

# SUPPLEMENT

TO

# The Ceylon Government Gazette.

PART I.

No. 5,618—FRIDAY, MAY 12, 1899.

## VITAL STATISTICS OF CEYLON.

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

### I.—Population.

1. THE estimated population of the Island on the last day of the quarter was 3,443,211, an increase of 26,620 on the previous quarter, due to an excess of 8,329 births over deaths, and of 18,291 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 38,765, *i.e.*, 10 per cent. higher than the average number for the third quarter of the last five years (35,261), while the departures (20,474) were 7 per cent. lower than the average (21,980).

### II.—Marriages.

3. *Marriages.*—The number of general marriages—*i.e.*, marriages other than Kandyan or Mohammedan—registered in this quarter was 4,338, and Kandyan marriages 2,639.

Table VI. in the appendix shows the marriages solemnized among the general community in every Province and district of 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. gives similar information in respect of Kandyan marriages.

4. *First Marriages; Re-marriages.*—Of the 4,338 general marriages, 3,847 (equal to 88 per cent.) were between bachelors and spinsters, 110 between bachelors and widows, 314 between widowers and spinsters, 57 between widowers and widows, 1 between a divorced man and a spinster, 2 between divorced women and bachelors, and 1 between a divorced woman and a widower.

Of the 2,639 Kandyan marriages, 2,116 (equal to 80 per cent.) were between bachelors and spinsters, 86 between bachelors and widows, 229 between widowers and spinsters, 79 between widowers and widows, 69 between divorced men and spinsters, 29 between divorced women and bachelors, 12 between divorced men and widows, 5 between divorced women and widowers, and 14 between divorced men and divorced women.

5. *Age at Marriage.*—The mean age at marriage for the general community was 27.1 years for males and 20.7 for females, and for Kandyans 26.4 for males and 19.6 for females. The age here given is based on the registered marriages only.

6. *Minors.*—In the general community 6 per cent. of the bridegrooms and 54 per cent. of the brides were under 21, while amongst the Kandyans 12 per cent. of the bridegrooms and 64 per cent. of the brides were under 21.

7. *Mixed Marriages.*—There were 6 marriages in the quarter between Europeans and Burghers, 4 between Burghers and Sinhalese, 2 between Burghers and Tamils, 17 between Sinhalese and Tamils.

8. *Signature in Marriage Register.*—Of the 4,338 couples married among the general community this quarter, 1,156 men and 3,400 women signed the register with marks; that is to say, 73 per cent. of the men and 21 per cent. of the women were able to write their names. Of the couples married among the Kandyans, 943 men and 2,488 women signed the register with marks, *i.e.*, 64 per cent. of the men and only 6 per cent. of the women were able to write their names.

### III.—Births and Deaths.

9. *Births.*—The births registered in the quarter numbered 29,868 (32 Europeans, 150 Burghers, 20,698 Sinhalese, 6,944 Tamils, 1,962 Moors, 58 Malays, and 24 others), and were in the proportion of 37.6 to 1,000 persons living as against 31.5, the average of the corresponding period for the ten years 1888–97, and 43.7 the rate in the third quarter of last year.

10. *Deaths.*—The deaths registered in this quarter amounted to 21,539 (24 Europeans, 109 Burghers, 13,065 Sinhalese, 6,881 Tamils, 1,349 Moors, 66 Malays, and 45 others), and corresponded to an annual rate of 27.1 per 1,000 as against 25.9, the average for the corresponding period of 1888–97.

11. *The Births and Deaths and their rates* in this quarter are compared in the following statement with the results obtained in the two previous quarters, the third quarter of the past year, and the average of the third quarter in the ten years 1888–97:—

TABLE A.

	Births.	Deaths.	Per Mille per Annum.	
			Birth-rate.	Death-rate.
Average of ten third quarters in 1888-97	24,052	19,729	31.5	25.9
Third quarter of 1897	34,177	19,029	43.7	24.4
First quarter of 1898	30,501	20,846	39.5	27.0
Second quarter of 1898	31,853	19,474	40.8	25.0
Third quarter of 1898	29,868	21,539	37.6	27.1

12. Table II. in the appendix gives in respect of each Province and district in the Island the birth- and death-rates for the same periods as in Table A.

Table I. gives the marriages (Kandyan and general), births, and deaths according to sex; Table VIII. the births according to nationality and sex; Table IX. the deaths for each month of the quarter according to nationality for every Province and district; Table XIII. shows the period of life at which the deaths of the various races occurred in every district.

The causes of death for every Province and district are shown in Table X.; and for estates in the Central, Uva, and Sabaragamuwa Provinces, and in the Colombo and Kalutara Districts of the Western Province in Table XI.; and for the town of Colombo (according to wards and nationalities) in Table XII.

13. *Sex.*—Of the total number of births (29,868), 15,393 were males and 14,475 were females, *i.e.*, 106 males to 100 females. Of the total number of deaths (21,539), 11,194 were males and 10,345 were females. Out of equal numbers living of each sex, there died 961 males to 1,000 females.

14. *Age at Death.*—The deaths of infants under one year of age numbered 4,921, and were in the proportion of 165 deaths to 1,000 registered births. The rate of infant mortality varied in different districts from 274 per 1,000 births (for Tamils) in Trincomalee, 236 (for Tamils) in Vavuniya, 212 (for Sinhalese) in Badulla, 189 (for Sinhalese) in Ratnapura, 185 (for Sinhalese) in Nuwara Eliya, 184 (for Tamils) in Mannar, 183 (for Sinhalese) in Anuradhapura, 163 (for Sinhalese) in Kandy, 136 (for Sinhalese) in Matara, 133 (for Sinhalese) in Hambantota, 120 (for Sinhalese) in Colombo, 120 (for Sinhalese) in Kegalla, 115 (for Sinhalese) in Kalutara, 89 (for Sinhalese) in Negombo, and 76 (for Sinhalese) in Chilaw.

15. Thirty-one deaths (13 males and 18 females) were reported to be of centenarians, but the ages cannot be relied on.

#### IV.—State of Public Health.

16. The general health of the population during the quarter was slightly worse than usual, the death-rate being 27·1 against 25·9, the average of the third quarters of 1888–97. This deterioration occurred chiefly in the Central, Northern, and Uva Provinces. The Western was, as usual, the healthiest Province in the Island, with a death-rate for the Sinhalese of 17·5, the healthiest district was Chilaw (14·5), the healthiest subdivision (9·6) was Matara Four Gravets beyond the Local Board.

17. The principal event of this quarter was a cholera epidemic, which, as usual, was introduced from India. It was fairly widespread and caused unusually heavy loss of life, 135 deaths. The districts chiefly affected were Jaffna (47 deaths), Mannar (46), Anuradhapura (13), Kurunegala (10), Matale (6), Colombo (9), Vavuniya (2), Kandy (1), and Galle (1). In this quarter too occurred a case of bubonic plague, the first and only case in the Island—excellent testimony to the efficiency of the measures taken by the Government to safeguard the Island during the last three years. The deceased was a lascar discovered with plague symptoms on board the P. & O. steamer "Ballarat" from Bombay and sent with the ship to Galle, where he died next day, August 22, in the Plague Hospital.

18. Tables III., IV., and V. in the appendix show the births and deaths, the birth-rates and death-rates 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 third quarter of 1897, and the average of the seven third quarters of 1891–97. The rates shown are for the Sinhalese only in Sinhalese districts and for the Tamils only in Tamil districts. In 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.

19. *Western Province.*—In this quarter the rate of mortality in this Province among its Sinhalese inhabitants, who form seven-eighths of the population and number over 700,000, was in the proportion of 17·5 to 1,000 persons living, or 1 per 1,000 better than the average. The improvement was shared by all its districts except Kalutara. In the Colombo District the death-rate declined to 17·5 from an average of 18·1, and all its subdivisions shared in the improvement except Alutkuru korale south which rose to 14·5 from an average of 13·6, and was the second healthiest division, the first place being, as usual for some time past, taken by Siyane korale with a death-rate of 13·3. The unhealthiest division was as usual the Colombo Municipality with a death-rate of 29·0, which however is an improvement on the average 30·5, and especially on the third quarter of 1897 (38·8) and the second quarter of 1898 (40·5).

20. The Negombo District shows the lowest death-rate in the Province and the second lowest in the Island, 14·9, or about 4 per 1,000 less than its average (19·3), an improvement noticeable in every one of the subdivisions, especially in the Hapitigam korale, where the death-rate declined to 14·3 from an average of 20·1. Alutkuru korale north is the second healthiest division in the Island with a death-rate of 11·9, a decline from its average of 16·4, while the Negombo Local Board has the highest death-rate (37·6) in the Province.

21. The Kalutara District was slightly unhealthier than usual, with a death-rate of 19·3 as against an average, of 18·6. The deterioration was in Rayigam korale and Kalutara totamune. Pasdun korale was, as usual of late, the healthiest division in the district (17·3), and the Kalutara Local Board the unhealthiest (23·1).

22. *Central Province.*—In this Province, which contains 267,000 Sinhalese out of a total population of 488,000 the Sinhalese enjoyed slightly better health than usual with a death-rate of 30·7 as against an average of 31·2, though the total population declined in health, and showed a death-rate rising from an average of 25·6 to as much as 37·6, which was due to the deterioration in the health of the estate Tamil population, which numbers over 200,000 in the Province.

23. In the Kandy District the Sinhalese death-rate declined to 27·2 from an average of 29·3, but the death-rate of the estate Tamil population in the district (numbering over 100,000) rose from 31·3 to 39·1. Seven out of ten of its divisions show improved Sinhalese death-rates, the exceptions being Uda Bulatgama, the Municipality, and Uda Dumbara. Uda Bulatgama, though rising from an average of 16·3 to 20·4, was the healthiest division in the district. The highest rate (36·2) was in the Kandy town and in Uda Dumbara, the former showing an increase of 13·0 per 1,000 on the average.

24. The Matale District shows a higher Sinhalese death-rate (43·4) than usual (41·1). Its estate population showed a still greater deterioration, *viz.*, from 34·9 to 47·3. The only division of the district which showed an improved Sinhalese mortality was Matale south, the death-rate declining to 39·3 from an average of 41·4, and being the lowest in the district. The highest was in the Matale town, 63·4, a great increase upon its average of 45·8.

25. The Nuwara Eliya District also shows a higher Sinhalese death-rate (28·2) than usual (26·6). The deterioration of health was shared by all its divisions except Uda Hewaheta, the most populous division of the district, where the rate declined to 23·4 from an average of 25·9. The lowest death-rate was in the town of Nuwara Eliya (20·4) and the highest in Walapane (37·0). The Sinhalese population in this district numbers about 43,000. The bulk of the population is Tamil and resident on the estates, and numbers 89,000. Their health was worse than of the Sinhalese, and rose from an average of 28·9 to 32·4.

26. *Northern Province.*—This Province (which is estimated to contain about 325,000 Tamils) was not so healthy as usual, the death-rate among the Tamils rising from an average of 19·5 to 23·4.

27. The Jaffna District, which contains the vast majority (about 300,000) of the population of the Province, was responsible for this, and showed a rise in the death-rate from an average of 17.9 to 22.2. Every division of the district shared in this deterioration except Pachchilaipalli and Punakari. Leaving these and other sparsely-peopled divisions out of consideration, the mortality varied from 16.9 in Valikamam west (usually the healthiest division in the Province) to 24.6 in Jaffna division, a rise of 2 and 4 per 1,000 respectively upon the average. The greatest increase was in Vadamadachi west (from 16.6 to 23.6), due to the cholera epidemic referred to in paragraphs 17 and 47, and which caused as many as 47 deaths. The adjoining small division of Vadamadachi east shows a rate as high as 51.7, more than double the average.

28. Mannar also shows an increase of mortality, from 32.3 to 38.0, and it was due to the same cause, 46 deaths being attributed to cholera. This unfortunate district, being the first entered by the immigrant Indian cooly on his way to the estates on the hills, has always suffered severely from the diseases he brings with him, in addition to the ordinary malarial diseases which find a home among the inhabitants owing to bad water and air and insufficient food. The population in consequence is ever decreasing. This cannot be checked unless the recent closing of the route for immigrants is made permanent.

29. Vavuniya-Vilankulam shows a slight decline in health, the mortality rising from 41.0 to 41.9; while Mullaitivu alone of the districts in the Northern Province shows an improvement, the mortality falling from 39.2 to 31.2.

30. *Southern Province.*—The Southern Province, which, next to the Western Province, contains the largest Sinhalese population (about 490,000), was healthier than usual. The Sinhalese death-rate in this Province during the quarter was equal to 20.7 per 1,000 persons living, 5 per 1,000 below its average, but 3 per 1,000 higher than the rate in the Western Province. The improvement was shared by all the districts of the Province.

31. In the Galle District the death-rate was 22.1, or about 2 per 1,000 less than in the third quarter of last year (23.7) and 4 per 1,000 less than the average (26.2). The rates of the subdivisions ranged from 20.4 in the Galle Municipality to 23.8 in Wellaboda pattu. The low death-rate in the Galle Municipality (which is 6 per 1,000 below the average) was probably due to inefficient registration, which has been since remedied by the appointment of a special Medical Officer as Registrar of Births and Deaths of the town. The Four Gravets beyond the Municipality and Akmimana which is generally the healthiest division in the district, is the only division in the district which shows a higher mortality than the average, 21.1 as against 19.7.

32. The Matara District was much healthier than usual with a death-rate of 18.8 as against an average of 25.5, but not so healthy as in the quarter immediately preceding (17.2). The Matara Gravets beyond the Local Board (9.6) was the healthiest division, and the unhealthiest (30.8) Matara Local Board. The former was in fact the healthiest division in the Island with a death-rate of 9.6 against an average of 22.4. The cause of this remarkable improvement is not known.

33. The Hambantota District was also healthier than usual, the death-rate falling from an average of 25.7 to 20.7, and the improvement being shared by all its subdivisions, and being greatest in Giruwa pattu east, which fell to 15.2 from an average of 25.1, and is as usual the healthiest in the district.

34. *Eastern Province.*—This Province is mainly inhabited by the Tamils and Moors, in the proportion of about 9 to 5. The Moors are distinguished from the Tamils, not in respect of the language, for the Tamil is their common mother tongue, but only in respect of religion, being all Mohammedans, while the Tamils are mostly Hindus and partly Christians. The Province was slightly healthier than usual in the quarter with a death-rate for all races of 25.4 against the average 26.4. It might have been higher but for the success of the measures taken to safeguard the Province against the invasion of cholera from the adjoining North-Central Province, where it prevailed with some virulence, having been introduced by the Indian immigrant coolies from Mannar.

35. In the Batticaloa District one-half of the population are Tamils and one-third Moors. It is the chief Mohammedan centre in the Island, containing over 50,000 Mohammedans, while Colombo, which contains the next largest Mohammedan population, numbers less than 40,000. The Tamils in the Batticaloa District were healthier than usual (23.3 against an average of 26.4), as also the Mohammedans with a death-rate of 21.1 against an average of 26.5. The Tamil mortality varied from 19.5 (average 26.1) in Eruvil, Porativu, and Karavaku to 29.8 (average 22.2) in Batticaloa town, and the Mohammedan mortality from 14.3 (average 16.4) in Eravur, Rukam, and Koralai to 25.8 (average 29.5) in Chamanturai and Nadukadu.

36. The Trincomalee District was much less healthy than usual, the Tamil death-rate having risen to 39.6 from 29.8. All the divisions except Koddigar pattu shared in this deterioration. In the Koddigar pattu, the healthiest division in the district, the death-rate was 19.2 against an average of 20.9, while the Trincomalee town showed the highest mortality, 46.3 against an average of 32.3.

37. *North-Western Province.*—This Province was healthier than usual, the Sinhalese mortality declining from an average of 33.7 to 27.8. The improvement was shared by all its districts.

38. In the Kurunegala District—which contains over 200,000 of the 278,000 Sinhalese inhabitants of the Province—the Sinhalese death-rate declined to 31.3 from 37.1. Its most populous division Katugampola hatpattu, was, as usual, the healthiest division, with a mortality declining from 28.0 to 18.1. The unhealthiest, as usual, was the Kurunegala Local Board with a death-rate of 120.0, which rather exaggerates its unhealthiness, as it includes a large number of deaths in the hospital among the destitute poor and others who belong to other divisions. The unhealthiest division was Weudawili hatpattuwa with a mortality of 47.4, or 7 per 1,000 higher than the average, and 17 per 1,000 above the corresponding period of last year. The greatest improvement on the average was in Dewamedi hatpattu, with a death-rate declining to 25.3 from an average of 40.6. There were 10 deaths from cholera in the quarter, imported by immigrant coolies. See "cholera epidemic" next page.

39. The death-rate of the Chilaw District fell in the quarter from an average of 19.7 to 14.5, making it the healthiest district in the Island. The improvement was not shared by the town of Chilaw, which rose from 17.4 to 21.2, and was due to the most populous and important division of the district, Pitigal korale south,—the most populous in fact in the Province—showing a decline from 18.5 to 14.3, and to the next biggest division Pitigal korale north declining from an average of 30.6 to as low as 13.3.

40. In the Puttalam District, for which statistics are separately given for Sinhalese, Tamils, and Mohammedans, the death-rate for all races was 38.6 against an average of 36.6. The death-rate of the Mohammedans (who are the most numerous section) rose from an average of 24.7 to 38.5, the Tamil rate from 50.6 to 56.5, while the Sinhalese declined from 38.4 to 29.4. The Kalpitiya division was the unhealthiest, showing a Tamil mortality of 131.1 (double the average) and a Mohammedan mortality of 60.7, the difference being explained by the more prosperous condition of the Mohammedans. The Puttalam division was the healthiest with a Tamil and Sinhalese mortality of 9.7, and Mohammedan rate of 1.8, a very great improvement on the average.

41. *North-Central Province.*—The mortality of the Sinhalese, who form four-fifths of the population of this Province and number about 60,000, was at the rate of 31.1 per mille as against an annual average of 32.9. The improvement was shared by all its divisions except Nuwaragampalata and Tamankaduwapalata. The mortality varied from 22.6 in Kelagampalata (usually the healthiest division) to 51.3 in Tamankaduwa, where there was a bad epidemic of cholera introduced by the immigrant Indian coolies passing from Mannar to the tea estates.

