.—SHOWING THE NUMBER OF LARVAE OF THE VARIOUS SPECIES OF MOSQUITOES EXAMINED DURING THE YEAR 1936 MONTH BY MONTH.

No.	Species.	March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total.		
		Number of Larvae.	Percentage to total number.	Number of Larvae.	Percentage to total number.	Number of Larvae.	Percentage to total number.	Number of Larvae.	Percentage to total number.	Number of Larvae.	Percentage to total number.	Number of Larvae.	Percentage to total number.	Number of Larvae.	Percentage to total number.	Number of Larvae.	Percentage to total number.	Number of Larvae.	Percentage to total number.	Number of Larvae.	Percentage to total number.	Number of Larvae.	Percentage to total number.	
1	<i>Aedes aegypti</i> (stegomyia) ..	1,17,917	89.22	66,137	64.16	95,423	80.71	100,455	71.93	92,962	83.49	99,396	86.26	87,697	83.42	67,749	82.37	67,428	63.80	42,898	66.07	8,38,062	76.70	
2	<i>Culex fatigans</i> ..	28,028	19.08	35,587	34.51	20,441	17.29	10,536	7.54	9,744	8.75	6,704	5.82	11,018	10.08	10,402	12.65	32,702	30.94	20,650	31.81	1,85,812	17.00	
3	<i>Aedes albopictus</i> (stegomyia) ..	5	0.01	26	0.03	665	.56	26,176	18.75	4,252	3.82	5,794	5.03	3,101	2.95	1,906	2.32	1,508	1.43	166	0.26	43,599	3.07	
4	<i>Culex brevipalpis</i> ..	303	0.21	421	.41	480	.41	949	0.68	286	0.26	209	0.18	516	0.48	499	0.61	1,480	1.40	260	0.40	5,403	0.49	
5	<i>Culex tritaeniorhynchus</i> ..	140	0.09	562	0.54	765	0.64	894	0.64	87	0.08	577	0.50	836	0.80	448	0.54	495	0.47	155	0.17	4,959	0.45	
6	<i>Anopheles vagus</i> ..	218	0.15	90	0.08	212	.18	72	0.05	2,418	2.17	804	0.70	106	0.10	795	0.77	404	0.29	40	0.06	5,159	0.47	
7	<i>Magarithinus splendens</i> ..	216	0.15	79	0.08	46	.04	171	0.12	39	0.04	138	0.12	355	0.34	121	0.15	134	0.13	17	0.03	1,316	0.12	
8	<i>Lutzia fuscana</i> ..	44	0.03	45	.04	114	.09	32	0.02	28	0.03	87	0.07	15	0.014	1	0.001	193	0.18	5	0.008	564	0.05	
9	<i>Armigeres obturbans</i> ..	66	0.04	140	0.14	80	.07	115	0.08	1,534	1.38	1,570	1.36	1,443	1.37	142	0.17	848	0.80	394	0.61	6,332	0.58	
10	<i>Culex bitae niorhynchus</i> ..	30	0.02	..	..	..	..	..	..	..	..	11	0.009	1	.001	..	..	45	0.04	..	..	87	0.007	
11	<i>Aedes deocana</i> ..	..	..	..	..	..	..	250	0.18	..	..	15	0.01	4	.004	12	0.01	..	..	..	..	281	0.025	
12	<i>Anopheles barbirostris</i> ..	..	..	..	..	..	..	..	..	..	..	..	3	.003	2	0.002	11	0.01	1	0.002	..	..	17	0.002
13	<i>Anopheles byrcanus var tigerrinus</i> ..	..	..	..	..	..	..	..	..	..	..	1	0.0008	..	..	3	0.004	20	0.02	18	0.03	42	0.004	
14	<i>Culex mimeticus</i> ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	191	0.18	168	0.26	359	0.033	
15	<i>Culex minimus</i> ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	100	0.09	165	0.25	265	0.024	
16	<i>Rachinotomyia aranoioides</i> ..	..	..	..	..	..	..	..	..	..	..	5	0.004	1	.001	..	..	..	..	..	..	..	6	0.006
17	<i>Aedes caecus</i> ..	..	..	..	..	..	..	..	..	..	..	..	..	20	0.019	110	0.13	..	..	..	..	..	130	0.012
18	<i>Culex vishnui</i> ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	46	0.06	10	0.009	..	..	..	56	0.005
19	<i>Culex gelidus</i> ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	100	0.09	..	..	..	100	0.01
20	<i>Culex acconitus</i> ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	0.005	..	..	..	5	0.001
21	<i>Culex fucociphalus</i> ..	..	..	..	..	..	..	..	..	..	..	..	..	8	0.008	..	..	..	..	..	..	..	8	0.001
22	<i>Culex halifaxi</i> ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	0.005	..	..	..	5	.001
23	<i>Anopheles Anulares</i> ..	..	..	..	..	3	0.003	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	.0003
24	<i>Culex edwardsi</i> ..	..	..	..	..	..	..	..	..	1 (adult)	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL ..		1,46,967		1,03,687		1,18,229		1,39,650		1,11,350		1,15,311		1,05,124		82,236		1,05,679		64,937		10,92,370		



