

**SUPPLEMENT**  
TO THE  
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PART I.

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**VITAL STATISTICS OF TOWNS IN CEYLON IN THE  
MONTH OF SEPTEMBER, 1911.**

**REPORT OF THE REGISTRAR-GENERAL.**

THIS report deals with the Vital Statistics of the 31 principal towns in the Island proclaimed under sections 31 to 36 of the Ordinance No. 1 of 1895.

**Births.**

2. The births registered in the 31 towns during the month numbered 1,187 (638 males and 549 females), and were equal to an annual rate of 28·70 per 1,000, against 28·78 during the preceding month, 28·96 in the corresponding month of last year, and 29·89 the monthly average for the forty-eight months, July, 1907, to June, 1911. Of the towns (excluding Vavuniya and Lunugala, which have a population under 1,000), the highest birth-rate was in Mannar (64·43, average 41·48), and the lowest in Kalpitiya (15·29, average 24·83).

3. In the city of Colombo\* the births numbered 404 (208 males and 196 females), and were equal to an annual rate† of 23·15 per 1,000, against 21·85 in the preceding month, 25·49 in the corresponding month of last year, and 25·61 the monthly average. Of the wards (omitting Fort and Galle Face and the Pettah, which contain a population mainly floating), the highest birth-rate was in Slave Island (26·01, average 24·08), and the lowest was, as in the previous month, in San Sebastian (18·70, average 22·18).

**Deaths.**

4. The deaths registered in the 31 towns during the month numbered 1,692 (925 males and 767 females), and were equal to an annual rate of 31·98 per 1,000, against 35·87 during the preceding month, 26·86 in the corresponding month of last year, and 30·08 the monthly average. Of the towns (excluding Vavuniya and Lunugala), the highest death-rate was, as in the previous month, in Kurunegala (89·50, average 50·08), and the lowest in Nuwara Eliya (10·63, average 13·44), followed by Negombo (18·08, average 23·19).

5. In the city of Colombo\* the deaths registered numbered 594 (336 males and 258 females), and were equal to an annual rate† of 31·83 per 1,000, against 35·98 during the preceding month, 28·08 in the corresponding month of last year, and 32·18 the monthly average. Omitting Fort and Galle Face Ward and the Pettah Ward, the lowest death-rate was in Kollupitiya (19·66, average 19·53), and the highest in New Bazaar (35·45, average 28·42).

**Infantile Mortality.**

6. The infantile mortality of the 31 towns was equal to a rate of 244 per 1,000 births registered, against 300 in the preceding month, 228 in the corresponding month of last year, and 251 the monthly average. In the towns having an estimated population of 5,000 or more, the infantile mortality ranged from 579 each in Gampola and Puttalam (averages 256 and 272 respectively), 462 in Anuradhapura (average 403), 400 in Kurunegala (average 347), to 150 in Panadure (average 190), 105 in Negombo (average 175), 100 in Weligama (average 101), 91 in Kalutara (average 162).

7. The infantile mortality in the city of Colombo was 262 per 1,000 births registered, against 378 in the previous month, 247 in the corresponding month of last year, and 311 the monthly average, and ranged from 414 in St. Paul's (average 412) to 191 in Slave Island (average 368).

**Causes of Death.**

8. *Infants.*—Out of the 1,692 deaths from all causes at all ages in the 31 towns, 290 were among infants under one year. Of these, the chief causes were 83 *Convulsions* (including 27 in Colombo, 11 in Batticaloa); 51 *Debility* (14 in Colombo, 8 in Jaffna); 27 *Premature Birth* (7 in Colombo); 26 *Tetanus* (13 in Colombo); 20 *Pneumonia* (9 in Colombo, 5 in Galle); 12 *Bronchitis* (8 in Colombo); 11 *Enteritis* (8 in Colombo); 7 *Diarrhea* (2 each in Gampola and Jaffna).

\* Consequent on the extension of the limits of the Colombo Municipality in February, 1910, by adding about 49 acres to Kotahena Ward, 531 to Maradana Ward, and 1,013 to Kollupitiya Ward, it became necessary to alter the limits of these registration divisions to make them co-terminous with the Municipal divisions, and this was done with effect from October 1, 1910, by Proclamation of September 13, 1910. The population of the town was increased but slightly, as the added parts are not populous. An additional Registrar has from October 1 been appointed to Kollupitiya Ward, owing to the large area of the ward as enlarged, the ward being divided into two registration divisions, north and south.

† The city-rate is worked out independently of the ward-rates and on a different basis of population, and takes into account hospital events, &c., not assignable to wards.