42. *Province of Uva.*—This Province was not so healthy as usual, the Sinhalese death-rate for the quarter rising to 42.4 from an average of 37.2. The mortality varied from 30.3 in Udukinda (usually the healthiest division) to 53.1 in Buttala and 53.4 in Bintenna.

43. *Province of Sabaragamuwa.*—The health of this Province was better than usual, the mortality falling from an average of 29.6 to 26.0. This improvement was not shared by the Ratnapura District, where the mortality was slightly higher than usual (31.7 against average 30.8), and varied from 22.7 in Kolonna korale (an improvement on its average 27.2) to 48.5 in Kukulura korale, where the deterioration was greatest (average 32.5).

44. The Kegalla District showed great improvement, from an average mortality of 28.5 to 21.4. The improvement was shared by all its divisions except Lower Bulatgama. The mortality varied from 17.7 in Beligal korale (its most populous division) to 25.9 in Kinigoda korale.

#### V.—Causes of Death.

45. The causes of death registered in this 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.	Homicide.	Suicide.	Execution.		
CEYLON ...	130	3	4,521	5,260	350	30	45	8	10,192	21,539
Colombo ...	9	1	480	379	31	5	5	1	1,503	2,414
Negombo ...	—	—	154	60	8	6	1	—	318	547
Kalutara ...	—	—	194	230	37	4	7	—	623	1,095
Kandy ...	1	1	267	949	41	2	7	6	1,318	2,592
Matale ...	6	—	321	190	7	—	1	—	423	948
Nuwara Eliya ...	—	—	56	466	9	—	5	—	545	1,081
Jaffna ...	47	—	605	162	18	—	3	—	844	1,679
Mannar ...	41	—	42	31	1	—	—	—	88	203
Mullaittivu ...	—	—	26	7	—	—	—	—	23	56
Vavuniya ...	2	—	28	6	—	—	—	—	41	77
Galle ...	1	—	209	321	30	—	4	1	771	1,337
Matara ...	—	—	190	323	16	1	—	—	400	930
Hambantota ...	—	—	213	92	14	—	1	—	156	476
Batticaloa ...	—	—	230	175	15	2	2	—	378	802
Trincomalee ...	—	—	66	52	8	—	—	—	120	246
Kurunegala ...	10	—	467	288	16	1	3	—	1,167	1,952
Puttalam ...	—	—	81	34	4	1	—	—	126	246
Chilaw ...	—	—	39	32	7	1	—	—	180	259
Anuradhapura ...	13	1	152	109	2	1	—	—	303	581
Badulla ...	—	—	391	582	26	1	2	—	697	1,699
Ratnapura ...	—	—	187	420	32	1	1	—	505	1,146
Kegalla ...	—	—	123	352	28	4	3	—	663	1,173

46. *Fever and Diarrhoeal Diseases.*—Of the 21,539 deaths registered in the quarter, 4,521 were reported as due to various forms of fever and 5,390 to diarrhoeal diseases, *i.e.*, fever and diarrhoeal diseases contributed 45 per cent. of the total number of deaths.

47. *Cholera Epidemic.*—Under the head “Diarrhoeal Diseases” is included cholera, which accounted for 130 deaths. For the following information I am indebted to the Principal Civil Medical Officer. More detailed information as to the epidemic in Colombo town will be found in section VII., “Health of the Town of Colombo” :—

District.	No. of Deaths.	
Jaffna ...	47 ...	Point Pedro and surrounding villages : first case July 5, 1898 ; ceased August 8, 1898. Infection traced to a pilgrim who returned from a festival in India.
Mannar ...	46 ...	Silavaturai : first case April 21, 1898 ; ceased July 18, 1898. Pesalai : first case May 18, 1898 ; ceased September 10, 1898. Infection supposed to have been conveyed from Puliyadiyirakkam, where cholera was prevailing.
Anuradhapura ...	13 ...	Anuradhapura and neighbouring villages : first case July 15, 1898 ; ceased August 29, 1898. Infection said to have been conveyed by immigrant coolies <i>en route</i> Mannar-Matale road.
Kurunegala ...	10 ...	Aspokune estate : first case June 1, 1898 ; ceased July 2, 1898. Infection conveyed by coolies who returned from the Coast.
Colombo ...	9 ...	Sporadic cases on different dates at long intervals. First case occurred on March 24, 1898 ; ceased on July 12, 1898. In these cases infection could not be traced.
Matale ...	6 ...	First case May 13, 1898 ; ceased August 9, 1898. Cases occurred at long intervals. Infection traced to immigrant coolies.
Vavuniya ...	2 ...	First case July 14, 1898 ; ceased July 15, 1898. Infection attributed to immigrant coolies.
Kandy ...	1 ...	Sporadic case.
Galle ...	1 ...	First case July 27, 1898. Fell ill in the 6.15 P.M. down train to Galle. An immigrant cooly proceeding to her estate.

48. *Plague.*—One death occurred from bubonic plague : a lascar on board a P. & O. ship from Bombay, and already referred to at page 2.

49. There were 3 deaths from smallpox this quarter (1 each in Colombo, Kandy, and Anuradhapura). 46 deaths were due to measles (of which 8 were in Colombo, 17 in Jaffna, 4 each in Kandy and Nuwara Eliya, 3 each in Kalutara and Anuradhapura, 2 each in Matale and Batticaloa, and 1 each in Galle, Kurunegala, and Kegalla). 9 deaths were caused by chickenpox (of which 4 in Kandy, 2 in Ratnapura, and 1 each in Kalutara, Matale, and Kegalla). 6

deaths resulted from whooping-cough, (of which 3 in Colombo, 2 in Batticaloa, and 1 in Jaffna). 50 deaths occurred from influenza (14 in Nuwara Eliya, 10 in Galle, 7 in Kandy, 4 each in Colombo, Negombo, and Kalutara, 2 in Badulla, 1 each in Matale, Jaffna, Matara, Hambantota, and Ratnapura).

50. The other chief natural causes of death were infantile convulsions 1,976, debility 913, phthisis 729, general dropsy 587, worms 575, pneumonia 486, anæmia 466, old age 397, other accidents of childbirth 251, thrush 204, puerperal convulsions 203, rheumatism 144, premature birth 138, bronchitis 120, paralysis 87, doehmius duodenalis 62, (of which 23 in Kandy, 12 in Matale, 6 in Ratnapura, 5 in Colombo, 4 each in Matara and Kegalla, 3 in Nuwara Eliya, 2 each in Kalutara and Kurunegala, and 1 in Badulla), cancer 34, diabetes 27, parangi 24 (of which 4 in Kurunegala, 3 each in Galle and Matara, 2 each in Colombo, Trincomalee, and Ratnapura, 1 each in Kandy, Matale, Mannar, Mullaittivu, Vavuniya, Hambantota, Batticaloa, and Kegalla), syphilis 18, leprosy 17, hydrophobia 10, pleurisy 9, alcoholism 4.

51. *Deaths by Violence.*—350 deaths were attributed to accidents, of which 99 were due to fall from trees, 57 to drowning, 44 to snake-bites, 31 to fall of heavy substances, 20 to burns and scalds, 18 to fall from heights other than trees, 3 to fall into pits, 15 to gun-shot wounds, 12 to injury at birth, 11 to poison, 7 to being run over by train and 3 by carts, 5 to explosion in quarries, 3 to hornets, 2 to bulls, 2 to buffaloes, 2 to alligators, 2 to cheetahs, 1 to a bear, 1 to a horse, 1 to an elephant, and 1 to a Brahmin lizard.

52. Thirty deaths were attributed to murder and other forms of homicide (22 Sinhalese and 8 Tamils). Of these, 5 occurred in Colombo, 6 in Negombo, 4 in Kalutara, 2 in Kandy, 1 in Anuradhapura, 2 in Batticaloa, 1 each in Matara, Kurunegala, Puttalam, Chilaw, Badulla, and Ratnapura, and 4 in Kegalla.

53. Forty-five deaths resulted from suicide, of which 26 were by hanging, 9 by poison, 5 by drowning, 1 by gunshot, 1 by cuts, and 3 otherwise.

54. Eight men (7 Sinhalese) were judicially executed (1 in Colombo, 6 in Kandy, and 1 in Galle).

#### VI.—Health of the Estate Population.

55. The estates here considered are estates of ten or more acres in extent, situated in the districts brought under the operation of the Medical Wants Ordinance, No. 17 of 1880, *i.e.*, in Central, Uva, and Sabaragamuwa Provinces, and portions of the Colombo and Kalutara Districts of the Western Province. The estate population is estimated at 290,000, of which (in round figures) 104,000 are in the Kandy District, 89,000 in Nuwara Eliya, 32,000 in Kegalla, 25,000 in Badulla, 16,000 in Matale, 11,000 in Ratnapura, 9,000 in Kalutara, and 5,000 in Colombo (*i.e.*, in Avisawella District). The healthiest estates are as usual in the Nuwara Eliya District with a mortality of 32·4 (an increase on the average 28·9). The Avisawella estates, which are usually the unhealthiest, this quarter yield the palm to Ratnapura, which shows a mortality of 87·6, a very great increase on its average (29·7).

56. The total number of births registered was 2,098 (of which 6 were Europeans, 5 Burghers, 58 Sinhalese, 2,004 Tamils, 25 Moors, and 1 Malay), and the total number of deaths was 3,070 (6 Europeans, 1 Burgher, 50 Sinhalese, 2,997 Tamils, 14 Moors, 1 Malay, and 1 other), corresponding respectively to an annual rate of 27·2 and 40·7 per 1,000. The causes of death are given in detail in Table XI., and may be summarized as follows:—

TABLE C.

Fevers ... ..	194	Premature birth ... ..	10	Diseases of parturition ... ..	54
Diarrhoea ... ..	611	Infantile convulsions ... ..	113	Debility ... ..	430
Dysentery ... ..	717	Anchylostomiasis ... ..	35	Phthisis ... ..	34
Want of breast-milk ... ..	46	Bronchitis ... ..	39	Malarial cachexia ... ..	107
Old age ... ..	83	Pneumonia ... ..	149	Other causes ... ..	448

57. The following Table D gives the birth- and death-rates of the various districts for the second and third quarters of 1898, the third quarter of 1897, and the average for the third quarters in 1891-97:—

TABLE D.

District.	Estimated Population in 1898.	Birth-rate.				Death-rate.			
		Average of 3rd Quarters, 1891-97.	Third Quarter of 1897.	Second Quarter of 1898.	Third Quarter of 1898.	Average of 3rd Quarters, 1891-97.	Third Quarter of 1897.	Second Quarter of 1898.	Third Quarter of 1898.
Kandy ... ..	104,062	27·1	29·8	27·1	29·1	31·3	26·8	39·2	39·1
Matale ... ..	15,758	26·9	39·6	34·1	33·7	34·9	29·6	24·9	47·3
Nuwara Eliya ... ..	88,909	27·2	21·6	22·0	22·9	28·9	17·1	23·0	32·4
Badulla ... ..	25,385	32·0	28·3	40·9	34·5	33·2	30·7	38·2	40·6
Ratnapura ... ..	10,826	33·4	30·0	25·6	31·1	29·7	19·6	61·1	87·6
Kegalla ... ..	32,090	19·9	29·0	29·9	28·7	34·6	20·9	39·0	48·7
Colombo ... ..	4,852	32·0	46·2	21·5	18·8	76·6	88·8	61·2	49·1
Kalutara ... ..	8,783	12·3	25·5	18·7	14·5	51·1	51·0	46·6	47·0
Total ... ..	290,665	27·3	28·0	27·0	27·4	32·9	25·1	34·8	40·9

58. *Kandy District.*—The total number of births registered from the estates in the Kandy District was 798 (of which 763 were Tamils, 14 Sinhalese, 15 Moors, 3 Burghers, and 3 Europeans), and the deaths numbered 1,044 (of which 1,026 were Tamils, 9 Sinhalese, 6 Moors, 1 Malay, 1 Burgher, and 1 European). The Tamil birth-rate in the quarter was equal to 29·1, as against a mean rate of 27·1 in the third quarters of 1891-97; and the Tamil death-rate was equal to 39·1, as against the mean rate of 31·3 for the corresponding period of the years 1891-97. As usual, the most fatal causes were diarrhoeal diseases, which caused 457 deaths (200 from diarrhoea, 256 from dysentery, and 1 from cholera) or nearly 43 per cent. of the total number of deaths. The other chief causes of death were debility 160 (including mostly deaths of infants from inability to suck milk), fever 41, malarial cachexia 27, pneumonia 53, bronchitis 14, infantile convulsions 39, general dropsy 41, anchylostomiasis 14, starvation and want of breast-milk 16, childbirth 18, old age 28, premature birth 5, anæmia 4, and phthisis 12.

59. *Matale District.*—The total number of births registered from the estates in the Matale District was 138 (134 Tamils, 3 Sinhalese, and 1 Malay), and the deaths numbered 192 (188 Tamils, 3 Sinhalese, and 1 European), corresponding to an annual birth-rate of 33·7 against a mean rate of 26·9 for the corresponding periods of 1891-97, and a death-rate of 47·3 against a mean rate of 34·9 in the third quarters of 1891-97. Dysentery and diarrhoea caused 57 deaths, *i.e.*, 24 per cent. of the total number of deaths (192), fever 48, debility 12, pneumonia 5, childbirth 4, old age 10, and infantile convulsions 9.

60. *Nuwara Eliya District.*—The total number of births registered from the estates in the Nuwara Eliya District was 533 (13 Sinhalese, 514 Tamils, 1 European, 1 Burgher, and 4 Moors), and the deaths numbered 749 (13 Sinhalese, 726 Tamils, 3 Europeans, 6 Moors, and 1 other), and corresponded to an annual birth-rate of 22.9 against a mean rate of 27.2 in the third quarters of 1891-97, and a death-rate of 32.4 against a mean rate of 28.9 in the third quarters of 1891-97. Dysentery and diarrhoea were fatal in 346 cases, i.e., nearly 46 per cent. of the total number of deaths (749). 146 deaths are attributed to debility (mostly of infants from inability to suck), 15 to fever, 51 to pneumonia, 11 to bronchitis, 44 to dropsy, 17 to infantile convulsions, 26 to old age, and 9 to childbirth.

61. *Badulla District.*—The total number of births registered from the estates in the Badulla District was 223 (1 Sinhalese, 1 Moor, and 221 Tamils), and the deaths numbered 263 (2 Sinhalese, 1 European, and 260 Tamils), corresponding to an annual birth-rate of 34.5 against a mean rate of 32.0 in the corresponding period of 1891-97, and a death-rate of 40.6 against a mean rate of 33.2 in the third quarters of 1891-97. Dysentery and diarrhoea were fatal in 113 cases, forming 43 per cent. of the total number of deaths (263), debility in 27 cases (mostly of infants from inability to suck), fever in 16, general dropsy in 12, pneumonia in 12, infantile convulsions in 7, and malarial cachexia in 14.

62. *Ratnapura District.*—The total number of births registered from the estates in the Ratnapura District was 91 (1 European, 3 Sinhalese, 85 Tamils, and 2 Moors), and deaths numbered 248 (239 Tamils, 8 Sinhalese, and 1 Moor), corresponding respectively to an annual birth-rate, among the Tamils, of 31.1 and a death-rate as high as 87.6, which is three times the average rate. Here, as elsewhere, the most fatal causes were diarrhoeal diseases, which caused 119 deaths, or 48 per cent. of the total number of deaths (248). The other principal causes of deaths were fever 26, debility 17, infantile convulsions 6, and old age 1.

63. *Kegalla District.*—The total number of births registered from the estates in the Kegalla District was 252 (232 Tamils, 16 Sinhalese, 1 European, 1 Burgher, and 2 Moors), and the deaths numbered 406 (394 Tamils, 11 Sinhalese, and 1 Moor), and corresponding respectively to an annual birth-rate, among the Tamils, of 28.7 against 19.9 the mean rate for the corresponding quarters in the last seven years, and a death-rate of 48.7 against 34.6 the mean rate for the third quarters of 1891-97. The largest number of deaths in this district, as elsewhere, was due to diarrhoeal causes, being 167 (96 from diarrhoea and 71 from dysentery), or 41 per cent. of the total number of deaths (406). Of the other principal causes of deaths, fever accounted for 19 deaths, debility for 48 (mostly of infants due to inability to suck), anchylostomiasis for 30, general dropsy for 10, malarial cachexia for 30, pneumonia for 12, infantile convulsions for 30, phthisis for 6, old age for 10, childbirth for 6, and starvation and want of breast-milk for 23.

64. *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 28 (23 Tamils and 5 Sinhalese), and the number of deaths was 61 (1 Sinhalese and 60 Tamils), and corresponded to an annual birth-rate of 18.8 against a mean rate of 32.0 in the third quarters of 1891-97, and a death-rate of 49.1 against a mean rate of 76.1 in the corresponding period of 1891-97. The most fatal causes were diarrhoeal diseases, which caused 32 deaths (17 from diarrhoea and 15 from dysentery), i.e., 53 per cent. of the total number of deaths (61). The other principal causes of deaths were fever 6, infantile convulsions 2, pneumonia 1, and phthisis 2.

65. *Kalutara District.*—The total number of births reported for registration from the estates in the Kalutara District was 36 (32 Tamils, 3 Sinhalese, and 1 Moor), and the deaths numbered 107 (104 Tamils and 3 Sinhalese), and corresponded to an annual birth-rate, among the Tamils, of 14.5, and a death-rate of 47.0, the mean rates for the corresponding period of 1891-97 being 12.3 and 51.1 respectively. The most fatal causes were diarrhoeal diseases, to which 38 deaths (19 from diarrhoea and 19 from dysentery), or 36 per cent. of the total number of deaths (107), were attributed. The other principal causes of deaths were pneumonia 4, debility 16, anchylostomiasis 2, phthisis 1, and old age 3.

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

66. The deaths registered in the town of Colombo during this quarter numbered 1,027. This, added to 6 deaths of town residents which occurred in the Infectious Diseases Hospital, Kanatta (outside the town), makes a total of 1,033, corresponding to an annual rate of 29.0 per 1,000, being 14 per cent. lower than the mean rate for the third quarter in the preceding five years (33.8).

The births registered in the quarter numbered 889, representing an annual rate of 25.0 per 1,000, an increase of 28 per cent. over the average rate for the third quarter in the preceding five years (19.5).