Table No. II.—SHOWING THE NUMBER OF LARVAE OF

No.	Species	March		April		May	
		Number of Larvae	Percentage to total	Number of Larvae	Percentage to total	Number of Larvae	Percentage to total
1	<i>Aedes aegypti</i> (Say)	1,170	80.32	60,137	64.18	32,432	86.71
2	<i>Culex fatigans</i> (Wied.)	28,028	19.68	32,587	34.31	20,447	55.29
3	<i>Aedes albopictus</i> (Skusevich)	5	0.01	25	0.03	602	1.62
4	<i>Culex parvipes</i>	303	0.21	431	0.45	780	2.07
5	<i>Culex tritaeniorhynchus</i>	140	0.99	302	0.32	702	1.87
6	<i>Anopheles veyssi</i> ..	218	0.15	50	0.05	210	0.56
7	<i>Megasternus splendens</i>	210	0.15	72	0.08	90	0.24
8	<i>Lutzia fusca</i> ..	44	0.03	42	0.04	114	0.30
9	<i>Anopheles obsoletus</i>	68	0.04	140	0.14	80	0.21
10	<i>Culex pine tritaeniorhynchus</i>	50	0.03	11	..	..	..
11	<i>Aedes dorsalis</i> ..	..	..	..	..	..	..
12	<i>Anopheles barbatipes</i>	..	..	..	..	..	..
13	<i>Anopheles hyrcanus</i> var. <i>argyromus</i>	..	..	..	..	..	..
14	<i>Culex tritaeniorhynchus</i> ..	..	..	..	..	..	..
15	<i>Culex minutus</i> ..	..	..	..	..	..	..
16	<i>Rachistocentrus tenuis</i>	..	..	..	..	..	..
17	<i>Aedes caspers</i>	..	..	..	..	..	..
18	<i>Culex vishnui</i> ..	..	..	..	..	..	..
19	<i>Culex gelidus</i> ..	..	..	..	..	..	..
20	<i>Culex sepositus</i> ..	..	..	..	..	..	..
21	<i>Culex theobaldi</i>	..	..	..	..	..	..
22	<i>Culex pallidus</i> ..	..	..	..	..	..	..
23	<i>Anopheles Annandalei</i>	..	..	..	..	2	0.005
24	<i>Culex edwardsi</i> ..	..	..	..	..	..	..
TOTAL		1,460	100.00	1,08,087	100.00	1,14,230	100.00

Table III.—SHOWING THE SPECIES OF MOSQUITOES, COLLECTED AND IDENTIFIED, THEIR COMMON BREEDING PLACES, AND THE PART OF THE YEAR IN WHICH THEY WERE FOUND.

Species.	When found.	Number of breeding places.	Breeding places.
1. <i>Aedes aegypti</i> ( <i>Stegomyia</i> ) .. ..	All the months .. ..	422,007	Ant prevention vessels, water storage tanks, tubs and barrels, Pegu jars, water chatties, flower vases, egg jars, masonry tanks, pools pits, sumps, well, ponds, discarded tins.
2. <i>Culex fatigans</i> .. ..	Do .. ..	3,904	Tubs and barrels, pools, pits, sumps, drains, ant prevention vessels, water chatties, Pegu jars, masonry tanks, discarded tins, wells, water storage tanks, grit chambers, manholes, gully traps.
3. <i>Aedes albopictus</i> ( <i>Stegomyia</i> ) .. ..	Do .. ..	1,982	Ant prevention vessels, tubs and barrels, discarded tins, tree hollows, chatties, sumps, drains, masonry tanks Pegu jars, flower vases, water storage tanks, grit chambers, egg jars.
4. <i>Culex brevipalpis</i> .. ..	Do .. ..	385	Ant prevention vessels, tubs and barrels, discarded tins, tree hollows, chatties, sumps, drains, masonry tanks, Pegu jars, egg jars, flower vases, water storage tanks.
5. <i>Culex tritaeniorhynchus</i> .. ..	Do .. ..	345	Tubs and barrels, water chatties, drains, masonry tanks, wells, discarded tins, tree hollows, water storage tanks, bamboo stumps, sumps, ponds, ant prevention vessels.
6. <i>Anopheles vagus</i> .. ..	Do .. ..	269	Sumps, pools, ponds, drains, wells, tree hollows, masonry tanks, lakes, water chatties.
7. <i>Megarhinus splendens</i> .. ..	Do .. ..	237	Ant prevention vessels, Pegu jars, tubs and barrels, sumps, tree hollows, drains, discarded tins, wells, water chatties, egg jars.
8. <i>Lutzia fuscana</i> .. ..	Do .. ..	43	Tubs and barrels, water storage tanks, drains, sumps, gully traps, discarded tins, Pegu jars, masonry tanks, tree-holes, wells.
9. <i>Armigeres obturbans</i> .. ..	Do .. ..	125	Ant prevention vessels, tubs and barrels, water chatties, Pegu jars, drains, sumps, tree hollows, discarded tins, flower vases, masonry tanks, pools, pits, septic tanks, soak-pit.
10. <i>Culex bitaeniorhynchus</i> .. ..	March, August, September, November.	11	G. I. tanks, lakes, drains.
11. <i>Aedes deccana</i> .. ..	June, August, September, October.	36	Tree hollows, bamboo stumps, tubs and barrels, Pegu jars, discarded tins.
12. <i>Anopheles barbirostris</i> .. ..	September, October, November, December.	7	Lakes, tanks, drains, ponds.
13. <i>Anopheles hyrcanus varnigerrimus</i> .. ..	August, October, November, December.	21	Ponds, pools tanks, drains.
14. <i>Culex mimeticus</i> .. ..	November, December .. ..	33	Tubs and barrels, tanks, drains, swamps, tins (discarded).
15. <i>Culex mimulus</i> .. ..	November, December .. ..	7	Swamps with vegetation, ponds, pools.
16. <i>Rachinotomyia aranoioides</i> .. ..	August, September .. ..	3	Bamboo stumps.
17. <i>Aedes caecus</i> .. ..	September, October .. ..	12	Pools.
18. <i>Culex vishnui</i> .. ..	October, November .. ..	8	Tanks, drains.
19. <i>Culex gelidus</i> .. ..	November .. ..	1	Tank.
20. <i>Culex acconitus</i> .. ..	November .. ..	2	Tanks.
21. <i>Culex fucocephalus</i> .. ..	September .. ..	2	Pegu jars, grit chamber.
22. <i>Culex halifaxi</i> .. ..	November .. ..	1	Drain.
23. <i>Anopheles anulares</i> .. ..	May .. ..	1	Drain.
24. <i>Culex edwardsi</i> .. ..	July .. ..	1	Swamp.
		49,448	



