

**SUPPLEMENT**  
TO THE  
**Ceylon Government Gazette**  
**PART I.**

No. 6,964 — FRIDAY, SEPTEMBER 6, 1918.

**VITAL STATISTICS OF TOWNS IN CEYLON IN THE  
MONTH OF JULY, 1918.**

**REPORT OF THE REGISTRAR-GENERAL.**

This report deals with the Vital Statistics of the 33 principal towns in the Island proclaimed under sections 31-36 of the Ordinance No. 1 of 1895.

**Births.**

2. The number of births registered was 1,357 (690 males and 667 females), and was equivalent to an annual rate of 25·19 per 1,000, against 24·57 in the preceding month, 23·40 in the corresponding month of last year, and 25·31 the average for the corresponding months since 1908. The rate ranged from 10·48 in Ambalangoda to 34·00 in Kalmunai.

3. In the city of Colombo the births registered numbered 400 (201 males and 199 females), and were equivalent to an annual rate\* of 17·03 per 1,000, against 18·34 in the preceding month, 17·58 in the corresponding month of last year, and 20·54 the average for the corresponding months since 1908. The rate ranged from 8·64 in St. Paul's to 29·92 in Wellawatta.

**Deaths.**

4. The total deaths registered during the month numbered 1,482 (789 males and 693 females). There were 1,216 deaths of residents in towns, equivalent to an annual rate of 24·60 per 1,000, against 22·56 in the preceding month, 25·34 in the corresponding month of last year, and 30·08 the average for the month of July in each year since 1908. The rate ranged from 75·00 in Mullaittivu to 11·73 in Chilaw.

5. In the city of Colombo the deaths numbered 563 (307 males and 256 females). There were 500 deaths of residents, equivalent to an annual rate\* of 24·69 per 1,000, against 20·56 in the preceding month, 21·87 in the corresponding month of last year, and 30·64 the average for the month of July in each year since 1908. The rate ranged from 27·88 in Wellawatta to 6·86 in Kollupitiya.

6. The stillbirths registered numbered 99 (58 males and 41 females), as against 79 in the preceding month.

**Infant Mortality.**

7. The mortality of infants under one year of age was equal to a rate of 239 per 1,000 births registered during the twelve months ending July 31, 1918. Reckoned on the births registered during the month only the rate was 256, against 232 in the preceding month, 260 in the corresponding month of last year, and 274 the average for the corresponding months since 1908.

8. In the city of Colombo the mortality of infants was equal to a rate of 288 per 1,000 births registered during the twelve months ending July 31, 1918. Reckoned on the births registered during the month only the rate was 353, against 271 in the preceding month, 305 in the corresponding month of last year, and 348 the average for the corresponding months since 1908.

**Causes of Death.**

9. The highest mortality was attributed to *Pneumonia*, to which 12 per cent. of the total deaths was due, 9 per cent. was due to *Debility*, 8 per cent. to *Convulsions*, 7 per cent. to *Phthisis*, 6 per cent. to *Diarrhoea*, 5 per cent. to *Anchylostomiasis*, 4 per cent. to *Enteritis*, 3 per cent. each to *Dysentery*, *Malaria* and *Malarial Cachexia*, *Bright's Disease* and *Nephritis*, and *Enteric Fever*, and 2 per cent. each to *Prematurity*, *Bronchitis*, and *Tetanus*, and 1 per cent. to *Puerperal Septicæmia*.

10. In Colombo, too, the highest mortality was from *Pneumonia*, to which 13 per cent. of the deaths was due. 11 per cent. was due to *Phthisis*, 10 per cent. to *Debility*, 7 per cent. to *Convulsions*, 5 per cent. to *Enteritis*, 3 per cent. each to *Bronchitis*, *Enteric Fever*, and *Bright's Disease* and *Nephritis*, 2 per cent. each to *Diarrhoea*, *Dysentery*, *Tetanus*, and *Puerperal Septicæmia*, and 1 per cent. to *Cancer*.

11. The number of deaths registered from *Plague* was 11 (2 in Colombo and 9 in Nawalapitiya), as against 65 in the preceding month and 4 in the corresponding month of last year. Twelve deaths from *Smallpox* were registered; of these, 2 were in Colombo and 10 in Mannar.