9. In the city of Colombo, out of the 594 deaths from all causes at all ages, 108 were among infants under one year. Of these, the chief causes were 27 *Convulsions* (11 in Maradana, exclusive of hospitals, 5 in New Bazaar); 14 *Debility* (5 in Slave Island); 13 *Tetanus* (5 in New Bazaar); 9 *Pneumonia* (3 each in St. Paul's and Maradana, exclusive of hospitals); 8 *Bronchitis* (4 in Kotahena); 8 *Enteritis* (4 in Maradana, exclusive of hospitals); 7 *Premature Birth* (4 in Maradana hospitals).

10. General Mortality (One Year and over).—Out of the 1,402 deaths of persons one year and over in age in the 31 towns, there were 174 from *Pneumonia* (64 in Colombo, 14 in Kurunegala, 10 in Kandy); 159 from *Diarrhoea* (31 in Ratnapura, 21 in Matale, 19 in Kandy); 122 from *Phthisis* (65 in Colombo, 11 in Kandy, 10 in Galle); 88 from *Dysentery* (27 in Colombo, 8 in Matale); 67 from *Malarial Cachexia* (12 in Ratnapura, 11 in Kegalla); 66 from *Anchylostomiasis* or *Dochmias Duodenalis* (16 in Gampola, 15 in Matale); 57 from *Malaria* (14 in Kurunegala, 11 in Jaffna); 56 from *Enteric Fever* (48 in Colombo); 46 from *Enteritis* (35 in Colombo); 31 from *Bronchitis* (21 in Colombo); 30 from *Pyrexia* or *Fever* (21 in Kandy); 25 from *Convulsions* (8 in Colombo); 22 from *Bright's Disease* and *Nephritis* (14 in Colombo); 19 from *Puerperal Septicemia* (7 in Colombo). There were 10 deaths from *Smallpox* (4 each in Kandy and Jaffna, 2 in Colombo); and 1 from *Cholera* (in Colombo). The deaths from smallpox were due to infection from India, and the case of cholera to infection from Batavia.

11. The highest mortality in the city of Colombo was from *Phthisis* and *Pneumonia* (18 per cent. each of all deaths one year and over), followed by *Enteric Fever* (9 per cent.), *Enteritis* (7 per cent.), *Dysentery* (5 per cent.), *Bronchitis* (4 per cent.). Out of the 122 deaths from *Phthisis* in all towns at all ages, 66 occurred in Colombo. *Phthisis* and *Pneumonia* were together responsible for 139 deaths at all ages in the city, or 28 per cent. of the deaths from all causes.

12. Taking all the towns together, *Diarrhoea* and *Dysentery* contributed the highest mortality (15 per cent.), followed by *Bronchitis* and *Pneumonia* (14 per cent.), *Infantile Convulsions* (6 per cent.), *Phthisis* (7 per cent.).

#### Meteorology.

13. *Rainfall*.—Ratnapura records the highest rainfall (26.97 inches), followed by Hatton and Dikoya (23.60 inches). The next highest, 11.13 inches and 8.26 inches, were in Nuwara Eliya and Gampola. In Mannar and Chilaw the rainfall was less than one inch, while in Puttalam there was no rainfall at all.

14. *Temperature*.—The mean temperature varied from 59.6° in Nuwara Eliya to 84.5° in Anuradhapura, 84.3° in Mannar, 84.0° in Trincomalee, 82.7° in Jaffna, and was 81.0° in Colombo and 75.2° in Kandy.

15. For detailed information see Tables I. and II. for all towns, and Tables III. and IV. for the city of Colombo in the Appendix.

Registrar-General's Office,  
Colombo, October 18, 1911.

P. APENAGHALAM,  
Registrar-General,



Table II.—Causes of Deaths registered during September, 1911, in each Town of the Island proclaimed under Sections 31-36 of the Ordinance No. 1 of 1895.

