

SUPPLEMENT

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VITAL STATISTICS OF CEYLON.

REPORT OF THE REGISTRAR-GENERAL FOR THE FOURTH QUARTER OF 1898.

I.—Population.

1. THE estimated population of the Island on the last day of the quarter was 3,455,253, an increase of 12,042 on the previous quarter, due to an excess of 11,001 births over deaths, and of 1,041 arrivals over departures of Indian coolies. Table I, in the appendix gives the area and estimated population of each Province and district of the Island in the quarter and the number of marriages, births, and deaths registered therein.

2. *Arrivals and Departures of Indian Coolies.*—The total number of Indian coolies who arrived in the Island this quarter was 22,940 and of departures 21,889, both less than the average, but especially the departures, which were less by 26 per cent., the average number of arrivals and departures in the fourth quarters of the last five years being respectively 23,023 and 21,889.

II.—Marriages.

3. *Marriages.*—The number of general marriages—*i.e.*, marriages other than Kandyan or Mohammedan—registered in this quarter was 4,671, and of Kandyan marriages 2,055.

Table VI. in the appendix shows the marriages solemnized among the general community in every Province and district in the Island, the civil condition, nationality, the highest, lowest, and mean ages of the parties, the mode of solemnization, the number of bridegrooms and brides who were unable to sign their names in the register, &c.

Table VII. in the appendix gives similar information in respect of the Kandyans.

4. *First Marriages; Re-marriages.*—Of the 4,671 general marriages, 4,122 (equal to 88 per cent.) were between bachelors and spinsters, 110 between bachelors and widows, 369 between widowers and spinsters, 63 between widowers and widows, 3 between divorced men and widows, 4 between bachelors and divorced women.

5. *Age at Marriage.*—The mean age at marriage for the general community was 27·3 for males and 20·8 for females, and for Kandyans 27·0 for males and 20·0 for females.

6. *Minors.*—In the general community 5 per cent. of the bridegrooms and 52 per cent. of the brides, and amongst the Kandyans 13 per cent. of the bridegrooms and 68 per cent. of the brides, were under 21 years of age.

7. *Mixed Marriages.*—There were six mixed marriages in the quarter: 3 between Europeans and Burghers, 12 between Burghers and Sinhalese, and 17 between Sinhalese and Tamils.

8. *Signature in Marriage Register.*—Of the 9,342 persons married among the general community this quarter, 1,194 men and 3,568 women signed the register with marks; that is to say, 74 per cent. of the men and 24 per cent. of the women were able to write their names. Of the 4,110 persons married among the Kandyans, 746 men and 1,990 women signed the register with marks, *i.e.*, 64 per cent. of the men and 3 per cent. of the women were able to write their names.

III.—Births and Deaths.

9. *Births.*—The births registered in the quarter numbered 39,398 (53 Europeans, 173 Burghers, 29,006 Sinhalese, 7,529 Tamils, 2,507 Moors, 98 Malays, and 32 others), and were in the proportion of 48·5 to 1,000 persons living, as against 34·8, the average of the corresponding quarter in the ten years 1888–97, and 42·5 the rate in the fourth quarter of last year.

10. *Deaths.*—The deaths registered in the quarter amounted to 28,397 (30 Europeans, 100 Burghers, 18,438 Sinhalese, 7,841 Tamils, 1,854 Moors, 82 Malays, and 52 others), and corresponded to an annual rate of 35·7 per 1,000, as against 26·2, the average for ten preceding fourth quarters and 26·8 in the fourth quarter of last year.

11. *The Births and Deaths and their Rates* in this quarter are compared in the following statement with the results obtained in the previous quarter, the fourth quarter of last year, and the average of the corresponding quarters in the years 1888–97:—

	TABLE A.		Per Mille per Annum.	
	Births.	Deaths.	Birth-rate.	Death-rate.
Average of ten fourth quarters in 1888–97 ...	26,600	20,024	34·8	26·2
Fourth quarter of 1897 ...	33,405	21,046	42·5	26·8
Second quarter of 1898 ...	31,853	19,474	40·8	25·0
Third quarter of 1898 ...	29,868	21,539	37·6	27·1
Fourth quarter of 1898 ...	39,398	28,397	49·5	35·7

12. Table II. gives similar information to A in regard to each Province and district; Table I. gives the births and deaths according to sex, with the marriages, population, and area of each Province and district; Table VIII. the births according to nationality and sex; Table IX., the deaths for each month of the quarter according to nationality in every Province and district. The causes of deaths are shown in Table X. for every Province and district; and in Table XI. for the estates in the Central, Uva, and Sabaragamuwa Provinces, and in Kalutara and Colombo Districts of the Western Province; and in Table XII. for the town of Colombo according to wards and nationalities. Table XIII. shows the period of life at which the deaths of the various races occurred in every district.

13. *Sex.*—Of the total number of births (39,398), 20,317 were males and 19,081 were females, *i.e.*, 106 males to 100 females. Of the total number of deaths (28,397), 14,155 were males and 14,242 were females. Out of equal numbers living of each sex, there died 882 males to 1,000 females.

14. *Infant Mortality.*—The deaths of infants under one year numbered 7,538, and were in the proportion of 190 to 1,000 births. The rate of infant mortality varied in different districts from 431 (for Tamils) in Puttalam, 391 (for Sinhalese) in Matale, 387 (for Tamils) in Trincomalee, 323 (for Sinhalese) in Anuradhapura, 314 (for Sinhalese) in Kurunegala, 308 (for Moors) and 304 (for Sinhalese) in Puttalam, 292 (for Tamils) in Vavuniya, 268 (for Tamils) in Mannar, 261 (for Sinhalese) in Badulla, 260 (for Tamils) in Mullaitivu to 108 (for Sinhalese) in Colombo, 103 (for Sinhalese) in Matara, 101 (for Sinhalese) in Negombo, 99 (for Sinhalese) in Chilaw, and 93 (for Sinhalese) in Kalutara.

15. *Centenarians.*—Thirty-three deaths (11 males and 22 females) were reported to be of centenarians, but the ages reported cannot be relied on.

IV.—State of Public Health.

16. The general health of the population during the quarter compares unfavourably with the average, the death-rate being 35·7 against 26·3, the average for the seven fourth quarters in the period 1891–1897, an increase of about 30 per cent. There was even a greater increase in the birth-rate, *viz.*, to 49·5, from an average of 34·8 which was due principally to improved registration.

17. The deterioration in health was shared by every Province in the Island except the Southern, and was greatest in the Central, North-Western, and North-Central Provinces. As usual, the Western was the healthiest Province in the Island with a death-rate for the Sinhalese of 19·4. Chilaw was the healthiest district with a death-rate of 18·2, nearly the same as Negombo District (18·3), and Matara town beyond the Local Board Limits was, as in the last quarter, the healthiest subdivision in the Island with a death-rate of 13·9.

18. Tables III., IV., and V. in the appendix show the births and deaths, the birth-rates and death-rates per mille per annum for all ages and for infants in the several districts of the Island and in the subdivisions of those districts for this quarter, for the preceding quarter, for the fourth quarter of 1897, and the average of the fourth quarters of 1891-97. The rates shown are for the Sinhalese only in the Sinhalese districts and for the Tamils only in the Tamil districts. For the Puttalam District, where the Sinhalese, Tamils, and Mohammedans are found in almost equal numbers, and in the Batticaloa District, which is inhabited almost in equal numbers by the Tamils and Mohammedans, the rates are given for each section of the population. These separate rates furnish more trustworthy data for comparing the relative sanitary condition of the districts and subdivisions of the Island than if the rates included other nationalities temporarily resident in them. For the Puttalam District, where the Sinhalese and Mohammedans are found in almost equal numbers, and in the Batticaloa District, which is inhabited almost in equal numbers by Tamils and Mohammedans, the rates for the different sections of the population as well as for all races are given.

19. *Western Province.*—The death-rate in this Province among the Sinhalese (who form seven-eighths of the population and number about 710,000, and whose rate is therefore a good gauge of the sanitary condition of the Province) was 19·4, much the same as in the corresponding quarter of 1897 (19·6), but 1 per 1,000 higher than the average of the seven fourth quarters of 1891-97 (17·8).

20. The increase in the death-rate was shared by all the districts of the Province. The death-rate of the Colombo District was 18·9, or 2 per 1,000 higher than the corresponding period of 1891-97 (17·2), and every one of its divisions shows an increased mortality except Hewagam korale, which, with its death-rate of 15·2, is the second healthiest division in the Island this quarter, and the healthiest in the Province, a position usually held by Siyane korale, of which the mortality has this quarter risen to 15·8 from an average of 12·3. A similar rise is noticeable in Alutkuru korale south from 13·4 to 15·8, and in Salpiti korale from 15·7 to 17·2. The Colombo Municipality, as usual, heads the list with a mortality (33·6), about double that of any other division in the district.

21. The Negombo District shows a death-rate of 18·3 as against 17·9, the mean rate of the corresponding quarters of 1891-97. The decline in health was chiefly in Hapitigam korale, where the mortality rose from an average of 16·8 to 19·4. The populous division of Alutkuru korale north maintained its average health (15·7, average 15), and the town of Negombo showed an improvement from an average of 40·4 to 34·4.

22. In the Kalutara District the death-rate rose from an average of 18·9 to 21·1, and the rise was shared by all its divisions, the mortality varying from 19·1 in Rayigam korale to 24·9 in Kalutara town.

23. *Central Province.*—The health of this Province was unusually bad. The death-rate of the Sinhalese (who number about 268,000, out of a total population of 488,000) was 51·1 per 1,000, or about 64 per cent. in excess of the average (30·1). This deterioration was shared by all its districts, and was greatest in Matale. The estate Tamil population, who number over 200,000, also show similar increase in mortality.

24. In the Kandy District the mortality of the Sinhalese rose from an average of 27·5 to 42·9, and the mortality of the estate Tamil population from 28·2 to 33·2. The highest Sinhalese death-rate was in Uda Dumbara (68·5), followed by Harispattu with 51·4 and Tumpane with 48·0. The lowest mortality in the Province was, as usual, in Uda Bulatgama 20·7, which however is in excess of its average 18·2.

25. The Matale District was the unhealthiest district in the Island this quarter, with a Sinhalese death-rate as high as 84·6, which even for Matale is abnormal, and is an increase of 62 per cent. on its average 52·7 per 1,000. The estate Tamil population also rose in its death-rate from an average of 29·3 to 59·4. Every subdivision shared in the increased mortality, which was due to an epidemic of fever and dysentery. The unhealthiest subdivision was Matale north with the extraordinary death-rate of 108·4, more than three times its average (33·3), and with an infantile mortality of 434 per 1,000. The three other divisions do not show so great an increase, but the mortality is high enough, being over 70 per 1,000.

26. Nuwara Eliya District also showed a marked deterioration in health. The death-rate among the Sinhalese inhabitants, who number about 43,000, rose from an average of 29·4 to 40·5, and all its divisions shared in the rise. The greatest rise in mortality was in Nuwara Eliya town (usually the healthiest division) from 18·0 to 34·8. The unhealthiest division was as usual Walanane (48·1). The bulk of the population of the district is Tamil and resident in the estates, and numbers about 89,000, or more than double the Sinhalese population. The Tamil mortality also rose from an average of 25·7 to 31·5.

27. *Southern Province.*—The Southern Province is the only Province in the Island which does not show an increased mortality this quarter. The death-rate was 25·2 against the average (23·5), and the improvement was shared by all its districts. In the Galle District the mortality fell from an average of 25·6 to 25·4, and the improvement was shared by all its divisions except Galle Four Gravets beyond Municipal limits, Gangaboda pattu, and Walallawiti korale. The former division, usually the healthiest, has increased its death-rate from an average of 17·9 to 21·9. Hindum pattu, usually one of the unhealthiest divisions, is this quarter the healthiest, falling from an average of 26·4 to 18·4. Galle Municipality has improved from an average of 27·3 to 22·2. In the last quarter of 1897 the mortality was as low as 13·7, but this was due to inefficient registration since remedied.

28. The Matara District was the healthiest in the Province with a death-rate of 23·6, or 2 per 1,000 lower than the average. To the improved health of the district all the divisions except Gangaboda pattu contributed. The healthiest division was Matara Four Gravets beyond Local Board limits with a death-rate of 13·9 (about half its average), making the division this quarter, as in the last, the healthiest in the Island. The unhealthiest division was Gangaboda pattu, whose death-rate has risen from an average of 25·5 to 36·8.

29. The Hambantota District enjoyed much the same state of health as usual, with a death-rate of 28·0. This was due to its most populous division, Giruwa pattu west, in which the death-rate fell from an average of 26·9 to 24·5, and to Giruwa pattu east, which shows even greater improvement, from 26·1 to 21·5. The death-rate rose in Hambantota from 33·2 to 45·8, and still more in Magam pattu, from 50·8 to 92·1.

30. *Northern Province.*—This Province, which is a Tamil Province and comes next to the Western in point of health, was unusually unhealthy this quarter. The death-rate of the Tamil inhabitants, who number about 325,000, was 34·5 per 1,000, or about 50 per cent. in excess of the average (23·7). For this the Jaffna District, which contains nearly 300,000 of the population, was responsible. A severe epidemic of fever and pneumonia prevailed, which was due to the unusually heavy rains. The country being flat, a heavy flood does not run off. The water lodges in the soil (contaminated by an excessively congested population), floods houses and compounds, and results (says the Government Agent, Jaffna) in a type of malaria more deadly than in the Vanni Districts.

31. The number of deaths in the Jaffna division was so great that the Registrar was unable single-handed to inspect the dead in the division, issue certificates for burial, and register the deaths. As many as 61 deaths thus escaped registration in the quarter. The mortality of the division, excluding these deaths, was 31·6, and including them 36·9 (as against 25·1, the average for the fourth quarter 1891-97); and for the district 33·6 or, including these deaths, 34·4 (against an average of 22·3); and for the Province 34·7 or, including these deaths, 35·3 (against an average of 23·7). In Vadamardachi east of the Jaffna District the mortality rose as high as 60·1 from an average of 21·9.

32. Mannar and Mullaitivu Districts also showed higher death-rates than usual, 39·1 and 54·3 respectively, as against averages of 26·3 and 41·4. Vavuniya District showed a slight improvement from 50·7 to 46·9, but this may be due to fluctuations in registration. In the divisions of Tunukkai in Mullaitivu and of Panankamam in Vavuniya the figures—“3 births, 10 deaths,” “4 births, 10 deaths”—tell a sad tale of depopulation that has been going on in these districts for many years, thanks to bad water and food and to the trail of cholera that follows the Indian cooly. A better day seems to be dawning on the unfortunate inhabitants, now that the northern immigration route has been at last closed, and that vigorous efforts are being made to restore the ancient irrigation works of the district.

33. *Eastern Province.*—The health of the Eastern Province was about the same as usual. The death-rate of the Tamil inhabitants, who number about 100,000, was 29·7 against an average of 29·4, and of the Moors, who number about 60,000, was 25·6 against an average of 22·7. The bulk of the population is in the Batticaloa District, where the Tamil death-rate improved from an average of 28·4 to 24·6 and the Moorish rate from 23·0 to 20·8. The improvement was shared by most of the divisions. In Batticaloa Local Board the Tamil mortality rose from an average of 16·4 to 25·1, in Eravur, Rukam, and Karativu from 24·4 to 29·6, and in Nintavur and Akkaraipattu from 29·0 to 42·5, but fell in Mannunai-pattu exclusive of Local Board from 32·9 to 20·9, and in Chamanturai and Nadukadu from 22·8 to 18·0, and in Eruvil, Porativu, and Karavaku from 29·8 to 21·9. The Trincomalee District, unlike Batticaloa, was much less healthy than usual, the mortality rising from 33·8 to 53·1, and being shared by all its divisions except the town of Trincomalee.

34. *North-Western Province.*—This Province was also very unhealthy, with a Sinhalese death-rate of 51·7 or nearly double the average (29·4), and the unhealthiness was shared by all its districts. The Province includes divisions varying greatly in healthiness, from Pitigal korale north (of the Chilaw District) with a death-rate of 16·4 to over 100·0 in parts of Kurunegala District.

35. Kurunegala District shows a death-rate of 60·8 for the quarter as against 32·7, the average for the corresponding period of 1891–97, and the increase was shared by every one of its divisions except Dambadeni hatpattu, which is the most populous division and shows a fall in the rate from 36·1 to 29·1. The highest death-rate was as usual shown by the Kurunegala town (172·0, an increase upon its average of 100·0), and the next highest being Hiriyala hatpattu (114·4, over three times its average 35·9) and Weudawili hatpattu (103·3, a similar rise on its average 37·1). The lowest death-rate was as usual in Katugampola hatpattu, 24·9, which is a rise upon its average 20·9.