Table III—SHOWING THE RICHES OF MOSQUITOES COLLECTED AND YEAR IN WHICH TAKEN

Number of breeding places	Species	Year
1	<i>Coix nigripalpus</i> (Gwynne)	1911
2	<i>Coix nigripalpus</i> (Gwynne)	1911
3	<i>Coix nigripalpus</i> (Gwynne)	1911
4	<i>Coix nigripalpus</i> (Gwynne)	1911
5	<i>Coix nigripalpus</i> (Gwynne)	1911
6	<i>Coix nigripalpus</i> (Gwynne)	1911
7	<i>Coix nigripalpus</i> (Gwynne)	1911
8	<i>Coix nigripalpus</i> (Gwynne)	1911
9	<i>Coix nigripalpus</i> (Gwynne)	1911
10	<i>Coix nigripalpus</i> (Gwynne)	1911
11	<i>Coix nigripalpus</i> (Gwynne)	1911
12	<i>Coix nigripalpus</i> (Gwynne)	1911
13	<i>Coix nigripalpus</i> (Gwynne)	1911
14	<i>Coix nigripalpus</i> (Gwynne)	1911
15	<i>Coix nigripalpus</i> (Gwynne)	1911
16	<i>Coix nigripalpus</i> (Gwynne)	1911
17	<i>Coix nigripalpus</i> (Gwynne)	1911
18	<i>Coix nigripalpus</i> (Gwynne)	1911
19	<i>Coix nigripalpus</i> (Gwynne)	1911
20	<i>Coix nigripalpus</i> (Gwynne)	1911
21	<i>Coix nigripalpus</i> (Gwynne)	1911
22	<i>Coix nigripalpus</i> (Gwynne)	1911
23	<i>Coix nigripalpus</i> (Gwynne)	1911
24	<i>Coix nigripalpus</i> (Gwynne)	1911

**Table IV.—SHOWING NUMBER OF BREEDING PLACES OF THE VARIOUS SPECIES OF MOSQUITOES DETECTED DURING THE YEAR 1936 MONTH BY MONTH.**

Month.	Aedes aegypti.	Culex fatigans.	Aedes albopictus.	Culex brevipalpis.	Culex tritaeniorhynchus.	Anopheles vagus.	Megarhinus splendens.	Lutzia fuscana.	Armigeres obturbans.
March	5,132	520	4	26	9	11	41	6	7
April	3,374	307	5	13	23	7	16	2	3
May	4,136	471	29	38	48	16	13	6	3
June	5,300	477	725	78	19	6	44	7	6
July	4,810	399	332	26	13	27	14	3	25
August	5,393	328	352	24	109	95	19	6	12
September	4,416	312	213	45	40	35	20	3	37
October	3,869	331	162	46	29	39	45	1	5
November	3,458	480	142	68	39	21	20	8	16
December	2,119	279	18	21	16	12	5	1	11
Total	42,007	3,904	1,982	385	345	269	237	43	125



**Table V.**—TYPES OF BREEDING PLACES OF MOSQUITOES FOUND DURING THE YEAR 1936.

Total No. of breeding places	..	46,047
Indoor	..	33,639
Outdoor	..	12,408

No.	Types of breeding places.	Indoor.	Outdoor.	Total.	Percentage to total No. of breeding places.
1	Ant-prevention vessels ..	11,863	8	11,871	25.78
2	Tubs and barrels .. ..	4,328	4,578	8,906	19.36
3	Water storage tanks .. ..	9,595	232	9,827	21.34
4	Flower vases .. ..	2,569	81	2,650	5.70
5	Pegu jars .. ..	2,487	1,587	4,074	8.86
6	Egg jars .. ..	70	305	375	0.82
7	Water chatties .. ..	1,991	733	2,724	5.78
8	Discarded tins .. ..	119	2,373	2,492	5.42
9	Drains .. ..	10	428	438	.96
10	Pools, pits, sumps, etc. ..	3	607	610	1.32
11	Tree hollows .. ..	..	702	702	1.52
12	Masonry tanks .. ..	178	111	289	0.67
13	Wells, ponds, etc. .. ..	..	279	279	0.62
14	Grit chambers manholes and gully traps .. ..	..	117	117	0.25
15	Other places .. ..	426	267	693	1.50
	<b>Total</b> ..	<b>33,639</b>	<b>12,408</b>	<b>46,047</b>	

Table VI.—SHOWING THE NUMBER OF INSPECTIONS CARRIED OUT IN EACH CIRCLE DURING THE YEAR 1936 MONTH BY MONTH.