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

67. The subjoined Table E gives the births and deaths and their rates of each nationality living in the town in the third quarter of 1898, and the average rates for the third quarters in 1887-92 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 Third Quarters, 1887-92.	Average of Third Quarters, 1893-97.	Third Quarter, 1898.	Average of Third Quarters, 1887-92.	Average of Third Quarters, 1893-97.	Third Quarter, 1898.	Average of Third Quarters, 1887-92.	Average of Third Quarters, 1893-97.	Third Quarter, 1898.	Average of Third Quarters, 1887-92.	Average of Third Quarters, 1893-97.	Third Quarter, 1898.
ALL RACES	127836	498	664	889	656	1,154	*1,033	15.7	19.5	25.0	20.7	33.8	29.0
Europeans, including the													
Military...	2,239	9	16	12	11	16	12	15.9	28.4	21.3	19.5	28.3	21.3
Burghers ...	10,674	38	41	85	26	80	63	14.1	15.1	31.6	9.7	29.6	23.4
Sinhalese ...	59,962	198	282	514	247	530	474	13.1	18.7	34.0	16.3	35.1	31.4
Tamils ...	24,372	30	42	81	100	263	243	4.9	6.8	13.2	16.3	42.9	39.6
Moors ...	24,428	202	251	169	231	201	190	32.8	40.8	27.5	37.5	32.6	39.5
Malays ...	3,437	14	22	20	26	39	28	16.2	25.4	23.1	30.0	45.1	32.3
Others ...	2,724	7	10	8	15	25	23	10.2	15.1	11.7	21.8	37.3	33.5

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



68. The birth- and the death-rates given in the above table for the Europeans, Malays, and the races classed together as "Others" are not reliable, owing to their population being too small for purposes of rate calculation. Excluding the rates for these sections of the population, the lowest death-rate was, as usual, among the Burghers (23.4), and the highest among the Tamils (39.6), followed closely by the Moors (39.5). The high death-rate among the Tamils is due to mortality among destitute immigrants and to the fact that the Census population of 1891, on which the rate is calculated, is believed to be short of the actual population in the case of Tamils in a far greater degree than in the case of other races inhabiting the town. The improvement in the health of the town indicated by a fall of 14 per cent. on the average death-rate is shared by all sections of the population, except the Moors, whose rate in the quarter (39.5) shows an excess of 21 per cent. over the average (32.6). Of the four principal nationalities living in the town, Burghers, Sinhalese, and Tamils show improved birth-rates, which are about double their average rates in 1893-97, and are still higher as compared with their averages in 1887-92. The Moorish birth-rate is still below the averages for both these periods.

69. The number of births and deaths of the different races in the different wards of the town, their rates per 1,000, the principal zymotic causes of death, &c., during the third 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.	Fever.	Dochmius Duodenalis.	Diarrhoea and Dysentery.	Violence.	Accident.	Homicide.	Suicide.	Execution.	Births.
Colombo Town ...	127836	889	447	442	12	85	514	81	169	20	8	1033	591	442	12	63	474	243	190	28	23	4	5	145	5	147	7	1					25.0	29.0	269
Fort & Galle Face Pettah ...	2541											10	10		1	1	1	4	1		2	4					2							15.6	1
St. Sebastian ...	7961	19	10	9		2	12	2				28	22	6	1	5	3	3	6							2		1					9.5	13.9	7
St. Paul's ...	7943	44	29	15		2	14	2	25	1		49	24	25	4	15	5	23	2				1	5		2							22.0	24.5	14
Kotahena ...	16322	84	46	38		8	31	23	22			97	56	41	4	20	52	17			4			20		7	1					20.5	23.6	26	
New Bazaar ...	27935	193	88	105	1	9	156	8	18	1		190	93	97	116	125	27	21					1	31		28	1					27.4	27.0	60	
Maradana :	14501	135	66	69		10	74	9	39	3		108	60	48		9	39	14	42	4				15		5	1					36.9	29.6	45	
Hospitals Exclusive of Hops.	23562	79	47	32	1	6	62	6	2	3		207	156	51	6	4	115	63	12		5			15	5	64	3							9	
Slave Island ...	13622	9	5	50	45	1	8	35	12	22	9	8	124	60	64	1	4	34	32	29	18	6		1	13	16						28.1	25.4	47	
Kollupitiya ...	13449	77	35	42	4	11	49	10	3			69	45	24	1	6	40	15	7				1	13		5	1					22.7	20.4	19	

70. As usual the Slave Island Ward takes the lead as the unhealthiest division with a mortality of 36.1, followed by New Bazaar (29.6), Kotahena (27.0). Pettah shows the lowest death-rate (13.9), which is hardly a measure of its sanitary condition. For it is as insanitary, if not more so, than Slave Island, but is like the Fort Ward, inhabited chiefly by a male adult floating population, which also accounts for its low birth-rate (9.5). Kollupitiya Ward shows a death-rate of 20.4, and may be said to be the healthiest division in the town.

71. There were no deaths from cholera in the town. The four deaths from this cause appearing in the return occurred in the Infectious Diseases Hospital, Kanatta (outside the town), to which the patients were removed (three from the Fort and the other from the Pettah). All the cases were coolies working in the harbour, and the infection was traced to South India, where cholera was prevailing. For further particulars see paragraph 73 below.

72. Measles caused 5 deaths, whooping cough 1, and influenza 1. Phthisis, bronchitis, and pneumonia were fatal in 191 cases (against an average of 160 in the corresponding period of the last five years), dysentery and diarrhoea in 147 (average 221), infantile convulsions in 94 (average 132), debility in 86 (average 75), remittent fever in 67 (average 42), simple fever in 53 (average 93), premature birth in 39 (average 22), old age in 37 (average 42), worms in 28 (average 44), enteric fever in 25 (average 30), malarial cachexia in 24 (average 29), tetanus in 23 (average 30), diseases of the circulatory system in 13 (average 13), paralysis in 11 (average 13), anæmia in 11 (average 12), parturition in 9 (average 17), dochmius duodenalis in 5 (average 4). Other causes of death were, apoplexy 7, tabes mesenterica 7, brain disease 6, cellulitis 6, ulcer 5, laryngitis 4, leprosy 3. Of the 7 deaths attributed to accidents, 3 were due to drowning, 2 to fall from trees, 1 to fall from height other than trees, and 1 to injuries received by being caught in machinery. One death resulted from homicide.

73. The following extracts from the report of Dr. Driberg, the Sanitary Officer of the Municipality, give detailed and interesting information about the health of the city :-

"Infectious Diseases.—There were five cases of cholera sent to the Infectious Diseases Hospital during this quarter. Four of these occurred in the town. The patients in all the four cases were wharf coolies working on board, and were attacked in the Fort and sent to hospital from there. The fact that no other cases occurred in any other part of the town, and that all those attacked were wharf coolies, suggests but one source of infection. These men must have partaken of some infected food on board some ship coming from an infected port. Cholera was prevailing in Southern India at the time. The fifth case was that of an immigrant cooly who was attacked at the cooly dépôt at the root of the Breakwater soon after he was landed. He was promptly sent to hospital by the Port Surgeon. All the cases proved fatal. In this connection I had an inspection made of all the different eating-houses in the various parts of the town, from where cooked food is brought into the Fort for these coolies. I found the food was of good quality, and the water used for culinary purposes was obtained from the standpipe. I also had an inspection made of the large number of lighters in the wharf in which a number of coolies cook their food and sleep at night. Nearly all of them were in an insanitary state, very offensive with bilge water. I reported the matter to the Chairman, and suggested that the various companies that own these lighters should be written to, and that the Harbour Police ought to exercise stricter supervision over them.

"There were five cases of smallpox sent to hospital during this quarter. Three were from Chekku street (next to Sea street, where there was an outbreak during the previous quarter) and one case was from Wall street, Kotahena. All the four cases recovered and were discharged. The fifth case was sent by the Port Surgeon from the M. M. steamer "Dupleix." This was a bad case of "confluent" and proved fatal in hospital.

"There were 29 cases of chickenpox and 11 cases of measles sent to hospital during this quarter.

"*Health of the City.*—There has again been some agitation in the local press that enteric fever is on the increase in Colombo; and as it has been truly said by a great authority that there is no truer indication of the sanitary condition of a town than the return of the number of cases of this disease, I wish to make some special reference to this subject.

"There were 27 cases of enteric fever during this quarter, as against 35 in the second quarter and 30 in the first quarter.

"The following are returns of enteric fever I received through the courtesy of the Registrar-General and the Physician in charge of the General Hospital :—

Year.	No. of Deaths.	Year.	No. of Deaths.
1893	69	1896	81
1894	151	1897	104
1895	71	1898 till third quarter	92

"The following is a return of cases of enteric fever treated in the General Hospital :—

Year.	No. of Cases treated in Hospital.	Year.	No. of Cases treated in Hospital.
1894	38	1896	96
1895	50	1897	74

"During this year there have been treated at the General Hospital :—

	Cases.		Cases.
January	9	July	2
February	10	August	5
March	14	September	5
April	7		
May	8	Total (till September)	63
June	3		

"This makes a total of 63 cases up to date treated in hospital for this year; and as it has been ascertained from statistics and other sources of investigation that typhoid prevails most in the hot, dry season, when the ground water is low, under which circumstances wells and water-sources drain more thoroughly contaminated foci, I anticipate with some confidence that the number of cases this year will not very much exceed that of last year, or may probably be less.

"It cannot be too frequently emphasized that the modes of conveyance of typhoid contagion (with rare and exceptional cases) are through water and milk.

"As regards milk, it must be noted that direct adulteration itself is not necessary, but that mere washing of the utensils with infected water is sufficient. Such being the case, there can be no question that typhoid fever has been very much controlled by our present water supply, and that it can be still more effectually controlled when our water supply is unstinted and all our wells in town still in use for even culinary or bathing purposes closed up. In the absence of such wells the poison cannot be conveyed by water or milk. In this connection I may mention that in more than one instance, where I have been investigating the origin of a case of typhoid where its presence seemed inexplicable, when every other possible cause of infection had been eliminated and the premises and surroundings were in a sanitary condition all to be desired, I found the milk was bought from outside. Thus its non-adulteration could not be ensured. The danger of drinking such milk unboiled is of course doubly increased. Then as to the other modes of conveyance we must consider filth, bad sewers and drains, and cesspits. Although these cannot in themselves cause typhoid, it is now quite an accepted theory that they furnish the conditions suitable for the preservation of the bacillus and possibly for its propagation. It is however surprising how liability to contract this disease under insanitary conditions decreases with the length of residence under those conditions.

"A sort of acclimatization or habituation to the poison is established just as is the case with other organic poisons. In certain of the most insanitary parts of Colombo, where any one accustomed to live under sanitary conditions is sure to contract the disease, the resident native population are peculiarly immune. It can be no question then that next to a pure and unstinted water supply the sanitary safeguards of importance are the closing up of all cesspits in overcrowded localities and the bringing of our drains and sewers into an efficient a state as possible.

"It has been repeatedly demonstrated that the prevalence of typhoid fever in cities is proportionate to the purity of the water supply and the efficiency of the drainage. I may however add that sanitary reforms found to be efficient for the prevention of this disease in the West have not been found equally so in the East, and as a proof of this Dr. Manson, one of the greatest authorities on tropical diseases, quotes the fact that typhoid fever kills more English soldiers in India than cholera. I have communicated with the leading medical men in Colombo, and they have written to me that they have noted no appreciable increase in the prevalence of typhoid fever in Colombo during this or in recent years."

#### VIII.—Health of other Towns.

74. The total number of births registered in the principal towns (exclusive of Colombo) during the quarter numbered 1,826, corresponding to an annual rate of 33.1 per 1,000, a slight increase above the average rate for the corresponding period in the last seven years (32.7).

The deaths numbered 2,021, and were at the annual rate 36.6, an increase of 3 per 1,000 over the average (33.2).

75. The following Table G shows the birth- and death-rates in each of the principal towns of the Island for the third quarters of 1898 and 1897 and the average rates for the third quarters in 1891-97. In case of the towns of



Moratuwa, Panadure, Gampola, Nawalapitiya, Mannar, Mullaittivu, Vavuniya, Tangalla, and Kegalla, which do not form separate revenue subdivisions, the averages are not available. The rates given are for all races, and include events occurring in hospitals and jails.

TABLE G.

Town.	Population at the Census of 1891.	Third Quarter, 1898.			Birth-rate.			Death-rate.			
		Total Births.	Total Deaths.	Deaths in Hospitals and Jails	Average of Third Quarters, 1891-97.	Third Quarter, 1897.	Third Quarter, 1898.	Average of Third Quarters, 1891-97.	Third Quarter, 1897.	Third Quarter, 1898.	
										Inclusive of Hospital and Jail Deaths.	Exclusive of Hospital and Jail Deaths.
<i>Western Province.</i>											
Colombo ...	127,835	889	1,033	215	13·6	14·9	25·0	21·4	35·0	29·0	23·0
Negombo ...	18,933	149	140	20	67·8	37·6	31·2	42·4	27·9	29·3	25·1
Moratuwa ...	24,948	249	113	—	—	48·5	37·8	—	24·0	18·0	18·0
Kalutara ...	10,864	87	62	15	24·5	25·9	31·8	27·3	27·8	22·6	17·2
Panadure ...	3,245	30	31	18*	—	46·5	36·7	—	44·0	37·9	15·9
<i>Central Province.</i>											
Kandy ...	20,558	84	198	81*	13·5	27·4	16·2	25·4	28·2	38·2	22·6
Gampola ...	2,975	11	62	53*	—	14·7	14·7	—	50·7	82·7	12·0
Nawalapitiya ...	2,542	10	86	71*	—	34·3	15·6	—	64·0	134·2	23·4
Matale ...	4,197	41	116	84*	16·3	21·7	38·8	57·6	37·8	109·6	30·2
Nuwara Eliya ...	2,726	22	37	24*	23·1	21·8	32·0	40·3	39·3	53·8	18·9
<i>Northern Province.</i>											
Jaffna ...	35,856	378	203	4	35·6	4·8	41·8	25·8	21·4	22·5	22·0
Mannar ...	3,254	29	14	2	—	39·0	35·4	—	31·7	17·1	14·6
Mullaittivu ...	1,127	11	15	—	—	49·3	38·7	—	73·9	52·8	52·8
Vavuniya ...	467	2	11	—	—	17·0	17·0	—	76·5	93·5	93·5
<i>Southern Province.</i>											
Galle ...	33,590	215	192	34	29·6	9·6	25·4	38·5	11·8	22·7	18·7
Matara ...	11,500	85	81	23	26·7	37·3	29·3	29·8	35·9	27·9	20·0
Hambantota ...	2,588	16	22	4	40·3	58·3	24·6	36·1	38·3	33·7	27·6
Tangalla ...	1,436	13	9	2	—	38·7	35·9	—	13·8	24·9	19·3
<i>Eastern Province.</i>											
Batticaloa ...	7,257	92	59	4	28·7	38·8	50·3	20·3	33·9	32·3	30·1
Trincomalee ...	11,948	106	116	3	30·1	22·2	35·2	29·2	36·9	38·5	37·5
<i>North-Western Province.</i>											
Kurunegala ...	4,745	27	133	115*	19·2	17·6	22·6	60·8	43·5	112·2	15·1
Puttalam ...	5,034	29	57	13	31·8	24·4	22·9	36·7	33·1	44·9	34·7
Chilaw ...	3,738	17	17	7	21·8	24·4	18·1	19·2	12·7	18·1	10·6
<i>North-Central Province.</i>											
Anuradhapura ...	2,508	33	26	10	23·7	33·2	52·2	40·7	34·8	41·1	25·3
<i>Province of Uva.</i>											
Badulla ...	5,023	52	72	33*	34·1	48·2	41·1	54·8	60·0	56·9	30·8
<i>Province of Sabaragamuwa.</i>											
Ratnapura ...	3,527	21	115	94*	28·3	24·7	23·6	34·2	37·1	129·3	23·6
Kegalla ...	3,143	17	34	26*	—	40·4	21·5	—	35·3	42·9	10·1

Of the 26 towns (other than Colombo) included in this table, as many as 18 have a population estimated at the last census to be under 10,000. In ten of these towns indicated by asterisks—Panadure, Kandy, Gampola, Nawalapitiya, Matale, Nuwara Eliya, Kurunegala, Badulla, Ratnapura, and Kegalla—about 50 per cent. or more of the deaths occurred in hospitals, chiefly resorted to by estate coolies or by destitute persons not resident in the towns. The death-rates therefore are not trustworthy as an index to the comparative sanitary condition of the towns. Excluding these, Moratuwa shows the lowest death-rate (18·0), followed by Kalutara (22·6) and Galle (22·7), and Trincomalee the highest (38·5). Kandy shows a death-rate of 38·2, inclusive of hospital and jail deaths. If these were excluded, the rate would be reduced to 22·6.

