

**SUPPLEMENT**  
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**VITAL STATISTICS OF TOWNS IN CEYLON IN THE  
MONTH OF JANUARY, 1909.**

**REPORT OF THE REGISTRAR-GENERAL.**

THIS report deals with the Vital Statistics of the 31 principal towns of the Island proclaimed under sections 31 to 36 of the Ordinance No. 1 of 1895. The Registrars of these towns are qualified medical men. No death occurring there is registered unless the cause is ascertained by the Registrar's personal inspection of the deceased, or certified by a qualified medical man in attendance on the deceased, and no dead body is buried or cremated without registration being effected.

2. Table I. in the Appendix shows the population at the last decennial Census of 1901, and the present estimated population and the births and deaths registered during the month, their rates, and the infantile mortality in each town, with mean temperature and rainfall of each town.

3. Table III. gives similar information as regards each ward in the Colombo Municipality.

4. The estimated population of the 31 towns is 484,240, or more than one-ninth of the total population of the Island. The population of Colombo (183,872) is a little over three-fifths of the population of all the other towns taken together (300,368).

5. The death-rate for all towns this month (38·63) is a slight improvement on that of the previous month (42·13)—the highest on record since the monthly statistics began to be collected—but is still above the mean for that period (32·47). The improvement is noticeable in most of the towns, the principal exceptions being Negombo, Gampola, Jaffna, Galle, and Batticaloa. The Kurunegala death-rate has been abnormal since September last. From a mean-rate of 45·8 it rose suddenly in October to 62·05 and with a leap in November to 103·01, and a further bound in December to the extraordinary rate of 182·73, from which it has now declined to 161·96, which is still more than three times the average rate.

6. I give below the mean birth- and death-rates for each of the towns in the period July, 1907, to December, 1908, and for the wards of the Colombo town in the period January to December, 1908, being the respective periods for which the monthly statistics are available.

Mean Birth- and Death-rates for each of the 31 towns proclaimed under sections 31-36 of Ordinance No. 1 of 1895, in the period July, 1907, to December, 1908.

|                           | Mean<br>Birth-rate. | Mean corrected<br>Death-rate.* |
|---------------------------|---------------------|--------------------------------|
| <b>All Towns</b> .. .. .  | <b>30·53</b>        | <b>32·47</b>                   |
| <i>Western Province.</i>  |                     |                                |
| Colombo .. .. .           | 25·23               | 35·71                          |
| Negombo .. .. .           | 43·92               | 28·66                          |
| Moratuwa .. .. .          | 33·89               | 21·59                          |
| Kalutara .. .. .          | 33·75               | 31·52                          |
| Panadure .. .. .          | 35·97               | 28·31                          |
| <i>Central Province.</i>  |                     |                                |
| Kandy .. .. .             | 30·20               | 28·58                          |
| Gampola .. .. .           | 33·63               | 52·64                          |
| Nawalapitiya .. .. .      | 26·24               | 24·37                          |
| Hatton and Dikoya .. .. . | 17·69               | 11·61 (crude rate)†            |
| Matale .. .. .            | 31·95               | 45·96                          |
| Nuwara Eliya .. .. .      | 21·39               | 15·14                          |
| <i>Northern Province.</i> |                     |                                |
| Jaffna .. .. .            | 42·58               | 33·78                          |
| Mannar .. .. .            | 34·99               | 33·14                          |
| Mullaattiyu .. .. .       | 29·40               | 49·91                          |
| Vavuniya .. .. .          | 21·37               | 87·57                          |

\* For explanation of corrected death-rate see paragraph 10.

† Corrected rates not available as these are newly created registration divisions, and the age- and sex-constitution of the population will not be known till the next Census. For Lunugala and Weligama the mean rates are based on the figures from October, 1907, and July, 1908, respectively, being the dates on which the registration divisions were created.

|                                  | Mean Birth-rate. | Mean corrected Death-rate.* |
|----------------------------------|------------------|-----------------------------|
| <i>Southern Province.</i>        |                  |                             |
| Galle .. .. .                    | 30·28            | 28·44                       |
| Matara .. .. .                   | 39·93            | 23·05                       |
| Weligama .. .. .                 | 10·99            | 19·50 (crude rate)†         |
| Hambantota .. .. .               | 35·82            | 31·92                       |
| Tangalla .. .. .                 | 33·81            | 37·96                       |
| <i>Eastern Province.</i>         |                  |                             |
| Batticaloa .. .. .               | 31·76            | 33·83                       |
| Trincomalee .. .. .              | 28·47            | 33·96                       |
| <i>North-Western Province.</i>   |                  |                             |
| Kurunegala .. .. .               | 30·34            | 57·49                       |
| Puttalam .. .. .                 | 38·16            | 42·55                       |
| Kalpitiya .. .. .                | 22·93            | 31·56 (crude rate)†         |
| Chilaw .. .. .                   | 35·52            | 33·26                       |
| <i>North-Central Province.</i>   |                  |                             |
| Anuradhapura .. .. .             | 26·42            | 56·16                       |
| <i>Province of Uva.</i>          |                  |                             |
| Badulla .. .. .                  | 24·03            | 22·36                       |
| Lunugala .. .. .                 | 46·35            | 50·16 (crude rate)†         |
| <i>Province of Sabaragamuwa.</i> |                  |                             |
| Ratnapura .. .. .                | 31·60            | 37·96                       |
| Kegalla .. .. .                  | 29·39            | 22·70                       |

\* For explanation of corrected death-rate see paragraph 10.

† Corrected rates not available as these are newly created registration divisions, and the age- and sex-constitution of the population will not be known till the next Census. For Lunugala and Weligama the mean rates are based on the figures from October, 1907, and July, 1908, respectively, being the dates on which the registration divisions were created.