Causes of Deaths.	All 31 Towns.	Western Province.	Central Province.	Northern Province.	Southern Province.	Eastern Province.	North-Western Province.	North-Central Province.	Province of Sabaragamuwa.	Deaths among all Races.			
										Tamils.	Mosrs.	Malays.	
All Causes	1,692	594	21	55	29	17	135	41	19	11	79	10	1115
I.—Infantile Mortality	290	106	4	15	2	3	14	11	3	2	4	2	30
A.—One Week and under.													
1. Prematurity	27	7	—	1	2	1	1	2	—	1	2	—	1
2. Debility	29	8	—	—	—	—	—	—	—	—	—	—	—
3. Convulsions	24	7	3	1	—	—	—	—	—	—	—	—	—
4. Diarrhoea	—	—	—	—	—	—	—	—	—	—	—	—	—
4a. Enteritis	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Tetanus	17	8	—	—	—	—	—	—	—	—	—	—	—
6. Bronchitis	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Other causes	13*	4	—	—	—	—	—	—	—	—	—	—	—
B.—Over 1 Week and under 1 Year.													
1. Prematurity	—	22	6	—	—	—	—	—	—	—	—	—	—
2. Debility	—	*59	20	1	3	—	—	—	—	—	—	—	—
3. Convulsions	—	7	—	—	—	—	—	—	—	—	—	—	—
4. Diarrhoea	—	—	—	—	—	—	—	—	—	—	—	—	—
4a. Enteritis	—	1	8	—	—	—	—	—	—	—	—	—	—
5. Tetanus	—	9	5	—	—	—	—	—	—	—	—	—	—
6. Bronchitis	—	12	8	—	—	—	—	—	—	—	—	—	—
7. Pneumonia	—	20	9	—	—	—	—	—	—	—	—	—	—
8. Other causes	—	40†	16	—	3	—	—	—	—	—	—	—	—
II.—General Mortality (1 Year and over)		1,402	488	17	40	27	14	121	30	16	9	75	8
1. Smallpox		—	10	2	—	—	—	—	—	—	—	—	—
2. Chickenpox		—	1	1	—	—	—	—	—	—	—	—	—
3. Measles		—	—	—	—	—	—	—	—	—	—	—	—
4. Influenza		—	2	—	—	—	—	—	—	—	—	—	—
5. Pyrexia or Fever		—	30	1	—	—	—	—	—	—	—	—	—

\* Four from Influenza (3 in Gampola and one in Weligama), 2 from Injuries at Birth (one each in Kandy and Welligama), and one each from Atalectasis, Gastritis, Asphyxia, and Congenital Malformation (in Colombo), Thrush (in Moratuwa), Proctitis (in Kandy), and Rectum absent (in Matale).

† This includes, besides the 16 deaths mentioned in Table IV, footnote †, 7 deaths from Malaria, (3 in Kegalla, 2 in Gampola, and 1 each in Kurunegala and Chilaw), 6 from Pyrexia (3 in Kandy, 2 in Anuradhapura, and one in Jaffna), 3 from Thrush (in Moratuwa), 2 each from Marasmus (one each in Kandy and Galle), and Erysipelas (in Jaffna), and one each from Abscess and Obstruction of Intestines (in Jaffna), Influenza (in Galle), and Peritonitis (in Trincomalee).



Table III.—Number of Births and Deaths registered during the Month of September, 1911, and their Proportion per 1,000 of the Population, and the Deaths of Children under One Year and their Proportion per 1,000 Registered Births, together with the Average Birth- and Death-rates, and Infantile Mortality from January, 1908, to June, 1911, in each Ward of the City of Colombo.

Wards	Population (inclusive of the Military) at the Census of 1911.	Total Births registered.				Total Deaths including Deaths in Hospitals and Jails.				Per Mile per Annum:				Deaths of Children under One Year of Age to 1,000 Births registered.				
		Males.		Females.		Persons.		Males.		Females.		Persons.		Deaths of Non- Residents.		Deaths of Residents.		
		Average, January, 1908, to June, 1911.	Average, September, 1911.	Average, January, 1908, to June, 1911.	Average, September, 1911.	Average, January, 1908, to June, 1911.	Average, September, 1911.	Average, January, 1908, to June, 1911.	Average, September, 1911.	Average, January, 1908, to June, 1911.	Average, September, 1911.	Average, January, 1908, to June, 1911.	Average, September, 1911.	Average, January, 1908, to June, 1911.	Average, September, 1911.	Average, January, 1908, to June, 1911.	Average, September, 1911.	
City of Colombo	212,305	208	196	404	336	258	564	95	499	25·84	23·15	28·88	28·60	31·83	106	313	282	
Port and Galle Roads	3,512	—	—	—	4	1	5	5	—	5·64	—	7·37	—	—	—	—	127	—
Pettah	7,974	1	—	1	5	2	7	—	7	6·84	1·53	12·39	10·68	—	—	1	31	—
San Sebastian	11,546	6	7	13	11	14	25	—	25	22·18	13·70	24·32	26·34	—	—	5	348	386
St. Paul's	24,735	14	15	29	29	27	56	—	56	17·04	14·26	23·76	27·65	—	—	12	412	414
Kotahena	40,771	30	36	66	39	31	70	—	70	23·18	19·70	24·43	20·89	—	—	15	423	227
New Bazaar	22,309	22	24	46	27	38	65	—	65	24·17	26·09	28·42	35·45	—	—	15	381	326
Matale H. Hospital	28	42	70	124	57	181	90	91	—	—	—	—	—	—	—	15	—	—
Maradana (exclusive of "Hospitals")	49,154	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Slave Island	21,984	28	19	47	25	16	41	—	41	24·03	26·01	25·44	22·49	—	—	9	368	191
Kollupitiya	30,320	33	23	66	21	28	49	—	49	17·44	22·47	19·53	19·66	—	—	12	268	24

\* For explanation of "corrected death-rate" see note \* Table I. The population of the several wards of the city not being available by age- and sex-constitution, their corrected death-rates cannot be calculated.