36. The Chilaw District presents a death-rate of 18·2, 2 per 1,000 in excess of the average, an increase due to Pitigal korale south, which contains about 5-6ths of the district population, and shows a rise in mortality from 14·5 to 16·4, and Pitigal korale north, which rose from 26·9 to 34·4. The Chilaw town itself shows greatly improved health with a death-rate of 15·0 against an average of 27·4.

37. The Puttalam District was also unhealthier than usual, the death-rate of the Sinhalese population rising from an average of 37·7 to 52·0, of the Tamil population from 40·8 to 58·3, and of the Mohammedan from 31·7 to 53·2. The highest mortality was in Kalpitiya division, 103·8 against an average of 40·9 for the Tamils, and 69·4 against 42·0 for the Mohammedans, who are the more prosperous community in the division.

38. *North-Central Province.*—This Province was much unhealthier than usual with a death-rate of 56·6, as against an average of 33·1 for the corresponding quarter of 1891–97. The unhealthiest division was Tamankaduwa palata with a death-rate of 121·6, more than double its average 51·3. The next highest death-rate was in Anuradhapura town 91·0, against an average of 51·0. The lowest death-rate was in Nuwaragampalata (49·3), against an average of 38·0. 39 deaths from cholera were registered in this quarter, which occurred in the preceding quarter in Tamankaduwa division. The infection was as usual brought by immigrant coolies. Altogether there were 72 deaths in the Anuradhapura District in the third quarter.

*Province of Uva.*—This Province also fared badly in health, its Sinhalese death-rate being 58·4, or 12 per 1,000 over its average, an increase shared by all its divisions and by the Tamil population on the estates, who show an increase from 37·4 to 40·6. The highest Sinhalese rate was 89·3 in Wellassa division (average 53·2), followed by 76·6 in Buttala division and 65·7 in Viyaluwa division. The lowest rate (32·6) was as usual in Udakinda.

39. *Province of Sabaragamuwa.*—The Province of Sabaragamuwa showed a rise in mortality from an average of 28·6 to 33·9, an increase shared by both its districts and by the estate population. The Ratnapura District shows a Sinhalese death-rate of 39·3 against an average of 35·1, and Kegalla District a death-rate of 29·6 against an average of 23·3. The unhealthiest division in the Ratnapura District and in the Province was Kadawata korale, with a death-rate of 62·2 (average 41·2), and the healthiest was Kuruwiti korale (30·0). In Kegalla District the highest death-rate was 43·2 in Kinigoda korale and the lowest (20·4) in Beligal korale.

#### V.—Causes of Death.

40. The causes of deaths registered in the Island during the quarter are given in Table X. in the appendix. They may be summarized as follows:—

TABLE B.

District.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhoea.	Violence.				All other Causes.	Total.
					Accidents.	Suicide.	Homicide.	Execution.		
CEYLON ...	41	4	7,113	6,068	445	35	27	2	14,662	28,397
Colombo ...	—	—	394	486	35	2	1	1	1,709	2,628
Negombo ...	—	—	185	96	5	2	3	—	398	689
Kalutara ...	—	—	226	296	22	6	5	—	689	1,244
Kandy ...	—	1	430	1,117	51	6	1	—	1,627	3,233
Matale ...	—	—	660	236	10	3	2	—	724	1,635
Nuwara Eliya ...	1	1	93	437	17	2	1	—	566	1,118
Jaffna ...	—	—	1,170	195	46	—	1	1	1,140	2,553
Mannar ...	1	—	84	29	1	—	—	—	134	249
Mullaitivu ...	—	—	37	21	1	—	—	—	36	95
Vavuniya ...	—	—	34	14	3	—	—	—	42	93
Galle ...	—	—	203	337	31	5	3	—	947	1,526
Matara ...	—	—	207	357	18	—	—	—	551	1,133
Hambantota ...	—	—	316	94	16	1	3	—	209	639
Batticaloa ...	—	—	314	150	19	—	1	—	347	831
Trincomalee ...	—	—	145	80	3	—	—	—	138	366
Kurunegala ...	—	—	1,207	372	43	2	2	—	1,975	3,601
Puttalam ...	—	—	114	39	6	—	—	—	184	343
Chilaw ...	—	—	68	32	9	1	—	—	221	331
Anuradhapura ...	39	—	368	265	10	1	—	—	578	1,161
Badulla ...	—	2	492	709	32	1	1	—	968	2,205
Ratnapura ...	—	—	189	417	36	2	1	—	601	1,246
Kegalla ...	—	—	177	389	31	1	2	—	878	1,478

41. *Fever and Diarrhoeal Diseases.*—Of the 28,397 deaths registered in the quarter, 7,113 were reported as due to various forms of fever and 6,109 to diarrhoeal diseases, *i.e.*, fever and diarrhoeal diseases contributed 46 per cent. of the total number of deaths.

42. Under the head "Diarrhoeal Diseases" is included *cholera*, which accounted for 41 deaths, of which 1 was in Mannar, 1 in Nuwara Eliya, 39 in Anuradhapura.

43. There were 4 deaths from *smallpox* this quarter (2 in Badulla and 1 each in Kandy and Nuwara Eliya). Forty-nine deaths were due to *measles*, of which 3 were in Colombo, 10 in Kandy, 2 in Badulla, 2 in Kalutara, 4 in Nuwara Eliya, 2 in Galle, 4 in Matara, 3 in Kegalla, 1 in Ratnapura, 2 in Matale, 12 in Jaffna, 4 in Anuradhapura. Eight deaths were caused by *chickenpox*, of which 1 was in Galle, 1 in Matara, 2 in Kandy, 1 in Kalutara, 2 in Badulla, and 1 in Kegalla. Fifteen deaths resulted from whooping cough.

44. The other chief natural causes of death were infantile convulsions 2,812, general debility 1,114, anæmia 587, dropsy 678, phthisis 815, pneumonia 436, bronchitis 104, asthma 63, pleurisy 11, worms 899, thrush 277, *dochmius duodenalis* 54 (of which 19 were in Kandy, 6 in Colombo, 1 in Hambantota, 2 in Matara, 2 in Kurunegala, 6 in Ratnapura, 8 in Kegalla, 2 in Badulla, 2 in Matale, 3 in Nuwara Eliya, 2 in Chilaw, and 1 in Kalutara), puerperal convulsions 316, childbirth 340, old age 500, premature birth 249 (129 in Badulla, 53 in Colombo, 11 in Kandy, 9 in Nuwara Eliya, 4 in Matale, 9 in Matara, 8 in Kurunegala, 7 in Kalutara, 3 in Negombo, 4 in Galle, 1 in Chilaw, 4 in Ratnapura, 1 in Hambantota, and 6 in Jaffna), parangi 44 (11 in Kurunegala, 5 in Anuradhapura, 2 in Kandy, 2 in Matale, 1 in Batticaloa, 1 in Colombo, 3 in Galle, 1 in Kalutara, 1 in Vavuniya, 1 in Mullaitivu, 2 in Matara, 2 in Hambantota, 3 in Trincomalee, 5 in Badulla, 3 in Kegalla, and 1 in Ratnapura), want of breast-milk 106 (48 in Kandy, 21 in Kegalla, 6 in Badulla, 5 in Nuwara Eliya, 1 in Kalutara, 7 in Matale, 2 in Colombo, 1 in Mannar, 11 in Trincomalee, 1 in Kurunegala, 2 in Puttalam, and 1 in Chilaw), malarial cachexia 269 (26 in Colombo, 43 in Kandy, 52 in Kegalla, 17 in Kalutara, 9 in Negombo, 24 in Matale, 3 in Nuwara Eliya, 2 in Jaffna, 11 in Galle, 1 in Batticaloa, 1 in Mannar, 42 in Kurunegala, 2 in Puttalam, 2 in Chilaw, 6 in Anuradhapura, 8 in Badulla, 18 in Ratnapura, and 1 each in Matara and Hambantota), and hydrophobia 9 (1 in Colombo, 2 in Kalutara, 1 in Kandy, 2 in Galle, and 3 in Matara).

45. *Deaths by Violence.*—Of the 509 deaths attributed to these causes, 98 were reported to be due to fall from trees, 11 to fall from other heights, 110 to drowning, 32 to burns and scalds, 10 to poison, 15 to gun-shot wounds, 22 to fall of heavy substance, 25 to injury at birth, 3 to sunstroke, 79 to snake-bites, 2 to suffocation, 4 to falls into pits, 2 run over by train, 4 run over by carts, 1 to a carriage accident, 3 by alligators, 1 by a bull, 1 by a rat, 2 by buffaloes, 1 by a bear, 1 by a cheetah, 2 by hornets, 1 by a wild boar, and 1 to a fall while playing cricket.

46. Thirty-five deaths were attributed to *suicide*, of which 21 were by hanging, 3 by drowning, 7 by poison, 1 by cuts, and 3 otherwise.

47. As many as 27 deaths were attributed to *murder* and other forms of homicide (18 Sinhalese, 6 Tamils, 2 Moors, and 1 other). Of these, 1 occurred in Colombo, 3 in Negombo, 5 in Kalutara, 1 in Kandy, 2 in Matale, 1 in Nuwara Eliya, 1 in Jaffna, 3 in Galle, 3 in Hambantota, 1 in Batticaloa, 2 in Kurunegala, 2 in Kegalla, and 1 each in Ratnapura and Badulla.

48. Two men were *judicially executed*, 1 in Colombo and 1 in Jaffna.

## VI.—Health of the Estate Population.

49. The total number of births reported for registration from the estates in the Central, Uva, and Sabaragamuwa Provinces, and in the Colombo and Kalutara Districts of the Western Province, was 1,939 (of which 10 were Europeans, 4 Burghers, 50 Sinhalese, 1,857 Tamils, 13 Moors, 4 Malays, and 2 others), and the total number of deaths was 2,916 (1 European, 2 Burghers, 47 Sinhalese, 3,541 Tamils, 16 Moors, 3 Malays, and 6 others), corresponding respectively to an annual rate of 26·4 and 40·4 per 1,000.

50. The Kandy District has the largest estate population (over 100,000) and the Nuwara Eliya District the next largest (nearly 90,000). All the other districts together contain less than 100,000. The healthiest estates are, as usual, in Nuwara Eliya District, which shows for the estate population a mortality of 28·3 and a birth-rate of 21·4; the unhealthiest estates are in the Kalutara District with a death-rate as high as 68·2, and in Matale District with a death-rate of 60·9. The causes of deaths are given in Table XI., and may be summarized as follows:—

TABLE C.

Fever ...	275	Premature birth ...	13	Pneumonia ...	146
Diarrhoea ...	515	Infantile convulsions ...	138	Diseases of parturition ...	55
Dysentery ...	590	Phthisis ...	32	Debility ...	420
Want of breast-milk ...	50	<i>Dochmius duodenalis</i> ...	29	General dropsy ...	116
Old age ...	93	Bronchitis ...	26	Other causes ...	418

51. The following Table D gives the estimated population of the estates in each district, its birth- and death-rates for the fourth and third quarters of 1898, the fourth quarter of 1897, and the average of the fourth quarters 1891-97:—

TABLE D.

District.	Estimated Population in 1898.	Birth-rate per Mille per Annum.				Death-rate per Mille per Annum.			
		Average of 4th Quarters, 1891-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.	Average of 4th Quarters, 1891-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.
Kandy ...	104,062	27·6	36·5	29·1	24·9	28·2	35·7	39·1	35·2
Matale ...	15,758	28·8	43·7	33·7	25·1	29·3	33·6	47·3	60·9
Nuwara Eliya ...	88,909	29·7	32·9	22·9	21·4	25·7	24·3	32·4	28·3
Badulla ...	25,385	39·1	51·9	34·5	41·3	37·4	42·6	40·6	40·6
Ratnapura ...	10,826	43·1	64·7	31·1	27·5	49·7	96·7	87·6	54·6
Kegalla ...	32,090	22·6	26·9	28·7	27·4	38·0	46·9	48·7	49·8
Colombo ...	4,852	15·4	19·0	18·8	14·7	57·6	64·5	49·1	63·0
Kalutara ...	8,783	12·6	15·6	14·5	20·3	41·3	34·6	47·0	68·2
Total ...	290,665	28·3	36·6	27·4	25·3	29·8	37·3	40·9	38·8

52. *Kandy District.*—The total number of births reported for registration from the estates in the Kandy District was 694 (of which 653 were Tamils, 21 Sinhalese, 10 Moors, 3 Malays, 2 others, 2 Burghers, and 3 Europeans), and the deaths numbered 954 (of which 924 were Tamils, 14 Sinhalese, 1 Malay, 7 Moors, 6 others, 1 Burgher, and 1 European). The Tamil birth-rate in the quarter was equal to 24.9, as against a mean rate of 27.6 in the fourth quarters of 1891-97; and the Tamil death-rate was equal to 35.2 per 1,000, as against the mean rate of 28.2 for the corresponding period of 1891-97. As usual, the most fatal causes were diarrhoeal diseases, which caused 382 deaths (149 from diarrhoea and 233 from dysentery), or nearly 40 per cent. of the total number of deaths. The other chief causes of death were debility 138 (including mostly deaths of infants from inability to suck milk), fever 58, malarial cachexia 32, pneumonia 41, bronchitis 13, infantile convulsions 52, general dropsy 44, doehmius duodenalis 13, starvation and want of breast-milk 16, childbirth 14, old age 30, premature birth 5, anæmia 2, and phthisis 17.

53. *Matale District.*—The total number of births reported for registration from the estates in the Matale District was 103 (100 Tamils, 1 Malay, 1 European, and 1 Sinhalese), and the deaths numbered 245 (242 Tamils, 1 Sinhalese, 1 Moor, and 1 Malay), and corresponded to an annual birth-rate of 25.1 against a mean rate of 28.8 for the corresponding periods of 1891-97, and a death-rate of 60.9 against a mean rate of 29.3 in the fourth quarters of 1891-97. Dysentery and diarrhoea caused 58 deaths, *i.e.*, 23 per cent. of the total number of deaths, fever 69, debility 14, pneumonia 8, general dropsy 7, childbirth 14, old age 12, and infantile convulsions 25.

54. *Nuwara Eliya District.*—The total number of births reported for registration from the estates in the Nuwara Eliya District was 491 (479 Tamils, 7 Sinhalese, and 5 Europeans), and the deaths numbered 653 (635 Tamils, 14 Sinhalese, 3 Moors, and 1 Malay), and corresponded to an annual birth-rate of 21.4 against a mean rate of 29.7 in the fourth quarters of 1891-97, and a death-rate of 28.3 against a mean rate of 25.7. Dysentery and diarrhoea were fatal in 255 cases, or nearly 39 per cent. of the total number of deaths. 142 deaths were attributed to debility (mostly of infants from inability to suck), 22 to fevers, 50 to pneumonia, 2 to bronchitis, 43 to dropsy, 9 to infantile convulsions, 25 to old age, and 14 to childbirth.

55. *Badulla District.*—The total number of births reported for registration from the estates in the Badulla District was 268 (264 Tamils, 1 European, 1 Burgher, and 2 Sinhalese), and the deaths numbered 261 (260 Tamils and 1 Sinhalese), and corresponded to an annual birth-rate of 41.3 against a mean rate of 39.1 in the corresponding period of 1891-97, and a death-rate of 40.6 against a mean rate of 37.4 in the fourth quarters of 1891-97 respectively. Dysentery and diarrhoea were fatal in 89 cases, or nearly 35 per cent. of the total number of deaths (261), debility in 53 cases (mostly of infants from inability to suck), fevers in 26, general dropsy in 6, pneumonia in 20, starvation and want of breast-milk in 1, infantile convulsions in 12, old age in 6, and bronchitis in 5.

56. *Ratnapura District.*—The total number of births reported for registration from the estates in the Ratnapura District was 77 (75 Tamils, 1 Sinhalese, and 1 Burgher), and the deaths numbered 153 (149 Tamils, 3 Sinhalese, and 1 Burgher), and corresponded respectively to an annual birth-rate, among the Tamils, of 27.5 and a death-rate of 54.6. Here, as elsewhere, the most fatal causes were diarrhoeal diseases, which caused 61 deaths (31 from diarrhoea and 30 from dysentery), or 40 per cent. of the total number of deaths. The other principal causes of deaths were infantile convulsions 2, fevers 26, debility 18, malarial cachexia 4, and old age 5.

57. *Kegalla District.*—The total number of births reported for registration from the estates in the Kegalla District was 237 (222 Tamils, 12 Sinhalese, and 3 Moors), and the deaths numbered 415 (403 Tamils, 8 Sinhalese, and 4 Moors), and corresponded respectively to an annual birth-rate, among the Tamils, of 27.4 against a mean rate of 22.6 in the corresponding quarters for the last seven years, and a death-rate of 49.8 against a mean rate of 38.0 in the corresponding period in the last seven years. The largest number of deaths in the district, as elsewhere, was due to diarrhoeal causes, being 151 (99 from diarrhoea and 52 from dysentery), or 36 per cent. of the total number of deaths. Of the other principal causes of deaths, fevers accounted for 54 deaths, debility 28 (mostly infants due to inability to suck), doehmius duodenalis 6, general dropsy 11, malarial cachexia 48, pneumonia 10, infantile convulsions 19, phthisis 4, old age 11, bronchitis 3, and starvation 20.