Mean Birth- and Death-rates for each Ward of the Colombo Town in the period January to December, 1908.

|   | Mean Birth-rate. | Mean Crude Death-rate. |
|---|------------------|------------------------|
| All Wards .. .. .                       | 25·54            | 33·40                  |
| Fort and Galle Face .. .. .             | 7·42             | 8·79                   |
| Pettah .. .. .                          | 5·94             | 11·63                  |
| St. Sebastian .. .. .                   | 22·22            | 24·31                  |
| St. Paul's .. .. .                      | 18·83            | 25·17                  |
| Kotahena .. .. .                        | 22·88            | 26·50                  |
| New Bazaar .. .. .                      | 22·66            | 33·02                  |
| Maradana Hospitals .. .. .              | —                | —                      |
| Maradana exclusive of Hospitals .. .. . | 22·36            | 31·67                  |
| Slave Island .. .. .                    | 26·57            | 30·29                  |
| Kollupitiya .. .. .                     | 15·92            | 24·15                  |

#### Births.

7. The births registered in the 31 towns during the month numbered 1,401—of which 735 were of males and 666 of females—and corresponded to an annual birth-rate per 1,000 of 34·06, as against 30·43 during the preceding month, 34·89 in the corresponding month of last year, and 30·53 the average for the eighteen months, July, 1907 (when monthly statistics were first published), to December, 1908. Of the towns (excluding Vavuniya and Lunugala, which have a population under 1,000), the highest birth-rate was observed in Gampola (67·18, average 33·63), and the lowest in "Hatton and Dikoya" (15·33, average 17·69). In the other towns the birth-rate ranged from 59·96 in Mannar (average 34·99), 59·00 in Vavuniya (average 21·37), 56·61 in Negombo (average 43·92), 56·04 in Matara (average 39·93), and 51·59 in Chilaw (average 35·52) to 25·02 in Trincomalee (average 28·47), 24·90 in Mullaivivu (average 29·40), 22·80 in Nawalapitiya (average 26·24), 21·37 in Kalpitiya (average 22·93), and 17·98 in Nuwara Eliya (average 21·39).

8. The town of Colombo, where the births registered numbered 422—of which 212 were of males and 210 of females—records a birth-rate of 27·02, as against 23·71 in the preceding month, 29·67 in the corresponding month of last year and 25·23 the average for the eighteen months (July 1907, to December, 1908). The highest birth-rate was in Slave Island (30·77, average 26·57), and the lowest in Pettah (9·34, average 5·94). In the other wards the birth-rate ranged from 28·27 in New Bazaar (average 22·66) to 10·97 in Kollupitiya (average 15·92).

#### Deaths.

9. The number of deaths registered in the 31 towns during the month was 1,878—of which 1,039 were of males and 839 of females—and corresponded to an annual death-rate of 38·63 per mille, as against 42·13 during the preceding month, 32·95 in the corresponding month of last year and 32·47 the average for eighteen months, July, 1907, to December 1908. 618 of the total deaths or almost one-third occurred in hospitals (and 14 deaths in jails), and exaggerated the normal mortality of the towns.

10. Corrected death-rates as well as crude death-rates are shown. By a corrected rate is meant the rate calculated for the population of each town on the basis that its age- and sex-constitution is the same as for the Island, and also excluding from the total deaths those in hospitals of estate coolies and other persons who are not town residents. The corrected rate should thus furnish a more satisfactory test of the comparative health of the towns than the crude rate. For the wards of the town of Colombo only crude death-rates are available.

11. Of the towns, excluding Vavuniya and Lunugala, the highest death-rate was in Kurunegala (as high as 161.96, against average 57.49), and the lowest in Nuwara Eliya (5.44, average 15.14). In the other towns the death-rate ranged from 96.81 in Anuradhapura (average 56.16), 78.95 in Gampola (average 52.64), 70.94 in Vavuniya (average 87.5), 60.72 in Ratnapura (average 37.96), and 57.65 in Panadure (average 28.3) to 28.91 in Chilaw (average 33.26), 27.95 in Hambantota (average 31.92), 27.59 in Kalutara (average 31.52), 27.19 in Nawalapitiya (average 24.37), 24.80 in Badulla (average 22.36), and 22.67 in Moratuwa (average 21.59).

12. In the town of Colombo the deaths registered numbered 650, of which 350 were of males and 300 of females, corresponding to an annual corrected death-rate of 41.61 per 1,000 per annum, as against 45.56 during the preceding month, 31.13 in the corresponding month of last year, and 35.71 the average for the eighteen months July, 1907, to December, 1908. The city was thus a little healthier than in the preceding month, but still much unhealthier than usual. Omitting the Fort and Galle Face Ward and the Pettah Ward, which contain a population mainly adult and floating, Kollupitiya shows this month the lowest crude death-rate (14.46, average 24.15), and New Bazaar, the highest rate (42.70, average 33.02). In the other wards the death-rate ranged from 19.79 in St. Sebastian (average 24.31) to 39.51 in Maradana exclusive of hospitals (average 31.67).

#### Infantile Mortality.

13. The infantile mortality of the 31 towns was equal to a rate of 285 per 1,000 births registered, as against 354 in the previous month, 242 in the corresponding month of last year, and 264, the average for the eighteen months July, 1907, to December, 1908. In the towns having an estimated population of 5,000 or more, the mortality ranged from the enormous rate of 1,233 in Kurunegala (average 347), 643 in Anuradhapura (average 395), 466 in Puttalam (average 275), 367 in Colombo (average 336), and 357 in Jaffna (average 246) to 203 in Matara (average 138), 192 in Batticaloa (average 338), 177 in Kalutara (average 171), 89 in Moratuwa (average 152), and 77 in Nuwara Eliya (average 334).