No.	Circles.	March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total.	
		Tene-ments.	Places.	Tene-ments.	Places.	Tene-ments.	Places.	Tene-ments.	Places.	Tene-ments.	Places.	Tene-ments.	Places.	Tene-ments.	Places.	Tene-ments.	Places.	Tene-ments.	Places.	Tene-ments.	Places.	Tene-ments.	Places.
1	North Kemmendine West ..	292	1,589	213	2,150	257	3,114	379	2,149	386	3,609	264	2,038	276	1,463	336	2,352	343	2,140	245	727	2,991	21,331
2	North Kemmendine East ..	340	1,808	150	882	203	1,561	248	2,679	378	3,003	283	3,540	246	3,180	243	3,201	276	3,969	157	2,556	2,524	16,376
3	Kokine West ..	130	1,558	281	1,250	449	2,519	279	2,888	236	1,702	129	1,483	139	1,592	364	2,330	260	1,322	225	923	2,492	17,567
4	South Kemmendine ..	316	2,156	249	2,008	290	1,851	232	3,033	244	2,590	277	2,561	212	2,746	195	1,849	274	2,826	65	677	2,354	22,297
5	Ahloné ..	393	3,274	197	3,202	187	4,647	236	5,821	162	1,430	215	3,493	144	3,156	130	2,263	250	2,582	328	1,783	2,242	31,691
6	Military Police and Old Race Course Area, Old Cantonment ..	122	972	46	936	66	1,763	46	1,428	72	2,211	50	2,541	51	1,229	82	1,733	90	1,895	74	1,668	699	16,426
7	Old Cantonment ..	258	1,934	102	1,274	152	2,120	174	1,905	215	2,466	158	2,946	147	1,720	171	2,055	152	1,459	135	1,520	1,684	19,399
8	Theinbyu ..	302	2,802	342	2,300	298	2,481	333	2,548	387	1,973	272	1,820	297	1,350	275	1,289	402	1,709	334	1,309	3,242	19,621
9	Kokine East ..	165	1,395	104	1,710	132	1,572	118	2,258	153	1,889	232	2,183	130	1,268	157	1,265	192	1,539	111	936	1,494	16,015
10	Tamwe ..	413	2,965	307	2,335	309	2,650	354	2,968	369	3,077	372	3,412	328	2,896	385	3,281	337	3,513	304	2,514	3,478	29,611
11	Pazundaung ..	89	1,403	281	2,505	283	2,129	311	2,380	353	2,734	453	3,018	315	2,499	285	1,447	415	2,025	274	1,807	3,059	21,947
12	Botataung East ..	365	1,820	304	1,837	206	1,295	375	2,032	517	1,693	345	1,669	234	1,926	421	1,629	350	1,777	186	921	3,303	16,599
13	Botataung West ..	282	1,693	220	1,362	355	2,420	307	2,094	280	2,969	222	3,037	273	2,834	113	1,873	174	1,764	221	1,195	2,447	21,241
14	East Town II ..	348	1,487	437	1,011	573	1,321	394	1,729	331	1,194	246	921	..	..	270	596	235	608	180	414	3,014	9,281
15	East Town I ..	333	1,261	270	885	331	1,176	324	1,597	268	793	108	1,290	279	1,130	198	897	253	932	189	666	2,753	10,627
16	West Town ..	422	957	300	614	650	1,246	676	6,285	429	1,309	416	1,303	319	945	125	385	152	382	192	480	3,681	13,506
17	Taroktan ..	444	2,135	302	1,239	401	1,970	369	1,977	360	1,473	422	1,455	356	1,211	321	1,427	428	1,929	342	1,365	3,745	16,185
18	Laamadaw ..	500	2,178	436	1,941	510	2,770	401	2,203	453	2,213	465	1,600	354	1,536	295	1,531	307	1,713	251	1,581	3,976	19,266
	Total ..	5,514	33,387	4,541	29,441	5,652	38,605	5,556	48,024	5,593	38,328	5,133	40,314	4,100	32,761	4,366	31,403	4,890	34,084	3,833	23,042	49,178	349,389



Table VI - SHOWING THE NUMBER OF INSTRUCTIONS CAR

No.	Circles	Members			Apprentices			Mentors		
		Total	Teaching	Non-Teaching	Total	Teaching	Non-Teaching	Total	Teaching	Non-Teaching
1	North Karnataka West	12,322	1,232	11,090	12,322	1,232	11,090	12,322	1,232	11,090
2	North Karnataka East	10,540	1,054	9,486	10,540	1,054	9,486	10,540	1,054	9,486
3	Koike West	10,110	1,011	9,099	10,110	1,011	9,099	10,110	1,011	9,099
4	South Karnataka	10,810	1,081	9,729	10,810	1,081	9,729	10,810	1,081	9,729
5	Ahmednagar	10,232	1,023	9,209	10,232	1,023	9,209	10,232	1,023	9,209
6	Military Police and Old Race Course Area	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371
7	Old Cantonment	10,232	1,023	9,209	10,232	1,023	9,209	10,232	1,023	9,209
8	Thiruvananthapuram	10,232	1,023	9,209	10,232	1,023	9,209	10,232	1,023	9,209
9	Koike East	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371
10	Tamiraparani	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371
11	Parangurudi	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371
12	Botanagar East	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371
13	Botanagar West	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371
14	East Town II	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371
15	East Town I	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371
16	West Town	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371
17	Tarapur	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371
18	Indanagar	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371
19	Total	10,412	1,041	9,371	10,412	1,041	9,371	10,412	1,041	9,371

Table VII.—SHOWING THE WORK DONE REGARDING THE WATER STORAGE TANKS AND DISTRIBUTION OF HANDBILLS ETC. FOR THE YEAR 1936 MONTH BY MONTH.