58. *Colombo District.*—The total number of births reported for registration from the estates in the Colombo District, by which is meant the Avisawella division of the district, was 22 (18 Tamils and 4 Sinhalese), and the number of deaths was 81 (77 Tamils and 4 Sinhalese), and corresponded to an annual birth-rate of 14.7 and death-rate of 63.0. Diarrhoeal diseases, were fatal in 42 cases (15 dysentery and 27 diarrhoea), *i.e.*, 51 per cent. of the total number of deaths (81). The other principal causes of deaths were debility 4, fever 6, pneumonia 4, anæmia 11, and old age 3.

59. *Kalutara District.*—The total number of estate births registered in this district was 47 (45 Tamils and 2 Sinhalese), and the deaths numbered 154 (151 Tamils, 2 Sinhalese, and 1 Moor), and corresponded to an annual birth-rate, among the Tamils, of 20.3, and a death-rate of 68.2. The most fatal causes were diarrhoeal diseases, to which 67 deaths (47 from dysentery and 20 from diarrhoea), *i.e.*, 43 per cent. of the total number of deaths (154) were attributed. The other principal causes of deaths were debility 26, malarial cachexia 7, infantile convulsions 7, fevers 14, and pneumonia 9.

#### VII.—Health of the Town of Colombo.

60. The deaths registered in the town of Colombo during this quarter numbered 1,130, corresponding to an annual rate of 31.6 per 1,000, being 11 per cent. lower than the mean rate for the fourth quarter in the preceding five years (35.7).

61. The births registered in the quarter numbered 921, representing an annual rate of 25.8 per 1,000, which is 16 per cent. higher than the average of the fourth quarters in 1893-97, and 46 per cent. higher than the average for 1887-92.

62. As usual, the death-rate exceeded the birth-rate, due mainly to the preponderance of males over females (chiefly among the Europeans, Indian Tamils, and Mohammedans), to the presence of hospitals, which add to the normal mortality of the town, and to the registration of births, which, though much improved, is still somewhat defective.

63. The subjoined Table E gives the births and deaths and their rates for each nationality in the fourth quarter of this year, and the average rates for the fourth quarters in 1897-92 and in 1893-97:—

TABLE E.

Nationality.	Population at the Census of 1891.	Births.			Deaths.			Birth-rate per Mille per Annum.			Death-rate per Mille per Annum.		
		Average of Fourth Quarters, 1887-92.	Average of Fourth Quarters, 1893-97.	Fourth Quarter, 1898.	Average of Fourth Quarters, 1887-92.	Average of Fourth Quarters, 1893-97.	Fourth Quarter, 1898.	Average of Fourth Quarters, 1887-92.	Average of Fourth Quarters, 1893-97.	Fourth Quarter, 1898.	Average of Fourth Quarters, 1887-92.	Average of Fourth Quarters, 1893-97.	Fourth Quarter, 1898.
		ALL RACES ...	127836	562	765	921	655	1,224	1,130	17.7	22.3	25.8	20.6
Europeans, including the Military...	2,239	10	18	23	9	18	19	17.7	31.2	40.8	15.6	31.2	33.7
Burghers ...	10,674	34	47	93	23	78	57	12.8	17.5	34.6	8.8	29.1	21.2
Sinhalese ...	59,962	233	311	491	245	557	503	15.9	20.6	32.5	16.6	36.9	33.6
Tamils ...	24,372	31	53	101	112	264	262	5.1	8.7	16.4	18.2	43.0	42.6
Moors ...	24,428	230	293	171	231	241	226	37.4	47.6	27.8	37.7	39.2	36.7
Malays ...	3,437	17	33	31	22	37	32	20.3	38.3	35.8	25.4	42.5	36.9
Others ...	2,724	7	10	11	13	29	26	10.9	14.3	16.0	20.8	42.8	37.9

64. The birth- and death-rates given in the above table for the Europeans, Malays, and the races classed together as "Others" are not reliable, owing chiefly to their population being too small for purposes of rate calculation.

65. Excluding the rates for these sections of the population, the lowest death-rate was, as usual, among the Burghers (21.2, against an average of 29.1 in the last five years), and the highest among the Tamils (42.6, nearly their average 43.0). The Moorish death-rate (36.7) shows a decline of 2.5 per 1,000 below the average, and the Sinhalese death-rate (36.9) a decline of 3.3 per 1,000.

66. Of these four principal nationalities, the Sinhalese, Tamils, and Burghers have shown a steady improvement in the births registered, their average rates during 1893-97 being higher than the averages in 1887-92, and their rates in the present quarter being higher than their averages in 1893-97, and a further improvement may be expected with the greater attention paid to registration by the public in consequence of recent prosecutions of defaulters. The Moorish birth-rate is still below the averages for both these periods.

67. The number of births and deaths of the different races in the different wards in the town, their rates per 1,000, the principal zymotic causes of death, &c., during the fourth quarter of 1898, are shown in the following table.

TABLE F.

Ward.	Population at Census of 1891.	Births.									Deaths.													Annual Rate per 1,000.	Deaths of Children under One Year.												
		Total Births.		Class.							Total Deaths.		Class.					Causes of Death.																			
		Persons.	Males.	Females.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.	Persons.	Males.	Females.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.	Cholera.	Smallpox.			Measles.	Fevers.	Dochmius duodenalis.	Diarrhoea and Dysentery.	Violence.	Accident.	Homicide.	Suicide.	Execution.	Births.	Deaths.	
Colombo Town ...	127836	921	481	440	23	93	491	101	171	31	11	1130	615	515	19	57	508	262	226	32	26	—	—	2	103	6	178	18	1	1	—	—	25.8	31.6	30		
Fort & Galle Face Pettah ...	2541	6	2	4	5	—	1	—	—	—	—	8	3	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Sebastian ...	7961	20	9	11	—	3	10	1	—	—	—	25	17	8	—	3	12	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Paul's ...	16322	54	26	28	—	4	15	4	3	5	1	49	21	28	—	2	11	9	25	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kotahena ...	27935	97	63	34	—	3	29	27	3	0	—	130	74	56	—	4	28	55	41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
New Bazaar ...	14501	158	83	75	—	2	11	14	19	1	—	200	91	109	—	15	127	30	24	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Maradana :																																					
Hospitals and Jails Exclusive of above	23562	86	30	56	1	6	76	2	—	—	—	231	165	66	7	8	117	80	10	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Slave Island ...	13622	102	55	47	2	9	39	14	16	19	3	103	49	54	1	2	32	13	26	23	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kollupitiya ...	13449	83	43	40	10	17	41	10	4	—	1	78	40	38	3	8	37	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

68. The unhealthiest division of the town in the quarter was the New Bazaar Ward, with a death-rate of 36.1, followed by St. Paul's (31.6) and Slave Island (30.0). The low rate shown by the Fort and the Pettah Wards (12.5) is due to their population being chiefly a floating male adult one. Excluding therefore these two divisions from consideration, Kollupitiya Ward (23.0) is the healthiest in the town. The improvement in the birth-rate of the town is evidenced by four of the wards (St. Sebastian, New Bazaar, Kollupitiya, and Maradana) showing higher birth-rates than death-rates.

69. There were no deaths from cholera or smallpox in the town. Measles caused the death of 2 persons (both children) and whooping cough of 3. Phthisis, bronchitis, and pneumonia were fatal in 185 cases (against an average of 178 in the corresponding period of the last five years), dysentery and diarrhoea 178 (average 194), infantile convulsions 143 (average 165), debility 68 (average 86), old age 68 (average 47), premature birth 49 (average 21), remittent fever 42 (average 40), simple fever 41 (average 83), worms 29 (average 47), diseases of the circulatory system 28 (average 16), malarial cachexia 26 (average 30), parturition 26 (average 23), enteric fever 18 (average 21), paralysis 14 (average 17), anæmia 14 (average 16), dochmius duodenalis 6 (average 7). Other causes of death were tetanus 25, brain disease 8, asthma 7, obstruction of intestines 7, Bright's



disease 6, liver disease 6, alcoholism 4, leprosy 3. Of the 18 deaths attributed to accidents, 6 were due to drowning, 4 to burns, 2 to gun-shot wounds, 1 to being run over by a train, 1 to fall of a heavy substance, 1 to being entangled in machinery. One death resulted from homicide and 1 from suicide.

### VIII.—Health of the other Towns.

70. The total number of births registered in the principal towns, exclusive of Colombo, during the quarter numbered 2,202, corresponding to an annual rate of 38·4 per 1,000, an increase of 1·7 per 1,000 below the average for the corresponding period in 1891-97 (36·7).

71. The deaths numbered 2,166 and were at the annual rate of 37·7, an increase of 1·6 per 1,000 over the average (36·1).

72. The following Table G shows the birth- and death-rates in each of the principal towns of the Island for the fourth quarters of 1898 and 1897, and the average rates for the fourth quarters in 1891-97. For the towns Moratuwa, Panadure, Gampola, Nawalapitiya, Mannar, Mullaittivu, Vavuniya, Tangalla, and Kegalla, the figures for the fourth quarters in 1891-97 are not available for comparison with the present rates :—

TABLE G.

Town.	Population at the Census of 1891.	Fourth Quarter, 1898.			Birth-rate per Mille per Annum			Death-rate per Mille per Annum.			
		Total Births.	Total Deaths.	Deaths in Hospitals and Jails.	Average of Fourth Quarters, 1891-97.	Fourth Quarter, 1897.	Fourth Quarter, 1898.	Average of Fourth Quarters, 1891-97.	Fourth Quarter, 1897.	Fourth Quarter, 1898	Inclusive of Hospital and Jail Deaths.
<i>Western Province.</i>											
Colombo ...	127,835	921	1,130	241	21·3	18·5	25·8	Inclusive of Hospital and Jail Deaths.			
Negombo ...	18,933	187	141	20	73·1	35·2	39·2	32·2	36·4	31·6	24·9
Moratuwa ...	24,948	287	111	—	—	46·6	45·6	42·2	26·0	29·5	25·4
Kalutara ...	10,864	106	72	7	35·4	24·5	38·7	—	22·3	17·7	17·7
Panadure ...	3,245	45	46	24	—	54·2	55·0	26·6	25·2	26·9	23·7
<i>Central Province.</i>											
Kandy ...	20,558	202	226	93	14·5	25·7	39·0	—	56·0	56·2	26·9
Gampola ...	2,975	11	73	62	—	12·0	14·7	24·7	30·9	43·6	25·7
Nawalapitiya ...	2,542	14	107	90	—	45·3	21·8	—	65·3	97·4	14·7
Matale ...	4,197	31	123	59	20·0	40·6	29·3	—	118·6	167·0	26·5
Nuwara Eliya ...	2,726	15	45	27	26·4	17·5	21·8	58·2	71·8	116·3	60·5
<i>Northern Province.</i>											
Jaffna ...	35,856	329	268	7	43·3	34·6	36·4	33·0	30·5	29·7	28·9
Mannar ...	3,254	29	17	—	—	34·1	35·4	—	14·6	20·7	20·7
Mullaittivu ...	1,127	20	19	—	—	24·6	70·4	—	35·2	66·9	66·9
Vavuniya ...	467	4	5	—	—	8·5	34·0	—	101·9	42·5	42·5
<i>Southern Province.</i>											
Galle ...	33,590	233	202	21	36·4	15·8	27·5	40·2	12·8	23·9	21·4
Matara ...	11,500	129	59	10	34·1	37·4	44·5	37·2	53·5	20·4	16·9
Hambantota ...	2,588	37	22	6	39·9	46·0	56·7	37·1	26·1	33·7	24·5
Tangalla ...	1,436	23	11	1	—	38·7	63·6	—	16·6	30·4	27·6
<i>Eastern Province.</i>											
Batticaloa ...	7,257	106	42	—	21·3	24·6	57·9	14·7	18·0	22·9	22·9
Trincomalee ...	11,948	96	95	6	26·5	21·6	31·9	37·2	27·9	31·5	29·6
<i>North-Western Province.</i>											
Kurunegala ...	4,745	47	143	106	22·5	31·8	39·3	63·2	54·3	119·6	30·9
Puttalam ...	5,034	62	79	15	28·6	33·9	48·9	35·0	48·1	62·3	50·4
Chilaw ...	3,738	34	18	7	25·6	36·1	36·1	28·4	26·5	19·1	11·7
<i>North-Central Province.</i>											
Anuradhapura ...	2,508	28	50	12	25·2	52·2	44·3	44·7	50·6	79·1	60·1
<i>Province of Uva.</i>											
Badulla ...	5,023	64	75	45	37·5	42·6	50·6	44·4	53·7	59·2	23·7
<i>Province of Sabaragamuwa.</i>											
Ratnapura ...	3,527	45	79	57	27·8	29·2	50·6	45·3	92·2	88·8	24·7
Kegalla ...	3,143	18	38	24	—	15·1	22·7	—	34·1	48·0	17·7

73. The death-rates for the fourth quarter of 1898 are given (as was done in the case of the preceding quarter) inclusive and exclusive of the hospital and jail deaths. In some of the towns which attract large numbers of estate coolies and destitute poor to the hospitals, the difference between the two rates is striking, e.g., Kurunegala 119·6 and 30·9, Nawalapitiya 117·0 and 26·5, Matale 116·3 and 60·5, Gampola 97·4 and 14·7, Ratnapura 88·8 and 24·7. Excluding hospital deaths, the highest death-rate in the quarter was in the Matale town (60·5) and the lowest in Chilaw (11·7).

## APPENDIX.

Table I.—Area, Estimated Population, and the number of Marriages, Births, and Deaths registered in the Fourth Quarter of 1898.

Province and District.	Area in Square Miles.	Estimated Population,* October 1, 1898.	MARRIAGES.			BIRTHS.			DEATHS.		
			Total.	General.	Kandyan.	Total.	Males.	Females.	Total.	Males.	Females.
CEYLON ...	25,333	3,158,477	6,724	4,671	2,053	39,398	20,317	19,081	28,397	14,155	14,242
Western ...	1,432	820,681	2,174	2,174	—	8,502	4,393	4,109	4,561	2,339	2,222
Central ...	2,300	488,104	553	156	397	5,538	2,862	2,676	5,986	3,073	2,913
Northern ...	3,363	341,455	525	523	2	3,900	1,978	1,922	2,990	1,453	1,537
Southern ...	2,146	515,860	1,240	1,235	5	7,146	3,755	3,391	3,298	1,622	1,676
Eastern ...	4,037	164,869	116	97	19	2,309	1,186	1,123	1,197	587	610
North-Western ...	2,997	321,067	1,105	379	726	4,911	2,488	2,423	4,275	2,055	2,220
North-Central ...	4,002	75,427	173	12	161	1,198	611	587	1,161	566	595
Uva ...	3,155	166,471	211	27	184	2,186	1,106	1,080	2,205	1,106	1,099
Sabaragamuwa ...	1,901	264,543	629	68	561	3,708	1,938	1,770	2,724	1,354	1,370
Western.											
Colombo ...	561	470,636	1,191	1,191	—	4,585	2,445	2,180	2,628	1,327†	1,301
Negombo ...	247	150,066	448	448	—	1,536	777	759	689	363	326
Kalutara ...	624	199,979	535	535	—	2,381	1,211	1,170	1,244	649†	595
Central.											
Kandy ...	911	296,654	414	110	304	3,432	1,806	1,626	3,233	1,672	1,561
Matale ...	926	77,609	68	14	54	1,028	525	503	1,635	808	827
Nuwara Eliya ...	463	113,841	71	32	39	1,078	531	547	1,118	593	525
Northern.											
Jaffna ...	819	303,172	452	452	—	3,387	1,707	1,680	2,553	1,223	1,330
Mannar ...	546	23,618	52	52	—	310	163	147	249	133	116
Mullaitivu ...	936	7,085	11	11	—	101	57	44	95	48	47
Vavuniya ...	1,062	7,580	19	8	2	102	51	51	93	49	44
Southern.											
Galle ...	652	236,055	641	636	5	2,712	1,457	1,255	1,526	746	739
Matara ...	481	188,761	446	446	—	2,977	1,537	1,440	1,133	557	576
Hambantota ...	1,013	91,044	153	153	—	1,457	761	696	639	319	320
Eastern.											
Batticaloa ...	2,872	138,389	89	70	19	1,948	998	950	831	433	398
Trincomalee ...	1,165	26,480	27	27	—	361	188	173	366	154	212
North-Western.											
Kurunegala ...	1,845	228,315	830	125	705	3,698	1,847	1,851	3,601	1,693	1,908
Puttalam ...	890	25,265	5	32	21	351	176	175	343	185	158
Chilaw ...	262	67,487	222	222	—	862	465	397	331	177	154
North-Central.											
Anuradhapura ...	4,002	75,427	173	12	161	1,198	611	587	1,161	566	595
Uva.											
Badulla ...	3,155	166,471	211	27	184	2,186	1,106	1,080	2,205	1,106	1,099
Sabaragamuwa.											
Ratnapura ...	1,259	110,592	214	33	181	1,601	798	803	1,246	608	638
Kegalla ...	642	153,648	415	35	380	2,107	1,140	967	1,478	746	732

\* The estimate of the population is based on the Census of February 26, 1891, and the subsequent returns of births and deaths.