## APPENDIX.

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

Province and District.	Area in Square Miles.	Estimated Population,* July 1, 1898.	MARRIAGES.			BIRTHS.			DEATHS.		
			Total.	General.	Kandyan.	Total.	Males.	Females.	Total.	Males.	Females.
CEYLON ...	25,333	3,150,148	6,977	4,338	2,639	29,868	15,393	14,475	21,539	11,194	10,345
Western ...	1,432	818,370	1,928	1,928	—	6,367	3,294	3,073	4,056	2,112	1,944
Central ...	2,300	488,076	780	140	640	4,649	2,377	2,272	4,621	2,434	2,187
Northern ...	3,363	340,052	557	557	—	3,418	1,769	1,649	2,015	1,054	961
Southern ...	2,146	514,170	1,100	1,096	4	4,433	2,333	2,100	2,743	1,373	1,370
Eastern ...	4,037	163,851	97	78	19	2,066	1,080	986	1,048	567	481
North-Western ...	2,997	319,919	1,202	409	793	3,605	1,817	1,788	2,457	1,213	1,244
North-Central* ...	4,002	75,146	168	24	144	862	437	425	581	318	263
Uva ...	3,155	166,445	200	25	175	1,725	888	837	1,699	906	793
Sabaragamuwa ...	1,901	264,119	945	81	864	2,743	1,393	1,345	2,319	1,217	1,102
Western.											
Colombo ...	561	469,453	1,133	1,133	—	3,597	1,843	1,754	2,414	1,291	1,123
Negombo ...	247	149,438	419	419	—	1,175	622	553	547	28	264
Kalutara ...	624	199,479	376	376	—	1,595	829	766	1,095	538	557
Central.											
Kandy ...	911	296,444	593	94	499	2,802	1,413	1,389	2,592	1,373	1,219
Matale ...	926	77,749	100	14	86	808	416	392	948	476	472
Nuwara Eliya ...	463	113,883	87	32	55	1,039	548	491	1,081	585	496
Northern.											
Jaffna ...	819	301,792	476	476	—	3,059	1,536	1,473	1,679	858	821
Mannar ...	546	23,613	56	56	—	208	105	103	203	122	81
Mullaitivu ...	936	7,071	12	12	—	70	38	32	56	34	22
Vavuniya ...	1,062	7,576	13	13	—	81	40	41	77	40	37
Southern.											
Galle ...	652	235,402	433	429	4	1,990	1,053	937	1,337	663	674
Matara ...	481	188,176	366	366	—	1,515	788	727	930	459	471
Hambantota ...	1,013	90,592	301	301	—	928	492	436	476	251	225
Eastern.											
Batticaloa ...	2,872	137,461	73	54	19	1,730	918	812	802	444	358
Trincomalee ...	1,165	26,390	24	24	—	336	162	174	246	123	123
North-Western.											
Kurunegala ...	1,845	227,554	919	157	762	2,713	1,378	1,335	1,952	959	993
Puttalam ...	890	25,274	66	36	31	237	117	120	246	129	117
Chilaw ...	262	67,091	217	217	—	655	322	333	259	125	134
North-Central.											
Anuradhapura ...	4,002	75,146	168	24	144	862	437	425	581	318	263
Uva.											
Badulla ...	3,155	166,445	200	25	175	1,725	888	837	1,699	906	793
Sabaragamuwa.											
Ratnapura ...	1,259	110,565	263	30	233	1,176	587	589	1,146	614	532
Kegalla ...	642	153,554	682	51	631	1,567	811	756	1,173	603	570

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

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

Province and District.	Birth-rate per Mille per Annum.				Death-rate per Mille per Annum.			
	Average of Ten Third Quarters of 1888-97.	Third Quarter of 1897.	Second Quarter of 1898.	Third Quarter of 1898.	Average of Ten Third Quarters of 1888-97.	Third Quarter of 1897.	Second Quarter of 1898.	Third Quarter of 1898.
CEYLON ... ..	31·5	43·7	40·8	37·6	25·9	24·4	25·0	27·1
Western ... ..	28·0	35·1	35·6	30·9	19·5	21·7	21·2	19·7
Central ... ..	32·5	58·2	42·5	37·8	29·9	25·6	30·1	37·6
Northern ... ..	30·9	28·7	36·9	39·9	20·8	19·2	23·6	23·5
Southern ... ..	30·7	42·7	34·9	34·2	25·5	24·5	18·4	21·2
Eastern ... ..	42·3	50·0	53·0	50·0	26·4	27·4	25·6	25·4
North-Western ... ..	33·3	50·1	46·5	44·7	32·9	25·8	27·1	30·5
North-Central ... ..	39·6	46·4	41·4	45·5	32·2	31·1	32·3	30·7
Uva ... ..	36·8	46·8	46·4	41·1	33·4	34·5	32·2	40·5
Sabaragamuwa ... ..	29·1	51·4	51·3	41·2	29·8	34·7	30·8	34·8
Western.								
Colombo ... ..	20·1	32·7	33·3	30·4	19·2	23·2	22·7	20·4
Negombo ... ..	35·7	47·7	35·7	31·2	19·9	15·1	14·4	14·5
Kalutara ... ..	27·0	31·3	41·0	31·7	20·0	23·0	22·7	21·8
Central.								
Kandy ... ..	32·5	66·8	42·7	37·5	28·9	26·3	30·9	34·7
Matale ... ..	36·8	61·9	53·6	41·2	38·8	30·7	30·5	48·4
Nuwara Eliya ... ..	29·7	33·4	34·2	36·2	26·3	20·3	28·1	37·7
Northern.								
Jaffna ... ..	30·5	27·0	37·1	40·2	19·2	17·1	22·2	22·1
Mannar ... ..	32·7	42·0	33·6	35·0	29·9	33·4	35·1	34·1
Mullaittivu ... ..	36·5	41·9	47·1	39·3	37·9	41·3	48·2	31·4
Vavuniya ... ..	33·4	41·3	27·6	42·4	38·7	39·8	22·8	40·3
Southern.								
Galle ... ..	29·9	35·0	30·1	33·5	26·6	23·3	19·6	22·5
Matara ... ..	30·5	46·4	40·1	31·9	24·5	26·6	17·6	19·6
Hambantota ... ..	33·2	55·2	36·6	40·6	24·8	23·5	17·6	20·8
Eastern.								
Batticaloa ... ..	43·6	48·4	55·8	49·9	26·3	25·8	23·8	23·2
Trincomalee ... ..	36·0	57·8	38·6	50·5	26·6	35·6	35·0	37·0
North-Western.								
Kurunegala ... ..	35·2	57·0	48·5	47·3	36·4	27·9	29·2	34·0
Puttalam ... ..	32·7	40·6	48·5	37·2	36·6	35·7	38·0	38·6
Chilaw ... ..	26·7	30·5	39·0	38·7	19·0	14·8	15·9	15·3
North-Central.								
Anuradhapura ... ..	39·6	46·4	41·4	45·5	32·2	31·1	32·3	30·7
Uva.								
Badulla ... ..	36·8	46·8	46·4	41·1	33·4	34·5	32·2	40·5
Sabaragamuwa.								
Ratnapura ... ..	31·7	45·4	52·3	42·2	31·3	29·2	33·5	41·1
Kegalla ... ..	27·4	55·8	50·5	40·5	28·6	21·4	28·0	30·3

Table III.—Sinhalese 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 Sinhalese Districts, in the Second and Third Quarters of 1898, the Third Quarter of 1897, and the mean rates for the Third Quarters of 1891-97.

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 Third Quarter of 1898
					Average of Seven Third Quarters, 1891-97.	Third Quarter of 1897.	Second Quarter of 1898.	Third Quarter of 1898.	Average of Seven Third Quarters, 1891-97.	Third Quarter of 1897.	Second Quarter of 1898.	Third Quarter of 1898.	
<b>CEYLON ...</b>	<b>25333</b>	<b>2,170,249</b>	<b>20,698</b>	<b>13,065</b>	<b>33.8</b>	<b>48.7</b>	<b>42.3</b>	<b>37.8</b>	<b>26.3</b>	<b>23.8</b>	<b>22.2</b>	<b>23.9</b>	<b>151</b>
<b>WESTERN ...</b>	<b>1432</b>	<b>706,930</b>	<b>6,672</b>	<b>3,112</b>	<b>29.7</b>	<b>37.8</b>	<b>37.1</b>	<b>31.8</b>	<b>18.5</b>	<b>19.2</b>	<b>18.7</b>	<b>17.5</b>	<b>113</b>
<i>Colombo ...</i>	<i>561</i>	<i>395,551</i>	<i>3,157</i>	<i>1,744</i>	<i>29.1</i>	<i>36.2</i>	<i>35.0</i>	<i>31.7</i>	<i>18.1</i>	<i>19.4</i>	<i>19.2</i>	<i>17.5</i>	<i>120</i>
<i>Colombo Municipality ...</i>	<i>10</i>	<i>54,766</i>	<i>514</i>	<i>472</i>	<i>17.8</i>	<i>23.4</i>	<i>27.1</i>	<i>25.0</i>	<i>30.5</i>	<i>38.8</i>	<i>40.5</i>	<i>29.0</i>	<i>155</i>
<i>Alutkuru Korale South ...</i>	<i>72</i>	<i>62,574</i>	<i>491</i>	<i>228</i>	<i>25.6</i>	<i>37.4</i>	<i>34.9</i>	<i>31.1</i>	<i>13.6</i>	<i>17.0</i>	<i>17.5</i>	<i>14.5</i>	<i>118</i>
<i>Hewagam Korale ...</i>	<i>170</i>	<i>59,725</i>	<i>496</i>	<i>263</i>	<i>36.5</i>	<i>35.0</i>	<i>41.2</i>	<i>33.0</i>	<i>21.0</i>	<i>19.0</i>	<i>14.9</i>	<i>17.5</i>	<i>113</i>
<i>Salpiti Korale ...</i>	<i>75</i>	<i>87,337</i>	<i>634</i>	<i>342</i>	<i>29.4</i>	<i>37.6</i>	<i>30.8</i>	<i>28.8</i>	<i>15.7</i>	<i>17.9</i>	<i>17.5</i>	<i>15.5</i>	<i>120</i>
<i>Siyane Korale ...</i>	<i>233<math>\frac{1}{2}</math></i>	<i>131,149</i>	<i>1,022</i>	<i>439</i>	<i>32.8</i>	<i>40.6</i>	<i>37.5</i>	<i>30.9</i>	<i>14.8</i>	<i>13.3</i>	<i>12.6</i>	<i>13.3</i>	<i>62</i>
<i>Negombo ...</i>	<i>247</i>	<i>129,847</i>	<i>1,067</i>	<i>487</i>	<i>34.1</i>	<i>51.7</i>	<i>38.6</i>	<i>32.6</i>	<i>19.3</i>	<i>15.4</i>	<i>14.8</i>	<i>14.9</i>	<i>89</i>
<i>Negombo Local Board ...</i>	<i>7<math>\frac{1}{2}</math></i>	<i>12,118</i>	<i>120</i>	<i>115</i>	<i>51.3</i>	<i>50.3</i>	<i>51.9</i>	<i>39.3</i>	<i>38.0</i>	<i>35.3</i>	<i>29.6</i>	<i>37.6</i>	<i>158</i>
<i>Alutkuru Korale North ...</i>	<i>159</i>	<i>88,389</i>	<i>691</i>	<i>266</i>	<i>31.4</i>	<i>49.9</i>	<i>35.8</i>	<i>31.0</i>	<i>16.4</i>	<i>13.6</i>	<i>12.8</i>	<i>11.9</i>	<i>82</i>
<i>Hapitigam Korale ...</i>	<i>81<math>\frac{1}{2}</math></i>	<i>29,340</i>	<i>256</i>	<i>106</i>	<i>35.0</i>	<i>57.6</i>	<i>41.4</i>	<i>34.6</i>	<i>20.1</i>	<i>12.6</i>	<i>14.6</i>	<i>14.3</i>	<i>74</i>
<i>Kalutara ...</i>	<i>624</i>	<i>181,532</i>	<i>1,448</i>	<i>881</i>	<i>27.6</i>	<i>31.4</i>	<i>40.5</i>	<i>31.6</i>	<i>18.6</i>	<i>21.3</i>	<i>20.3</i>	<i>19.3</i>	<i>115</i>
<i>Kalutara Local Board ...</i>	<i>1</i>	<i>8,750</i>	<i>67</i>	<i>51</i>	<i>25.6</i>	<i>30.6</i>	<i>29.4</i>	<i>30.4</i>	<i>24.9</i>	<i>29.6</i>	<i>23.4</i>	<i>23.1</i>	<i>179</i>
<i>Kalutara Totamuna ...</i>	<i>88</i>	<i>84,216</i>	<i>616</i>	<i>419</i>	<i>30.1</i>	<i>41.8</i>	<i>39.9</i>	<i>29.0</i>	<i>19.5</i>	<i>27.1</i>	<i>20.9</i>	<i>19.7</i>	<i>115</i>
<i>Pasdun Korale ...</i>	<i>403</i>	<i>40,159</i>	<i>365</i>	<i>175</i>	<i>26.4</i>	<i>24.2</i>	<i>46.5</i>	<i>36.1</i>	<i>18.1</i>	<i>16.9</i>	<i>19.3</i>	<i>17.3</i>	<i>82</i>
<i>Rayigam Korale ...</i>	<i>130</i>	<i>48,407</i>	<i>400</i>	<i>236</i>	<i>26.4</i>	<i>24.5</i>	<i>38.5</i>	<i>32.8</i>	<i>17.2</i>	<i>16.6</i>	<i>19.5</i>	<i>19.3</i>	<i>135</i>
<b>CENTRAL ...</b>	<b>2300</b>	<b>267,455</b>	<b>2,849</b>	<b>2,069</b>	<b>41.0</b>	<b>78.3</b>	<b>51.3</b>	<b>42.3</b>	<b>31.2</b>	<b>19.2</b>	<b>25.2</b>	<b>30.7</b>	<b>194</b>
<i>Kandy ...</i>	<i>911</i>	<i>168,830</i>	<i>1,769</i>	<i>1,156</i>	<i>41.0</i>	<i>88.7</i>	<i>51.6</i>	<i>41.6</i>	<i>29.3</i>	<i>23.2</i>	<i>23.6</i>	<i>27.2</i>	<i>163</i>
<i>Kandy Municipality ...</i>	<i>6<math>\frac{1}{2}</math></i>	<i>9,420</i>	<i>58</i>	<i>86</i>	<i>18.0</i>	<i>39.4</i>	<i>27.2</i>	<i>24.4</i>	<i>23.2</i>	<i>24.6</i>	<i>34.8</i>	<i>36.2</i>	<i>258</i>
<i>Harispattu ...</i>	<i>50</i>	<i>27,707</i>	<i>307</i>	<i>161</i>	<i>47.3</i>	<i>113.5</i>	<i>50.5</i>	<i>43.0</i>	<i>29.5</i>	<i>20.6</i>	<i>21.0</i>	<i>22.5</i>	<i>147</i>
<i>Pata Dumbara ...</i>	<i>107</i>	<i>31,969</i>	<i>336</i>	<i>213</i>	<i>43.3</i>	<i>101.2</i>	<i>55.4</i>	<i>41.7</i>	<i>28.2</i>	<i>21.6</i>	<i>23.5</i>	<i>26.4</i>	<i>44</i>
<i>Pata Hewaheta ...</i>	<i>57<math>\frac{1}{2}</math></i>	<i>13,256</i>	<i>115</i>	<i>89</i>	<i>44.8</i>	<i>83.2</i>	<i>51.5</i>	<i>34.4</i>	<i>27.1</i>	<i>21.1</i>	<i>23.5</i>	<i>26.6</i>	<i>139</i>
<i>Tumpane ...</i>	<i>46</i>	<i>11,443</i>	<i>108</i>	<i>66</i>	<i>41.4</i>	<i>99.7</i>	<i>57.7</i>	<i>37.1</i>	<i>36.7</i>	<i>25.4</i>	<i>20.2</i>	<i>22.9</i>	<i>178</i>
<i>Uda Bulatgama ...</i>	<i>230</i>	<i>10,914</i>	<i>76</i>	<i>56</i>	<i>21.8</i>	<i>36.8</i>	<i>23.2</i>	<i>28.0</i>	<i>16.3</i>	<i>18.2</i>	<i>19.1</i>	<i>20.4</i>	<i>117</i>
<i>Uda Dumbara ...</i>	<i>238<math>\frac{1}{2}</math></i>	<i>19,828</i>	<i>275</i>	<i>181</i>	<i>45.6</i>	<i>67.9</i>	<i>47.5</i>	<i>55.0</i>	<i>34.4</i>	<i>27.6</i>	<i>19.8</i>	<i>36.2</i>	<i>167</i>
<i>Uda Nuwara ...</i>	<i>34<math>\frac{1}{2}</math></i>	<i>12,133</i>	<i>139</i>	<i>65</i>	<i>45.6</i>	<i>80.9</i>	<i>60.0</i>	<i>45.5</i>	<i>29.9</i>	<i>16.6</i>	<i>24.0</i>	<i>21.3</i>	<i>173</i>
<i>Uda Palata ...</i>	<i>106</i>	<i>17,626</i>	<i>187</i>	<i>111</i>	<i>35.7</i>	<i>86.1</i>	<i>55.5</i>	<i>42.1</i>	<i>27.1</i>	<i>25.0</i>	<i>25.7</i>	<i>25.0</i>	<i>161</i>
<i>Yati Nuwara ...</i>	<i>33<math>\frac{1}{2}</math></i>	<i>14,534</i>	<i>168</i>	<i>128</i>	<i>45.9</i>	<i>121.6</i>	<i>72.0</i>	<i>45.9</i>	<i>36.8</i>	<i>32.3</i>	<i>29.6</i>	<i>34.9</i>	<i>202</i>
<i>Matale ...</i>	<i>926</i>	<i>55,456</i>	<i>598</i>	<i>606</i>	<i>45.0</i>	<i>69.7</i>	<i>57.5</i>	<i>42.8</i>	<i>41.1</i>	<i>28.5</i>	<i>28.6</i>	<i>43.4</i>	<i>294</i>
<i>Matale Local Board ...</i>	<i>1</i>	<i>1,628</i>	<i>19</i>	<i>26</i>	<i>24.3</i>	<i>22.3</i>	<i>42.0</i>	<i>46.3</i>	<i>45.8</i>	<i>19.9</i>	<i>32.1</i>	<i>63.4</i>	<i>210</i>
<i>Matale South ...</i>	<i>163<math>\frac{1}{2}</math></i>	<i>24,158</i>	<i>271</i>	<i>239</i>	<i>44.4</i>	<i>75.6</i>	<i>59.2</i>	<i>44.5</i>	<i>41.4</i>	<i>25.7</i>	<i>28.8</i>	<i>39.3</i>	<i>273</i>
<i>Matale East ...</i>	<i>373<math>\frac{3}{4}</math></i>	<i>13,683</i>	<i>140</i>	<i>173</i>	<i>43.0</i>	<i>59.1</i>	<i>53.1</i>	<i>40.6</i>	<i>43.6</i>	<i>29.9</i>	<i>27.4</i>	<i>50.2</i>	<i>328</i>
<i>Matale North ...</i>	<i>383<math>\frac{3}{4}</math></i>	<i>15,987</i>	<i>168</i>	<i>168</i>	<i>49.8</i>	<i>74.8</i>	<i>60.2</i>	<i>41.7</i>	<i>37.9</i>	<i>32.3</i>	<i>28.8</i>	<i>41.7</i>	<i>310</i>
<i>Nuwara Eliya ...</i>	<i>463</i>	<i>43,169</i>	<i>482</i>	<i>307</i>	<i>39.7</i>	<i>49.3</i>	<i>42.5</i>	<i>44.3</i>	<i>26.6</i>	<i>22.6</i>	<i>23.5</i>	<i>28.2</i>	<i>185</i>
<i>Nuwara Eliya Local Board and outside ...</i>	<i>4<math>\frac{1}{2}</math></i>	<i>1,864</i>	<i>11</i>	<i>7</i>	<i>26.6</i>	<i>25.9</i>	<i>35.2</i>	<i>32.0</i>	<i>19.9</i>	<i>14.4</i>	<i>49.8</i>	<i>20.4</i>	<i>182</i>
<i>Kotmale ...</i>	<i>236<math>\frac{1}{2}</math></i>	<i>13,752</i>	<i>126</i>	<i>96</i>	<i>28.8</i>	<i>28.4</i>	<i>38.1</i>	<i>36.3</i>	<i>23.7</i>	<i>21.4</i>	<i>23.4</i>	<i>27.7</i>	<i>286</i>
<i>Uda Hewaheta ...</i>	<i>108<math>\frac{3}{4}</math></i>	<i>16,782</i>	<i>210</i>	<i>100</i>	<i>44.7</i>	<i>70.5</i>	<i>46.7</i>	<i>49.6</i>	<i>25.9</i>	<i>20.6</i>	<i>18.8</i>	<i>23.4</i>	<i>148</i>
<i>Walapane ...</i>	<i>113<math>\frac{1}{2}</math></i>	<i>11,271</i>	<i>135</i>	<i>104</i>	<i>47.8</i>	<i>46.9</i>	<i>42.5</i>	<i>47.5</i>	<i>31.5</i>	<i>28.1</i>	<i>27.5</i>	<i>37.0</i>	<i>148</i>
<b>SOUTHERN ...</b>	<b>2146</b>	<b>490,388</b>	<b>4,299</b>	<b>2,553</b>	<b>32.0</b>	<b>43.6</b>	<b>35.3</b>	<b>34.8</b>	<b>25.9</b>	<b>24.6</b>	<b>18.4</b>	<b>20.7</b>	<b>130</b>
<i>Galle ...</i>	<i>652</i>	<i>222,599</i>	<i>1,920</i>	<i>1,241</i>	<i>30.9</i>	<i>36.2</i>	<i>30.8</i>	<i>34.2</i>	<i>26.2</i>	<i>23.7</i>	<i>19.7</i>	<i>22.1</i>	<i>124</i>
<i>Galle Municipality ...</i>	<i>6</i>	<i>25,223</i>	<i>162</i>	<i>130</i>	<i>26.9</i>	<i>11.2</i>	<i>15.2</i>	<i>25.5</i>	<i>26.3</i>	<i>12.8</i>	<i>13.8</i>	<i>20.4</i>	<i>142</i>
<i>Four Gravets beyond Municipal limits and Akmimana ...</i>	<i>25<math>\frac{1}{2}</math></i>	<i>18,596</i>	<i>157</i>	<i>99</i>	<i>24.5</i>	<i>26.2</i>	<i>22.0</i>	<i>33.5</i>	<i>19.7</i>	<i>18.7</i>	<i>19.6</i>	<i>21.1</i>	<i>115</i>
<i>Gangaboda Pattuwa ...</i>	<i>128<math>\frac{3}{4}</math></i>	<i>28,241</i>	<i>284</i>	<i>152</i>	<i>33.0</i>	<i>43.1</i>	<i>30.3</i>	<i>39.9</i>	<i>24.2</i>	<i>24.3</i>	<i>21.2</i>	<i>21.4</i>	<i>130</i>
<i>Wellaboda Pattuwa ...</i>	<i>83<math>\frac{1}{4}</math></i>	<i>57,484</i>	<i>512</i>	<i>345</i>	<i>31.2</i>	<i>38.8</i>	<i>32.1</i>	<i>35.4</i>	<i>28.1</i>	<i>27.3</i>	<i>20.9</i>	<i>23.8</i>	<i>131</i>
<i>Talpe Pattuwa ...</i>	<i>48</i>	<i>48,310</i>	<i>368</i>	<i>263</i>	<i>32.2</i>	<i>40.4</i>	<i>35.9</i>	<i>30.2</i>	<i>27.6</i>	<i>22.3</i>	<i>20.4</i>	<i>21.6</i>	<i>152</i>
<i>Walallawiti Korale ...</i>	<i>146</i>	<i>38,717</i>	<i>378</i>	<i>218</i>	<i>31.4</i>	<i>40.2</i>	<i>35.4</i>	<i>38.7</i>	<i>25.6</i>	<i>27.9</i>	<i>20.4</i>	<i>22.3</i>	<i>82</i>
<i>Hinidum Pattuwa ...</i>	<i>166</i>	<i>6,028</i>	<i>59</i>	<i>34</i>	<i>39.2</i>	<i>57.9</i>	<i>32.7</i>	<i>38.8</i>	<i>28.9</i>	<i>31.7</i>	<i>16.0</i>	<i>22.4</i>	<i>102</i>
<i>Matara ...</i>	<i>481</i>	<i>180,558</i>	<i>1,468</i>	<i>857</i>	<i>32.1</i>	<i>46.9</i>	<i>40.4</i>	<i>32.3</i>	<i>25.5</i>	<i>26.4</i>	<i>17.2</i>	<i>18.8</i>	<i>136</i>
<i>Matara Local Board ...</i>	<i>1<math>\frac{1}{2}</math></i>	<i>7,083</i>	<i>78</i>	<i>55</i>	<i>29.9</i>	<i>51.0</i>	<i>34.6</i>	<i>43.7</i>	<i>30.2</i>	<i>44.3</i>	<i>31.7</i>	<i>30.8</i>	<i>167</i>
<i>Four Gravets beyond Local Board limits ...</i>	<i>7<math>\frac{1}{2}</math></i>	<i>16,129</i>	<i>134</i>	<i>39</i>	<i>31.1</i>	<i>39.7</i>	<i>30.2</i>	<i>33.0</i>	<i>22.4</i>	<i>18.2</i>	<i>13.5</i>	<i>9.6</i>	<i>52</i>
<i>Wellaboda Pattuwa ...</i>	<i>51<math>\frac{1}{2}</math></i>	<i>40,279</i>	<i>351</i>	<i>165</i>	<i>33.8</i>	<i>44.1</i>	<i>41.1</i>	<i>34.6</i>	<i>26.3</i>	<i>27.4</i>	<i>14.2</i>	<i>16.2</i>	<i>128</i>
<i>Weligam Korale ...</i>	<i>111</i>	<i>48,310</i>	<i>337</i>	<i>189</i>	<i>33.1</i>	<i>46.5</i>	<i>34.8</i>	<i>28.3</i>	<i>22.9</i>	<i>25.6</i>	<i>15.4</i>	<i>15.5</i>	<i>122</i>
<i>Morawak Korale ...</i>	<i>160</i>	<i>13,846</i>	<i>111</i>	<i>96</i>	<i>31.3</i>	<i>42.5</i>	<i>53.1</i>	<i>31.8</i>	<i>30.7</i>	<i>31.1</i>	<i>25.1</i>	<i>27.5</i>	<i>198</i>
<i>Kandaboda Pattuwa ...</i>	<i>70</i>	<i>22,313</i>	<i>207</i>	<i>127</i>	<i>32.1</i>	<i>56.4</i>	<i>48.3</i>	<i>36.8</i>	<i>28.8</i>	<i>23.9</i>	<i>24.1</i>	<i>22.6</i>	<i>164</i>
<i>Gangaboda Pattuwa ...</i>	<i>79<math>\frac{3}{4}</math></i>	<i>32,594</i>	<i>250</i>	<i>186</i>	<i>29.8</i>	<i>48.7</i>	<i>43.3</i>	<i>30.4</i>	<i>24.1</i>	<i>26.2</i>	<i>14.0</i>	<i>22.6</i>	<i>148</i>