14. The infantile mortality given in Table III. for each ward in the City of Colombo enables a comparison to be made of the health of the various wards. The lowest mortality was observed in St. Sebastian (261 per 1,000 against average 339), followed by Slave Island (264, average 361), and the highest mortality was in Pettah (833, average 465), followed by Kotahena (487, average 351), and New Bazaar (469, average 459).

#### Causes of Deaths.

15. Table II. in the Appendix gives for each town and race the principal causes of deaths registered during the month, and shows the infantile mortality separately from the mortality for one year and over.

16. Table IV. gives similar information for each ward and race of the Colombo Municipality.

17. *Infants*.—Out of the 1,878 deaths from all causes in the 31 towns, 400 or a little less than one-fourth were among infants under one year. Of these, the chief causes were 131 *Convulsions* (of which 46 were in Colombo, 15 in Galle, 12 in Kurunegala, 9 each in Negombo and Anuradhapura, 8 in Matara); 75 *Debility* (of which 23 in Colombo, 11 in Jaffna, 5 in Puttalam, 4 in Kurunegala); 40 *Premature Birth* (of which 12 in Colombo, 6 in Jaffna, 4 each in Negombo, Moratuwa, and Matara); 26 *Pneumonia* (of which 16 in Colombo, 4 in Kurunegala, 2 in Moratuwa); 25 *Bronchitis* (of which 10 each in Colombo and Jaffna); 20 *Diarrhoea* (of which 5 each in Colombo and Galle, 4 in Jaffna); and 20 *Tetanus* (of which 15 in Colombo and 5 in Jaffna).

18. In the town of Colombo *Convulsions* accounted for the highest mortality, viz., 46, which were distributed as follows:—13 in Maradana exclusive of hospitals, 9 in Kotahena, 7 in New Bazaar, 6 in Slave Island, 5 in St. Paul's, 3 in Kollupitiya, 2 in St. Sebastian, and 1 in Maradana hospitals. The next highest mortality (23) was from *Debility* (5 in Pettah, 4 in New Bazaar, 3 each in Maradana hospitals and Maradana exclusive of hospitals), followed by *Pneumonia* 16 (5 in Maradana exclusive of hospitals, 4 each in Kotahena and Maradana hospitals); *Tetanus* 15 (6 in St. Paul's, 4 each in Kotahena and New Bazaar); and *Bronchitis* 10 (5 in New Bazaar).

1. *General Mortality (One Year and over)*.—Out of the 1,478 deaths of persons one year and over in age, there were 361 due to *Diarrhoea* and *Dysentery*, of which 83 were in Colombo, 43 in Kandy, 36 in Kurunegala, 30 in Matale, 18 in "Hatton and Dikoya," 17 in Ratnapura, 15 in Kegalla, 13 in Badulla, 12 in Matara, 11 in Moratuwa; 143 due to *Pneumonia*, of which 62 were in Colombo, 10 in Kurunegala, 8 each in Negombo and Galle in Moratuwa; 122 due to *Phthisis*, of which 69 were in Colombo, 14 in Galle, 8 each in Kandy and Kurunegala; 74 to *Dochmirus Duodenalis*, of which 49 were among Tamils, almost all of whom were coolies; 68 to *Enteric Fever*, of which 50 were in Colombo, 8 in Moratuwa; 62 to *Remittant Fever*, of which 13 were in Jaffna, 8 each in Batticaloa and Kurunegala, 6 in Galle; 52 to *Malarial Cachexia*, of which 13 were in Matale, 12 in Kurunegala, 5 in Jaffna; 27 to *Bronchitis*, of which 10 were in Colombo, 4 in Jaffna, 3 in Kalutara; 22 to *Simple Fever* of which 8 were in Kandy, 4 in Jaffna, 3 in Trincomalee; 19 to *Bright's Disease* and *Nephritis*, of which 1 were in Colombo; and 11 to *Smallpox*, of which 7 were in Colombo, 3 in Negombo and 1 in Moratuwa.

20. In the town of Colombo, the highest mortality was from *Phthisis* (69), of which 21 were in Maradana exclusive of hospitals, 10 each in Kotahena and Maradana hospitals, 9 in New Bazaar, 7 each in St. Paul's and Slave Island, followed by *Pneumonia* 62 (15 each in Kotahena and Maradana hospitals, 10 in Maradana exclusive of hospitals, 8 in New Bazaar); *Dysentery* 47 (24 in Maradana hospitals, 6 in Maradana exclusive of hospitals); *Leucæa* 36 (18 in Maradana hospitals, 9 in Kotahena); and *Enteric Fever* (50), of which 25 were in Maradana hospitals, 8 in Maradana exclusive of hospitals, 5 in Kotahena, 4 in Slave Island, 3 in Kollupitiya, 2 each in St. Sebastian and St. Paul's, and 1 in New Bazaar. Altogether in this and the two preceding months 415 cases of enteric fever were reported to the Municipal Authorities, and 87 deaths were registered from this cause.

21. In the month under review 8 deaths (as against 3 in the preceding month and 17 in the month previous) were registered in the town of Colombo as due to *Smallpox*, all of which occurred in the Infectious Diseases Hospital, Kanatta (3 from Maradana exclusive of hospitals, 2 each from St. Paul's and New Bazaar, and 1 from Pettah). Altogether in this and the two preceding months 164 cases were reported to the Municipal authorities, and 40 deaths were registered from this cause.

22. There were no deaths registered from Cholera. The epidemic which commenced about the middle of November last ceased about the end of the following month, having caused 14 deaths, 7 of which occurred in the Welikada jail.

23. The other chief causes of death in the town of Colombo were *Bright's Disease* and *Nephritis* 11 (8 in New Bazaar, 2 each in St. Paul's and Maradana hospitals, and 1 in Slave Island); *Dochmius Duodenalis* 10 (9 in Maradana hospitals); *Bronchitis* 10 (5 in Kotahena, 2 in Maradana exclusive of hospitals, and 1 each in St. Paul's, New Bazaar, and Maradana hospitals).