† Including a person whose sex was unknown.



Table II.— Birth- and Death-rates for the Fourth and Third Quarters of 1898, the Fourth Quarter of 1897, and for the Fourth Quarters in the Years 1888-97.

Province and District.	Birth-rate per Mille per Annum.				Death-rate per Mille per Annum.			
	Average of Ten Fourth Quarters of 1888-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.	Average of Ten Fourth Quarters of 1888-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.
CEYLON ...	34.8	42.5	37.6	49.5	26.3	26.8	27.1	35.7
Western ...	30.4	34.4	30.9	41.1	19.3	22.1	19.7	22.1
Central ...	33.2	48.5	37.8	45.0	28.3	31.2	37.6	48.7
Northern ...	35.8	34.6	39.9	45.3	24.8	25.0	23.5	34.7
Southern ...	34.4	38.6	34.2	55.0	26.6	23.1	21.2	25.4
Eastern ...	43.8	45.2	50.0	55.6	26.6	23.0	25.4	28.8
North-Western ...	35.9	52.7	44.7	60.7	29.6	26.2	30.5	52.8
North-Central ...	38.7	56.9	45.5	63.0	33.0	37.1	30.7	61.1
Uva ...	45.0	52.0	41.1	52.1	40.9	41.1	40.5	52.5
Sabaragamuwa ...	37.1	52.3	41.2	55.6	29.5	34.1	34.8	40.9
Western.								
Colombo ...	26.8	32.4	30.4	38.6	18.8	23.7	20.4	22.2
Negombo ...	39.5	40.5	31.2	40.6	19.0	15.8	14.5	18.2
Kalutara ...	32.5	34.6	31.7	47.2	20.4	22.9	21.8	24.7
Central.								
Kandy ...	31.9	47.0	37.5	45.9	27.2	31.8	34.7	43.2
Matale ...	37.8	59.5	41.2	52.5	36.4	32.5	48.4	83.6
Nuwara Eliya ...	33.5	45.0	36.2	37.6	25.5	28.7	37.7	39.0
Northern.								
Jaffna ...	36.1	33.8	40.2	44.3	23.5	23.5	22.1	33.4
Mannar ...	32.0	44.4	35.0	52.1	27.7	35.7	34.1	41.8
Mullaittivu ...	36.1	33.5	39.3	56.6	39.9	36.3	31.4	53.2
Vavuniya ...	34.2	33.5	42.4	53.4	46.3	37.7	40.3	48.7
Southern.								
Galle ...	35.3	35.3	33.5	45.6	27.1	21.1	22.5	25.6
Matara ...	35.0	40.1	31.9	62.6	24.9	26.6	19.6	23.8
Hambantota ...	30.6	44.2	40.6	63.5	28.6	21.1	20.8	27.8
Eastern.								
Batticaloa ...	45.3	44.4	49.9	55.9	25.8	20.5	23.2	23.8
Trincomalee ...	36.3	49.3	50.5	54.1	30.3	35.7	37.0	54.8
North-Western.								
Kurunegala ...	38.4	59.7	47.3	64.2	32.6	28.1	34.0	62.6
Puttalam ...	30.7	37.9	37.2	55.1	35.8	40.2	38.6	53.9
Chilaw ...	29.3	34.7	38.7	50.7	16.6	14.6	15.3	19.5
North-Central.								
Anuradhapura ...	38.7	50.9	45.5	63.0	33.0	37.1	30.7	61.1
Uva.								
Badulla ...	45.0	52.0	41.1	52.1	40.9	41.1	40.5	52.5
Sabaragamuwa.								
Ratoapura ...	39.9	54.3	42.2	57.4	36.9	40.0	41.1	44.7
Kegalla ...	35.2	50.9	40.5	54.3	24.1	29.8	30.3	38.1

Table III.—Sinhalese Births and Deaths, with the Birth-rate and the Death-rate for all Ages and for Infants in Sinhalese Districts.

Province, District, and Division.	Area in Square Miles.	Estimated Population at the beginning of the Quarter.	Births.	Deaths.	Birth-rate Per Mille per Annum.				Death-rate per Mille per Annum.				Deaths of Children under 1 Year to 1,000 Births in Fourth Quarter of 1898.
					Average of Seven Fourth Quarters, 1891-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.	Average of Seven Fourth Quarters, 1891-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.	
					CEYLON ...	25333	2,174,222	29,006	18,439	36.4	44.8	37.8	
WESTERN ...	1432	709,490	7,611	3,462	31.0	36.5	31.8	42.6	17.8	19.6	17.5	19.4	102
Colombo ...	561	396,964	4,061	1,893	28.4	34.7	31.7	40.6	17.2	19.9	17.5	18.9	108
Colombo Municipality ...	10	54,808	491	508	21.2	24.8	25.0	32.5	32.3	39.2	29.0	33.6	297
Alutkuru Korale South ...	72	62,837	614	251	28.0	41.0	31.1	38.8	13.4	17.3	14.5	15.8	99
Hewagam Korale... ...	170	59,958	628	230	37.8	36.7	33.0	41.6	18.4	16.9	17.5	15.2	96
Salpiti Korale ...	75	87,629	892	381	29.4	36.6	28.8	40.4	15.7	19.1	15.5	17.2	96
Siyane Korale ...	233 $\frac{3}{4}$	131,732	1,436	523	27.8	33.7	30.9	43.2	12.3	13.4	13.3	15.8	59
Negombo ...	247	130,427	1,422	601	35.9	43.3	32.6	43.3	17.9	16.3	14.9	18.3	101
Negombo Local Board ...	7 $\frac{1}{4}$	12,123	146	105	56.3	47.7	39.3	47.8	40.4	35.5	37.6	34.4	158
Alutkuru Korale North ...	159	88,814	942	352	32.8	41.8	31.0	42.1	15.1	14.4	11.9	15.7	94
Hapitigam Korale ...	81 $\frac{1}{4}$	29,490	334	144	36.8	45.9	34.6	44.9	16.8	14.1	14.3	19.4	96
Kalutara ...	624	182,099	2,128	967	32.9	35.4	31.6	46.4	18.9	21.2	19.3	21.1	93
Kalutara Local Board ...	1 $\frac{2}{3}$	8,766	80	55	30.4	27.8	30.4	36.2	22.0	24.2	23.1	24.9	175
Kalutara Totamuna ...	88 $\frac{3}{4}$	84,413	977	458	33.0	42.8	29.0	45.9	20.2	28.9	19.7	21.5	94
Pasdun Korale ...	403 $\frac{3}{4}$	40,349	506	220	34.6	36.1	36.1	49.7	18.5	16.2	17.3	21.6	77
Rayigam Korale ...	130	48,571	565	234	32.2	27.8	32.8	46.1	17.3	15.5	19.3	19.1	94
CENTRAL ...	2300	268,235	3,789	3,457	41.8	55.6	42.3	56.0	30.1	27.4	30.7	51.1	255
Kandy ...	911	169,443	2,402	1,832	39.5	52.3	41.6	56.2	27.5	26.8	27.2	42.9	218
Kandy Municipality ...	6 $\frac{2}{3}$	9,392	120	90	21.0	37.3	24.4	50.7	21.8	29.8	36.2	38.0	250
Harispattu ...	50 $\frac{7}{8}$	27,853	432	361	45.9	49.2	43.0	61.5	29.2	28.6	22.5	51.4	211
Pata Dumbara ...	107 $\frac{7}{8}$	32,092	455	347	35.5	53.1	41.7	56.3	23.9	23.0	26.4	42.9	207
Pata Hewaheta ...	57 $\frac{1}{2}$	13,282	169	105	37.1	47.4	34.4	50.5	25.4	25.7	26.6	31.4	178
Tumpane ...	46 $\frac{7}{8}$	11,485	184	139	42.0	54.8	37.1	63.6	23.1	24.2	22.9	48.0	288
Uda Bulatgama ...	230	10,934	88	57	24.9	52.1	28.0	31.9	18.2	17.7	20.4	20.7	159
Uda Dumbara ...	238 $\frac{1}{2}$	19,922	283	344	42.6	57.8	55.0	56.4	36.6	32.8	36.2	68.5	293
Uda Nuwara ...	34 $\frac{2}{3}$	12,207	189	91	38.6	44.0	45.5	61.4	23.7	27.7	21.3	29.6	175
Uda Palata ...	106	17,702	240	152	39.0	56.3	42.1	53.8	24.3	27.9	25.0	34.1	183
Yati Nuwara ...	33 $\frac{2}{3}$	14,574	242	146	55.8	66.0	45.9	65.9	35.1	30.8	34.9	39.7	215
Matale ...	926	55,448	827	1,182	45.6	64.2	42.8	59.2	52.7	29.6	43.4	84.6	391
Matale Local Board ...	1 $\frac{1}{4}$	1,621	12	32	34.1	54.5	46.3	29.4	41.5	39.7	63.4	78.3	667
Matale South ...	163 $\frac{3}{4}$	24,196	342	449	44.9	59.5	44.5	56.1	37.2	24.4	39.3	73.6	368
Matale East ...	373 $\frac{3}{4}$	13,650	209	264	52.5	69.4	40.6	60.7	45.9	33.5	50.2	76.7	366
Matale North ...	388 $\frac{3}{4}$	15,987	264	437	42.0	67.2	41.7	65.5	33.3	32.9	41.7	108.4	434
Nuwara Eliya ...	463	43,344	560	443	46.0	56.5	44.3	51.3	29.4	27.0	28.2	40.5	214
Nuwara Eliya Local Board and outside ...	4 $\frac{1}{2}$	1,368	10	12	27.1	58.6	32.0	29.0	18.0	43.0	20.4	34.8	500
Kotmale ...	236	13,782	143	104	38.9	43.6	36.3	41.2	26.2	24.3	27.7	29.9	266
Uda Hewaheta ...	108	16,892	247	190	43.6	63.1	49.6	58.0	29.9	24.9	23.4	44.6	170
Walapane ...	113 $\frac{3}{4}$	11,302	160	137	60.0	68.5	47.5	56.2	33.6	31.6	37.0	48.1	219
SOUTHERN ...	2146	492,134	6,971	3,128	34.3	39.4	34.8	56.2	26.5	23.0	20.7	25.2	121
Galle ...	652	223,278	2,644	1,428	35.5	36.7	34.2	47.0	26.6	21.2	22.1	25.4	135
Galle Municipality ...	6	25,255	192	141	33.7	19.4	25.5	30.2	27.3	13.7	20.4	22.2	172
Four Gravets beyond Municipal limits and Akmimana ...	25 $\frac{1}{2}$	18,654	196	103	28.2	27.5	33.5	41.7	17.9	17.4	21.1	21.9	128
Gangaboda Pattuwa ...	128 $\frac{3}{4}$	28,373	316	195	36.6	31.4	39.9	44.2	25.4	22.5	21.4	27.3	111
Wellaboda Pattuwa ...	83 $\frac{3}{4}$	57,651	737	382	34.8	43.0	35.4	50.7	28.4	22.0	23.8	26.3	126
Talpe Pattuwa ...	97	48,415	547	311	36.1	38.4	30.2	44.8	28.0	20.5	21.6	25.5	161
Walallawiti Korale ...	146	38,877	584	268	39.0	42.8	38.7	59.6	26.6	26.4	22.3	27.3	142
Hinidum Pattuwa ...	166	6,053	72	28	37.7	48.8	38.8	47.2	26.4	22.7	22.4	18.4	14
Matara ...	481	181,169	2,910	1,080	35.1	40.4	32.3	63.7	25.9	26.2	18.8	23.6	103
Matara Local Board ...	1 $\frac{1}{2}$	7,106	110	41	37.3	39.2	43.7	61.4	34.4	48.7	30.8	22.9	109
Four Gravets beyond Local Board limits ...	7 $\frac{1}{2}$	16,224	196	57	35.9	30.1	33.0	47.9	26.7	21.9	9.6	13.9	82
Wellaboda Pattuwa ...	51 $\frac{3}{4}$	40,465	668	218	33.6	37.7	34.6	65.5	22.6	26.4	16.2	21.4	93
Weligam Korale ...	111	48,458	780	260	37.5	40.0	28.3	63.9	23.2	23.6	15.5	21.3	80
Morawak Korale... ...	160	13,861	218	105	35.2	45.6	31.8	62.4	34.8	30.5	27.5	30.0	161
Kandaboda Pattuwa ...	70	22,393	394	137	31.5	51.0	36.8	69.8	29.3	26.8	22.6	24.3	112
Gangaboda Pattuwa ...	79 $\frac{3}{4}$	32,662	544	262	35.1	40.5	30.4	66.1	25.5	24.7	22.6	36.8	125

Table III.—continued.