Months	Number inspected		Number of storage tanks inspected		Number of notices issued to provide mosquito-proof covers	Number of tanks for which notices have been issued.	Number of storage tanks provided with mosquito-proof covers.				Number of notices issued for other breeding places	No. of leaflets distributed.										
	Houses	Tenements	Non-mosquito proof	Mosquito proof			By owner		By Corporation			English	Burmese	Hindustani	Urdu	Tamil	Telugu	Chinese	Bengali	Oriya	Gujarati	
							Notices	Tanks	Notices	Tanks												
January	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
February	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
March	..	2,552	5,314	2,780	2	..	..	2	..	..	..	739	2,029	132	126	516	448	402	182	34	64	
April	..	2,058	4,341	2,333	2	..	..	2	..	..	3	654	1,949	153	282	599	347	215	183	43	157	
May	..	2,319	5,652	2,798	4	..	..	4	..	..	21	687	2,021	318	242	528	348	318	231	39	38	
June	..	2,500	5,556	2,729	25	..	..	25	..	..	26	735	1,742	269	239	448	353	324	239	54	58	
July	..	2,535	5,593	2,810	100	54	127	..	100	..	11	837	1,532	247	161	705	340	247	224	42	94	
August	..	2,445	5,133	2,710	46	137	208	23	96	1	1	34	773	1,330	182	261	599	337	181	206	41	110
September	..	1,694	4,100	2,257	43	206	545	69	164	7	21	67	833	1,434	179	246	578	272	236	152	42	82
October	..	2,090	4,366	1,977	65	260	819	143	326	11	12	54	636	1,765	94	208	541	291	202	163	16	34
November	..	2,171	4,890	1,838	85	232	782	166	446	18	49	98	617	1,688	89	176	418	300	231	103	116	20
December	..	1,763	3,833	1,557	108	245	751	126	332	18	40	70	548	1,480	134	286	478	369	144	106	29	210
Total	..	22,127	48,978	23,789	480	1,134	3,232	527	1,497	55	123	384	7,059	16,971	1,797	2,227	5,370	3,405	2,500	1,789	456	867



Table VI.—SHOWING THE WORK DONE REGARDING THE WATER STORAGE

Month	Number inspected		Number of storage tanks inspected		Number of notices issued to owners of tanks	Number of tanks for which notices have been issued	Number of notices issued to the owners
	Tanks	Total tanks	Municipal	Private			
January	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..
March	..	2,221	..	2,220	..	..	..
April	..	2,028	..	2,028	..	..	..
May	..	2,310	..	2,309	..	..	..
June	..	2,500	..	2,500	..	..	..
July	..	2,732	..	2,730	..	154	..
August	..	2,442	..	2,439	..	208	1.13
September	..	2,024	..	2,022	..	292	1.00
October	..	2,090	..	2,088	..	210	1.11
November	..	2,171	..	2,168	..	282	1.02
December	..	2,709	..	2,707	..	281	1.20
Total	..	25,112	..	25,078	..	1,791	2,222





STATE OF ALABAMA - REPORT OF THE COMMISSIONER OF GENERAL LANDS AND SURVEYS

1		2	
Alabama		Total	
Month	Number of acres	Number of acres	Value
January	1,000	1,000	10,000
February	1,000	1,000	10,000
March	1,000	1,000	10,000
April	1,000	1,000	10,000
May	1,000	1,000	10,000
June	1,000	1,000	10,000
July	1,000	1,000	10,000
August	1,000	1,000	10,000
September	1,000	1,000	10,000
October	1,000	1,000	10,000
November	1,000	1,000	10,000
December	1,000	1,000	10,000
Total	12,000	12,000	120,000

**Table IX.**—SHOWING THE STEGOMYIA INDEX DURING THE YEAR 1936 MONTH BY MONTH.

Circles.	July	August	September	October	November	December
SUBURBAN AREA.						
1. North Kemmendine West ..	32.20	32.58	28.98	24.11	20.11	34.29
2. North Kemmendine East ..	43.12	51.95	40.65	72.01	61.24	63.68
3. Kokine West .. ..	24.58	45.74	47.47	25.55	18.45	7.55
4. South Kemmendine .. ..	26.23	47.65	70.00	44.11	39.04	27.69
5. Ahlone .. ..	24.07	39.54	42.36	43.08	34.41	17.07
6. Military Police and Old Race Course Area .. ..	65.28	78.00	60.78	57.32	23.33	28.38
7. Old Cantonment .. ..	57.22	84.18	75.51	56.14	50.00	44.51
8. Theinbyu .. ..	90.44	77.96	82.49	59.64	21.39	25.45
9. Kokine East .. ..	35.38	37.93	38.34	43.31	29.17	22.52
10. Tamwe .. ..	33.60	40.05	43.59	50.13	44.51	36.59
11. Pazundaung .. ..	33.99	24.50	27.62	18.25	7.71	8.05
12. Botataung East .. ..	26.00	37.97	43.59	22.09	43.42	29.58
TOWN AREA.						
13. Botataung West .. ..	44.98	70.26	69.95	98.22	59.77	41.63
14. East Town II .. ..	68.89	82.92	..	73.70	74.46	81.21
15. East Town I .. ..	63.06	60.88	58.06	57.28	62.46	54.49
16. West Town .. ..	55.94	52.64	62.69	77.61	39.49	43.23
17. Taroktan .. ..	39.16	34.83	30.23	23.36	16.82	11.99
18. Lanmadaw .. ..	36.86	35.60	43.50	42.04	45.28	30.28
Monthly Average ..	44.00	48.14	49.66	44.07	35.99	31.43



## MISCELLANEOUS.

**Table No. 1.—SHOWING THE COMPARATIVE SUMMARY OF THE WORK OF VACCINATION AND SANITARY SECTIONS FOR THE YEARS 1927-36.**

Years.	Total No. of Vaccinations performed.	No. of sanitary notices issued.	No. of blockages cleared.	No. of letters received.	No. of letters issued.	No. of licenses issued.	No. of cases tried.	Amount of fines imposed.
1927	93,195	20,181	22,118	9,362	14,162	1,963	3,325	Rs. 26,380
1928	241,774	20,770	24,060	11,372	14,705	2,358	3,710	30,442
1929	258,374	27,264	30,025	13,483	17,614	2,568	3,581	24,048
1930	213,653	24,428	31,232	12,316	14,099	2,556	2,849	15,251
1931	195,847	23,989	31,369	13,591	15,138	2,342	3,213	14,008
1932	311,487	23,584	31,338	15,065	14,883	2,472	4,098	19,265
1933	198,819	21,809	25,675	15,763	16,163	2,556	3,649	17,548
1934	248,197	20,568	28,382	16,967	17,075	2,583	3,784	15,705
1935	288,534	20,610	27,100	18,711	18,382	2,493	3,679	18,422
1936	214,184	21,776	28,913	18,800	19,174	2,510	3,350	17,073