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 (Civilian) under Year to 1,000 Births in Third Quarter of 1898.	
					Average of Seven Third Quarters of 1891-97.	Third Quarter of 1897.	Second Quarter of 1898.	Third Quarter of 1898.	Average of Seven Third Quarters of 1891-97.	Third Quarter of 1897.	Second Quarter of 1898.	Third Quarter of 1898.		
<i>Hambantota</i> ...	1,013	87,231	911	455	34.4	56.0	36.8	41.4	25.7	23.4	17.7	20.7	133	
Hambantota Four Gravets ...	642½	1,043	5	8	39.8	68.9	23.0	19.0	42.5	42.1	30.7	30.4	400	
Magam Pattu, exclusive of Four Gravets ...		4,711	68	42	43.6	56.7	72.1	57.3	38.3	42.1	37.8	35.4	191	
Girawa Pattu East ...		122½	10,673	79	41	35.8	54.4	39.5	29.4	25.1	23.6	17.4	15.2	139
Girawa Pattu West ...		247½	70,804	759	364	33.6	56.0	34.1	42.5	24.6	21.9	16.2	20.4	125
<b>EASTERN</b>	4,037	7,591	76	74	29.0	42.8	43.0	39.7	30.8	24.8	25.0	38.7	197	
<i>Batticaloa</i> ...	2,872	6,443	64	63	26.2	29.8	41.3	39.4	29.8	23.0	23.1	38.8	141	
Batticaloa Local Board	1½	215	2	4	—	—	—	—	—	—	—	—	—	
Manmunai Pattu, exclusive of Local Board ...	222	47	—	—	—	—	—	—	—	—	—	—	—	
Bintenna ...	677½	2,497	38	32	26.6	28.5	48.8	60.4	34.7	31.7	37.1	50.8	158	
Chammanturai and Nadukadu	420½	1,160	11	9	39.4	31.6	50.0	37.6	43.2	17.5	13.9	30.8	273	
Eravur—Rukam—Koralai	562½	311	1	—	—	—	—	—	—	—	—	—	—	
Eruvil—Porativu—Karawaku	277	86	1	2	—	—	—	—	—	—	—	—	—	
Nintavur—Akkarai Pattu	124½	1,130	2	6	19.3	17.8	32.2	7.0	19.6	17.8	3.5	21.1	—	
Panama Pattu ...	486½	997	9	10	30.9	60.8	28.1	35.8	21.6	12.2	36.1	39.8	—	
<b>NORTH-WESTERN</b>	2,997	278,329	3,280	1,950	34.6	52.5	47.3	46.8	33.7	25.6	26.3	27.8	172	
<i>Kurunegala</i> ...	1,845	211,397	2,583	1,670	36.2	58.2	48.7	48.5	37.1	27.8	28.9	31.3	193	
Kurunegala Local Board	1½	1,625	21	49	35.9	44.4	75.2	51.3	101.6	102.3	143.1	120.0	333	
Dambadeni Hatpattu	164½	37,479	461	257	38.2	60.5	46.7	48.8	38.0	23.2	26.9	27.2	176	
Dewamedi do.	186½	30,681	353	196	38.3	66.1	52.4	45.6	40.6	29.6	31.7	25.3	224	
Hiriyala do.	387½	28,024	324	279	42.6	75.0	60.1	45.9	37.1	25.7	24.7	39.5	309	
Katugampola do.	358½	44,203	480	202	24.3	36.6	33.6	43.1	28.0	20.4	19.4	18.1	54	
Wanni do.	569½	33,785	476	262	38.0	50.2	57.1	55.9	38.6	36.6	34.1	30.8	160	
Weudawili do.	177	35,600	468	425	40.9	71.4	48.5	52.2	39.8	30.2	33.7	47.4	276	
<i>Puttalam</i> ...	890	9,432	99	70	37.7	54.4	53.0	41.6	38.4	39.1	33.3	29.4	172	
Puttalam Local Board	—	726	5	13	25.1	10.7	38.5	27.4	58.6	53.5	60.4	71.2	400	
Demala Hatpattu	441½	5,913	76	47	48.9	69.5	70.4	51.0	43.6	42.2	41.7	31.5	171	
Kalpitiya Division	315	360	5	4	24.9	—	—	—	—	—	—	—	—	
Puttalam Division	133	2,433	13	6	19.3	37.8	11.5	21.2	19.9	21.4	6.6	9.7	200	
<i>Chilaw</i> ...	262	57,500	598	210	27.9	31.3	41.4	41.3	19.7	15.2	15.4	14.5	76	
Chilaw Town ...	—	2,245	12	12	25.5	26.8	26.8	21.2	17.4	12.5	23.2	21.2	85	
Pitigal Korale North	132½	5,945	75	20	28.9	37.1	33.8	50.1	30.6	28.3	23.0	13.3	—	
Pitigal Korale South	128½	49,310	511	178	28.0	30.8	42.7	41.1	18.5	13.7	14.2	14.3	120	
<b>NORTH-CENTRAL</b>	4,002	60,404	733	474	42.9	48.6	41.9	48.1	32.9	33.4	33.6	31.1	183	
<i>Anuradhapura</i> ...	4,002	60,404	733	474	42.9	48.6	41.9	48.1	32.9	33.4	33.6	31.1	183	
Anuradhapura Town	5½	768	9	8	29.3	51.5	15.6	46.5	51.4	56.6	26.0	41.3	445	
Nuwaragam Palata	1,490½	25,097	329	217	44.6	46.9	41.6	52.0	32.9	32.0	32.4	24.3	194	
Hurulu Palata ...	1,040	19,313	212	150	44.5	46.2	44.7	43.5	33.5	36.0	38.1	30.8	189	
Kelegam Palata ...	311	13,523	168	77	38.0	55.1	32.4	49.3	31.1	32.9	25.8	22.6	101	
Tamankaduwa Palata	1,155	1,703	15	22	45.8	47.7	99.7	34.9	32.3	16.7	66.5	51.3	600	
<i>Uva</i> ...	3,155	121,954	1,411	1,304	44.9	54.3	51.9	45.9	37.2	37.8	33.3	42.4	212	
<i>Badulla</i> ...	3,155	121,954	1,411	1,304	44.9	54.3	51.9	45.9	37.2	37.8	33.3	42.4	212	
Badulla Local Board	3	3,083	43	38	42.2	53.6	49.7	55.3	49.0	48.4	26.2	48.9	186	
Yatikinda Division	183½	20,723	284	233	49.9	58.2	50.7	54.4	36.4	40.9	36.3	44.6	208	
Bintenna do.	359	8,907	89	120	42.7	48.2	47.0	39.6	44.4	33.2	29.0	53.4	270	
Buttala do.	567½	14,570	171	195	45.8	64.0	54.8	46.6	46.1	54.1	36.0	53.1	263	
Wellawaya do.	1,019½	7,222	75	71	40.2	57.9	40.1	41.2	40.8	38.4	32.8	39.0	387	
Udukinda do.	188½	29,609	333	226	42.9	46.3	50.9	44.6	27.8	26.3	31.3	30.3	123	
Wellassa do.	645½	21,103	243	245	46.1	56.4	61.2	45.7	42.2	48.8	35.0	46.1	230	
Wiyaluwa do.	188	16,737	173	176	44.1	56.0	49.3	41.0	32.0	28.0	32.7	41.7	214	
<b>SABARAGAMUWA</b>	1,901	230,754	2,360	1,510	32.9	52.2	51.8	40.6	29.6	23.8	24.1	26.0	152	
<i>Ratnapura</i> ...	1,259	102,220	1,073	816	33.8	46.1	52.9	41.6	30.8	28.9	27.5	31.7	189	
Ratnapura Local Board	2½	2,822	20	29	30.0	26.7	41.3	28.1	30.6	19.7	38.4	40.8	300	
Kuruwiti Korale ...	211	24,170	219	185	31.9	43.5	50.4	35.9	28.1	26.3	27.2	30.4	210	
Nawadun do. ...	193	22,799	216	175	30.7	43.7	56.3	37.6	31.2	27.9	28.3	30.5	199	
Atakalan do. ...	171½	15,739	202	138	37.3	64.0	53.1	50.9	37.0	31.4	28.5	34.8	173	
Kadawata do. ...	130½	9,137	110	64	38.0	46.8	53.5	47.8	26.5	36.6	28.7	27.8	155	
Kolonna do. ...	169	9,278	82	53	24.7	31.6	45.7	35.1	27.2	25.1	20.8	22.7	110	
Kukulu do. ...	224½	6,706	90	82	32.0	25.8	54.1	53.2	32.5	26.4	34.9	48.5	200	
Meda do. ...	156½	11,569	134	90	45.4	59.5	58.8	46.0	33.1	35.0	22.7	30.9	202	
<i>Kegalla</i> ...	642	128,534	1,287	694	30.5	57.1	50.9	39.7	28.5	19.7	21.8	21.4	120	
Beligal Korale ...	162½	35,854	354	160	29.6	60.8	47.4	39.2	22.9	16.9	19.1	17.7	107	
Galboda do. ...	56	18,847	213	111	32.1	63.0	58.0	44.8	35.3	19.6	19.3	23.4	178	
Kinigoda do. ...	42	15,164	167	99	33.9	64.6	56.6	43.7	37.1	18.3	19.8	25.9	168	
Paranakuru do. ...	57	23,915	252	130	36.2	74.8	48.1	41.8	32.2	23.6	22.6	21.6	107	
Atulgum do. ...	125½	9,081	81	54	24.0	44.6	49.7	35.4	30.5	26.3	28.0	23.6	86	
Dehigampal do. ...	74	12,656	94	67	25.6	31.3	46.9	29.4	21.5	17.9	20.1	21.0	42	
Panawal do. ...	40	5,509	39	31	33.2	36.0	59.4	28.1	25.9	21.3	30.1	22.3	128	
Lower Bulatgama	84½	7,508	87	42	24.9	28.1	48.9	46.0	21.1	17.8	23.1	22.2	92	