Province, District, and Division.	Area in Square Miles.	Estimated Population at the beginning of the Quarter.	Births.	Deaths.	Birth-rate per Mille per Annum.				Death-rate per Mille per Annum.				Deaths of Children under 1 year to 1,000 Births in Fourth Quarter of 1898.
					Average of Seven Fourth Quarters of 1891-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.	Average of Seven Fourth Quarters of 1891-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.	
Hambantota ...	1,013	87,687	1,417	620	29.5	44.1	41.4	64.1	28.2	20.9	20.7	28.0	131
Hambantota Four Gravets	642½	1,040	13	12	35.4	41.8	19.0	49.6	33.2	22.8	30.4	45.8	97
Magam Pattu, exclusive of Four Gravets		4,737	88	110	40.9	56.5	57.3	73.7	50.8	36.0	35.4	92.1	375
Giruwa Pattu East	1,221	10,711	174	58	29.4	44.2	29.4	64.5	26.1	21.6	15.2	21.5	103
Giruwa Pattu West	247	71,199	1,142	440	27.1	43.2	42.5	63.6	26.9	19.8	20.4	24.5	117
EASTERN													
Batticaloa	4,037	7,593	86	92	36.3	48.8	39.7	44.9	30.6	34.1	38.7	48.1	314
Batticaloa Local Board	2,872	6,444	73	77	33.9	40.9	39.4	44.9	31.1	37.2	38.8	47.4	287
Manmunai Pattu, exclusive of Local Board	1¼	213	2	1	—	—	—	—	—	—	—	—	—
Bintenna	222	47	—	—	—	—	—	—	—	—	—	—	—
Chammanturai and Nadukadu	677½	2,503	34	33	35.3	31.7	60.4	53.9	32.9	41.2	50.8	52.3	206
Eravur—Rukam—Koralai	420½	1,162	9	11	50.2	63.0	37.6	30.7	42.3	38.5	30.8	37.6	779
Erivil—Porativu—Karawaku	662½	312	—	—	—	—	—	—	—	—	—	—	—
Nintavur—Akkarai Pattu	277	85	2	2	—	—	—	—	—	—	—	—	—
Panama Pattu	124½	1,126	13	11	24.1	39.1	7.0	45.8	22.8	39.1	21.1	38.8	154
NORTH-WESTERN													
Kurunegala	2,997½	279,659	44,32	3,643	36.8	54.4	46.8	62.9	29.4	24.9	27.8	51.7	276
Kurunegala Local Board	1,845	212,310	3,503	3,253	38.9	60.8	48.5	65.5	32.7	27.6	31.3	60.8	314
Dambadeni Hatpattu	1½	1,597	33	69	44.4	80.6	51.3	82.0	100.0	83.0	120.0	172.0	303
Dewamedi do.	164½	37,683	675	276	48.8	70.6	48.8	71.1	36.1	25.2	27.2	29.1	145
Hiriyala do.	186½	30,838	492	480	37.3	57.3	45.6	63.3	31.2	27.1	25.3	55.3	303
Katugampola do.	387½	23,069	495	806	43.4	61.6	45.9	70.0	35.9	30.0	39.5	114.0	640
Wanni do.	44.481	720	279	28.8	63.7	43.1	64.2	20.9	19.5	18.1	24.9	69	
Weudawili do.	569½	33,999	530	465	33.9	46.7	55.9	61.9	33.0	33.9	30.8	54.3	319
Puttalam	177	35,643	558	923	43.9	61.7	52.2	62.1	37.1	30.1	47.4	103.3	550
Puttalam Local Board	890	9,461	148	124	31.3	31.7	41.6	62.0	37.7	32.2	29.4	52.0	304
Demala Hatpattu	—	718	15	18	—	—	—	—	—	—	—	—	—
Kalpitiya Division	441½	5,942	98	86	39.2	41.3	51.0	65.4	47.1	39.2	31.5	57.4	327
Puttalam Division	315	361	11	3	—	—	—	—	—	—	—	—	—
Chilaw	133	2,440	24	17	16.2	8.2	21.2	39.0	15.1	8.2	9.7	27.6	208
Chilaw Town	262	57,888	781	266	29.6	34.8	41.3	53.5	16.4	13.5	14.5	18.2	99
Pitigal Korale North	—	2,245	26	9	28.7	41.0	21.2	45.9	27.4	32.1	21.2	15.9	115
Pitigal Korale South	132	6,000	73	52	24.1	29.0	50.1	48.3	26.9	20.2	13.3	34.4	110
NORTH-CENTRAL													
Anuradhapura	128½	49,643	682	206	30.5	35.2	41.1	54.5	14.5	11.4	14.3	16.4	97
Anuradhapura	4,002	60,663	994	866	40.0	52.9	48.1	65.0	33.1	39.1	31.1	56.6	323
Anuradhapura Town	4,002	60,663	994	866	40.0	52.9	48.1	65.0	33.1	39.1	31.1	56.6	323
Nuwaragam Palata	5½	769	11	19	32.6	46.4	46.5	56.7	51.0	61.9	41.3	98.0	454
Hurulu Palata	1,490	25,209	408	313	40.9	47.4	52.0	64.2	38.1	45.6	34.3	49.3	292
Kelegam Palata	1,040	19,375	295	276	39.4	52.4	43.5	60.4	28.9	36.8	30.8	56.5	366
Tamankaduwa Palata	311	13,614	248	206	37.4	64.3	49.3	72.3	27.0	28.9	22.6	60.0	306
Uva	1,155	1,696	32	52	59.3	54.5	34.9	74.9	46.5	42.6	51.3	121.6	406
Badulla	3,155	122,061	1,821	1,797	53.9	53.7	45.9	59.2	46.4	41.4	42.4	58.4	261
Badulla Local Board	3,155	122,061	1,821	1,797	53.9	53.7	45.9	59.2	46.4	41.4	42.4	58.4	261
Yatikinda Division	3	3,088	50	32	45.5	52.3	55.3	64.2	40.0	43.1	48.9	41.1	160
Bintenna do.	183½	20,774	304	228	55.7	63.1	54.4	58.1	41.4	41.8	44.6	43.5	220
Buttala do.	359	8,876	121	142	62.1	72.9	39.6	54.1	57.7	43.9	53.4	63.5	289
Wellawaya do.	567½	14,546	274	281	51.5	49.3	46.6	74.7	62.4	54.0	53.1	76.6	310
Udukinda do.	1,019½	7,226	100	118	44.7	42.1	41.2	54.9	59.3	32.7	39.0	64.8	306
Wellassa do.	188	29,716	375	244	51.0	61.8	44.6	50.1	30.5	32.5	30.3	32.6	173
Wiyaluwa do.	645½	21,101	307	475	54.9	47.2	45.7	57.7	53.2	53.1	46.1	39.3	410
SABARAGAMUWA	188	16,734	290	277	59.4	54.2	41.0	68.8	46.3	34.3	41.7	65.7	207
Ratnapura	1,901	231,604	3,281	1,978	41.4	51.7	40.6	56.2	28.6	26.1	26.0	33.9	164
Ratnapura Local Board	1,259	102,477	1,491	1,014	42.2	51.2	41.6	57.7	35.1	32.0	31.7	39.3	193
Kuruwiti Korale	2½	2,813	40	29	31.0	32.3	28.1	56.4	36.2	42.1	40.8	40.9	100
Nawadun do.	211½	24,204	314	183	41.1	41.8	35.9	51.5	27.6	29.4	30.4	30.0	169
Atakalan do.	193½	22,840	313	197	39.8	49.9	37.6	54.4	32.7	27.9	30.5	34.2	169
Kadawata do.	171½	15,803	256	161	45.5	74.4	50.9	64.3	40.1	33.5	34.3	40.4	250
Kolonna do.	130½	9,183	183	144	52.2	62.7	47.8	79.1	41.2	44.1	27.8	62.2	213
Kukulu do.	169	9,307	91	96	28.2	25.1	35.1	38.8	34.1	21.2	22.7	40.9	242
Meda do.	224½	6,714	103	52	44.6	53.4	53.2	60.9	31.0	33.6	48.5	30.7	117
Kegalla	156½	11,613	191	152	49.8	57.0	46.0	65.2	46.2	38.8	30.9	51.9	215
Beligal Korale	642	129,127	1,790	964	40.7	52.1	39.7	55.0	23.3	21.4	21.4	29.6	140
Galboda do.	162½	36,048	475	185	40.2	48.1	39.2	52.3	19.2	16.8	17.7	20.4	105
Kinigoda do.	56½	18,949	296	172	39.6	53.7	44.8	62.0	23.8	20.7	23.4	36.0	169
Paranakuru do.	42	15,232	246	166	50.3	75.8	43.7	64.1	32.7	28.1	25.9	43.2	211
Atulugam do.	57	24,037	345	189	41.9	54.6	41.8	56.9	25.0	26.0	21.6	31.2	159
Debigampal do.	125½	9,108	97	64	39.6	50.4	35.4	42.3	26.6	24.6	23.6	27.9	93
Panawal do.	74½	12,683	155	80	32.4	34.2	29.4	48.5	17.8	16.0	21.0	25.0	97
Lower Bulatgama	40	5,517	64	50	35.7	37.5	28.1	46.0	23.0	22.1	22.3	36.0	156
	84½	7,553	112	58	41.3	55.6	46.0	58.8	22.7	22.7	22.2	30.5	89

\* For Tamil statistics see Table IV.; for Mohammedan statistics see Table V.

Table IV.—Tamil Births and Deaths, with their rates per 1,000 of the estimated Population and the proportion of Infantile Deaths to 1,000 registered Births in Tamil Districts.

Province, District, and Division.	Area in Square Miles.	Estimated Population at the beginning of the Quarter.	Births.	Deaths.	Birth-rate per Mille per Annum.				Death-rate per Mille per Annum.				Deaths of Children under 1 year to 1,000 Births in the Fourth Quarter of 1898.
					Average of Seven Fourth Quarters of 1891-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.	Average of Seven Fourth Quarters of 1891-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.	
<b>NORTHERN</b> ...	3363	325,593	3,716	2,833	35.2	38.9	40.0	45.3	23.7	24.4	23.4	34.5	203
<i>Jaffna</i> ...	819	298,481	3,350	2,530	35.5	34.0	40.4	44.5	22.6	23.6	22.2	33.6	195
<i>Jaffna Division</i> ...	18	41,956	417	329	33.8	33.4	43.4	39.4	25.1	29.1	24.6	31.1	201
<i>Valikamam East</i> ...	40	24,006	264	199	36.1	33.4	44.9	43.6	18.0	18.3	20.8	32.9	159
<i>Valikamam North</i> ...	36	45,453	477	373	38.6	33.3	38.7	41.6	20.1	21.0	19.2	32.6	193
<i>Valikamam West</i> ...	38	47,771	518	410	36.4	30.8	37.1	43.0	20.4	21.3	16.9	34.1	187
<i>Vadamaradchi East</i> ...	34	4,224	68	64	40.9	45.4	52.6	63.9	21.9	28.4	51.7	60.1	294
<i>Vadamaradchi West</i> ...	55	50,342	591	400	39.0	41.5	35.6	46.6	21.0	21.9	23.6	31.5	159
<i>Tenmaradchi</i> ...	80	37,442	437	373	25.9	29.0	42.5	46.3	23.9	26.6	24.3	39.5	238
<i>Pachchilaippalli</i> ...	87	5,652	49	64	29.2	22.5	22.5	34.4	22.7	16.9	21.8	44.9	305
<i>Karaichchi</i> ...	123	1,676	6	13	10.2	—	21.2	14.2	16.3	—	37.7	30.8	833
<i>Punakari</i> ...	226	4,799	35	28	50.4	52.5	37.3	28.9	47.1	39.2	28.2	23.1	257
<i>Islands</i> ...	78	35,160	488	277	41.8	32.8	47.7	55.1	24.8	24.1	22.1	31.3	189
<i>Mannar</i> ...	546	15,022	198	148	28.0	34.5	33.0	52.3	26.3	30.6	38.0	39.1	268
<i>Mannar Islands Division</i> ...	47	5,642	77	45	40.1	36.4	33.8	54.1	25.0	27.3	33.1	31.6	182
<i>Mantai Division</i> ...	247	4,106	57	40	22.5	38.0	33.9	55.1	29.0	36.0	27.1	38.7	351
<i>Nanaddan Division</i> ...	251	5,274	64	63	19.1	29.8	31.4	48.1	25.8	29.8	51.6	47.4	297
<i>Mullaitivu</i> ...	936	6,501	96	89	36.6	34.6	37.9	58.6	41.4	37.6	31.2	54.3	260
<i>Karikkaddumulai</i> ...	350	4,236	72	61	32.8	38.2	40.4	67.4	41.5	40.1	28.2	57.2	181
<i>Mulliyawalai</i> ...	139	1,663	21	18	49.1	30.9	35.7	50.1	40.4	30.9	45.2	42.9	286
<i>Tunukkai</i> ...	446	602	3	10	—	—	—	—	—	—	—	—	—
<i>Vavuniya</i> ...	1062	5,585	72	66	29.6	26.1	39.0	51.1	50.7	39.5	41.9	46.9	292
<i>Kilakkumulai</i> ...	286	2,753	29	23	25.6	25.9	39.0	41.8	35.9	44.5	27.5	33.1	241
<i>Chinnacheddikulam</i> ...	158	746	17	13	35.1	31.7	31.6	90.4	81.0	21.0	68.5	69.1	118
<i>Melpattu</i> ...	220	1,510	22	20	28.4	13.0	39.3	57.8	49.9	26.1	52.4	52.5	409
<i>Panankamam</i> ...	397	580	4	10	—	—	—	—	—	—	—	—	—
<b>EASTERN</b> ...	4037	94,578	1331	708	42.3	43.1	49.6	55.8	29.4	23.3	26.2	29.7	183
<i>Batticaloa</i> ...	2872	77,703	1,121	482	44.5	45.4	50.6	57.2	28.4	21.3	23.3	24.6	150
<i>Batticaloa Local Board</i> ...	1	6,161	101	39	23.2	24.7	47.9	65.0	16.4	20.8	29.8	25.1	129
<i>Manmunaipattu, exclusive Local Board</i> ...	222	22,987	331	121	45.8	43.4	49.7	57.1	32.9	19.3	25.4	20.9	151
<i>Bintenna</i> ...	677	484	3	3	—	—	—	—	—	—	—	—	—
<i>Chammanturai—Nadukadu</i> ...	420	3,969	37	18	30.2	34.6	47.3	37.0	22.8	23.4	24.1	18.0	108
<i>Eravur—Bukam—and Koralai</i> ...	662	13,287	225	99	48.7	61.3	51.1	67.2	24.4	22.7	24.6	29.6	138
<i>Eruvil—Porativu—and Karavaku</i> ...	277	24,648	330	136	48.1	30.7	57.5	53.1	29.8	14.3	19.5	21.9	139
<i>Nintavur—Akkarai Pattu</i> ...	124	5,597	84	60	43.4	52.1	33.4	59.5	29.0	30.4	22.0	42.5	262
<i>Panama Pattu</i> ...	486	570	10	6	—	—	—	—	—	—	—	—	—
<i>Trincomalee</i> ...	1165	16,875	210	226	32.4	32.9	44.7	49.4	33.8	32.7	39.6	58.1	357
<i>Trincomalee Town</i> ...	1	8,736	80	75	26.7	21.2	43.1	36.3	40.2	31.1	46.3	34.1	375
<i>Kaddukulam Pattu</i> ...	490	2,493	36	42	36.4	25.1	34.9	57.3	29.8	31.4	44.2	66.8	306
<i>Koddiyar Pattu</i> ...	223	3,957	71	62	36.5	57.4	50.5	71.2	17.6	33.8	19.2	62.2	338
<i>Tampalakamam Pattu</i> ...	450	1,689	23	47	47.4	49.6	54.3	54.0	34.9	40.1	37.7	110.4	435
<b>NORTH-WESTERN</b> ...	2997	17,411	150	324	22.1	32.4	27.3	34.2	31.7	32.2	66.5	73.8	353
<i>Puttalam</i> ...	890	5,511	51	81	31.3	44.9	34.4	36.7	40.0	47.8	56.5	58.3	431
<i>Puttalam Local Board</i> ...	2	989	9	18	—	30.8	31.7	36.1	46.1	53.9	79.3	72.2	111
<i>Demala Hatpattu</i> ...	44	188	1	8	—	—	—	—	—	—	—	—	—
<i>Kalpitiya Division</i> ...	315	1,491	30	39	24.7	11.3	73.4	79.8	40.9	10.3	131.1	103.8	433
<i>Puttalam Division</i> ...	133	2,843	11	16	31.4	8.4	12.6	15.4	13.3	8.4	9.7	22.3	636

Table V.—Mohammedan Births and Deaths, with their rates per 1,000 of the estimated Population and the proportion of Infantile Deaths to 1,000 registered Births in Batticaloa and Puttalam Districts.

Province, District, and Division.	Area in Square Miles.	Estimated Population at the beginning of the Quarter.	Births.	Deaths.	Birth-rate per Mille per Annum.				Death-rate per Mille per Annum.				Deaths of Children under 1 year to 1,000 Births in the Fourth Quarter of 1898.
					Average of Seven Fourth Quarters of 1891-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.	Average of Seven Fourth Quarters of 1891-97.	Fourth Quarter of 1897.	Third Quarter of 1898.	Fourth Quarter of 1898.	
EASTERN ...	4037	59,144	869	381	46.9	47.3	53.0	58.3	22.7	20.2	22.4	25.6	183
<i>Batticaloa</i> ...	2872	51,895	751	272	47.9	44.5	51.1	57.4	23.0	18.0	21.1	20.8	164
Batticaloa Local Board	1 $\frac{1}{4}$	—	3	2	—	—	—	—	—	—	—	—	—
Manmunai Pattu, exclusive of Local Board	222	11,106	191	50	52.4	52.3	51.8	68.2	28.0	20.8	25.4	17.9	157
Bintenna ...	677 $\frac{1}{2}$	—	—	1	—	—	—	—	—	—	—	—	—
Chammanturai—Nadukadu ...	420 $\frac{1}{2}$	5,539	60	34	49.6	40.1	58.0	43.0	23.2	18.9	25.8	24.4	167
Eravur—Rukam—and Koralai ...	662 $\frac{1}{2}$	8,853	133	38	44.1	35.2	41.2	59.6	29.6	14.2	14.3	17.0	120
Eravil—Porativu—and Karavaku	277	12,814	164	58	43.4	42.6	55.1	50.8	21.3	17.4	24.8	18.0	189
Nintavur—Akkarai Pattu ...	124 $\frac{1}{2}$	11,449	178	69	51.8	46.7	52.0	61.7	22.2	17.4	16.3	23.9	157
Panama Pattu ...	486 $\frac{1}{2}$	1,567	22	20	57.9	69.7	40.5	55.7	40.7	33.6	15.2	50.6	364
NORTH-WESTERN ...	2997	22,230	307	295	—	—	35.5	54.8	—	—	37.5	52.7	309
<i>Puttalam</i> ...	890	9,688	146	130	30.6	40.6	36.4	59.8	31.7	45.5	38.5	53.2	308
Puttalam Local Board	—	2,649	36	40	32.9	41.6	23.9	53.9	29.4	54.9	32.9	59.9	389
Demala Hatpattu	441 $\frac{1}{4}$	447	11	6	—	—	—	—	—	—	—	—	—
Kalpiya Division	315	4,457	80	78	37.1	58.2	63.2	71.2	42.0	64.4	60.7	69.4	313
Puttalam Division	133	2,135	19	6	16.3	18.6	1.8	35.3	15.5	18.6	1.8	11.1	105

Table VI.—Marriages (General), Civil Condition, Nationality, Age, Mode of Solemnization, Signature of Marriage Register, &c., in the Fourth Quarter of 1898.