Table No. 2—SHOWING A SUMMARY OF THE WORK DONE IN THE DEPARTMENT DURING THE YEAR 1927

Year	No. of letters issued	No. of letters received	No. of I. D. Reports issued	No. of Conservancy complaints received	No. of Sanitary complaints received	No. of houses visited	No. of houses condemned under Section 150	No. of Public eating houses and tea-shops	D. & O. Tickets	Ice and Aerated waters	Ice-cream and Sherbet	Milk	No. of houses issued	No. of cases opened	Amount of fines imposed	No. of cases pending disposal	No. of cases withdrawn	No. of cases tried	No. of cases sent up for prosecution	No. of notices issued	Amount
1927	19,174	18,800	363	230	313	2	2	1,164	901	13	43	28	2,471	17,073	210	133	3,330	3,378	21,776		
1928	19,174	18,800	363	230	313	2	2	1,164	901	13	43	28	2,471	17,073	210	133	3,330	3,378	21,776		
1929	19,174	18,800	363	230	313	2	2	1,164	901	13	43	28	2,471	17,073	210	133	3,330	3,378	21,776		
1930	19,174	18,800	363	230	313	2	2	1,164	901	13	43	28	2,471	17,073	210	133	3,330	3,378	21,776		
1931	19,174	18,800	363	230	313	2	2	1,164	901	13	43	28	2,471	17,073	210	133	3,330	3,378	21,776		
1932	19,174	18,800	363	230	313	2	2	1,164	901	13	43	28	2,471	17,073	210	133	3,330	3,378	21,776		
1933	19,174	18,800	363	230	313	2	2	1,164	901	13	43	28	2,471	17,073	210	133	3,330	3,378	21,776		
1934	19,174	18,800	363	230	313	2	2	1,164	901	13	43	28	2,471	17,073	210	133	3,330	3,378	21,776		
1935	19,174	18,800	363	230	313	2	2	1,164	901	13	43	28	2,471	17,073	210	133	3,330	3,378	21,776		
1936	19,174	18,800	363	230	313	2	2	1,164	901	13	43	28	2,471	17,073	210	133	3,330	3,378	21,776		

MISCELLANEOUS

Table No. 1—SHOWING THE COMPARATIVE SUMMARY OF THE WORK OF VACCINATION AND SANITATION SECTIONS FOR THE YEAR 1927

Table No. 3.—SHOWING MEDICAL INSPECTION OF MUNICIPAL SCHOOLS STUDENTS DURING 1936.

	Kandawglay Municipal School, 94th Street.	Pazundaung Municipal School, Thompson Street.	Municipal Girls' School, 59, Aungmye Street.	Kamakasit Municipal School, Dallah.	Kemmendine Municipal Boys' School, Hamthawaddy Road.	Kwethit Municipal School, 200, Shan Road.	Kyaukseung Municipal School, 75, Dagon Thiri Street.	Yedwington Municipal School, 121st Street.	Kanaungo Municipal School.	Lammadaw Municipal School.	Avogon Municipal School.	Total.
1. Total number of pupils on Roll during the year	276	432	220	239	145	264	206	147	203	216	485	3,269
Total number of above pupils examined	255	62	135	60	207	135	225	91	86	142	194	1,780
Total number not examined with reasons for omission	10	2	3	26	1	2	3	1	1	8	1	36
2. Number registered for Defective Vision, eye strain and squint	5	7	2	3	2	1	2	3	1	8	1	35
Number in whom defect corrected	1	5	2	1	1	1	1	1	1	1	1	3
3. Number registered for Trachoma	75	5	1	48	26	4	17	15	36	36	31	283
Number corrected	1	1	1	2	1	1	1	1	1	1	1	29
4. Number registered for Enlarged Tonsil	56	4	7	64	47	34	18	13	31	33	35	359
Number cured	5	1	1	3	4	4	4	3	4	2	2	22
5. Number registered for Nasal Obstruction	2	1	1	3	1	4	4	1	1	1	1	9
Number cured	1	1	1	1	1	1	1	1	1	1	1	7
6. Number registered for Defective Hearing	1	1	1	1	2	2	1	1	1	2	1	6
Number cured	1	1	1	1	1	1	1	1	1	1	1	16
7. Number registered for Otorrhoea	2	1	1	1	4	2	2	1	4	1	1	5
Number cured	1	1	1	1	2	2	1	1	1	1	1	16
8. Nutrition :—												
Number registered	143	24	85	51	91	65	128	54	51	32	38	124
{ Good	107	29	48	9	112	69	89	37	35	52	104	70
{ Fair	5	9	2	4	1	8	8	1	1	1	1	1
{ Poor	31	6	35	38	18	28	31	15	15	29	33	52
9. Number of registered for Anaemia	7	1	1	1	1	1	1	1	1	1	1	8
Number cured	1	1	1	1	1	1	1	1	1	1	1	8
10. Number registered for Enlarged Spleen	1	1	1	1	1	1	1	1	1	1	1	1
Number cured	1	1	1	1	1	1	1	1	1	1	1	1
11. Number registered for Defective Teeth	52	14	14	7	74	27	48	26	5	24	34	37
Number cured	8	1	1	6	5	9	2	2	4	5	4	22
12. Number registered for Tuberculosis	1	1	1	1	1	1	1	1	1	1	1	4
Number cured	1	1	1	1	1	1	1	1	1	1	1	4
13. Number registered for Skin Disease	6	7	3	1	3	10	1	3	4	5	1	44
Number cured	1	1	1	1	1	3	1	1	1	1	1	6
14. Number registered for Orthopedic Defects	1	1	1	1	1	1	1	1	1	1	1	1
Number cured	1	1	1	1	1	1	1	1	1	1	1	1
15. Number registered for Glandular Enlargement	4	2	1	1	2	1	1	1	3	1	1	16
Number cured	1	1	1	1	1	1	1	1	1	1	1	1
16. Number registered for Nervous Defect	1	1	1	1	1	1	1	1	1	1	1	1
Number cured	1	1	1	1	1	1	1	1	1	1	1	1
17. Number registered for Mental Defects	1	1	1	1	1	1	1	1	1	1	1	1
Number cured	1	1	1	1	1	1	1	1	1	1	1	1
18. Number registered for other Curable Defects	7	3	1	24	1	6	3	4	16	4	4	68
Number cured	2	1	1	2	1	3	1	1	1	1	1	3
19. Number registered for Non-Curable Defects	251	9	132	19	187	132	219	88	83	84	133	189
{ Number by primary vaccination	56	48	37	39	95	35	64	24	23	19	31	55
{ Number by re-vaccination	4	5	3	2	22	1	3	1	1	1	4	4
{ Number protected by Small-pox	1	1	1	1	1	1	1	1	1	1	1	3
{ Number unprotected	1	1	1	1	1	1	1	1	1	1	1	3