24. *Percentage of Principal Causes of Death at all Ages.*—Of the total number of deaths at all ages in the towns, Diarrhoea and Dysentery accounted for nearly 21 per cent., Bronchitis and Pneumonia nearly 12 per cent., various kinds of Fever nearly 9 per cent., Infantile Convulsions more than 8 per cent., Debility more than 7 per cent., and Phthisis more than 6 per cent.

25. Of the total number of deaths at all ages in the town of Colombo, Bronchitis and Pneumonia accounted for more than 15 per cent., Diarrhoea and Dysentery 14 per cent., Phthisis nearly 11 per cent., Infantile Convulsions and various kinds of Fever each nearly 9 per cent., and Debility nearly 5 per cent.

Registrar-General's Office,  
Colombo, February 18, 1909.

P. ARUNACHALAM,  
Registrar-General.

Table I.—Number of Births and Deaths registered during Jan. 1909, their Proportion per 1,000 of the Population per Annum, the Deaths of Children under 1 Year and their Proportion per 1,000 Registered Births, and the Mean Temperature and Rainfall observed in each Town of the Island proclaimed under §§ 31-36 of Ord. No. 1 of 1895.

| Towns.                           | Population (Military) at the Census of 1901. | Population estimated to the Middle of 1909 by Inter-censal Increase. | Total Births registered. |          | Total Deaths including Deaths in Hospitals and Jails. |          | Deaths registered in Hospitals and Jails. | Total Deaths, excluding Deaths of Babies, Children and Non-residents. | Per Mille per Annum. |                   | Deaths of Children under One Year. | Deaths of Children under One Year per 1,000 Births registered. | Mean Temperature. | Rainfall in Inches. |
|----------------------------------|--|--|--------------------------|----------|---|----------|---|---|----------------------|-------------------|------------------------------------|--|-------------------|---------------------|
|                                  |  |  | Males.                   | Females. | Males.  | Females. |   |   | Birth-rate.          | Crude Death-rate. |                                    |  |                   |                     |
| <b>All 31 Towns</b>              | 423,109                                      | 484,240  | 785                      | 686      | 1,401   | 1,039    | 839                                       | 1,878   | 34.06                | 36.57             | 400                                | 38.63  |                   |                     |
| <b>Western Province.</b>         |  |  |                          |          |   |          |   |   |                      |                   |                                    |  |                   |                     |
| Colombo                          | 155,869                                      | 183,872  | 212                      | 210      | 422   | 350      | 300                                       | 650   | 27.02                | 37.39             | 155                                | 41.61  | 78.4              | 1.66                |
| Negombo                          | 19,819                                       | 20,589   | 43                       | 56       | 99  | 42       | 32  | 74  | 56.61                | 38.88             | 23                                 | 39.64  | —                 | 0.20                |
| Moratuwa                         | 29,600                                       | 34,809   | 84                       | 50       | 134   | 38       | 33  | 71  | 45.32                | 24.01             | 12                                 | 22.67  | —                 | —                   |
| Kelutara                         | 11,500                                       | 12,058   | 16                       | 29       | 45  | 19       | 18  | 37  | 43.84                | 28.31             | 8                                  | 27.59  | —                 | 2.06                |
| Panadura                         | 3,845  | 4,338  | 6                        | 5        | 11  | 11       | 10  | 21  | 29.86                | 54.29             | 4                                  | 57.65  | —                 | —                   |
| <b>Central Province.</b>         |  |  |                          |          |   |          |   |   |                      |                   |                                    |  |                   |                     |
| Kandy                            | 26,511                                       | 29,860   | 37                       | 28       | 65  | 72       | 56  | 128   | 25.63                | 31.54             | 10                                 | 33.07  | 74.5              | 5.38                |
| Gampola                          | 3,791  | 4,732  | 18                       | 9        | 27  | 18       | 12  | 30  | 67.18                | 74.65             | 6                                  | 78.95  | —                 | 2.61                |
| Nawalapitiya                     | 3,454  | 4,131  | 3                        | 5        | 8   | 20       | 15  | 35  | 22.80                | 22.80             | 3                                  | 27.19  | —                 | —                   |
| "Hatton and Dikoya."             | 2,858  | 3,840  | 1                        | 4        | 5   | 17       | 8   | 25  | 15.33                | 9.20              | 3                                  | —  | —                 | 1.98                |
| Matale                           | 4,951  | 5,682  | 12                       | 5        | 17  | 36       | 34  | 70  | 35.22                | 47.66             | 3                                  | 54.31  | —                 | 2.44                |
| Nuwara Eliya                     | 5,072  | 8,509  | 8                        | 5        | 13  | 3        | 5   | 8   | 17.98                | 4.15              | 1                                  | 5.44   | —                 | 6.03                |
| <b>Northern Province.</b>        |  |  |                          |          |   |          |   |   |                      |                   |                                    |  |                   |                     |
| Jaffna                           | 33,870                                       | 35,493   | 59                       | 67       | 126   | 60       | 48  | 108   | 41.79                | 35.16             | 45                                 | 37.05  | 77.2              | 1.67                |
| Mannar                           | 3,338  | 3,338  | 12                       | 5        | 17  | 6        | 4   | 10  | 59.96                | 35.27             | 4                                  | 40.27  | —                 | 1.80                |
| Mullaitivu                       | 1,308  | 1,418  | 2                        | 1        | 3   | 3        | 4   | 7   | 24.90                | 41.51             | 1                                  | 45.44  | —                 | 0.71                |
| Vavuniya                         | 566  | 599  | 2                        | 1        | 3   | 2        | 1   | 3   | 59.00                | 59.00             | 2                                  | 70.94  | —                 | 2.14                |
| <b>Southern Province.</b>        |  |  |                          |          |   |          |   |   |                      |                   |                                    |  |                   |                     |
| Galle                            | 37,165                                       | 40,433   | 60                       | 58       | 118   | 67       | 67  | 134   | 34.36                | 36.10             | 26                                 | 35.30  | 78.0              | 2.13                |
| Matara                           | 11,848                                       | 13,445   | 33                       | 31       | 64  | 23       | 18  | 41  | 56.04                | 33.27             | 13                                 | 32.21  | —                 | 1.04                |
| Weligama                         | 7,430  | 10,303   | 17                       | 12       | 29  | 12       | 5   | 17  | 19.42                | 19.42             | 6                                  | —  | —                 | —                   |
| Hambantota                       | 2,843  | 3,087  | 5                        | 7        | 12  | 3        | 5   | 8   | 45.77                | 26.70             | 2                                  | 27.95  | —                 | 2.74                |
| Tangalla                         | 2,333  | 2,672  | 5                        | 4        | 9   | 4        | 6   | 10  | 39.65                | 30.84             | 3                                  | 32.58  | —                 | 1.30                |
| <b>Eastern Province.</b>         |  |  |                          |          |   |          |   |   |                      |                   |                                    |  |                   |                     |
| Batticaloa                       | 9,969  | 10,498   | 13                       | 13       | 26  | 15       | 14  | 29  | 29.09                | 32.52             | 5                                  | 33.54  | 77.5              | 2.44                |
| Trincomalee                      | 11,887                                       | 11,295   | 12                       | 12       | 24  | 12       | 12  | 24  | 25.02                | 25.02             | 5                                  | 29.01  | 78.8              | 3.28                |
| <b>North-Western Province.</b>   |  |  |                          |          |   |          |   |   |                      |                   |                                    |  |                   |                     |
| Kurunegala                       | 6,483  | 8,312  | 13                       | 8        | 21  | 74       | 54  | 128   | 29.74                | 137.40            | 26                                 | 161.96   | 78.4              | 2.03                |
| Futtalam                         | 5,115  | 6,234  | 9                        | 6        | 15  | 17       | 8   | 25  | 33.74                | 47.24             | 7                                  | 48.36  | 78.0              | 1.00                |
| Kalpitiya                        | 1,487  | 1,652  | 3                        | —        | 3   | 1        | 2   | 3   | 21.37                | 21.37             | 1                                  | —  | —                 | —                   |
| Chilaw                           | 4,168  | 4,564  | 13                       | 7        | 20  | 6        | 5   | 11  | 51.59                | 28.37             | 3                                  | 28.91  | —                 | No records          |
| <b>North-Central Province.</b>   |  |  |                          |          |   |          |   |   |                      |                   |                                    |  |                   |                     |
| Anuradhapura                     | 3,672  | 5,045  | 9                        | 5        | 14  | 29       | 12  | 41  | 32.67                | 84.01             | 9                                  | 96.81  | 77.4              | 0.57                |
| <b>Province of Uva.</b>          |  |  |                          |          |   |          |   |   |                      |                   |                                    |  |                   |                     |
| Badulla                          | 5,924  | 6,797  | 10                       | 13       | 23  | 19       | 17  | 36  | 39.84                | 24.25             | 5                                  | 24.80  | 69.7              | 6.22                |
| Lunugala                         | —  | 416**  | 1                        | —        | 1   | 10       | 3   | 13  | 28.30                | 28.30             | 1                                  | —  | —                 | —                   |
| <b>Province of Sabaragamuwa.</b> |  |  |                          |          |   |          |   |   |                      |                   |                                    |  |                   |                     |
| Ratnapura                        | 4,084  | 4,615  | 11                       | 6        | 17  | 36       | 19  | 55  | 43.37                | 58.68             | 4                                  | 60.72  | 78.5              | 4.04                |
| Kegalla                          | 2,340  | 2,604  | 6                        | 4        | 10  | 14       | 12  | 26  | 45.21                | 40.69             | 2                                  | 42.42  | —                 | —                   |