Province and District.	MARRIAGES.																																Signed Register with Marks.	
	Total Marriages.	Contracted between								Of		Contracted between								Of Persons not 21 Years of Age.		Contracted between Persons of same Race.				Marriages solemnized by Ministers.								
		Bachelors and Spinsters.	Bachelors and Widows.	Widowers and Spinsters.	Widowers and Widows.	Divorced Men and Spinsters.	Bachelors and Divorced Women.	Divorced Men and Widows.	Divorced Women and Widows.	Divorced Men and Divorced Women.	Widowers.	Widows.	European and Burgher.	European and Sinhalese.	European and Tamil.	Burgher and Sinhalese.	Burgher and Tamil.	Sinhalese and Tamil.	Other mixed Marriages.	European.	Burgher.	Sinhalese.	Tamil.	Others.	Males.	Females.	Highest Male Age.	Mean Male Age.	Lowest Male Age.	Highest Female Age.	Mean Female Age.	Lowest Female Age.	Males.	Females.
CEYLON ...	4671	4122	110	369	63	4	3	—	420	170	3	—	—	—	—	17	6	21	41	3791	780	—	232	2429	75	27.3	16	58	20.8	12	804	1194	3568	
Western	2174	1928	47	175	22	—	—	—	197	69	1	—	—	—	—	13	3	12	30	2044	69	93	1020	75	27.0	18	58	20.8	13	439	497	1479		
Central	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Northern	523	453	11	40	19	—	—	—	59	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Southern	1235	1102	31	91	10	—	—	—	89	39	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Eastern	97	86	2	5	3	—	—	—	8	5	—	—	—	—	—	—	—	—	—	1229	1	105	251	59	27.1	18	45	20.7	12	136	68	429		
North-Western	379	326	12	34	7	—	—	—	41	19	1	—	—	—	—	—	—	—	—	—	92	2	74	45	26.0	20	30	26.0	12	33	22	78		
North-Central	12	11	—	—	1	—	—	—	1	1	—	—	—	—	—	—	—	—	—	329	44	13	178	65	27.6	17	55	21.2	13	127	113	321		
Uva	27	22	1	3	—	—	—	—	3	1	—	—	—	—	—	—	—	—	—	5	7	—	3	48	29.4	25	29	22.2	16	1	2	8		
Sabaragamuwa	68	59	1	6	—	—	—	—	6	—	—	—	—	—	—	—	—	—	—	20	3	—	15	60	31.6	22	41	21.8	16	3	10	20		
Western.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61	4	1	43	60	27.7	20	35	20.1	15	7	25	56		
Colombo	1191	1046	31	100	13	—	—	—	113	44	1	—	—	—	—	—	—	—	—	1115	26	60	628	75	26.9	18	50	20.6	13	256	259	758		
Negombo	448	408	7	30	3	—	—	—	33	10	—	—	—	—	—	—	—	—	—	399	39	30	246	60	25.9	18	40	20.1	14	156	99	345		
Kalutara	535	474	9	45	6	—	—	—	51	15	—	—	—	—	—	—	—	—	—	530	4	3	146	64	28.1	19	58	21.8	14	27	189	376		
Central.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Kandy	110	96	3	10	1	—	—	—	11	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Matale	14	12	1	1	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Nuwara Eliya	32	27	1	4	—	—	—	—	4	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Northern.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jaffna	452	409	6	30	7	—	—	—	37	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mannar	52	28	5	10	9	—	—	—	19	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mullaitivu	11	9	—	—	2	—	—	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Vavuniya	8	7	—	—	1	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Southern.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Galle	636	554	17	58	6	—	—	—	54	23	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Matara	446	410	13	21	2	—	—	—	23	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hambantota	153	138	1	12	2	—	—	—	12	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Eastern.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Batticaloa	70	64	1	3	—	—	—	—	4	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Trincomalee	27	22	1	2	2	—	—	—	4	3	—	—	—	—	—	—	—	—	—	3	1	66	53	45	26.4	20	30	18.5	12	19	18	56		
North-Western.	—	—	—	—	—	—	—	—	4	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kurunegala	125	106	7	11	1	—	—	—	12	8	1	—	—	—	—	—	—	—	—	1	120	3	5	55	50	27.3	18	47	22.2	13	16	38	109	
Puttalam	32	25	—	4	3	—	—	—	7	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Chilaw	222	195	5	19	3	—	—	—	22	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
North-Central.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Anuradhapura	12	11	—	—	1	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Uva.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Badulla	27	22	1	3	—	—	—	—	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sabaragamuwa.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ratnapura	33	29	—	3	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	2	1	—	15	60	31.6	22	41	21.8	16	3	10	20		
Kegalla	35	30	1	3	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Table VII.—Marriages (Kandyan), Civil Condition, Age, Signature of Marriage Register, &c., in the Fourth Quarter of 1898.

Province and District.	Total Marriages.	Contracted between									Persons not 21 Years of Age.		Highest Male Age.	Mean Male Age.	Lowest Male Age.	Highest Female Age.	Mean Female Age.	Lowest Female Age.	Signed the Registers with Marks.	
		Bachelors and Spinners.	Bachelors and Widows.	Widowers and Spinners.	Widowers and Widows.	Divorced Men and Spinners.	Divorced Men and Widows.	Divorced Women and Bachelors.	Divorced Women and Widows.	Divorced Men and Divorced Women.	Males.	Females.							Males.	Females.
CEYLON ...	2055	1608	77	200	70	72	4	12	6	6	283	1393	65	27.0	15	68	20.0	13	746	1990
Central ...	397	338	16	23	7	9	1	1	1	1	62	247	58	27.9	18	48	20.0	13	160	375
Northern ...	2	2	—	—	—	—	—	—	—	—	1	1	27	23.5	20	23	19.5	16	1	2
Southern ...	5	5	—	—	—	—	—	—	—	—	—	—	5	28	23.8	22	19	17.6	16	2
Eastern ...	19	19	—	—	—	—	—	—	—	—	—	15	36	26.8	22	22	19.2	15	8	19
North-Western ...	726	490	32	107	45	43	1	1	3	4	61	477	60	27.3	15	45	19.4	14	219	713
North-Central ...	161	137	3	16	3	1	—	1	—	—	19	84	53	27.8	20	40	21.4	16	68	161
Uva ...	184	143	10	19	7	4	—	1	—	—	20	116	50	28.7	19	44	20.8	14	77	180
Sabaragamuwa ...	561	474	16	35	8	15	2	8	2	1	120	448	65	22.2	17	68	19.5	13	211	540
Central. Kandy ...	304	263	11	15	7	5	1	1	1	—	59	185	58	26.9	18	45	19.8	13	129	287
Matale ...	54	43	3	6	—	2	—	—	—	—	3	36	56	26.7	20	38	20.7	16	16	53
Nuwara Eliya ...	39	32	2	2	—	2	—	—	—	1	—	26	57	25.9	20	48	20.5	15	15	35
Northern Vavuniya ...	2	2	—	—	—	—	—	—	—	—	1	1	27	23.5	20	23	19.5	16	1	2
Southern. Galle ...	5	5	—	—	—	—	—	—	—	—	—	5	28	23.8	22	19	17.6	16	2	—
Eastern. Batticaloa ...	19	19	—	—	—	—	—	—	—	—	—	15	36	26.8	22	22	19.2	15	8	19
Trincomalee ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
North-Western. Kurunegala ...	705	481	29	101	42	43	1	1	3	4	58	462	60	27.4	15	45	19.4	14	211	692
Puttalam ...	21	9	3	6	3	—	—	—	—	—	3	15	38	25.7	20	25	20.2	14	8	21
North-Central. Anuradhapura ...	161	137	3	16	3	1	—	1	—	—	19	84	53	27.8	20	40	21.4	16	68	161
Uva. Badulla ...	184	143	10	19	7	4	—	1	—	—	20	116	50	28.7	19	44	20.8	14	77	180
Sabaragamuwa. Ratnapura ...	181	144	6	15	6	6	1	2	1	—	43	157	65	25.6	17	68	18.9	13	62	175
Kegalla ...	380	330	10	20	2	9	1	6	1	1	77	291	60	25.9	18	45	19.9	14	149	365



Table VIII.—Return of Births of each Nationality and Sex in each Province and District in the Island registered during the Fourth Quarter of 1898.

Province and District.		All Races.			Europeans.			Burghers.			Sinhalese.			Tamils.			Moors.			Malays.			Others.		
		Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.
CEYLON	...	39,398	20,317	19,081	53	30	23	173	89	84	29,006	14,995	14,011	7,529	3,854	3,675	2,507	1,287	1,220	98	45	53	32	17	15
Western	...	8,502	4,393	4,109	23	11	12	106	53	53	7,611	3,933	3,678	273	147	126	441	223	218	33	19	14	15	7	8
Central	...	5,538	2,862	2,676	24	17	7	25	13	12	3,789	1,953	1,836	1,370	704	666	301	164	137	23	9	14	6	2	4
Northern	...	3,900	1,978	1,922	—	—	—	4	1	3	21	13	8	3,716	1,876	1,840	159	88	71	—	—	—	—	—	—
Southern	...	7,146	3,755	3,391	1	—	—	9	2	7	6,971	3,669	3,302	21	9	12	128	66	62	12	5	7	4	4	
Eastern	...	2,309	1,186	1,123	3	2	1	8	6	2	86	47	39	1,331	690	641	869	436	433	10	4	6	2	1	
North-Western	...	4,911	2,488	2,423	—	—	—	11	7	4	4,432	2,233	2,199	150	84	66	307	160	147	9	4	5	2	—	
North-Central	...	1,198	611	587	—	—	—	1	1	—	994	509	485	56	29	27	145	70	75	1	1	—	1	—	
Uva	...	2,186	1,106	1,080	1	—	—	4	3	1	1,821	928	893	294	149	145	58	23	35	6	1	5	2	—	
Sabaragamuwa	...	3,708	1,938	1,770	1	—	—	5	3	2	3,281	1,710	1,571	318	166	152	99	57	42	4	2	—	—	—	
Western.																									
Colombo	...	4,585	24,05	2,180	23	11	12	99	51	48	4,061	2,122	1,939	144	82	62	214	115	99	31	18	13	13	6	7
Negombo	...	1,536	777	759	—	—	—	5	1	4	1,422	725	697	77	38	39	31	12	19	—	—	—	1	1	—
Kalutara	...	2,381	1,211	1,170	—	—	—	2	1	1	2,128	1,086	1,042	52	27	25	196	96	100	2	1	1	—	—	1
Central.																									
Kandy	...	3,432	1,806	1,626	16	12	4	19	11	8	2,402	1,259	1,143	758	396	362	212	118	94	21	8	13	4	2	2
Matale	...	1,028	525	503	1	1	—	2	1	1	827	418	409	125	65	60	72	40	32	1	—	1	—	—	—
Nuwara Eliya	...	1,078	531	547	7	4	3	4	1	3	560	276	284	487	243	244	17	6	11	1	1	—	2	—	2
Northern.																									
Jafna	...	3,387	1,707	1,680	—	—	—	3	1	2	—	—	—	3,350	1,688	1,662	34	18	16	—	—	—	—	—	—
Mannar	...	310	163	147	—	—	—	1	—	1	—	—	—	198	101	97	111	62	49	—	—	—	—	—	—
Mullaivittivu	...	101	57	44	—	—	—	—	—	—	—	—	—	96	54	42	5	3	2	—	—	—	—	—	—
Vavuniya	...	102	51	51	—	—	—	—	—	—	21	13	8	72	38	39	9	5	4	—	—	—	—	—	—
Southern.																									
Galle	...	2,712	1,457	1,255	1	—	—	4	—	4	2,644	1,424	1,220	5	4	1	57	28	29	—	—	—	1	1	—
Matara	...	2,977	1,537	1,440	—	—	—	4	2	2	2,910	1,501	1,409	10	3	7	53	31	22	—	—	—	—	—	—
Hambantota	...	1,457	761	696	—	—	—	1	—	1	1,417	744	673	6	2	4	18	7	11	12	5	7	3	3	—
Eastern.																									
Batticaloa	...	1,948	998	950	—	—	—	3	2	1	73	41	32	1,121	577	544	751	378	373	—	—	—	—	—	—
Trincomalee	...	361	188	173	3	2	1	5	4	1	13	6	7	210	113	97	118	58	60	10	4	6	2	1	1



Table IX.—Deaths among the various Races registered in each Month in Ceylon, and in each Province and District, in the Fourth Quarter of 1898.

Province and District.	OCTOBER.								NOVEMBER.								DECEMBER.								
	TOTAL.	Europeans.	Burghers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.	TOTAL.	Europeans.	Burghers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.	TOTAL.	Europeans.	Burghers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.	
CEYLON ...	7,570	726	4773	2223	505	21	15	8722	1231	5675	2327	624	32	21	12105	1143	7991	3290	725	29	16				
Western	1,365	716	1009	193	121	9	10	1479	721	1153	168	111	11	8	1717	726	1299	225	134	13	13				
Central	1,641	3	839	732	59	5	3	1971	45	1053	762	102	9	6	2374	25	1535	694	126	11	1				
Northern	680	2	2	643	33			763	1	7	711	44			1547		8	1479	60						
Southern	957	2	905	22	27		1	1057	3	1007	18	26	2	1	1284	4	1216	25	37	1	1				
Eastern	364	2	25	223	110	3	1	362	1	38	196	122	2	3	471	2	29	289	149	2					
North-Western	903		722	94	86	1		1150		962	92	89	6	1	2222	3	1959	138	120	2					
North-Central	262		205	17	39	1		345		227	39	77	2		554	1	434	75	44						
Uva	665		538	106	19	2		732		585	121	25	1		808	3	674	106	24		1				
Sabaragamuwa	733	1	528	193	11			863	1	613	220	28	1		1128	1	837	259	31						
Western.																									
Colombo	803	714	568	119	77	8	10	839	719	619	95	81	11	7	986	625	706	141	83	13	12				
Negombo	186	1	160	15	9	1		247	1	208	26	11		1	256	1	23	13	9						
Kalutara	376	1	281	59	35			393	1	326	47	19			475	1	360	71	42		1				
Central.																									
Kandy	877	3	446	383	40	3	2	1048	45	578	385	65	6	5	1308	23	808	409	78	7	1				
Matale	39		247	127	15	2	1	535		374	122	36	3		708	1	561	102	43	1					
Nuwara Eliya	372		146	222	4			388		131	255	1	1		358	1	166	183	5	3					
Northern.																									
Jaffna	585	2		579	4			645	1		636	8			1323			1315	8						
Mannar	55			32	23			73			41	32			121			75	46						
Mullaitivu	22			22				21			18	3			52			49	3						
Vavuniya	18		2	10	6			24		7	16	1			51		8	40	3						
Southern.																									
Galle	429	1	404	13	11			508	2	482	9	15			589	3	542	16	27		1				
Matara	357	1	336	9	11			356	1	338	7	10			420	1	406	7	6						
Hambantota	171		165		5	1		193		187	2	1	2	1	275		268	2	4	1					
Eastern.																									
Batticaloa	283		23	175	85			266		35	135	96			282		19	172	91						
Tricomalee	81	2	2	48	25	3	1	96	1	3	61	26	2	3	189	2	10	117	58	2					
North-Western.																									
Kurunegala	738		634	62	41	1		963		857	49	54	3		1900		1762	82	56						
Puttalam	93		26	27	40			98		35	25	35	2	1	152	3	63	29	55	2					
Chilaw	72		62	5	5			89		70	18		1		170		134	27	9						
North-Central.																									
Anuradhapura	262		205	17	39	1		345		227	39	77	2		554	1	434	75	44						
Uva.																									
Badulla	665		538	106	19	2		732		585	121	25	1		808	3	674	106	24		1				
Sabaragamuwa.																									
Ratnapura	347	1	279	66	1			390		319	67	3	1		509		416	88	5						
Kegalla	386		249	127	10			473	1	294	153	25			619	1	421	171	26						

Table X.—Causes of Deaths registered in Ceylon, and in each Province and District, for the Fourth Quarter of 1898.