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

Table IV.—Causes of Deaths registered during the Month of September, 1911, in each Ward and Race of the City of Colombo.

Ward.	Causes of Deaths.	Deaths among all Races.																	
		City of Colombo.	All Causes	Port and Gallo Pagode	St. Paul's.	Kotahene.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Silverse泰士蘭.	Burghers.	Sinhalese.	Moors.	Malays.	Others.				
<i>I.—Infantile Mortality</i>																			
A.—One Week and under.		594	5	7	25	56	70	65	181	95	41	49	10	30	272	136	121	18	7
1. Prematurity			108	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Debility			7	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Convulsions			7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Diarrhoea			8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4a. Enteritis			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Tetanus			8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Bronchitis			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Pneumonia			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Other Causes			—	4*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
B.—Over 1 Week and under 1 Year.																			
1. Prematurity			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Debility			6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Convulsions			20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Diarrhoea			8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4a. Enteritis			5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Tetanus			8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Bronchitis			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Pneumonia			9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Other Causes			16†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
C.—General Mortality (1 Year and over).			483	35	36	90	44	55	50	166	73	82	87	9	26	217	120	97	5
1. Smallpox			2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Chickenpox			1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Measles			—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Influenza			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

\* Represents a death from Atelectasis (in Kotahene), and 1 each from Gastitis, Asphyxia, and Congenital Malformation (in Maradana Hospitals).

† Includes 3 deaths from Intestinal Parasites (2 in Kotahene and 1 in Maradana Hospitals); 2 each from Nephritis (1 each in St. Paul's and New Bazaar), Want of Breastmilk (in Maradana, exclusive of hospitals and Kollupitiya), and 1 each from Syphilis (in Maradana Hospitals) and Gastitis (in Slave Island), and Gastitis (in Maradana Hospitals).

Table IV.—Causes of Deaths registered during the Month of September, 1911, in each Ward and Race of the City of Colombo—contd.

Ward.	City of Colombo.	Causes of Deaths.	Deaths among all Races.						
			Burghers.	Kolliupitiya.	Slave Island.	Maradana (exclusive of Hospitals).	New Bazaar.	Rotabane.	Sri Peiris.
II.—General Mortality (1 Year and over)—contd.									
5.	Pyrexia or Fever	1	46	1	1	1	1	1	1
6.	Enteric Fever	42*	22	1	1	1	1	1	1
7.	Malaria	1	6	1	1	1	1	1	1
8.	Malarial Cachexia	1	6	1	1	1	1	1	1
9.	Cholera	1	6	1	1	1	1	1	1
10.	Diarrhoea	2	17	7	1	1	1	1	1
10a.	Enteritis	35	25	1	1	1	1	1	1
11.	Dysentery	27	17	5	2	1	1	1	1
12.	Anchylostomiasis or Dothmius Duodenalis	5	19	9	4	1	1	1	1
13.	Cancer	5	1	1	1	1	1	1	1
14.	Phthisis	65	1	1	1	1	1	1	1
15.	Other Tubercular Diseases	3	1	1	1	1	1	1	1
16.	Anæmia	1	1	1	1	1	1	1	1
17.	Diabetes Mellitus	1	1	1	1	1	1	1	1
18.	Convulsions	8	1	1	1	1	1	1	1
19.	Tetanus	2	1	1	1	1	1	1	1
20.	Bronchitis	21	1	1	1	1	1	1	1
21.	Pneumonia	64	6	1	1	1	1	1	1
22.	Other Diseases of Respiratory System	6	1	1	1	1	1	1	1
23.	Bright's Disease and Nephritis	14	3	2	1	1	1	1	1
24.	Puerperal Eclampsia	2	1	1	1	1	1	1	1
25.	Puerperal Septicaemia	7	1	1	1	1	1	1	1
26.	Miscarriage	1	1	1	1	1	1	1	1
27.	Other and undefined Accidents of Childbirth	1	1	1	1	1	1	1	1
28.	Starvation	1	1	1	1	1	1	1	1
29.	Accidents or Negligence	9	5	2	1	1	1	1	1
30.	Homicide	1	1	1	1	1	1	1	1
31.	Suicide	1	1	1	1	1	1	1	1
32.	Execution	2	1	1	1	1	1	1	1
33.	All other causes	150*	41	16	7	7	7	7	7
			23	17	7	7	7	7	7

\* Here are included 39 deaths from Smallpox (14 in Maradana, exclusive of Hospitals, 8 each in Kotahena and Maradana Hospitals), 18 from Debility (5 in Kotahena).