\* By "corrected rate" is here meant the rate calculated for the population of each town on the basis that its age- and sex-constitution is the same as for the whole Island, and also excluding the deaths in hospitals of estate coolies and other non-residents.  
 † In each of these columns blanks appear against towns which do not possess observatories or rain gauges.  
 ‡ Includes 8 deaths of Colombo town residents (5 adults, 2 children of four years and 8 months respectively and an infant of 1 month), which occurred in the Infectious Diseases Hospital, Kanatta, and were registered by an extra-urban Registrar.  
 § The population of "Hatton and Dikoya," Weligama, Kalpitiya, and Lunugala towns at the Census of 1901 not being available by age- and sex-constitution, their corrected death-rates cannot be calculated. The death-rate given for "All Towns" is, therefore, independent of these three towns, but is scarcely affected by their rates owing to the smallness of their population.  
 ¶ The population of Mannar and Trincomalee towns at the Census of 1891 not being available, no estimate can be made of the rate of growth 1891-1900 or 1901-1909. Their population estimated for 1909 is the Census population of 1901, less (in the case of Trincomalee) the Military, who are no longer stationed there.  
 \*\* The population of Lunugala town (as now constituted) was not enumerated at the Census of 1901. The figure given is of the population estimated at the beginning of October, 1907.