CAUSE OF DEATH.	CEYLON.	WESTERN PROVINCE.			CENTRAL PROVINCE.			NORTHERN PROVINCE.				SOUTHERN PROVINCE.			EASTERN PROVINCE.		NORTH-WESTERN PROVINCE.			NORTH-CENT. PROV.	UVA PROV.	SAPARA-GAMUWA PROV.		DEATHS AMONG ALL RACES.							
		Colombo.	Negombo.	Kalutara.	Kandy.	Matale.	Nuwara-Eliya.	Jaffna.	Mannar.	Mullaitivu.	Vavuniya.	Galle.	Matara.	Hambantota.	Batticaloa.	Trincomalee.	Kurunegala.	Puttalam.	Chilaw.	Anuradhapura.	Badulla.	Ranapura.	Kegalla.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.	
ALL CAUSES	28397	2628	689	1244	3233	1635	1118	2553	249	95	93	1526	1133	639	831	366	3601	343	331	1161	2205	1246	1478	30	100	18438	7841	1854	82	52	
I. Specific, Febrile, or Zymotic diseases	13754	934	294	553	1624	926	552	1447	122	61	52	561	573	412	471	235	1624	156	102	584	1219	629	623	8	26	8492	4343	836	24	25	
II. Parasitic diseases	1230	159	44	57	184	129	34	3	—	—	—	57	7	—	—	—	236	2	46	37	6	70	156	—	1	1077	88	59	5	—	
III. Dietetic diseases	115	6	—	3	48	7	5	—	1	—	—	—	—	—	—	11	1	2	1	1	7	1	21	1	—	10	95	8	—	1	
IV. Constitutional diseases	1846	343	93	163	142	41	26	95	7	2	2	249	117	40	17	9	148	10	17	38	98	91	98	5	19	1417	278	113	10	4	
V. Developmental diseases	763	195	15	41	65	23	39	33	—	—	—	68	49	11	1	14	1	3	3	146	20	36	—	8	498	180	65	9	3		
VI. Local diseases	8349	833	221	350	759	412	220	789	90	21	26	523	358	127	265	93	1319	132	144	402	558	281	426	12	40	5756	1876	626	25	14	
VII. Violence	509	39	10	33	58	15	20	48	1	1	3	39	18	20	20	3	47	6	10	11	34	39	34	3	1	353	131	15	2	4	
VIII. Ill-defined and not specified causes	1831	119	12	44	353	82	222	138	28	10	10	29	11	26	57	15	212	34	8	85	137	115	84	1	5	835	850	132	7	1	
I. Miasmatic diseases	6976	361	174	225	434	641	107	1128	79	34	33	201	206	312	317	145	1185	112	64	372	483	186	177	5	6	4417	2051	477	13	7	
2 Diarrhoeal do.	6109	486	96	296	1117	236	433	193	30	21	14	337	357	94	150	80	372	39	32	204	709	417	389	3	15	3919	1851	304	5	12	
3 Malarial do.	508	70	20	22	61	47	3	59	6	3	1	18	7	5	1	64	4	6	—	24	24	56	—	5	121	327	46	4	5		
4 Zoogenous do.	10	1	—	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	8	1	—	—	—	
5 Venereal do.	10	1	—	1	1	2	1	2	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
6 Septic do.	141	15	4	7	10	—	3	63	7	3	4	2	—	1	3	10	3	—	—	—	—	—	—	—	—	3	6	—	1	—	
II. Parasitic diseases	1230	159	44	57	184	129	34	3	—	—	—	57	7	3	—	—	236	2	46	37	6	70	156	—	1	1077	88	59	5	—	
III. Dietetic diseases	115	6	—	3	48	7	5	—	1	—	—	—	—	—	—	11	1	2	1	1	7	1	21	1	—	10	95	8	—	1	
IV. Constitutional diseases	1846	343	93	163	142	41	26	95	7	2	2	249	117	40	17	9	148	10	17	38	98	91	98	5	19	1417	278	113	10	4	
V. Developmental diseases	763	195	15	41	65	23	39	33	—	—	—	68	49	11	1	14	1	3	3	146	20	36	—	8	498	180	65	9	3		
VI. Diseases of—																															
1 Nervous system	3218	399	71	257	128	67	44	322	39	10	11	400	294	86	26	48	316	70	40	68	306	122	94	2	24	2270	704	197	16	5	
2 Organs of special sense	11	—	—	2	1	1	1	—	—	—	—	2	—	—	—	—	—	—	—	1	—	1	—	—	—	—	8	3	—	—	—
3 Circulatory system	121	46	9	6	8	3	1	2	—	—	—	11	3	—	—	—	1	—	—	1	—	1	—	—	—	—	—	—	—	—	—
4 Respiratory do.	1428	126	7	22	210	134	107	114	24	7	10	27	3	6	56	18	191	34	31	9	3	1	8	5	6	82	22	5	—	1	
5 Digestive do.	321	37	7	11	48	7	20	30	1	1	—	19	15	8	13	4	7	3	5	5	134	7	60	2	4	811	465	138	7	1	
6 Lymphatic system and Ductless Glands	8	—	1	1	—	—	—	3	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	3	205	101	12	—	—
7 Urinary system	68	18	4	5	3	—	1	3	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	1	6	1	—	—	
8 Reproductive system:																															
(a) Organs of Generation	36	5	1	—	1	—	2	4	—	—	—	3	2	2	4	2	2	—	—	—	1	3	4	—	—	—	22	11	3	—	—
(b) Parturition	674	66	20	24	68	37	23	9	1	—	3	2	2	4	2	2	—	—	—	—	1	3	4	—	1	539	91	39	1	3	

Table X.—Causes of Deaths, &c.—continued.

CAUSE OF DEATH.	CEYLON.	WESTERN PROVINCE.			CENTRAL PROVINCE.				NORTHERN PROVINCE.				SOUTHERN PROVINCE.			EASTERN PROVINCE.		NORTH-WESTERN PROVINCE.			NORTH-CENT. PROV.	UVA PROV.	SABARAGAMUWA PROV.		DEATHS AMONG ALL RACES.								
		Colombo.	Negombo.	Kalutara.	Kandy.	Matale.	Nuwara Eliya.	Jaffna.	Mannar.	Mullattivu.	Vavuniya.	Galle.	Matara.	Hambantota.	Batticaloa.	Trincomalee.	Kurunegala.	Puttalam.	Chilaw.	Anuradhapura.	Badulla.	Ratnapura.	Kegalle.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.			
9 Organs of Loco. ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10 Integ. system ...	2463	136	101	22	292	163	21	302	25	3	2	28	13	10	160	16	646	15	42	181	21	96	168	1	—	1771	458	229	1	—	3		
VII.																																	
1 Accident or Negligence...	445	35	5	22	51	10	17	46	1	1	3	31	18	16	19	3	43	6	9	10	32	36	31	3	—	305	119	13	—	—	3		
2 Homicide ...	27	1	3	5	1	2	1	1	—	—	—	3	—	3	—	—	2	—	—	10	32	1	2	—	—	18	6	2	—	—	1		
3 Suicide ...	35	2	2	6	6	3	2	—	—	—	—	5	—	—	—	—	—	—	—	—	1	2	1	—	1	29	5	—	—	—	—		
4 Execution ...	2	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—		
VIII.																																	
Ill-defined and not specified causes ...	1831	119	12	44	353	82	222	138	28	10	10	29	11	26	57	15	212	34	8	85	137	115	84	1	5	835	850	132	7	—	1		
<i>Miasmatic Diseases.</i>																																	
Smallpox ...	4	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	4	—	—	—	—	—	
Chickenpox ...	8	—	—	1	2	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	2	—	1	—	—	3	5	—	—	—	—	—	
Measles ...	49	3	—	2	10	2	4	12	—	—	2	4	—	—	—	—	—	—	—	—	2	1	3	—	—	27	22	—	—	—	—		
Whooping Cough ...	15	7	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	4	5	—	—	—		
Diphtheria ...	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	
Simple & ill-defined fever...	5306	189	87	98	288	449	62	1110	79	34	33	96	3	261	314	145	1095	111	51	359	196	96	150	1	2	2930	1941	417	10	—	5		
Enteric Fever ...	1568	161	87	123	124	188	31	3	—	—	—	100	198	51	—	—	90	1	13	—	280	87	23	4	4	1441	59	55	3	—	2		
Influenza ...	25	1	—	1	9	2	8	—	—	—	—	1	—	—	—	—	—	—	—	—	1	2	—	—	—	10	15	—	—	—	—		
<i>Diarrhæal Diseases.</i>																																	
Cholera ...	41	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	39	—	—	—	—	—	—	1	6	34	—	—	—	
Diarrhœa ...	4341	304	75	230	718	167	228	115	20	14	14	321	287	68	97	55	324	19	22	140	474	323	326	1	6	3166	986	175	—	—	7		
Dysentery ...	1727	182	21	66	399	69	209	80	9	7	—	16	70	26	53	25	48	20	10	25	235	94	63	2	9	752	859	95	5	—	5		
<i>Malarial Diseases.</i>																																	
Remittent Fever ...	182	42	11	3	16	8	—	39	5	3	—	6	5	4	—	—	21	2	4	1	4	5	3	—	4	61	84	25	3	—	5		
Ague ...	57	2	—	2	2	15	—	18	—	—	1	1	1	—	—	—	1	—	—	—	12	1	1	—	—	20	34	3	—	—	—		
Malarial Cachexia ...	269	26	9	17	43	24	3	2	1	—	—	11	1	1	1	—	42	2	2	6	8	18	52	—	1	40	209	18	1	—	—		
<i>Zoogenous Diseases.</i>																																	
Hydrophobia ...	9	1	—	2	1	—	—	—	—	—	—	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	8	—	—	—	—	1	
Cowpox and other effects of vaccination ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—	
<i>Veneral Diseases.</i>																																	
Syphilis ...	6	1	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	3	—	1	—	—	
Gonorrhœa, Stricture of Urethra ...	4	—	—	—	—	2	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	3	—	—	—	—	



Table X.—Causes of Deaths, &c.—continued.

CAUSE OF DEATH.	CEYLON.	WESTERN PROVINCE.			CENTRAL PROVINCE.			NORTHERN PROVINCE.			SOUTHERN PROVINCE.			EASTERN PROVINCE.		NORTH-WESTERN PROVINCE.			NORTH-CENT. PROV.	UVA PROV.	SABARA-GAMUWA PROV.		DEATHS AMONG ALL RACES.						
		Colombo.	Negombo.	Kalutara.	Kandy.	Matale.	Nuwara Eliya.	Jaffna.	Mannar.	Mullaitivu.	Vavuniya.	Galle.	Matara.	Hambantota.	Batticaloa.	Trincomalee.	Kurunegala.	Puttalam.	Chilaw.	Anuradhapura.	Badulla.	Ratnapura.	Kegalla.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.
Other and undefined diseases of Brain or Nervous System ...	56	9	3	9	6	1	4	—	3	—	9	—	—	1	1	—	—	1	1	—	4	4	—	—	37	11	8	—	—
<i>Organs of Special Sense.</i>																													
<i>Conjunctivitis and other diseases of Eye</i> ...	6	—	—	1	1	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	1	1	—	—	3	3	—	—	—
<i>Otitis and other diseases of Ear</i> ...	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
<i>Epistaxis and other diseases of Nose</i> ...	4	—	—	1	—	1	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	—	—	—	4	—	—	—	—
<i>Circulatory System.</i>																													
Pericarditis ...	4	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	2	1	—	—
Valve disease of Heart... ..	3	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	2	1	—	—	—
Angina pectoris, Syncope... ..	2	—	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Aneurism ...	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Embolism, Thrombosis ...	4	1	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	3	1	—	—	—
Varicose veins ...	64	15	6	5	2	3	—	—	—	—	7	3	—	—	—	6	—	4	8	—	1	4	—	—	58	2	3	—	1
Other and undefined diseases of Heart or Circulatory System ...	43	27	1	—	4	—	1	2	—	—	3	—	—	—	—	—	—	—	1	—	—	4	5	5	17	15	1	—	—
<i>Respiratory System.</i>																													
Laryngitis ...	7	1	1	—	3	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	2	4	1	—	—
Bronchitis ...	104	45	1	3	20	1	4	7	1	—	6	—	1	—	2	2	—	—	—	5	—	4	—	—	38	47	13	3	—
Asthma ...	63	11	1	2	2	1	4	11	—	—	13	1	5	—	2	2	1	—	2	3	1	3	—	3	40	20	2	1	—
Pneumonia ...	436	60	—	14	55	17	57	88	10	7	6	—	—	21	13	11	13	1	7	28	6	14	1	1	65	327	41	—	1
Pleurisy ...	11	2	—	1	—	—	1	2	—	—	—	—	—	—	—	2	1	—	1	1	—	—	—	—	6	5	—	—	—
Other and undefined diseases of Respiratory System ...	807	7	4	2	130	115	41	6	13	—	2	2	—	33	3	173	19	29	90	97	—	39	1	—	660	62	81	3	—
<i>Digestive System.</i>																													
Dentition ...	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Quinsy ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sore Throat ...	7	—	—	—	—	—	—	3	1	—	—	—	—	—	—	—	—	—	—	2	—	1	—	—	1	6	—	—	—
Dyspepsia ...	16	2	—	1	1	—	2	5	—	—	—	2	—	2	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Hæmatemesis ...	28	—	—	—	8	1	—	—	—	—	—	2	—	—	—	1	—	—	—	1	1	11	—	—	4	11	1	—	—
Melæna ...	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26	—	—	—	—
Diseases of Stomach ...	32	4	—	1	1	1	1	—	—	—	1	1	—	7	—	1	—	—	2	6	2	3	—	—	23	6	3	—	—
Enteritis ...	4	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	2	2	—	—	—
Ulceration of Intestines ...	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Ileus, Obstruction of Intestine ...	26	8	—	—	4	—	2	2	—	—	1	—	—	—	—	—	—	—	—	6	—	1	—	2	6	15	3	—	—



Stricture or Strangulation  
or Intestine ...  
Intussusception of Intes-  
tine ...  
Hernia ...  
Fistula ...  
Peritonitis ...  
Ascites ...  
Cirrhosis of Liver ...  
Other diseases of Liver ...  
Other and undefined dis-  
eases of Digestive System

1				1																						1	
1								1																		1	
1																										1	
2				1																						1	
18	3		2	5		1																				1	
25	6	6		1		1	1																			9	
7	2			2																						22	
56	5		6	7		2	14		1																	4	
94	6	1	1	17	4	10	1																			23	
																											31
																											2
																											1

*Diseases of Lymphatic System and Ductless Glands.*

Diseases of Spleen ...

8		1	1				3																				1
																											6
																											1

*Diseases of Urinary System.*

Nephritis ...  
Bright's Disease ...  
Uræmia ...  
Suppression of Urine ...  
Calculus (Stone) ...  
Diseases of Bladder ...  
Other and undefined dis-  
ease of Urinary System...

5	5																										4
21	6	1	1	1			3																				1
1																											7
8	4		1	1																							10
1	1																										2
3			1				1																				7
29	2	3		1																							1
																											25
																											3

*Diseases of Organs of Generation.*

Ovarian diseases ...  
Diseases of Uterus and Vagina ...  
Disorders of Menstruation ...  
Diseases of Testes, Penis, Scrotum, &c. ...

2	1						1																					1
9	2						2																					1
9	2						1																					1
16		1		1		1	1																					2
																												2

*Diseases of Parturition.*

Abortion, Miscarriage ...  
Puerperal Convulsions ...  
Placenta Prævia, Flood-  
ing ...  
Other & undefined accidents  
of Childbirth ...

15	2		1	2		1																						4
316	13	15	13	17	23	5																						11
																												4
3	1		1																									16
340	50	5	9	49	14	17	9	1																				14
																												1
																												1

*Diseases of Organs of Locomotion.*

Arthritis, Ostitis, Perios-  
titis ...

																												1
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

Table X.—Causes of Deaths, &c.—continued.

CAUSE OF DEATH.	CEYLON.	WESTERN PROVINCE.			CENTRAL PROVINCE.			NORTHERN PROVINCE.				SOUTHERN PROVINCE.			EASTERN PROVINCE.		NORTH-WESTERN PROVINCE.			NORTH-CENT. PROV.	UYA PROV.	SABARA-GAMUWA PROV.			DEATHS AMONG ALL RACES.													
		Colombo.	Negombo.	Kalutara.	Kandy.	Matale.	Nuwara Eliya.	Jaffna.	Mannar.	Mullaitivu.	Vavuniya.	Galle.	Matara.	Hambantota.	Batticaloa.	Trincomalee.	Kurunegala.	Puttalam.	Chilaw.	Anuradhapura.	Badulla.	Ratnapura.	Kegalla.	Europeans.	Burglers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.								
<i>Diseases of Integumentary System.</i>																																						
Carbuncle	12	2	1	1	—	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Phlegmon, Cellulitis	5	3	—	—	1	—	—	—	—	—	—	1	—	—	1	—	—	—	—	—	—	—	1	—	—	7	3	—	—	—	—	—	—	—	—			
Ulcer, Bed sore	36	13	1	2	5	7	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	4	1	—	—	—	—	—	—	—	—	—			
Eczema	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11	23	1	—	—	—	—	—	—	—			
Other and undefined diseases of Integumentary System	2,409	118	99	19	286	153	21	300	25	3	2	28	12	9	159	15	646	14	41	180	20	96	163	—	—	1,749	430	227	1	—	—	—	—	—	—			
<i>Accident or Negligence.</i>																																						
Fractures, Contusions	149	12	2	14	25	4	9	2	—	—	—	14	8	5	2	2	14	1	—	1	10	10	14	1	—	125	20	2	—	—	—	—	—	—	—			
Gunshot wounds	15	2	—	1	—	1	—	—	—	—	—	—	—	—	—	—	3	—	—	—	1	1	2	—	—	13	2	—	—	—	—	—	—	—	—	—		
Cut, Stab	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	
Burn, Scald	32	5	1	—	8	1	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	
Poison	10	—	—	—	5	—	1	1	—	—	—	—	—	—	—	—	2	1	—	—	5	1	—	—	—	15	14	2	—	—	—	—	—	—	—	—	—	
Drowning	110	14	1	4	10	1	3	31	1	—	1	8	5	—	7	1	6	1	2	—	—	3	3	1	—	49	54	4	—	—	—	—	—	—	—	—	—	
Suffocation	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	2	—	—	—	—	—	—	—	—	—	
Snake-bite	79	1	1	2	1	2	—	9	—	1	2	2	8	7	—	15	3	4	—	—	9	1	5	—	—	59	17	3	—	—	—	—	—	—	—	—	—	
Otherwise	46	1	—	1	2	1	1	1	—	—	—	6	—	3	2	—	2	—	1	—	1	19	3	1	—	35	8	2	—	—	—	—	—	—	—	—	—	
<i>Homicide.</i>																																						
Murder, Manslaughter	27	1	3	5	1	2	1	1	—	—	—	3	—	3	1	—	2	—	—	—	1	1	2	—	—	18	6	2	—	—	—	—	—	—	—	—	—	
<i>Suicide.</i>																																						
Cut, Stab	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poison	7	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drowning	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hanging	21	—	1	4	5	2	2	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—
Otherwise	3	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2	1	—	—	17	4	—	—	—	—	—	—	—	—	—	—	
<i>Execution.</i>																																						
Hanging	2	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Ill-defined and not specified Causes.</i>																																						
General Dropsy	678	27	6	9	88	21	47	88	10	3	3	20	5	9	53	14	135	9	6	54	27	14	30	—	1	348	271	58	—	—	—	—	—	—	—	—		
Debility	1,114	87	4	34	258	61	173	50	18	7	7	9	6	15	4	—	76	21	2	31	102	96	53	1	4	471	557	73	—	—	—	—	—	—	—	—		
Sudden deaths (causes unascertained)	4	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Abscess	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tumour	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hæmorrhage	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other ill-defined and not specified causes	29	3	2	1	7	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Table XI.—Causes of Deaths registered on Estates in the Central, Uva, and Sabaragamuwa Provinces, and Colombo and Kalutara Districts, in the Western Province, for the Fourth Quarter of 1898.