12. *Infectious Diseases reported.*—The most prevalent infectious disease during the month was *Phthisis*, of which 108 cases were reported (101 in Colombo, 4 in Galle), followed by *Chickenpox* 107 (62 in Colombo, 17 in Kandy), *Smallpox* 75 (68 in Mannar, 6 in Colombo), *Enteric Fever* 61 (38 in Colombo, 6 in Negombo, 6 in Galle, 5 in Panadure), *Measles* 48 (29 in Kandy, 11 in Nuwara Eliya), *Continued Fever* 39 (12 in Colombo, 12 in Moratuwa, 6 in Panadure, 6 in Galle), *Whooping Cough* 6 (in Colombo), *Plague* 4 (2 in Colombo and 2 in Nawalapitiya), *Diphtheria* 2 (in Colombo), and *Dysentery* 2 (1 in Moratuwa and 1 in Panadure).

**Meteorology.**

13. *Rainfall.*—Ratnapura recorded the highest rainfall (8·88 inches), followed by Hatton (6·65 inches). In the other towns the rainfall ranged from 5·83 inches in Tangalla to 0·01 inch in Jaffna. Colombo recorded 3·11 inches.

14. *Temperature.*—The mean temperature varied from 60·2° in Nuwara Eliya to 86·6° in Trincomalee, and was 82·2° in Colombo.

15. For detailed statistics, 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, August 20, 1918.

N. W. MORGAPPAN,  
for Registrar-General.

\* The city-rate is worked differently from the ward-rates, and takes into account hospital events, &c., not assignable to wards.

Table I.—Number of Births and Deaths registered during July, 1918, their Proportion per 1,000 of the Population per Annum, and the Stillbirths and the Deaths of Children under One Year and their Proportion per 1,000 Registered Births, together with the Average Birth- and Death-rates in the corresponding months since 1908, and the Mean Temperature and Rainfall in the Month in each Town of the Island proclaimed under Sections 31–36 of the Ordinance No. 1 of 1895.