Table III.—Number of Births and Deaths registered during the Month of January, 1909, and their Proportion per 1,000 of the Population, and the Deaths of Children under One Year, and their Proportion per 1,000 Registered Births, in each Ward of the Colombo Municipality.

| Wards.                            | Population of (inclusive of the Military) at the Census of 1901. | Population estimated to the middle of 1909 by Inter-censal Increase. | Total Births registered. |          | Total Deaths including Deaths in Hospitals and Jails. |        | Deaths registered in Hospitals and Jails. | Total Deaths excluding Deaths (if any) of Estates and Non-residents. | Per Mille per Annum. |          |             | Deaths of Children under One Year. | Deaths of Children under One Year of Age to 1,000 Births registered.† |                   |                        |
|-----------------------------------|--|--|--------------------------|----------|---|--------|---|--|----------------------|----------|-------------|------------------------------------|---|-------------------|------------------------|
|                                   |  |  | Males.                   | Females. | Persons.  | Males. |   |  | Females.             | Persons. | Birth-rate. |                                    |   | Crude Death-rate. | Corrected Death-rate.* |
| Colombo Town                      | 155,869  | 188,872  | 212                      | 210      | 422   | 350    | 300                                       | 650  | 172                  | 584      | 27.02       | 37.39                              | 41.61   | 155               | 367                    |
| Fort and Galle Face               | 2,285  | 2,285§   | —                        | —        | —   | 2      | —   | 2  | —                    | 1        | —           | 5.15                               | —   | —                 | —                      |
| Pettah                            | 7,561  | 7,561§   | 4                        | 2        | 6   | 7      | 5   | 12   | 1                    | 12       | 9.34        | 18.68                              | —   | 5                 | 833                    |
| St. Sebastian                     | 9,349  | 10,709   | 9                        | 14       | 23  | 5      | 13  | 18   | —                    | 18       | 25.28       | 19.79                              | —   | 6                 | 261                    |
| St. Paul's                        | 20,260   | 24,258   | 17                       | 24       | 41  | 26     | 21  | 46   | 2                    | 46       | 19.90       | 22.32                              | —   | 16                | 390                    |
| Kotahena                          | 33,355   | 38,666   | 39                       | 39       | 78  | 56     | 70  | 126  | —                    | 126      | 23.75       | 38.36                              | —   | 38                | 487                    |
| New Bazaar                        | 17,470   | 20,404   | 23                       | 26       | 49  | 31     | 43  | 74   | 2                    | 74       | 28.27       | 42.70                              | —   | 23                | 469                    |
| Maredana Hospitals                | 30,381   | 37,549   | 41                       | 38       | 79  | 106    | 58  | 164  | 164                  | 99       | —           | —                                  | —   | 15                | —                      |
| Maredana (exclusive of Hospitals) | 16,927   | 20,286   | 40                       | 31       | 71  | 71     | 55  | 126  | 3                    | 126      | 22.26       | 39.51                              | —   | 30                | 422                    |
| Slave Island                      | 18,281   | 23,610   | 30                       | 23       | 53  | 28     | 25  | 53   | —                    | 53       | 30.77       | 30.77                              | —   | 14                | 264                    |
| Kollupitiya                       | 18,281   | 23,610   | 9                        | 13       | 22  | 19     | 10  | 29   | —                    | 29       | 10.97       | 14.46                              | —   | 8                 | 364                    |

\* For explanation of "corrected death-rate" vide Table I. footnote marked (\*). The population of the several wards of the town at the Census of 1901 not being available by age and sex-composition, their corrected death-rates cannot be calculated.

† Infantile death-rates have been omitted where the number of births is less than five.

‡ Includes eight deaths of town residents which occurred in the Infectious Diseases Hospital at Kanatta registered by an extra-urban Registrar.

§ The population of these two wards being a fluctuating one, their estimated population cannot be calculated. Hence the Census figures are retained.



Table IV.—Causes of Deaths registered during the Month of January, 1909, in each Ward and Race of the Colombo Municipality.