Cause of Death.	Central Province.			Prov. of Uva. Badulla.	Province of S'gamuwa.		Western Province.	
	Kandy.	Matale.	Nuwara Eliya.		Ratnapura.	Kegalla.	Colombo.	Kalutara.
ALL CAUSES ...	954	245	653	261	153	415	81	154
<b>I.—Specific, Febrile, or Zymotic diseases</b> ...	492	145	292	129	92	257	48	91
II.—Parasitic diseases	21	4	4	1	8	6	2	—
III.—Dietetic diseases	16	7	4	1	—	20	1	1
IV.—Constitutional diseases	24	3	10	2	6	9	11	4
V.—Developmental diseases	35	13	30	6	6	11	3	3
VI.—Local diseases	163	51	114	54	13	67	12	27
VII.—Violence	14	1	13	5	3	5	—	—
VIII.—Ill-defined and not specified causes	189	21	186	63	25	40	4	28
<b>I.</b>								
Miasmatic diseases	63	63	30	27	24	54	6	14
Diarrhoeal do.	382	58	256	89	61	151	42	67
Malarial do.	41	22	2	11	6	52	—	7
Zoogenous do.	—	—	—	1	—	—	—	—
Venereal do.	1	2	1	—	—	—	—	—
Septic do.	5	—	3	1	1	—	—	3
<b>II.</b>								
Parasitic diseases	21	4	4	1	8	6	2	—
<b>III.</b>								
Dietetic diseases	16	7	4	1	—	20	1	1
<b>IV.</b>								
Constitutional diseases	24	3	10	2	6	9	11	4
<b>V.</b>								
Developmental diseases	35	13	30	6	6	11	3	3
<b>VI.</b>								
Diseases of—								
Nervous system	66	29	31	18	3	23	2	10
Organs of special sense	—	—	1	—	—	1	—	1
Circulatory system	3	—	1	—	—	3	—	—
Respiratory system	59	10	57	27	4	13	7	10
Digestive system	17	1	9	7	2	7	2	1
Lymphatic system and Ductless Glands	—	—	—	—	—	2	—	1
Urinary system	1	—	—	—	1	2	—	2
Reproductive system:								
(a) Organs of Generation	—	—	—	—	—	1	—	—
(b) Parturition	16	7	14	2	2	11	1	2
Integumentary system	1	4	1	—	1	4	—	—
<b>VII.</b>								
Accident or negligence	12	—	12	5	3	4	—	—
Homicide	—	1	—	—	—	1	—	—
Suicide	2	—	1	—	—	—	—	—
<b>VIII.</b>								
Ill-defined and not specified causes	189	21	186	63	25	40	4	28
<b>Miasmatic Diseases.</b>								
Smallpox	1	—	1	2	—	—	—	—
Chickenpox	2	—	—	2	—	1	—	—
Measles	4	—	1	—	—	3	—	—
Diphtheria	—	—	1	—	—	—	—	—
Simple and ill-defined Fever	48	61	19	22	22	50	6	14
Enteric Fever	1	—	3	—	2	—	—	—
Influenza	7	2	5	1	—	—	—	—
<b>Diarrhoeal Diseases.</b>								
Cholera	—	—	1	—	—	—	—	—
Diarrhoea	149	37	95	57	31	99	27	20
Dysentery	233	21	160	32	30	52	15	47
<b>Malarial Diseases.</b>								
Remittent Fever	7	1	—	3	2	3	—	—
Ague	2	7	—	1	—	1	—	—
Malarial Cachexia	32	14	—	7	4	48	—	7
<b>Zoogenous Diseases.</b>								
Cowpox and other effects of vaccination	—	—	—	1	—	—	—	—

Table XI.—Causes of Deaths, &c.—*continued.*

Cause of Death.	Central Province.			Prov. of Uva. Badulla.	Province of S'gamuwa.		Western Province.	
	Kandy.	Matale.	Nuwara Eliya.		Ratnapura.	Kegalla.	Colombo.	Kalutara.
<i>Veneral Diseases.</i>								
Syphilis ...	1	—	1	—	—	—	—	—
Gonorrhœa, Stricture of Urethra	—	2	—	—	—	—	—	—
<i>Septic Diseases.</i>								
Pyæmia, Septicæmia ...	3	—	1	1	—	—	—	—
Puerperal Fever ...	2	—	2	—	1	—	—	2
<i>Parasitic Diseases.</i>								
Worms (animal) ...	8	2	1	1	3	—	2	—
Doehmius Duodenalis ...	13	2	3	—	5	6	—	—
<i>Dietetic Diseases.</i>								
Starvation, want of breast-milk ...	16	7	4	1	—	20	1	1
<i>Constitutional Diseases.</i>								
Rheumatism ...	—	—	2	—	—	—	—	—
Rickets ...	—	—	—	—	—	—	—	—
Cancer ...	2	1	—	—	2	—	—	—
Tubercular Meningitis (hydrocephalus) ...	1	—	—	—	—	—	—	—
Phthisis ...	17	1	5	2	1	4	—	2
Scrofula ...	—	—	—	—	—	—	—	—
Anæmia, Chlorosis, Leucocythæmia	2	1	3	—	3	5	11	2
Leprosy ...	1	—	—	—	—	—	—	—
Elephantiasis... ..	1	—	—	—	—	—	—	—
<i>Developmental Diseases</i>								
Premature Birth ...	5	1	4	—	1	—	—	2
Atelectasis ...	—	—	1	—	—	—	—	—
Old age ...	30	12	25	6	5	11	3	1
<i>Nervous System.</i>								
Apoplexy ...	1	1	1	—	—	1	—	2
Paralysis ...	5	1	3	1	—	1	—	—
Epilepsy ...	2	1	1	3	—	—	—	—
Convulsions ...	—	—	1	1	—	—	—	1
Infantile Convulsions ...	52	25	19	12	2	19	2	7
Tetanus ...	4	—	3	1	—	1	—	—
Paraplegia, diseases of the Spinal Cord ...	—	—	1	—	—	—	—	—
Other and undefined diseases of Brain or Nervous System ...	2	1	2	—	1	1	—	—
<i>Organs of Special Sense.</i>								
Conjunctivitis and other diseases of Eye ...	—	—	1	—	—	1	—	1
<i>Circulatory System.</i>								
Pericarditis ...	1	—	—	—	—	—	—	—
Varicose veins ...	—	—	—	—	—	—	—	—
Angina pectoris, Syncope ...	—	—	—	—	—	—	—	—
Other and undefined diseases of Heart or Circulatory System... ..	2	—	1	—	—	3	—	—
<i>Respiratory System.</i>								
Laryngitis ...	2	—	—	—	—	—	—	—
Bronchitis ...	13	1	2	5	—	3	2	—
Asthma ...	1	1	4	—	—	—	—	1
Pneumonia ...	41	8	50	20	4	10	4	9
Pleurisy ...	—	—	1	1	—	—	—	—
Other and undefined diseases of Respiratory System ...	2	—	—	1	—	—	1	—
<i>Digestive System.</i>								
Sore Throat ...	—	—	—	1	—	1	—	—
Dyspepsia ...	1	—	2	—	—	—	—	—
Hæmatemesis ...	—	—	—	—	—	1	—	—
Melæna ...	—	—	1	—	—	—	—	—
Enteritis ...	—	1	—	1	—	—	—	—
Ileus, obstruction of Intestine	3	—	2	2	—	1	—	—
Stricture or Strangulation of Intestine ...	1	—	—	—	—	—	—	—
Fistula ...	1	—	—	—	—	—	—	—
Peritonitis ...	2	—	1	1	—	1	—	—
Ascites ...	—	—	—	—	—	—	2	—
Other diseases of Liver ...	6	—	2	1	2	2	—	1
Other and undefined diseases of Digestive System ...	3	—	1	1	—	1	—	—
<i>Diseases of Lymphatic System and Ductless Glands.</i>								
Diseases of Spleen ...	—	—	—	—	—	2	—	1

Table XI.—Causes of Deaths, &c.—*continued.*

Cause of Death.	Central Province.			Prov. of Uva. Badulla.	Province of S'gamuwa.		Western Province.	
	Kandy.	Matale.	Nuwara Eliya.		Ratnapura.	Kegalla.	Colombo.	Kalutara.
<i>Diseases of Urinary System.</i>								
Bright's Disease ...	1	—	—	—	—	2	—	1
Uræmia ...	—	—	—	—	1	—	—	—
Diseases of Bladder ...	—	—	—	—	—	—	—	1
<i>Diseases of Organs of Generation.</i>								
Disorders of Menstruation ...	—	—	—	—	—	1	—	—
<i>Diseases of Parturition.</i>								
Abortion, Miscarriage ...	—	—	—	—	1	2	—	1
Puerperal Convulsions ...	2	—	—	—	—	2	—	—
Other and undefined accidents of Childbirth ...	14	7	14	2	1	7	1	1
<i>Diseases of Integumentary System.</i>								
Phlegmon, Cellulitis ...	—	—	—	—	—	1	—	—
Ulcer, Bed sore ...	1	4	—	—	—	3	—	—
Other and undefined diseases of Integumentary System ...	—	—	1	—	1	—	—	—
<i>Accident or Negligence.</i>								
Fractures, Contusions ...	2	—	5	1	—	1	—	—
Burn, Scald ...	6	—	2	1	1	—	—	—
Poison ...	—	—	—	—	1	—	—	—
Drowning ...	4	—	3	3	1	1	—	—
Suffocation ...	—	—	1	—	—	—	—	—
Otherwise ...	—	—	1	—	—	2	—	—
<i>Homicide.</i>								
Murder, Manslaughter ...	—	1	—	—	—	1	—	—
<i>Suicide.</i>								
Hanging ...	2	—	1	—	—	—	—	—
<i>Ill-defined and not specified Causes.</i>								
General Dropsy ...	44	7	43	6	3	11	—	2
Debility ...	138	14	142	53	18	28	4	26
Sudden deaths (causes unascertained) ...	—	—	—	1	—	—	—	—
Other ill-defined and not specified causes ...	7	—	1	3	3	—	—	—
Tumour ...	—	—	—	—	—	1	—	—
Hæmorrhage ...	—	—	—	—	1	—	—	—

Table XII. — Causes of Deaths registered in Colombo Municipality during the Fourth Quarter of 1898.

CAUSE OF DEATH.	Colombo Municipality.	WARDS.										NATIONALITIES						
		Fort and Galley Face.	Pettah.	St. Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Europeans.	Burgbers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.
ALL CAUSES ...	1130*	8	25	49	130	200	132	231	174	103	78	19	57	503	262	226	32	26
I.—Specific, Febrile, or Zymotic Diseases ...	323	1	9	9	32	71	28	90	40	28	15	5	17	124	92	66	6	13
II.—Parasitic Diseases ...	35	—	—	—	4	6	3	9	8	4	1	—	—	22	6	4	3	—
III.—Dietetic Diseases ...	5	1	—	—	1	—	1	2	—	—	—	1	—	2	2	—	—	—
IV.—Constitutional Diseases ...	144	2	4	6	13	18	18	34	25	13	11	5	10	77	23	20	6	3
V.—Developmental Diseases ...	123	—	1	13	23	20	24	1	17	17	7	—	6	45	25	38	7	2
VI.—Local Diseases ...	399	2	7	19	47	69	50	67	66	35	37	7	21	187	88	81	9	6
VII.—Violence ...	20	2	2	—	1	2	—	7	5	1	—	1	—	13	3	1	—	2
VIII.—Ill-defined and not specified causes	81	—	2	2	9	14	8	21	13	5	7	—	3	38	23	16	1	—
I.																		
Miasmatic Diseases ...	64	1	—	1	—	23	4	9	7	13	6	4	2	29	9	13	3	4
Diarrhœal do. ...	178	—	4	3	15	39	10	67	23	10	7	1	11	75	55	29	1	6
Malarial do. ...	70	—	4	5	16	9	12	10	9	3	2	—	4	16	26	22	—	1
Zoogenous do. ...	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Venereal do. ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Septic do. ...	9	—	1	—	1	—	2	3	1	1	—	—	—	4	2	2	1	—
II.—Parasitic Diseases ...	35	—	—	—	4	6	3	9	8	4	1	—	—	22	6	4	3	—
III.—Dietetic Diseases ...	5	1	—	—	1	—	1	2	—	—	—	1	—	2	2	—	—	—
IV.—Constitutional Diseases ...	144	2	4	6	13	18	18	34	25	13	11	5	10	77	23	20	6	3
V.—Developmental Diseases ...	123	—	1	13	23	20	24	1	17	17	7	—	6	45	25	38	7	2
VI.																		
Diseases of Nervous System ...	196	—	2	7	25	35	9	10	45	25	18	—	11	92	38	46	6	3
Do. Organs of special sense ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do. Circulatory System ...	28	2	1	—	2	5	2	5	4	—	7	5	5	12	4	2	—	—
Do. Respiratory System ...	99	—	2	10	10	22	10	19	13	7	6	—	2	50	22	21	3	1
Do. Digestive System ...	21	—	2	—	2	3	1	10	1	—	2	—	2	12	5	2	—	—
Do. Lymphatic system and Ductless Glands ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do. Urinary System ...	10	—	—	—	1	—	1	6	1	1	—	1	1	2	4	1	—	—
Do. Reproductive System :—																		
(a) Organs of Generation ...	3	—	—	—	—	—	1	1	—	—	1	—	—	—	—	—	—	—
(b) Parturition ...	26	—	—	2	7	3	6	3	1	2	2	—	—	11	7	8	—	—
Do. Organs of Locomotion ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do. Integumentary System ...	16	—	—	—	1	—	—	13	1	—	1	1	—	6	8	—	—	—
VII.																		
Accident or Negligence ...	18	2	2	—	1	2	—	6	4	1	—	1	—	11	3	1	—	—
Homicide ...	1	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—
Suicide ...	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Execution ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VIII.																		
Ill-defined and not specified causes ...	81	—	2	2	9	14	8	21	13	5	7	—	3	38	23	16	1	—
Miasmatic Diseases.																		
Smallpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chickenpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles ...	2	—	—	—	2	—	—	—	—	—	—	—	—	2	—	—	—	—
Whooping Cough ...	3	—	—	—	—	—	3	—	—	—	—	—	—	1	—	2	—	—
Mumps ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhus ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Simple and ill-defined Fever ...	41	—	—	1	—	18	—	—	4	12	6	—	1	17	8	10	3	2
Enteric Fever ...	18	1	—	—	—	3	1	9	3	1	—	4	1	9	1	1	—	2
Influenza ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Miasmatic diseases ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diarrhœal Diseases.																		
Cholera ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diarrhœa ...	90	—	—	—	4	11	3	46	16	7	3	—	3	38	32	13	—	4
Dysentery ...	88	—	4	3	11	28	7	21	7	3	4	1	8	37	23	16	1	—

\* Including six deaths in the Infectious Diseases Hospital, Kanatta (outside the town), of patients removed from the town.