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 Third Quarter of 1898.
					Average of Seven Third Quarters of 1891-97.	Third Quarter of 1897.	Second Quarter of 1898.	Third Quarter of 1898.	Average of Seven Third Quarters of 1891-97.	Third Quarter of 1897.	Second Quarter of 1898.	Third Quarter of 1898.	
<b>NORTHERN</b> ...	3363	324,243	3,266	1,916	30.3	28.5	36.9	40.0	19.5	18.9	23.6	23.4	151
<i>Jaffna</i> ...	819	297,119	3,024	1,662	30.1	27.3	37.2	40.4	17.9	17.0	22.3	22.2	146
<i>Jaffna Division</i> ...	18½	41,758	457	259	29.0	17.2	32.9	43.4	19.8	20.8	24.1	24.6	190
<i>Valikamam East</i> ...	40½	23,861	276	125	33.2	29.7	30.0	44.9	15.8	12.5	14.3	20.8	159
<i>Valikamam North</i> ...	36¾	45,231	441	219	32.6	28.5	31.4	38.7	15.3	14.7	18.4	19.2	129
<i>Valikamam West</i> ...	38½	47,529	444	202	31.5	23.5	36.0	37.1	14.9	13.3	20.2	16.9	135
<i>Vadamaradchi East</i> ...	34½	4,223	56	55	27.3	49.3	59.1	52.6	22.6	44.6	47.6	51.7	178
<i>Vadamaradchi West</i> ...	55	50,189	451	298	30.8	29.7	37.0	35.6	16.6	15.4	17.9	23.6	131
<i>Tenmaradchi</i> ...	80	37,271	399	228	21.7	31.7	40.5	42.5	20.1	22.0	28.0	24.3	118
<i>Pachchilaippalli</i> ...	87	5,651	32	31	26.2	23.2	37.6	22.5	24.6	14.8	44.6	21.8	125
<i>Karaichehi</i> ...	123¾	1,683	9	16	8.5	—	—	—	21.2	9.9	—	—	37.7
<i>Punakari</i> ...	226¾	4,788	45	34	45.5	55.5	48.8	37.3	38.8	16.0	32.8	28.2	111
<i>Islands</i> ...	78	34,935	420	195	34.8	27.7	48.7	47.7	17.2	17.2	24.3	22.1	164
<i>Mannar</i> ...	546	15,041	125	144	30.2	30.0	32.7	33.0	32.3	37.7	40.5	38.0	184
<i>Mannar Islands Division</i> ...	47¾	5,641	48	47	36.6	55.3	34.0	33.8	35.9	54.6	48.2	33.1	187
<i>Mantai Division</i> ...	247	4,999	35	28	26.6	30.1	35.3	33.9	34.7	34.0	27.5	27.1	143
<i>Nanaddan Division</i> ...	251	5,301	42	69	26.0	28.4	29.4	31.4	26.8	22.4	42.2	51.6	214
<i>Mullaitivu</i> ...	936	6,490	62	51	36.2	43.2	45.7	37.9	39.2	37.1	48.2	31.2	226
<i>Karikkaddumulai</i> ...	350	4,223	43	30	35.1	51.4	47.4	40.4	38.5	39.3	56.8	28.2	163
<i>Mulliyawalai</i> ...	139½	1,667	15	19	43.3	33.2	43.4	35.7	41.9	35.6	33.8	45.2	400
<i>Tunukkai</i> ...	446½	600	4	2	—	—	—	—	—	—	—	—	—
<i>Vavuniya</i> ...	1062	5,593	55	59	34.9	43.0	26.6	39.0	41.0	46.5	23.7	41.9	236
<i>Kilakkumulai</i> ...	286½	2,745	27	19	27.2	36.0	11.7	39.0	30.7	27.4	10.2	27.5	370
<i>Chinnacheddikulam</i> ...	158½	753	6	13	48.4	47.3	64.1	31.6	68.0	73.6	53.4	68.5	333
<i>Melpattu</i> ...	220	1,515	15	20	41.2	52.0	37.1	39.3	46.5	65.0	29.2	52.4	467
<i>Panankamam</i> ...	397½	580	7	7	—	—	—	—	—	—	—	—	—
<b>EASTERN</b> ...	4037	94,025	1175	622	40.4	42.1	55.2	49.6	27.0	27.8	28.0	26.2	176
<i>Batticaloa</i> ...	2872	77,172	986	454	41.6	43.4	60.5	50.6	26.4	27.4	26.3	23.3	157
<i>Batticaloa Local Board</i> ...	1¼	6,133	74	46	33.2	44.3	38.1	47.9	22.2	38.4	24.3	29.8	189
<i>Manmunai pattu, exclusive Local Board</i> ...	222	22,847	286	146	42.5	41.4	66.8	49.7	28.9	23.4	29.1	25.4	129
<i>Bintenna</i> ...	677½	488	1	5	—	—	—	—	—	—	—	—	—
<i>Chammanturai—Nadukadu</i> ...	420½	3,946	47	24	32.3	44.9	44.0	47.3	21.7	36.7	16.4	24.1	149
<i>Eravur—Rukam—and Koralai</i> ...	662½	13,199	170	82	40.0	40.0	57.7	51.1	22.4	28.0	35.4	24.6	229
<i>Eruvil—Porativu—and Karavaku</i> ...	277	24,414	354	121	43.6	48.5	67.3	57.5	26.1	28.9	20.9	19.5	138
<i>Nintavur—Akkarai Pattu</i> ...	124½	5,581	47	31	51.2	38.5	48.4	33.4	36.2	16.7	26.0	22.0	191
<i>Panama Pattu</i> ...	486½	564	6	—	—	—	—	—	—	—	—	—	—
<i>Trincomalee</i> ...	1165	16,853	190	168	36.0	41.2	31.1	44.7	29.8	33.0	35.9	39.6	274
<i>Trincomalee Town</i> ...	1	8,743	95	102	32.5	22.9	23.8	43.1	32.3	38.6	27.5	46.3	326
<i>Kaddukkulam Pattu</i> ...	490½	25,021	22	31	38.5	47.3	57.3	34.9	42.6	34.7	89.1	44.2	500
<i>Koddiyar Pattu</i> ...	223	3,926	50	19	43.0	77.0	34.9	50.5	20.9	12.5	15.4	19.2	160
<i>Tampalakamam Pattu</i> ...	450½	1,882	23	16	34.8	47.0	21.3	54.3	29.2	47.2	47.4	37.7	87
<b>NORTH-WESTERN</b> ...	2997	17,428	120	292	18.9	21.8	31.0	27.3	35.1	25.0	34.9	66.5	383
<i>Puttalam</i> ...	890	5,542	48	79	25.6	30.6	44.9	34.4	50.6	39.9	43.4	56.5	354
<i>Puttalam Local Board</i> ...	—	1,001	8	20	18.3	19.2	51.9	31.7	52.5	38.3	63.9	79.3	500
<i>Demala Hatpattu</i> ...	441½	—	3	2	—	—	—	—	—	—	—	—	—
<i>Kalpitiya Division</i> ...	315	1,513	28	50	32.7	36.7	88.0	73.4	61.7	52.4	77.4	131.1	393
<i>Puttalam Division</i> ...	133	2,841	9	7	26.0	33.6	21.2	12.6	41.5	36.4	18.4	9.7	111



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 1000 Births in the Third Quarter of 1898.		
					Average of Seven Third Quarters of 1891-97.	Third Quarter of 1897.	Second Quarter of 1898.	Third Quarter of 1898.	Average of Seven Third Quarters of 1891-97.	Third Quarter of 1897.		Second Quarter of 1898.	Third Quarter of 1898.
<b>EASTERN</b> ...	4037	59,082	789	334	49.1	63.6	51.8	53.0	25.3	26.7	22.0	22.4	172
<i>Batticaloa</i> ...	2872	51,895	669	276	50.8	60.0	52.1	51.1	26.5	24.8	20.8	21.1	164
Batticaloa Local Board	1 $\frac{1}{4}$	316	6	3	—	—	—	—	—	—	—	—	—
Manmunai Pattu, exclusive of Local Board ...	222	11,106	145	71	60.2	88.0	54.2	51.8	35.7	28.6	22.2	25.4	241
Bintenna ...	677 $\frac{1}{2}$	251	1	1	—	—	—	—	—	—	—	—	—
Chammanturai—Nadukadu ...	420 $\frac{1}{2}$	5,539	81	36	46.7	58.7	44.5	58.0	29.5	30.8	17.5	25.8	173
Eravur—Rukam—and Koralai ...	662 $\frac{1}{2}$	8,853	92	32	43.4	37.2	56.7	41.2	16.4	18.4	21.0	14.3	163
Eravil—Porativu—and Karavaku ...	277	12,814	178	86	49.5	50.2	49.5	55.1	26.1	28.6	20.5	24.8	169
Nintavur—Akkarai Pattu ...	124 $\frac{1}{2}$	11,449	150	47	52.8	64.8	55.5	52.0	25.0	21.1	22.6	16.3	73
Panama Pattu ...	486 $\frac{1}{2}$	1,567	16	6	55.8	65.3	49.1	40.5	30.2	15.7	12.9	15.2	62
<b>NORTH-WESTERN</b> ...	2997	22,241	199	210	29.5	29.9	50.6	35.5	26.6	18.9	31.2	37.5	216
<i>Puttalam</i> ...	890	9,693	89	94	32.6	33.2	46.4	36.4	24.7	30.7	40.8	38.5	191
Puttalam Local Board	1 $\frac{1}{2}$	2,655	16	22	43.5	31.2	42.4	23.9	26.3	28.2	36.3	32.9	312
Demala Hatpattu ...	441 $\frac{1}{4}$	449	1	3	—	—	—	—	—	—	—	—	—
Kalpitiya Division ...	315	4,454	71	68	33.3	31.3	70.3	63.2	30.4	30.4	64.9	60.7	155
Puttalam Division ...	133	2,135	1	1	20.1	39.0	1.8	1.8	14.4	37.2	3.7	1.8	—



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

Province and District.	Total Marriages.	Contracted between										Persons not 21 Years of Age.		Highest Male Age.			Lowest Male Age.			Highest 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 Widowers.	Divorced Men and Divorced Women.	Males.	Females.	Highest Male Age.	Mean Male Age.	Lowest Male Age.	Highest Female Age.	Mean Female Age.	Lowest Female Age.	Males.	Females.							
CEYLON ...	2639	2116	86	229	79	69	12	29	5	14	317	1706	65	26.4	15	60	19.6	13	943	2488							
Central ...	640	543	15	48	8	9	10	4	—	3	63	395	60	26.3	18	50	20.2	14	228	572							
Southern ...	4	4	—	—	—	—	—	—	—	—	—	4	29	28.0	26	19	18.0	16	—	2							
Eastern ...	19	18	—	—	1	—	—	—	—	—	13	53	30.5	23	45	22.1	16	3	19								
North-Western ...	793	558	34	103	49	36	—	3	3	7	59	455	65	25.8	15	52	18.4	14	216	740							
North-Central ...	144	107	13	16	6	2	1	—	—	—	5	65	63	30.9	19	40	22.8	16	41	144							
Uva ...	175	148	5	15	4	2	—	1	—	—	22	119	60	28.2	16	45	20.7	13	82	173							
Sabaragamuwa ...	864	738	19	47	11	21	—	21	2	4	168	655	60	25.9	17	60	19.5	13	373	838							
Central. Kandy ...	499	430	12	38	2	4	10	—	—	3	52	301	60	26.1	18	50	20.1	14	182	434							
Matale ...	86	70	2	6	4	2	—	2	—	—	6	57	58	26.8	18	45	21.0	14	21	83							
Nuwara Eliya ...	55	43	1	4	2	3	—	2	—	—	5	37	59	26.9	20	35	19.9	15	25	55							
Southern. Galle ...	4	4	—	—	—	—	—	—	—	—	—	4	29	28.0	26	19	18.0	16	—	2							
Eastern. Batticaloa ...	19	18	—	—	1	—	—	—	—	—	—	13	53	30.5	23	45	22.1	16	3	19							
Trincomalee ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
North-Western. Kurunegala ...	762	540	32	96	45	36	—	3	3	7	57	439	65	25.5	15	52	18.2	14	203	709							
Puttalam ...	31	18	2	7	4	—	—	—	—	—	2	16	58	31.8	20	36	23.5	18	13	31							
North-Central. Anuradhapura ...	144	107	13	16	6	1	1	—	—	—	5	65	63	30.9	19	40	22.8	16	41	144							
Uva. Badulla ...	175	148	5	15	4	2	—	1	—	—	22	119	60	28.2	16	45	20.7	13	82	173							
Sabaragamuwa. Ratnapura ...	233	181	8	17	9	8	—	9	—	1	51	169	60	26.4	17	60	19.6	13	125	228							
Kegalla ...	631	557	11	30	2	13	1	12	2	3	117	486	55	25.8	18	41	19.5	13	248	610							

Table VIII.—Return of Births of each Nationality and Sex in each Province and District in the Island registered during the Third 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 ...	29,868	15,393	14,475	32	10	22	150	78	72	20,698	10,657	10,041	6,944	3,600	3,344	1,962	1,006	956	58	30	28	24	12	12
Western ...	6,367	3,294	3,073	13	2	11	95	44	51	5,672	2,933	2,739	231	128	103	325	171	154	22	11	11	9	5	4
Central ...	4,649	2,377	2,272	14	5	9	13	7	6	2,849	1,462	1,387	1,498	765	733	255	129	126	12	4	8	8	5	3
Northern ...	3,418	1,769	1,649	—	—	—	9	5	4	18	10	8	3,266	1,701	1,565	125	53	72	—	—	—	—	—	—
Southern ...	4,433	2,333	2,100	1	1	—	14	8	6	4,299	2,264	2,035	24	11	13	88	46	42	7	3	4	—	—	
Eastern ...	2,066	1,080	986	2	1	1	13	8	5	76	37	39	1,175	607	568	789	421	368	11	6	5	—	—	
North-Western ...	3,605	1,817	1,788	—	—	—	1	1	—	3,280	1,656	1,624	120	59	61	199	96	103	5	5	—	—	—	
North-Central ...	862	437	425	—	—	—	1	1	—	733	376	357	58	26	32	69	33	36	—	—	—	1	1	
Uva ...	1,725	888	837	—	—	—	2	2	—	1,411	725	686	245	130	115	60	29	31	1	1	—	6	1	
Sabaragamuwa ...	2,743	1,398	1,345	2	1	1	2	2	—	2,360	1,194	1,166	327	173	154	52	28	24	—	—	—	—	—	5
Western. Colombo ...	3,597	1,843	1,754	12	2	10	91	42	49	3,157	1,619	1,538	113	56	57	195	109	86	21	11	10	8	4	4
Negombo ...	1,175	622	553	1	—	1	2	1	1	1,067	565	502	80	45	35	24	11	13	1	—	1	—	—	—
Kalutara ...	1,595	829	766	—	—	—	2	1	1	1,448	749	699	38	27	11	106	51	55	—	—	—	1	1	—
Central. Kandy ...	2,802	1,413	1,389	11	5	6	9	5	4	1,769	891	878	807	412	395	195	95	100	4	1	3	7	4	3
Matale ...	808	416	392	—	—	—	1	1	—	598	305	293	154	81	73	48	27	21	7	2	5	—	—	—
Nuwara Eliya ...	1,039	548	491	3	—	3	3	1	2	482	266	216	537	272	265	12	7	5	1	1	—	1	1	—
Northern. Jaffna ...	3,059	1,586	1,473	—	—	—	6	3	3	—	—	—	3,024	1,572	1,452	29	11	18	—	—	—	—	—	—
Mannar ...	208	105	103	—	—	—	1	—	1	—	—	—	125	68	57	82	37	45	—	—	—	—	—	—
Mullaittivu ...	70	38	32	—	—	—	2	2	—	—	—	—	62	34	28	6	2	4	—	—	—	—	—	—
Vavuniya ...	81	40	41	—	—	—	—	—	—	18	10	8	55	27	28	8	3	5	—	—	—	—	—	—
Southern. Galle ...	1,990	1,053	987	1	1	—	10	5	6	1,920	1,017	903	9	3	6	50	27	23	—	—	—	—	—	—
Matara ...	1,515	788	727	—	—	—	4	3	1	1,468	765	703	14	7	7	29	13	16	—	—	—	—	—	—
Hambantota ...	928	492	436	—	—	—	—	—	—	911	482	429	1	1	—	9	6	3	7	3	4	—	—	—
Eastern. Batticaloa ...	1,730	918	812	—	—	—	12	8	4	64	30	34	985	515	470	669	365	304	—	—	—	—	—	—
Trincomalee ...	336	162	174	2	1	1	1	—	1	12	7	5	190	92	98	120	58	64	11	6	6	—	—	—



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

Province and District.	JULY.							AUGUST.							SEPTEMBER.									
	TOTAL.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.	TOTAL.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.	TOTAL.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.
<b>CEYLON</b> ...	7,188	1034	4515	2154	436	20	19	7322	837	4324	2445	475	21	12	7029	737	4226	2282	438	25	14			
Western	1,448	622	1104	182	111	11	12	1378	427	1073	147	114	7	6	1230	422	935	165	85	13	6			
Central	1,498	32	738	678	65	6	6	1555	14	648	831	60	7	4	1568	36	683	807	60	6	3			
Northern	617	2	9	586	20			715	1	6	688	19		1	683	2	4	642	34		1			
Southern	929	5	861	38	22	2	1	885	1	1	819	24	37	3	929	1	873	26	27	1	1			
Eastern	347	3	34	199	111			352	2	1	17	218	111	3	349	4	23	205	112	4	1			
North-Western	792		646	80	66			847	2	2	671	103	70	1	818	1	633	109	74		1			
North-Central	188		157	15	16			212			177	24	11		181		140	27	14					
Uva	510	1	410	87	11	1		615	1	1	445	137	31	1	574		449	106	18	1				
Sabaragamuwa	859		556	289	14			763			468	273	22		697	1	486	195	14					
Western.																								
Colombo	875	522	622	121	82	11	12	819	426	603	96	77	7	6	720	422	519	107	50	12	6			
Negombo	183	1	160	19	3			179	1	159	15	4			185		168	12	5					
Kalutara	390		322	42	26			380		311	36	33			325		248	46	30	1				
Central.																								
Kandy	851	12	417	381	41	4	5	909	13	375	488	35	4	3	832	15	364	409	45	5	3			
Matale	304	1	235	46	19	2	1	345		180	144	19	2		299	1	191	94	12	1				
Nuwara Eliya	343	1	86	251	5			301	1	93	199	6	1	1	437	2	128	304	3					
Northern.																								
Jaffna	474	2	468	4				613			609	4			592	1	1	585	4		1			
Mannar	91		3	73	15			58		2	44	12			54			27	27					
Mullaittivu	26		25	1				18	1		15	2			12			11	1					
Vavuniya	26		6	20				26		4	20	1	1		25	1	3	19	2					
Southern.																								
Galle	458	5	430	11	12			443	1	409	6	27			436		402	16	16	1	1			
Matara	310		280	23	7			299	1	276	17	5			321	1	301	9	10					
Hambantota	161		151	4	3	2	1	143		134	1	5	3		172		170	1	1					
Eastern.																								
Batticaloa	264	3	31	134	96			258	1	15	160	82			280	4	17	160	98	1				
Trincomalee	83		3	65	15			94	2	2	58	29	3		69		6	45	14	3	1			
North-Western.																								
Kurunegala	648		564	50	34			664	1	573	54	36			640		533	70	37					
Puttalam	66		16	21	29			104	1	32	36	34	1		76		22	22	31		1			
Chilaw	78		66	9	3			79		66	13				102	1	78	17	6					
North-Central.																								
Anuradhapura	188		157	15	16			212		177	24	11			181		140	27	14					
Uva.																								
Badulla	510	1	410	87	11	1		615	1	445	137	31	1		574		449	106	18	1				
Sabaragamuwa.																								
Ratnapura	460		295	162	3			315		239	73	3			371		282	84	4		1			
Kegalla	399		261	127	11			448		229	200	19			326	1	204	111	10					