| Causes of Deaths.                              | Colombo Town. | Ward.                |         |                |             |           |             |                     |                                    | Deaths among all Races. |              |            |           |            |        |        |         |         |   |
|--|---------------|----------------------|---------|----------------|-------------|-----------|-------------|---------------------|------------------------------------|-------------------------|--------------|------------|-----------|------------|--------|--------|---------|---------|---|
|  |               | Fort and Galle Face. | Pettah. | St. Sebastian. | St. Paul's. | Kotahena. | New Bazaar. | Maradana Hospitals. | Maradana (exclusive of Hospitals). | Slave Island.           | Kollupitiya. | Europeans. | Burghers. | Sinhalese. | Tamil. | Moors. | Malays. | Others. |   |
| All Causes                                     | 650*          | 2                    | 12      | 18             | 46          | 126       | 74          | 164                 | 126                                | 53                      | 29           | 10         | 32        | 323        | 138    | 104    | 28      | 15      |   |
| <b>I.—Infantile Mortality</b>                  | 155           | —                    | 5       | 6              | 16          | 33        | 23          | 15                  | 30                                 | 14                      | 8            | 3          | 7         | 74         | 24     | 37     | 7       | 3       |   |
| <i>A.—One Week and under.</i>                  |               |                      |         |                |             |           |             |                     |                                    |                         |              |            |           |            |        |        |         |         |   |
| 1. Prematurity                                 | 12            | —                    | —       | —              | —           | 7         | —           | 2                   | 2                                  | —                       | 1            | 1          | —         | 7          | 3      | 1      | —       | —       | — |
| 2. Debility                                    | 11            | —                    | —       | 2              | —           | 1         | —           | 1                   | 2                                  | 2                       | 2            | —          | —         | 6          | 3      | 2      | —       | —       | — |
| 3. Convulsions                                 | 12            | —                    | —       | —              | —           | —         | —           | 1                   | 8                                  | 1                       | —            | —          | —         | 6          | —      | 3      | —       | —       | — |
| 4. Diarrhoea                                   | —             | —                    | —       | —              | —           | —         | —           | —                   | —                                  | —                       | —            | —          | —         | —          | —      | —      | —       | —       | — |
| 5. Tetanus                                     | 13            | —                    | —       | —              | —           | 3         | —           | —                   | —                                  | —                       | —            | —          | —         | —          | —      | —      | —       | —       | — |
| 6. Bronchitis                                  | —             | —                    | —       | 6              | —           | —         | —           | —                   | —                                  | —                       | —            | —          | —         | 2          | —      | —      | —       | —       | — |
| 7. Pneumonia                                   | —             | —                    | —       | —              | —           | —         | —           | —                   | —                                  | —                       | —            | —          | —         | —          | —      | —      | —       | —       | — |
| 8. Other Causes                                | 4†            | —                    | —       | —              | —           | 2         | —           | 2                   | —                                  | —                       | —            | —          | —         | —          | —      | —      | —       | —       | — |
| <i>B.—Over 1 Week and under 1 Year.</i>        |               |                      |         |                |             |           |             |                     |                                    |                         |              |            |           |            |        |        |         |         |   |
| 1. Prematurity                                 | —             | —                    | —       | —              | —           | —         | —           | —                   | —                                  | —                       | —            | —          | —         | —          | —      | —      | —       | —       | — |
| 2. Debility                                    | 12            | —                    | —       | —              | —           | —         | —           | 2                   | 3                                  | —                       | —            | —          | —         | 5          | 3      | 4      | —       | —       | — |
| 3. Convulsions                                 | 34            | —                    | —       | —              | —           | 8         | —           | —                   | 5                                  | 5                       | 3            | —          | 2         | 17         | 3      | 10     | —       | —       | — |
| 4. Diarrhoea                                   | 5             | —                    | —       | —              | —           | 4         | —           | —                   | —                                  | 1                       | —            | —          | —         | 3          | 1      | 1      | —       | —       | — |
| 5. Tetanus                                     | 2             | —                    | —       | —              | —           | —         | —           | —                   | —                                  | —                       | —            | —          | —         | —          | —      | —      | —       | —       | — |
| 6. Bronchitis                                  | 10            | —                    | —       | —              | —           | 1         | —           | 1                   | 1                                  | 1                       | —            | —          | —         | 3          | 2      | 2      | —       | —       | — |
| 7. Pneumonia                                   | 16            | —                    | —       | —              | —           | —         | —           | 4                   | 5                                  | —                       | —            | —          | —         | 10         | 2      | 3      | —       | —       | — |
| 8. Other Causes                                | 24†           | —                    | —       | —              | —           | 6         | —           | 2                   | 6                                  | 4                       | 1            | 2          | 3         | 10         | 4      | 5      | —       | —       | — |
| <b>II.—General Mortality (1 Year and over)</b> | 495           | 2                    | 7       | 12             | 30          | 88        | 51          | 149                 | 96                                 | 39                      | 21           | 7          | 25        | 249        | 114    | 67     | 21      | 12      |   |
| 1. Smallpox                                    | —             | —                    | —       | —              | —           | —         | —           | —                   | —                                  | —                       | —            | —          | —         | —          | —      | —      | —       | —       | — |
| 2. Chickenpox                                  | 7             | —                    | —       | —              | —           | —         | 2           | —                   | 3                                  | —                       | —            | —          | —         | —          | —      | —      | —       | —       | — |
| 3. Measles                                     | —             | —                    | —       | —              | —           | —         | —           | —                   | —                                  | —                       | —            | —          | —         | —          | —      | —      | —       | —       | — |
| 4. Influenza                                   | 3             | —                    | —       | —              | —           | —         | —           | —                   | —                                  | —                       | —            | —          | —         | —          | —      | —      | —       | —       | — |

\* Includes 8 deaths of town residents, which occurred in the Infectious Diseases Hospital at Karatta and registered by an extra-urban Registrar, all from Smallpox (2 Burghers, 2 Sinhalese, 1 Tamil, and 3 Moors), 1 from Pettah, 2 each from St. Paul's and New Bazaar, and 3 from Maradana.

† One each from Indigestion and Inanition (in Kotahena) and Cerebral Syphilis and Congestion of the lungs (in Maradana Hospitals).

‡ Seven deaths from Enteritis (4 in Maradana Ward and 1 each in Kotahena, Maradana Hospitals and Kollupitiya), 3 each from Dysentery, (1 each in St. Paul's, Kotahena, and New Bazaar), and Inanition (in Kotahena) and 1 each from Tuberculosis and Itches (in St. Sebastian), Smallpox (in St. Paul's), Meningitis (in Kotahena), Tabes Mesenterica (in Maradana Hospitals), Malnutrition and Dropsy (in Maradana Ward), Nephritis, Constipation, Fever, and Gastritis (in Slave Island).

Table IV.—Causes of Deaths registered during the Month of January, 1909, in each Ward and Race of the Colombo Municipality—*contd.*