\* These girl students were examined by the Medical Officers, Maternity and Infant Welfare Centres.



Table No. 3—SHOWING MEDICAL INSPECTION BY AREA

No.	Municipal School, Jersey		Total	Total number of people examined	Total number not examined with reason for omission	Total number registered for Infective Diseases, eye strain and squint	Number registered for Infective Diseases	Number registered for Tuberculosis	Number registered for enlarged tonsils	Number registered for Dental Operations	Number registered for Infective Hearing	Number registered for Otitis	Number registered for Anemia	Number registered for enlarged spleen	Number registered for Infective Dermatitis	Number registered for Tuberculosis	Number registered for Skin Diseases	Number registered for Orthopedic Lesions	Number registered for Glandular Enlargement	Number registered for Nervous Defect	Number registered for Mental Defect	Number registered for other Chronic Diseases	Number registered for Non-Chronic Diseases	Number by primary vaccination	Number by re-vaccination	Number protected by small-pox	Number unprotected	
	Boys	Girls																										
1.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
8.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
13.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
15.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
17.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20.	100	100	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

\* These examinations were conducted by the State

**VACCINATION.**  
**Table No. 1.—SHOWING THE TOTAL NUMBER OF VACCINATIONS PERFORMED DURING THE YEAR 1936-37**  
**INCLUDING THOSE PERFORMED AT THE PORT AND THE COST PER HEAD OF THE VACCINATIONS**  
**PERFORMED.**

Years.	Primary Vaccinations in town by Corporation staff.	Re-vaccinations in town by Corporation staff.	Vaccinations done by Private Medical Practitioners.	Ship Vaccinations.	Total number of vaccinations performed.	Percentage of primary successful cases in Town.	Average number vaccinated by each Vaccinator.	Number of Primary Vaccinations per 1,000 of population (by Corporation staff.)	Number of Births Registered per 1,000 of population.	Total expenditure less sale of lymph.	Average cost per vaccination.
1934-35	11,613	107,440	5,102	151,715	275,870	98.39	3,968	30	24	49,739	0 2 11
1935-36	10,429	54,873	1,232	161,062	227,596	98.96	2,419	26	26	46,882	0 3 4
1936-37	10,440	58,147	1,885	144,871	215,343	98.61	8,538	26	27	41,646	0 3 1



Table No. 2.—SHOWING PARTICULARS OF COST OF VACCINATIONS PERFORMED AT THE PORT HEALTH STATION, 1936-1937.

Years.	Pay and allowances for four Vaccinators.	Cost of lymph supplied (approximately).	Total cost.	No. of Vaccinations performed.	Cost of each Vaccination.
	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1934-35	.. 3,567 0 0	.. 5,503 15 0	.. 9,070 15 0	151,715	0 0 11
1935-36	.. 3,497 13 0	.. 7,272 2 0	.. 10,769 15 0	161,062	0 1 1
1936-37	.. 3,226 15 0	.. 5,435 11 2	.. 8,662 10 2	144,871	0 0 11

INCLUDING THOSE BELONGING TO THE PORT HEALTH STATION AND THE PORT HEALTH STATION  
 SHOWING THE TOTAL NUMBER OF VACCINATIONS BELONGED DURING THE YEAR 1936-37  
 VACCINATION

**Table No. 3.—SHOWING BIRTHS REGISTERED DURING THE YEAR 1936-37 AND VACCINATION OF INFANTS UNDER ONE YEAR OF AGE.**

Circles.	Total births excluding Still births.	Still births.	Deaths under one year.	Number of Infants surviving.	Number of Infants vaccinated.	Percentage of vaccination to births registered.
Kamayut .. ..	668	17	161	507	589	88.18
North Kemmendine .. ..	876	38	196	680	312	35.62
South Kemmendine .. ..	1,196	33	314	882	994	83.11
Lanmadaw .. ..	569	4	151	418	426	74.87
Taroktan .. ..	603	2	132	471	456	75.62
West Town .. ..	740	17	128	612	588	79.46
East Town .. ..	969	16	165	804	749	77.29
Botataung .. ..	543	20	97	446	819	150.83
Pazundaung .. ..	831	27	206	625	401	48.25
Theinbyu East .. ..	811	21	237	574	658	81.13
Theinbyu West .. ..	725	23	158	567	272	51.31
Tamwe .. ..	1,191	34	369	822	640	53.73
Kokine .. ..	490	13	148	342	226	46.12
Dala .. ..	381	9	86	295	355	93.18
Kanaungto .. ..	375	10	99	276	521	138.90
Cantonment .. ..	19	2	3	16	..	..
Hospitals and other Public Institutions .. ..	..	277	..	..	..	..
Vaccinations performed by Private Medical Practitioners .. ..	..	..	..	..	122	..
<b>Total .. ..</b>	<b>10,987</b>	<b>563</b>	<b>2,650</b>	<b>8,337</b>	<b>8,228</b>	<b>98.69</b>