Provinces and Towns.	Population estimated to the Middle of 1918 by Intercessional Increase.	Total Births.		Total Stillbirths.		Deaths of Town Residents.		Birth-rate.		Death-rate excluding non-residents. <sup>a</sup>		Mortality of Children under One Year.		Mean Temperature, °F.	Rainfall in Inches.							
		Total Deaths.	Per cent.	Males.	Females.	Per cent.	Per cent.	Crude, July, 1918.	Average Birth-rate for July, 1908–1917.	July, 1918.	Average Death-rate for July, 1908–1917.	Number registered during the year ended last July, 1918.	Its proportion to 1,000 births registered during the year ended last July, 1918.									
All 33 Towns ..	634,370	690,667	1,357	789,693	1,482	58	41	98	258	1,216	25.19	25.31	22.57	24.60	30.08	348	256	288	82.2			
Western.																						
Colombo	219,557	276,605	20,190	400	307	256	563	23	16	38	63	500	17.03	20.54	21.28	24.69	30.64	143	358	82.2		
Negombo	13,043	26,636	30	34	64	30	36	66	2	1	3	12	64	28.24	31.89	23.83	24.92	24.99	16	234	3.11	
Moratuwa	27,216	30,433	31	47	86	38	46	84	2	3	5	1	83	33.27	34.88	32.11	35.41	31.67	30	349	1.98	
Katubera	13,005	14,212	27	25	52	14	21	35	3	1	4	4	31	43.08	26.54	25.68	25.52	26.44	6	116	—	
Panadura	5,709	7,629	6	4	10	5	4	9	—	—	—	9	15	43	17.69	13.89	16.54	25.59	1	100	81	—
Central.																					32.5	
Kandy	30,149	32,785	39	53	92	39	40	79	2	4	6	19	59	33.04	26.53	21.19	23.09	31.41	16	174	183	
Gampola	6,621	7,271	9	2	11	8	10	18	—	—	—	9	9	17.81	31.20	14.67	15.12	32.04	1	91	55	
Nawalpitiya	3,767	4,226	3	2	5	12	10	22	—	—	—	8	12	14.62	25.20	35.10	38.16	31.99	1	200	91	
Hatton and Dikoya	3,025	3,168	6	6	12	4	6	10	—	1	1	7	3	44.60	17.70	11.15	13.02	32.73	1	83	—	
Matale	6,792	7,945	22	14	36	22	18	40	—	1	1	19	21	53.33	33.29	31.14	35.75	36.96	8	222	129	
Nuwara Eliya	14,910	15,123	10	15	25	8	11	19	1	1	2	4	15	19.46	16.19	11.67	13.31	13.98	8	320	406	
Southern.																				60	2	
Galle	39,936	42,113	46	46	92	70	38	108	10	3	13	22	86	26.72	23.57	24.05	23.54	25.60	15	163	147	
Ambalangoda	4,492	4,492	3	1	4	4	3	7	—	—	—	7	10	4.48	—	18.35	—	2.5	—	262	—	
Matara	13,851	17,258	40	31	71	13	19	32	3	—	3	2	30	43.44	28.82	20.47	20.05	21.16	11	165	198	
Welligama	8,672	9,655	17	11	28	5	8	13	—	—	—	13	34	50	29.19	16.02	14.43	16.45	4	143	149	
Hambantota	3,092	3,290	3	4	7	5	3	8	—	—	—	8	25	0.6	43.24	28.63	32.02	41.24	4	571	386	
Tangalle	3,505	5,949	13	11	24	4	4	8	—	—	—	2	6	47.57	35.79	11.89	12.16	32.84	—	—	—	
Northern.																				5.83		
Jaffna	40,441	46,036	68	55	113	56	47	103	4	1	5	4	96	28.90	34.96	24.55	25.08	29.63	32	283	263	
Mannar	3,777	4,139	6	8	14	11	4	15	—	—	—	6	9	39.83	42.09	25.60	28.19	40.28	1	71	83	
Mullaitivu	1,392	1,457	3	5	8	5	2	7	—	—	—	7	64	65	37.20	56.57	75.00	38.55	1	126	84	
Vavuniya	808	1,049	1	—	1	2	4	6	—	—	—	2	11	22	17.10	22.45	30.49	34.65	—	161	—	
Eastern.																				1.07		
Batticaloa	10,671	11,213	18	11	29	18	18	36	—	3	3	—	36	30.45	36.05	37.80	42.84	12	414	359		
Kalmunai	2,022	2,022	7	8	15	5	4	9	—	—	—	3	6	84.00	49.95	33.60	—	29.67	3	200	310	
Trincomalee	8,840	10,832	6	17	23	12	12	24	1	—	—	24	25.00	29.28	26.09	28.64	30.49	4	174	182		
North-Western.																				0.30		
Kurunegala	8,167	9,704	16	11	27	24	8	32	—	4	4	19	12	32.76	24.29	14.56	14.96	34.48	7	259	235	
Puttalam	5,990	6,723	12	7	19	9	10	19	—	—	—	1	18	33.27	26.10	31.52	33.71	34.35	5	263	257	
Kalutara	1,591	1,879	4	4	8	5	3	8	—	—	—	—	8	56	10	21.04	56.10	—	2	547	—	
Chilaw	5,033	6,775	3	5	8	3	3	6	—	—	—	6	16	31	28.07	12.23	11.73	23.72	1	125	67	
North-Central.																				0.41		
Anuradhapura	6,361	7,085	9	8	17	13	11	24	2	—	2	3	20	28.25	22.37	33.24	40.73	58.83	4	235	260	
Uva.																				1.15		
Badulla	6,487	7,293	14	8	22	6	9	15	1	1	2	4	11	35.52	28.60	17.76	19.59	28.57	4	182	165	
Lunugala	515	614	1	—	1	6	6	12	—	—	—	12	—	19.16	30.74	—	—	—	—	—	—	
Sabaragamuwa.																				2.78		
Ratnapura	5,476	7,377	12	10	22	12	12	24	1	—	1	12	35.11	22.16	19.15	21.71	45.07	4	182	218		
K. galla	2,536	2,690	6	5	11	14	7	21	—	—	—	18	3	43.15	28.29	13.13	12.04	19.66	2	182	222	

<sup>a</sup> The standardized death-rates represent the crude death-rates multiplied by the respective standardizing factor in order to make correction for differences of sex- and age-constitution of the several populations in 1911 as compared with that of the Island.

<sup>b</sup> Blanks indicate that there are no observatories or rain gauges.

<sup>c</sup> Includes the population of the Negombo Local Board and registration area.

<sup>d</sup> This increase of population is from July, 1915.

<sup>e</sup> Estimated to the end of December, 1917, by the method of the Census of 1911 by age and sex, while the town of Kalutara was created a registration division only in January, 1914, and Ambalangoda in January, 1915.