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

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 Eriya.	Jaffna.	Mannar.	Mullaitivu.	Vavuniya.	Galle.	Matara.	Hambantota.	Batticaloa.	Trincomalee.	Kurunegala.	Puttalam.	Chilaw.	Anuradhapura.	Badulla.	Ratnapura.	Kegalla.	Europeans.	Burghers.	Sinhalese.	Tamils.	Immigrants.	Moors.	Malays.	Others.		
ALL CAUSES ...	21539	2414	547	1095	2592	948	1081	1679	209	56	77	1337	930	476	802	246	1952	246	259	581	1699	1146	1173	24	109	13065	6881	—	1349	66	45		
I. Specific, Febrile, or Zymotic diseases	10456	927	232	455	1279	551	552	893	127	33	37	567	516	310	415	124	799	120	73	283	995	650	518	6	28	6049	3758	—	576	21	18		
II. Parasitic diseases	841	137	45	50	136	74	25	1	1	—	—	45	15	1	—	1	133	4	25	11	5	44	88	—	4	680	104	—	49	3	1		
III. Dietetic diseases	107	3	—	—	40	5	2	—	1	1	1	—	—	—	12	5	2	—	—	—	7	3	23	—	—	20	79	—	8	—	—		
IV. Constitutional diseases	1535	324	59	159	106	27	23	105	4	4	2	208	89	32	14	9	109	12	13	28	56	76	76	2	20	1163	262	—	81	6	1		
V. Developmental diseases	543	130	15	39	52	18	33	27	1	1	1	56	34	5	3	3	5	—	4	1	80	15	20	—	5	317	159	—	53	9	—		
VI. Local diseases	6056	721	162	292	576	217	222	557	53	14	17	399	241	82	266	77	778	83	124	191	434	224	326	14	46	3918	1575	—	464	19	20		
VII. Violence	433	42	15	48	56	8	14	21	1	—	—	35	17	15	19	8	20	5	8	3	29	34	35	2	1	311	103	—	14	—	2		
VIII. Ill-defined and not specified causes	1568	130	19	52	347	48	210	75	15	3	19	26	18	30	85	12	103	20	12	64	93	100	87	—	5	607	841	—	104	8	3		
I.																																	
1 Miasmatic diseases	4482	428	153	200	278	316	70	613	41	25	27	215	183	213	231	65	464	79	37	154	383	189	118	3	12	2933	1207	—	311	9	7		
2 Diarrhoeal do.	5390	388	60	230	950	196	466	209	72	7	8	322	323	92	175	52	298	34	32	122	582	420	352	1	7	2960	2191	—	214	6	11		
3 Malarial do.	433	92	16	19	40	38	8	23	2	1	1	27	9	1	4	2	30	6	3	7	27	33	44	—	6	116	270	—	37	4	—		
4 Zoogenous do.	11	2	—	4	—	—	—	—	—	—	—	—	—	—	—	2	—	—	1	—	—	—	—	—	1	8	1	—	—	—	—		
5 Venereal do.	21	2	—	—	4	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	8	1	—	—	—	—		
6 Septic do.	119	15	3	2	7	1	4	48	12	—	1	2	1	3	3	5	5	1	—	—	1	5	3	1	—	9	11	—	—	—	—		
II.																																	
Parasitic diseases	841	137	45	50	136	74	25	1	1	—	—	45	15	1	—	1	133	4	25	11	5	44	88	—	4	680	104	—	49	3	1		
III.																																	
Dietetic diseases	107	3	—	—	40	5	2	—	1	1	1	—	—	—	12	5	2	—	—	—	7	3	23	—	—	20	79	—	8	—	—		
IV.																																	
Constitutional diseases	1535	324	59	159	106	27	23	105	4	4	2	208	89	32	14	9	109	12	13	28	56	76	76	2	20	1163	262	—	81	6	1		
V.																																	
Developmental diseases	543	130	15	39	52	18	33	27	1	1	1	56	34	5	3	3	5	—	4	1	80	15	20	—	5	317	159	—	53	9	—		
VI.																																	
Diseases of—																																	
1 Nervous system	2290	351	61	216	115	43	38	233	14	2	3	292	185	41	39	30	156	31	30	23	209	90	88	7	20	1559	546	—	143	6	9		
2 Organs of special sense	10	—	—	2	—	—	1	—	—	—	—	1	—	—	—	—	1	—	—	—	1	—	1	—	—	6	4	—	—	—	—		
3 Circulatory system	83	26	3	7	8	1	2	—	—	—	—	12	5	—	—	—	3	—	1	3	6	3	1	2	1	61	13	—	6	—	—		
4 Respiratory do.	1340	143	17	20	172	58	123	100	21	7	12	17	5	5	73	23	192	30	33	63	142	19	65	1	16	699	498	—	110	8	8		
5 Digestive do.	334	55	10	5	49	12	22	29	2	3	1	32	11	13	11	3	12	4	9	3	19	10	19	4	5	200	107	—	16	1	1		
6 Lymphatic system and Ductless Glands	18	—	—	—	2	—	—	2	2	—	—	—	—	—	9	—	—	—	—	—	—	1	1	—	—	3	8	—	7	—	—		
7 Urinary system	60	19	2	1	8	1	1	1	—	—	—	7	6	2	—	—	3	1	—	1	—	1	6	—	—	42	12	—	5	—	1		
8 Reproductive system:																																	
(a) Organs of Generation	27	3	2	—	2	1	1	1	—	—	—	2	1	1	1	—	2	1	2	1	2	2	2	—	—	18	7	—	1	—	1		
(b) Parturition	462	31	12	14	59	19	17	3	1	—	—	21	14	10	2	4	96	6	24	25	38	30	36	—	—	358	72	—	30	2	—		

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.	SABARAGAMUWA 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.	Immigrants.	Moors.	Malays.	Others.	
9 Organs of Loco. ...	4	2	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—	2	1	—	1	—	—	
10 Integ. system ...	1428	91	55	27	159	82	17	186	13	2	1	15	12	10	131	17	313	8	25	72	17	68	107	—	4	970	307	—	145	—	—	
VII.																																
1 Accidental or Negligence	350	31	8	37	41	7	9	18	1	—	—	30	16	14	15	8	16	4	7	2	26	32	28	2	—	250	84	—	13	—	1	
2 Homicide ...	30	5	6	4	2	—	—	—	—	—	—	—	1	—	2	—	1	—	—	—	1	1	4	—	—	22	8	—	—	—	—	
3 Suicide ...	45	5	1	7	7	1	5	3	—	—	—	4	—	—	—	3	—	—	—	—	2	1	3	—	1	32	11	—	—	—	—	
4 Execution ...	8	1	—	—	6	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	7	—	—	—	—	—	
VIII.																																
Ill-defined and not specified causes ...	1668	130	19	52	347	48	210	75	15	3	19	26	18	30	85	12	103	20	12	64	93	100	87	—	5	607	841	—	104	8	3	
<i>Miasmatic Diseases.</i>																																
Smallpox ...	3	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	2	—	—	—	—	—
Chickenpox ...	9	—	—	1	4	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	—	—	4	5	—	—	—	—	—
Measles ...	46	8	—	3	4	2	4	17	—	—	—	1	—	—	2	—	—	—	—	—	—	—	1	—	—	17	25	—	3	—	—	
Whooping Cough ...	6	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	—	—	—	—	
Cerebro spinal fever ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	—	—	—	—	—
Simple & ill-defined fever	3078	228	87	71	189	207	37	592	41	25	27	93	11	160	225	65	411	72	23	142	181	92	99	—	4	1705	1107	—	253	7	2	
Enteric Fever ...	1288	184	62	121	73	105	15	2	—	—	—	110	171	52	2	—	52	7	14	8	200	94	16	2	6	1176	47	—	53	—	—	
Influenza ...	50	4	4	4	7	1	14	1	—	—	—	10	1	—	—	—	—	—	—	—	2	1	—	—	1	29	19	—	—	—	—	
Bubonic Plague ...	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diarrhœal Diseases.</i>																																
Cholera ...	130	9	—	—	1	6	—	47	41	—	2	1	—	—	—	10	—	—	—	13	—	—	—	—	—	6	117	—	6	1	—	—
Diarrhœa ...	3692	251	37	191	583	148	214	84	22	2	3	297	278	78	104	36	251	19	23	95	382	323	271	—	2	2470	1068	—	143	3	6	
Dysentery ...	1568	128	23	39	366	42	252	78	9	5	3	24	45	14	71	16	37	15	9	14	200	97	81	1	5	484	1006	—	65	2	5	
<i>Malarial Diseases.</i>																																
Remittent Fever ...	129	68	5	2	3	4	2	11	1	—	—	2	7	1	2	1	4	2	2	2	3	1	5	—	4	49	55	—	19	2	—	
Ague ...	25	—	—	—	2	5	2	—	—	—	—	4	1	—	1	—	—	—	—	—	7	—	—	—	—	14	9	—	2	—	—	
Malarial Cachexia ...	279	24	11	17	35	29	4	12	1	—	—	21	1	—	1	1	26	4	1	5	17	32	37	—	2	53	206	—	16	2	—	
<i>Zoogenous Diseases.</i>																																
Hydrophobia ...	10	1	—	4	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	8	1	—	—	—	—	
Cowpox and other effects of vaccination	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Veneral Diseases.</i>																																
Syphilis ...	18	1	—	—	4	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gonorrhœa, Stricture of Urethra ...	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	4	2	1	—	7	10	—	—	—	—	—

<i>Septic Diseases.</i>																										
Phagedæna ...	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	27	4	—	1	—	—	—	16	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Pyæmia, Septicæmia... ..	18	4	—	1	4	—	2	2	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever ...	73	7	3	—	3	—	2	30	12	—	—	1	1	1	2	2	5	1	—	—	—	—	—	—	—	—
<i>Parasitic Diseases.</i>																										
Thrush ...	204	14	11	1	46	5	15	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Worms (animal) ...	575	118	34	47	67	57	7	—	1	—	—	—	44	11	1	—	1	94	3	11	9	—	—	—	—	—
Dochmius Duodenalis ...	62	5	—	2	23	12	3	—	—	—	—	—	—	4	—	—	—	2	—	—	—	—	—	—	—	—
<i>Dietetic Diseases.</i>																										
Starvation, Want of ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Breast Milk	103	2	—	—	38	5	2	—	1	1	1	1	—	1	—	12	5	2	—	—	—	—	—	—	—	—
Insep. { Chronic Alcoholism	4	1	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
{ Delirium Tremens	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Constitutional Diseases.</i>																										
Rheumatism ...	144	21	3	11	17	2	2	3	—	1	—	24	—	4	2	1	20	4	1	6	—	—	—	—	—	—
Rickets ...	5	—	—	—	—	—	—	—	—	—	—	1	—	3	—	—	—	—	—	—	—	—	—	—	—	—
Cancer ...	34	7	2	2	2	1	2	5	3	—	—	1	—	1	1	1	2	—	—	—	—	—	—	—	—	—
Tabes Mesenterica ...	9	7	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tubercular Meningitis (hydrocephalus) ...	9	1	—	—	3	—	—	—	—	1	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phthisis ...	729	167	30	65	58	10	15	72	—	1	—	92	41	11	3	3	43	4	6	11	17	40	40	2	11	530
Other forms of Tuberculosis, Scrofula ...	58	7	1	1	4	1	1	4	—	—	1	3	—	1	2	2	20	1	2	4	2	—	1	1	43	10
Purpura, Hemorrhagic Diathesis ...	2	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anæmia, Chlorosis, Leucocythæmia ...	466	83	23	79	21	12	3	6	—	—	—	81	44	11	1	—	16	1	4	7	32	22	20	—	—	389
Diabetes Mellitus ...	27	5	—	1	—	—	—	12	—	—	—	1	1	—	3	—	2	1	—	—	—	—	—	—	—	10
Leprosy ...	17	15	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1
Elephantiasis ...	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
Parangi ...	24	2	—	—	1	1	—	—	—	1	1	1	3	3	1	1	2	4	—	—	—	—	—	—	—	—
Other & undefined constitutional Diseases	10	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18
<i>Developmental Diseases</i>																										
Premature Birth ...	138	43	1	5	6	2	1	3	—	—	—	3	3	—	—	—	2	—	—	—	—	—	—	—	—	—
Atelectasis ...	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cyanosis ...	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Imperforate Anus ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Congenital Defects ...	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Old Age ...	397	82	14	34	46	16	31	23	1	1	1	53	31	5	3	3	3	—	—	—	—	—	—	—	—	—
<i>Nervous System.</i>																										
Inflammation of Brain or its Membranes ...	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Softening of Brain ...	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apoplexy ...	35	8	—	—	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paralysis ...	87	28	3	13	10	1	2	6	—	—	—	2	—	—	—	—	2	12	1	—	—	—	—	—	—	—
Epilepsy ...	26	6	2	1	4	1	1	1	—	—	—	13	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Convulsions ...	33	—	1	—	5	1	5	12	1	—	—	1	2	—	—	—	2	—	—	—	—	—	—	—	—	—
Infantile Convulsions... ..	1976	264	51	191	73	39	25	202	11	2	3	263	177	37	36	25	149	18	25	23	202	82	78	5	9	1391
Tetanus ...	71	25	1	2	15	—	2	11	—	—	—	2	1	2	—	2	2	—	—	—	—	—	—	—	—	—
Mania ...	12	1	—	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paraplegia, diseases of the Spinal Cord ...	1	—	—	—	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.	UVA PROV.	SABARA-GAMUWA PROV.		DEATHS AMONG ALL RACES.							
		Colombo.	Negombo.	Katutura.	Kandy.	Matale.	Nuwara Eliya.	Jaffna.	Mannar.	Mullaitivu.	Vavuniya.	Galle.	Matara.	Hambantota.	Batticaloa.	Trincomalee.	Kurunegala.	Puttalam.	Chilaw.	Anuradhapura.	Badulla.	Ratnapura.	Kegalla.	Europeans.	Burghers.	Sinhalese.	Tamils.	Immigrants.	Moors.	Malays.	Others.
Other and undefined diseases of Brain or Nervous System ...	43	13	3	7	2	—	3	1	1	—	—	9	1	1	—	—	—	—	—	1	1	—	—	—	—	35	6	—	2	—	—
<i>Organs of Special Sense.</i>																															
Conjunctivitis and other diseases of Eye ...	4	—	—	—	2	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	4	—	—	—	—	
Otitis and other diseases of Ear ...	2	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	—	—	2	—	—	—	—	—	
Epistaxis and other diseases of Nose ...	4	—	—	2	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—	—	4	—	—	—	—	—	
<i>Circulatory System.</i>																															
Valve disease of Heart	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	
Angina pectoris, Syncope ...	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	—	—	
Embolism, Thrombosis	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	
Varicose veins ...	56	13	2	5	4	1	1	—	—	—	12	4	—	—	—	3	—	1	3	4	2	1	—	—	50	4	—	2	—	—	
Other and undefined diseases of Heart or Circulatory System	22	11	1	2	3	—	1	1	—	—	—	1	—	—	—	—	—	—	—	1	1	—	1	1	10	6	—	4	—	—	
<i>Respiratory System.</i>																															
Laryngitis ...	5	4	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	—	—	1	
Croup ...	7	2	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	2	3	—	—	—	1	
Bronchitis ...	120	40	1	3	23	3	11	6	—	—	6	—	1	1	4	8	—	—	—	6	1	6	—	1	41	60	—	11	—	3	
Asthma ...	60	13	5	5	4	1	10	—	—	—	5	4	3	—	—	1	—	1	1	1	3	2	—	3	32	22	—	3	—	2	
Pneumonia ...	486	76	5	10	73	13	51	79	16	7	8	5	1	1	36	18	12	12	4	2	36	9	12	1	10	89	344	—	35	1	
Pleurisy ...	9	3	—	—	1	—	—	—	—	—	—	—	—	—	1	—	1	—	—	2	1	—	—	—	5	4	—	—	—		
Other and undefined diseases of Respiratory System	653	5	5	1	70	41	59	5	5	—	4	1	—	—	36	—	170	17	28	60	96	5	45	1	528	63	—	61	—	—	
<i>Digestive System.</i>																															
Stomatitis ...	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	
Dentition ...	7	3	—	—	1	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	3	—	—	—	
Quinsy ...	2	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sore Throat ...	10	1	—	—	1	—	—	2	1	2	—	1	—	—	—	—	—	—	—	1	—	—	—	—	—	1	7	—	—	—	
Dyspepsia ...	15	—	—	—	3	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	13	—	1	—	
Hæmatemesis ...	28	2	—	—	6	3	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	
Melæna ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26	1	—	—	—	
Diseases of Stomach ...	32	4	1	—	3	1	—	—	—	—	1	1	2	2	—	4	—	—	—	5	1	5	—	1	28	1	—	—	—	—	
Enteritis ...	8	1	—	—	2	—	—	—	—	—	2	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	
Ulceration of Intestines	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ileus, Obstruction of Intestine ...	21	5	—	—	7	—	6	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	