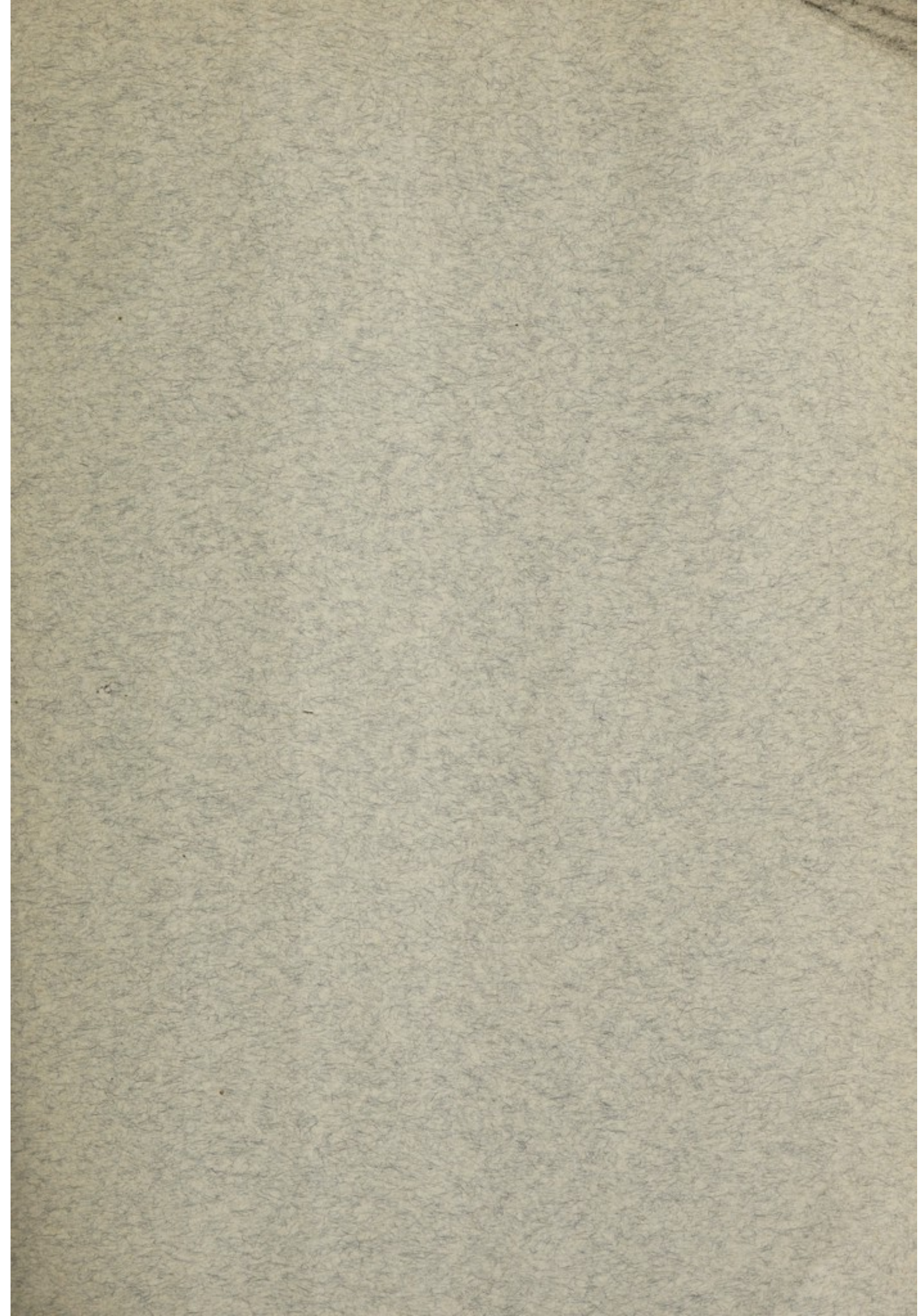


**Table No. 4.—SHOWING THE WORK DONE BY THE ASSISTANT REGISTRAR  
VACCINATORS, ETC. FOR THE YEAR 1936.**

No. of births verified	..	..	..	..	..	1,850
No. of unregistered births found by Assistant Registrar Vaccinators	..	..	..	..	..	1,364
No. of Small-pox cases found during house to house inspection	..	..	..	..	..	10
No. of notices served for primary vaccination	..	..	..	..	..	7,212
No. of prosecutions under Vaccination Act	..	..	..	..	..	59
No. of Schools Inspected for vaccination	..	..	..	..	..	236
No. of School children inspected	..	..	..	..	..	36,490
No. of School children vaccinated	..	..	..	..	..	13,386
No. of Mills inspected for vaccination	..	..	..	..	..	94
No. of Mill hands inspected	..	..	..	..	..	27,718
No. of Mill hands vaccinated	..	..	..	..	..	21,773
No. of primary vaccinations performed	..	..	..	..	..	10,632
Total No. of vaccinations performed	..	..	..	..	..	2,14,184

*[Handwritten signature]*









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