| Causes of Death.   | Colombo Town. | Wards.               |         |                |             |           |             |                     |                                    |               |              | Deaths among all Races. |           |            |         |        |         |         |   |
|--|---------------|----------------------|---------|----------------|-------------|-----------|-------------|---------------------|------------------------------------|---------------|--------------|-------------------------|-----------|------------|---------|--------|---------|---------|---|
|  |               | Fort and Galle Face. | Pettah. | St. Sebastian. | St. Paul's. | Kotahena. | New Bazaar. | Maredana Hospitals. | Maredana (exclusive of Hospitals). | Slave Island. | Kollupitiya. | Europeans.              | Burghers. | Sinhalese. | Tamils. | Moors. | Malays. | Others. |   |
| <b>II.—General Mortality (1 Year and over)—<i>contd.</i></b> |               |                      |         |                |             |           |             |                     |                                    |               |              |                         |           |            |         |        |         |         |   |
| 5. Simple Fever .. .. .                                      | 2             |                      |         | 2              |             | 5         | 1           | 25                  | 8                                  | 2             |              | 3                       | 1         | 1          | 6       | 5      |         |         |   |
| 6. Enteric Fever .. .. .                                     | 50            |                      |         |                | 2           |           |             |                     |                                    | 4             |              | 2                       |           | 37         | 2       |        |         |         |   |
| 7. Remittent Fever .. .. .                                   | 1             |                      |         |                |             | 1         |             | 1                   | 1                                  |               |              |                         |           | 1          | 1       |        |         |         |   |
| 8. Ague .. .. .  | 2             |                      |         |                |             |           |             |                     |                                    |               |              |                         |           |            |         |        |         |         |   |
| 9. Malarial Cachexia .. .. .                                 |               |                      |         |                |             | 9         | 1           | 18                  | 4                                  | 3             |              | 1                       | 1         | 21         | 10      | 1      | 2       | 1       | 1 |
| 10. Cholera .. .. .  | 36            |                      |         |                | 4           | 4         | 4           | 24                  | 6                                  | 2             |              | 2                       | 4         | 16         | 20      | 5      | 1       | 1       | 1 |
| 11. Diarrhoea .. .. .  | 47            |                      |         | 1              | 4           | 4         | 4           | 9                   | 1                                  |               |              |                         |           | 6          | 3       | 5      | 1       | 1       | 1 |
| 12. Dysentery .. .. .  | 10            |                      |         |                | 4           |           |             | 1                   |                                    |               |              |                         |           |            |         | 18     |         |         |   |
| 13. Doehnius Duodenalis .. .. .                              | 1             |                      |         |                | 7           | 10        | 9           | 10                  | 1                                  | 7             |              | 2                       | 4         | 30         | 9       | 5      | 5       | 3       | 3 |
| 14. Cancer .. .. .   | 69            |                      | 3       | 7              |             |           |             | 1                   |                                    |               |              |                         | 21        | 1          |         |        |         |         |   |
| 15. Phthisis .. .. .   | 1             |                      |         |                |             | 1         |             |                     |                                    |               |              |                         | 2         | 2          |         |        |         |         |   |
| 16. Other Tubercular Diseases .. .. .                        | 2             |                      |         |                |             | 2         |             |                     |                                    |               |              |                         | 2         | 2          |         |        |         |         |   |
| 17. Anæmia .. .. .   | 4             |                      |         |                |             | 4         |             |                     |                                    |               |              |                         |           | 2          |         |        |         |         |   |
| 18. Diabetes Mellitus .. .. .                                | 10            |                      |         |                | 2           | 4         |             |                     |                                    |               |              |                         |           | 1          |         |        |         |         |   |
| 19. Convulsions .. .. .                                      | 2             |                      |         |                | 1           |           |             | 1                   |                                    |               |              |                         |           | 2          |         |        |         |         |   |
| 20. Tetanus .. .. .  | 10            |                      |         |                | 1           | 5         | 1           | 1                   |                                    |               |              |                         |           | 6          |         |        |         |         |   |
| 21. Bronchitis .. .. .                                       | 62            | 2                    | 3       | 3              | 3           | 16        | 8           | 15                  | 10                                 | 2             |              | 2                       | 10        | 28         | 19      | 8      | 4       | 1       | 1 |
| 22. Pneumonia .. .. .  | 4             |                      |         |                | 2           |           |             | 4                   |                                    |               |              |                         |           | 3          | 1       | 1      |         |         |   |
| 23. Other Diseases of Respiratory System .. .. .             | 11            |                      |         |                | 2           |           | 6           | 2                   |                                    |               |              |                         |           | 5          | 1       | 4      |         |         |   |
| 24. Bright's Disease and Nephritis .. .. .                   | 4             |                      |         |                | 1           |           |             |                     |                                    |               |              |                         |           | 2          |         |        |         |         |   |
| 25. Puerperal Convulsions .. .. .                            | 4             |                      |         |                | 1           |           |             |                     |                                    |               |              |                         |           | 2          |         |        |         |         |   |
| 26. Puerperal Fever .. .. .                                  |               |                      |         |                |             |           |             |                     |                                    |               |              |                         |           |            |         |        |         |         |   |
| 27. Miscarriage .. .. .                                      |               |                      |         |                |             |           |             |                     |                                    |               |              |                         |           |            |         |        |         |         |   |
| 28. Other and undefined Accidents of Child-birth .. .. .     | 5             |                      |         |                | 1           |           |             | 1                   |                                    | 1             |              |                         | 2         | 4          |         | 1      |         |         |   |
| 29. Starvation .. .. .                                       |               |                      |         |                |             |           |             |                     |                                    |               |              |                         |           |            |         |        |         |         |   |
| 30. Accidents or Negligence .. .. .                          | 5             |                      |         |                |             |           |             |                     |                                    | 2             |              |                         |           |            |         | 2      |         |         |   |
| 31. Homicide .. .. .   | 1             |                      |         |                |             |           |             |                     |                                    | 1             |              |                         |           |            |         |        |         |         |   |
| 32. Suicide .. .. .  |               |                      |         |                |             |           |             |                     |                                    |               |              |                         |           |            |         |        |         |         |   |
| 33. Execution .. .. .  |               |                      |         |                |             |           |             |                     |                                    |               |              |                         |           |            |         |        |         |         |   |
| 34. All other Causes .. .. .                                 | 139*          | 4                    | 1       | 5              | 28          | 17        | 33          | 31                  | 13                                 | 7             | 3            | 8                       | 75        | 26         | 16      | 7      |         | 4       |   |

\* Here are included 34 deaths from Old Age, 19 from Worms, 12 from Enteritis, 5 each from Paralysis and Pyæmia, and 4 from General Dropsy.