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 Third 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 ...	1044	192	749	263	248	406	61	107
I.—Specific, Febrile, or Zymotic diseases ...	546	119	388	149	164	228	38	53
II.—Parasitic diseases ...	27	10	6	1	5	5	1	4
III.—Dietetic diseases ...	16	3	2	2	3	23	—	—
IV.—Constitutional diseases ...	18	3	10	6	8	10	7	5
V.—Developmental diseases ...	33	11	27	8	3	10	—	2
VI.—Local diseases ...	176	27	118	47	26	66	3	15
VII.—Violence ...	15	—	8	5	4	5	—	—
VIII.—Ill-defined and not specified causes ...	213	19	190	45	35	59	7	28
I.								
Miasmatic diseases ...	54	49	28	18	27	21	6	8
Diarrhoeal do. ...	457	57	346	113	119	187	32	38
Malarial do. ...	29	13	7	17	14	36	—	6
Zoogenous do. ...	—	—	—	—	—	—	—	—
Venereal do. ...	2	—	3	—	2	3	—	—
Septic do. ...	4	—	4	1	2	1	—	1
II.								
Parasitic diseases ...	27	10	6	1	5	5	1	4
III.								
Dietetic diseases ...	16	3	2	2	3	23	—	—
IV.								
Constitutional diseases ...	18	3	10	6	8	10	7	5
V.								
Developmental diseases ...	33	11	27	8	3	10	—	2
VI.								
Diseases of—								
Nervous system ...	58	9	24	10	7	36	3	5
Organs of special sense ...	1	—	1	1	—	—	—	—
Circulatory system ...	4	—	1	—	1	—	—	1
Respiratory system ...	72	8	65	28	6	15	2	6
Digestive system ...	17	4	14	4	2	4	1	—
Lymphatic system and Ductless Glands ...	—	—	—	—	—	1	—	—
Urinary system ...	4	—	1	—	1	2	1	—
Reproductive system :								
(a) Organs of Generation ...	—	—	—	—	1	—	—	—
(b) Parturition ...	18	4	11	2	8	7	1	3
Integumentary system ...	2	2	1	2	—	1	—	—
VII.								
Accident or negligence ...	11	—	5	5	4	4	—	—
Homicide ...	1	—	—	—	—	1	—	—
Suicide ...	3	—	3	—	—	—	—	—
VIII.								
Ill-defined and not specified causes	213	19	190	45	35	59	7	28
<i>Miasmatic Diseases.</i>								
Smallpox ...	1	—	—	—	—	—	—	—
Chickenpox ...	4	1	—	—	—	—	—	—
Measles ...	3	—	4	—	—	1	—	—
Cerebro-spinal Fever ...	—	—	—	—	—	1	—	—
Simple and ill-defined Fever ...	40	47	15	16	26	18	6	7
Enteric Fever ...	1	1	—	—	1	1	—	—
Other Miasmatic diseases ...	5	—	9	2	—	—	—	1
<i>Diarrhoeal Diseases.</i>								
Cholera ...	1	—	—	—	—	—	—	—
Diarrhoea ...	200	42	125	54	58	96	17	19
Dysentery ...	256	15	221	59	61	71	15	19
<i>Malarial Diseases.</i>								
Remittent Fever ...	1	—	1	1	1	4	—	—
Ague ...	1	—	2	2	—	2	—	—
Malarial Cachexia ...	27	13	4	14	13	30	—	6

Table XI.—Causes of Deaths, &amp;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>Zoogenous Diseases.</i>								
Hydrophobia ...	—	—	—	—	—	—	—	—
<i>Venereal Diseases.</i>								
Syphilis ...	2	—	3	—	2	2	—	—
Gonorrhœa, Stricture of Urethra	—	—	—	—	—	1	—	—
<i>Septic Diseases.</i>								
Pyæmia, Septicæmia	2	—	2	—	2	—	—	1
Puerperal Fever	2	—	2	1	—	1	—	—
<i>Parasitic Diseases.</i>								
Worms (animal)	13	2	4	—	1	1	1	2
Dochmius Duodenalis (ancylostomiasis) ...	14	8	2	1	4	4	—	2
<i>Dietetic Diseases.</i>								
Starvation, want of breast-milk ...	16	3	2	2	3	23	—	—
<i>Constitutional Diseases.</i>								
Rheumatism ...	1	—	—	—	—	1	—	—
Rickets ...	—	—	—	—	1	—	—	—
Cancer ...	—	—	1	—	1	—	—	1
Tubercular Meningitis (hydrocephalus) ...	—	—	—	—	—	—	—	—
Phtthisis ...	12	2	8	1	2	6	2	1
Scrofula ...	1	—	—	—	—	—	—	—
Anæmia, Chlorosis, Leucocythæmia	4	1	1	5	4	3	5	3
Leprosy ...	—	—	—	—	—	—	—	—
Elephantiasis...	—	—	—	—	—	—	—	—
<i>Developmental Diseases.</i>								
Premature Birth	5	1	1	1	1	—	—	1
Other congenital defects	—	—	—	—	1	—	—	—
Old age	28	10	26	7	1	10	—	1
<i>Nervous System.</i>								
Apoplexy ...	2	—	—	1	—	3	—	—
Paralysis ...	3	—	1	1	—	1	1	1
Epilepsy ...	2	—	1	—	—	—	—	—
Convulsions ...	5	—	3	—	1	1	—	—
Infantile Convulsions	39	9	17	7	6	30	2	3
Tetanus ...	7	—	2	1	—	1	—	—
Paraplegia, diseases of the Spinal Cord	—	—	—	—	—	—	—	—
Other and undefined diseases of Brain or Nervous System	—	—	—	—	—	—	—	—
<i>Organs of Special Sense.</i>								
Conjunctivitis and other diseases of Eye	1	—	1	1	—	—	—	—
<i>Circulatory System.</i>								
Valve Disease of Heart	1	—	—	—	—	—	—	—
Varicose veins ...	2	—	—	—	—	—	—	—
Angina pectoris, Syncope	—	—	—	—	—	—	—	—
Other and undefined diseases of Heart or Circulatory System...	1	—	1	—	1	—	—	1
<i>Respiratory System.</i>								
Croup ...	1	—	1	1	—	—	—	—
Bronchitis ...	14	3	11	5	—	3	1	2
Asthma ...	3	—	1	—	2	—	—	—
Pneumonia ...	53	5	51	21	2	12	1	4
Pleurisy ...	1	—	—	1	—	—	—	—
Other and undefined diseases of Respiratory System	—	—	1	—	2	—	—	—

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

Cause of Death.	Central Province.			Prov. of	Province of S'gamuwa.		Western Province.	
	Kandy.	Matale.	Nuwara Eliya.	Uva. Badulla.	Ratnapura.	Kegalla.	Colombo.	Kalutara.
<i>Digestive System.</i>								
Romatitis ...	—	—	—	—	—	—	1	—
Sore Throat ...	1	—	—	1	—	—	—	—
Dyspepsia ...	3	—	—	—	—	—	—	—
Enteritis ...	—	—	1	—	—	—	—	—
Ileus, obstruction of Intestine ...	5	—	6	—	1	1	—	—
Peritonitis ...	3	2	5	—	1	1	—	—
Other diseases of Liver ...	2	2	1	3	—	—	—	—
Other and undefined diseases of Digestive System ...	3	—	1	—	—	2	—	—
<i>Diseases of Lymphatic System and Ductless Glands.</i>								
Diseases of Spleen ...	—	—	—	—	—	1	—	—
<i>Diseases of Urinary System.</i>								
Nephritis ...	1	—	—	—	—	—	—	—
Bright's disease ...	2	—	1	—	—	—	—	—
Suppression of Urine ...	—	—	—	—	1	2	1	—
Other and undefined diseases of Urinary System ...	1	—	—	—	—	—	—	—
<i>Diseases of Organs of Generation.</i>								
Ovarian diseases ...	—	—	—	—	1	—	—	—
<i>Diseases of Parturition.</i>								
Puerperal Convulsions ...	—	—	2	—	—	1	1	—
Other and undefined accidents of Childbirth ...	18	4	9	2	8	6	—	3
<i>Diseases of Integumentary System.</i>								
Phlegmon, Cellulitis ...	—	—	—	1	—	1	—	—
Ulcer, Bed sore ...	—	2	1	1	—	—	—	—
Eczema ...	1	—	—	—	—	—	—	—
Other and undefined diseases of Integumentary System ...	1	—	—	—	—	—	—	—
<i>Accident or Negligence.</i>								
Fractures, Contusions ...	7	—	1	2	4	2	—	—
Gunshot wounds ...	—	—	—	2	—	—	—	—
Burn, Scald ...	3	—	4	1	—	1	—	—
Drowning ...	1	—	—	—	—	—	—	—
Otherwise ...	—	—	—	—	—	1	—	—
<i>Homicide.</i>								
Murder, Manslaughter ...	1	—	—	—	—	1	—	—
<i>Suicide.</i>								
Cut, Stab ...	1	—	—	—	—	—	—	—
Poison ...	1	—	—	—	—	—	—	—
Drowning ...	—	—	2	—	—	—	—	—
Hanging ...	—	—	1	—	—	—	—	—
Otherwise ...	1	—	—	—	—	—	—	—
<i>Ill-defined and not specified Causes.</i>								
General Dropsy ...	41	7	44	12	13	10	1	11
Debility ...	160	12	146	27	17	48	4	16
Other ill-defined and not specified causes ...	9	—	—	5	4	1	2	1
Abscess ...	2	—	—	1	—	—	—	—
Tumour ...	—	—	—	—	1	—	—	—
Hæmorrhage ...	1	—	—	—	—	—	—	—

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

CAUSE OF DEATH.	Colombo Municipality.	WARDS.										NATIONALITIES.						
		Fort and Galle Face.	Pettah.	St. Sebastian.	St. Paul's.	Kotalena.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.
ALL CAUSES ...	1033*	10	28	49	97	190	108	207	151	124	69	12	63	474	243	190	28	23
I.—Specific, Febrile, or Zymotic Diseases ...	343	5	10	12	34	61	26	90	37	47	21	2	12	144	109	59	7	10
II.—Parasitic Diseases ...	33	—	—	—	1	6	—	7	4	12	3	—	3	21	6	1	1	1
III.—Dietetic Diseases ...	3	1	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
IV.—Constitutional Diseases ...	128	1	3	5	9	24	12	28	30	7	9	2	15	58	25	24	4	—
V.—Developmental Diseases ...	81	—	1	7	15	13	19	—	15	8	3	—	3	24	17	33	4	—
VI.—Local Diseases ...	342	1	9	18	23	69	42	62	49	41	28	8	27	172	67	48	8	12
VII.—Violence ...	8	—	1	—	1	1	1	3	—	—	1	—	—	4	3	1	—	—
VIII.—Ill-defined and not specified causes	95	2	4	7	13	16	8	16	16	9	4	—	3	50	15	23	4	—
I.																		
Miasmatic Diseases ...	85	—	1	3	3	28	2	10	5	25	8	2	4	40	15	19	1	4
Do. Diarrhoeal do. ...	151	5	3	2	7	28	5	64	16	16	5	—	3	66	60	16	—	6
Do. Malarial do. ...	91	—	5	7	23	5	18	12	11	4	6	—	3	33	31	20	4	—
Do. Zoogenous do. ...	1	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—
Do. Venereal do. ...	2	—	—	—	—	—	—	1	1	—	—	—	—	2	—	—	—	—
Do. Septic do. ...	13	—	1	—	1	—	1	3	4	2	1	—	1	3	3	4	2	—
II.—Parasitic Diseases ...	33	—	—	—	1	6	—	7	4	12	3	—	3	21	6	1	1	1
III.—Dietetic Diseases ...	3	1	—	—	1	—	—	1	—	—	—	—	—	1	1	1	—	—
IV.—Constitutional Diseases ...	128	1	3	5	9	24	12	28	30	7	9	2	15	58	25	24	4	—
V.—Developmental Diseases ...	81	—	1	7	15	13	19	—	15	8	3	—	3	24	17	33	4	—
VI.																		
Diseases of Nervous System ...	146	—	1	9	9	27	17	13	30	26	14	4	12	69	27	27	1	6
Do. Organs of special sense ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do. Circulatory System ...	15	—	1	1	1	4	1	3	2	—	2	2	1	6	3	3	—	—
Do. Respiratory System ...	116	—	4	5	9	24	19	22	13	11	9	—	9	61	23	15	5	3
Do. Digestive System ...	35	1	2	1	1	9	3	12	2	3	1	2	3	23	5	—	1	1
Do. Lymphatic system and Ductless Glands ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do. Urinary System ...	2	—	—	1	—	—	—	1	—	—	—	—	—	1	—	—	—	1
Do. Reproductive System :—																		
(a) Organs of Generation ...	2	—	—	—	—	—	—	—	—	1	1	—	—	1	—	—	—	1
(b) Parturition ...	9	—	—	1	2	3	—	1	2	—	—	—	—	5	2	1	1	—
Do. Organs of Locomotion ...	2	—	—	—	—	—	—	2	—	—	—	—	—	1	1	—	—	—
Do. Integumentary System ...	15	—	1	—	1	2	2	8	—	—	1	—	2	6	5	2	—	—
VII.																		
Accident or Negligence ...	7	—	—	—	1	1	1	3	—	—	1	—	—	4	2	1	—	—
Homicide ...	1	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Suicide ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Execution ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VIII.																		
Ill-defined and not specified causes ...	95	2	4	7	13	16	8	16	16	9	4	—	3	50	15	23	4	—
Miasmatic Diseases.																		
Smallpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chickenpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles ...	5	—	—	1	—	1	—	—	1	1	1	—	—	4	—	1	—	—
Whooping Cough ...	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Mumps ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhus ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Simple and ill-defined Fever ...	53	—	1	2	2	21	2	—	3	21	1	—	2	18	14	17	1	1
Enteric Fever ...	25	—	—	—	—	6	—	9	1	3	6	—	2	18	1	1	—	1
Influenza ...	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Other Miasmatic diseases ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diarrhoeal Diseases.																		
Cholera ...	4	3	1	—	—	—	—	—	—	—	—	—	—	1	1	2	—	—
Diarrhoea ...	75	1	2	—	—	8	1	43	8	9	3	—	—	27	39	6	—	3
Dysentery ...	72	1	—	2	7	20	4	21	8	7	2	—	3	38	20	8	—	3

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



Table XII.—Causes of Deaths, &amp;c.—continued.

CAUSE OF DEATH.	WARDS.										NATIONALITIES.							
	Colombo Municipality.	Fort and Galle Face.	Pettah.	St. Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Europeans.	Burgers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.
<i>Circulatory System.</i>																		
Angina pectoris, Syncope ...	2	—	1	—	—	—	—	—	1	—	—	1	—	—	1	—	—	—
Varicose veins ...	2	—	—	—	—	2	—	—	—	—	—	—	—	1	1	—	—	—
Other and undefined diseases of Heart or Circulatory System ...	11	—	—	1	1	2	1	3	1	2	1	1	5	1	3	—	—	—
<i>Respiratory System.</i>																		
Laryngitis ...	4	—	—	—	—	3	—	—	—	1	—	—	—	2	1	—	—	1
Croup ...	2	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—
Bronchitis ...	33	—	1	2	5	6	12	1	1	4	1	—	2	18	4	6	2	1
Asthma ...	4	—	1	—	—	—	—	2	—	1	—	—	1	1	—	1	1	—
Pneumonia ...	69	—	2	2	4	15	6	17	12	4	7	—	5	38	16	8	—	—
Pleurisy ...	2	—	—	—	—	—	1	1	—	—	—	—	—	2	—	—	—	—
Other and undefined diseases of Respiratory System ...	2	—	—	1	—	—	—	1	—	—	—	—	—	—	2	—	—	—
<i>Digestive System.</i>																		
Dentition ...	3	—	—	—	—	3	—	—	—	—	—	—	—	2	1	—	—	—
Hæmatemesis ...	1	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—
Diseases of Stomach ...	2	—	—	—	—	2	—	—	1	—	—	—	1	1	—	—	—	—
Enteritis ...	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ileus, Obstruction of Intestine ...	5	—	—	1	—	1	1	2	—	—	—	—	—	3	1	—	—	—
Hernia ...	1	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—
Peritonitis ...	4	—	—	—	—	—	1	2	—	1	—	—	—	4	—	—	—	—
Ascites ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cirrhosis of Liver ...	5	—	—	—	—	2	—	2	—	1	—	—	1	4	—	—	—	—
Other diseases of Liver ...	3	—	—	—	—	—	—	2	—	—	1	—	—	2	—	—	—	—
Other and undefined diseases of Digestive System ...	8	—	2	—	1	1	1	2	1	—	—	—	—	5	2	—	—	1
<i>Diseases of Urinary System.</i>																		
Bright's disease ...	2	—	—	1	—	—	—	1	—	—	—	—	—	1	—	—	—	1
<i>Diseases of Organs of Generation.</i>																		
Diseases of Uterus and Vagina ...	2	—	—	—	—	—	—	—	—	1	1	—	—	—	1	—	—	1
<i>Diseases of Parturition.</i>																		
Abortion, Miscarriage ...	1	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—
Puerperal Convulsions ...	2	—	—	—	—	—	—	—	2	—	—	—	—	—	1	—	—	—
Other and undefined accidents of Child-birth ...	6	—	—	1	2	3	—	—	—	—	—	—	—	4	1	1	—	—
<i>Diseases of Organs of Locomotion.</i>																		
Caries, Necrosis ...	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Arthritis, Ostitis, Perinstitis ...	1	—	—	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—
<i>Diseases of Integumentary System.</i>																		
Carbuncle ...	2	—	—	—	1	—	1	—	—	—	—	—	—	—	2	—	—	—
Phlegmon, Cellulitis ...	6	—	—	—	—	—	1	4	—	—	1	—	—	3	1	1	—	—
Ulcer, Bed sore ...	5	—	1	—	—	—	—	4	—	—	—	1	—	2	1	—	—	—
Other and undefined diseases of Integumentary System ...	2	—	—	—	—	2	—	—	—	—	—	—	—	1	1	—	—	—
<i>Accident or Negligence.</i>																		
Fractures, Contusions ...	4	—	—	—	1	—	—	3	—	—	—	—	—	2	1	1	—	—
Drowning ...	2	—	—	—	—	1	1	—	—	—	—	—	—	2	1	—	—	—
<i>Homicide.</i>																		
Murder, Manslaughter ...	1	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
<i>Ill-defined and not specified Causes.</i>																		
General Dropsy ...	6	—	—	—	1	2	—	1	1	—	—	1	—	5	—	—	—	—
Debility ...	86	2	4	7	12	12	8	14	15	9	3	—	2	42	15	23	4	—
Sudden deaths (causes unascertained) ...	1	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—
Other ill-defined and not specified causes ...	2	—	—	—	—	1	—	1	—	—	—	—	—	2	—	—	—	—