<sup>f</sup> Standardized death-rates given for "All Towns" is therefore independent of the towns, but is scarcely affected by other rates.

Table II.—Causes of Deaths registered during July, 1918, in each Town of the Island proclaimed under Sections 31–36 of the Ordinance No. 1 of 1895.

Causes of Deaths.		Deaths among all Races.																	
	All 33 Towns.	Western Province.			Central Province.			Southern Province.			Northern Province.			North-Central Province.		Province of Sabaragamuwa.			
All Causes	1,482	563	63	84	35	9	79	18	22	10	40	19	108	7	32	13	8	8	
I.—Infantile Mortality	..	348	143	15	30	6	1	16	1	1	8	8	15	211	4	32	1	12	3
A.—One Week and under.																			
1. Prematurity ..	27	3	2	4	—	—	2	1	—	—	3	1	—	4	1	—	1	—	
2. Debility ..	39	14	2	—	—	—	—	—	—	—	4	2	—	—	—	—	—	—	
3. Convulsions ..	23	6	—	—	2	1	—	—	—	—	1	1	—	—	—	—	—	—	
4. Diarrhoea ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5a. Enteritis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5. Tetanus ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6. Bronchitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7. Pneumonia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8. Other Causes..	—	—	3*	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
B.—Over 1 Week and under 1 Year.																			
1. Prematurity ..	3	1	—	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	
2. Debility ..	66	32	2	3	—	1	—	—	—	—	2	1	—	—	—	—	—	—	
3. Convulsions ..	50	22	1	4	2	—	1	—	—	—	2	1	6	1	3	1	—	—	
4. Diarrhoea ..	20	6	—	2	—	—	—	—	—	—	3	1	—	—	—	—	—	—	
4a. Enteritis ..	21	12	1	6	—	—	—	—	—	—	2	—	—	—	—	—	—	—	
5. Tetanus ..	4	1	—	2	—	—	—	—	—	—	1	—	—	—	—	—	—	—	
6. Bronchitis ..	10	4	—	—	—	—	—	—	—	—	5	—	—	—	—	—	—	—	
7. Pneumonia ..	34	22	2	3	1	—	—	—	—	—	1	—	—	—	—	—	—	—	
8. Other Causes..	39†	14	5	3	—	—	—	—	—	—	2	1	—	—	—	—	—	—	
II.—General Mortality (1 Year and over)	..	1134	420	51	54	29	8	63	17	21	9	93	521	9	8	71	14	6	
1. Plague ..	..	11	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1a. Smallpox ..	..	12	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Chickenpox ..	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3. Measles ..	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

\* These are due to one each from Haemorrhage and Atelectasis (in Colombo) and Rickets in Kurunegala.

† This includes, besides 14 deaths mentioned in Table IV, 1 death from Intestinal Parasites (2 in Moratuwa and 1 in Puttalam), 3 deaths from Stomatitis (in Negombo), 2 deaths from Whooping Cough (1 each in Moratuwa and Nawalapitiya), 2 deaths from Nephritis (in Negombo), 2 deaths from Dysentery (1 each in Trincomalee and Batticaloa), 2 deaths from Gastitis (in Batticaloa), and 1 each from Meningitis and Hydrocephalus (in Kandy), Rickets (in Galle), Pyrexia (in Kurunegala), Malaria (in Batticaloa), Smallpox (in Mannar), Phlegmon (in Ratnapura), Pyæmia (in Jaffna), and Other ill-defined Causes (in Kurunegala).

— This includes 14 deaths mentioned in Table IV, 1 death from Nephritis (1 each in Jaffna and Anuradhapura), 2 deaths from Dysentery (1 each in Trincomalee and Batticaloa), 2 deaths from Gastitis (in Batticaloa), and 1 each from Menigitis and Hydrocephalus (in Kandy), Rickets (in Galle), Pyrexia (in Kurunegala).

Table II.—Causes of Deaths registered during July, 1918, in each Town of the Island proclaimed under Sections 31–36 of the Ordinance No. 1 of 1895—continued.

Causes of Deaths.	All 88 Towns.	Western Province.	Central Province.	Southern Province.	Northern Province.	Eastern Provinces.	North-Western Province.	Central Province.	Northern Province.	South Central Province.	Province of Sabaragamuwa.	Deaths among all Races.
<b>II.—General Mortality—contd.</b>												
4. Influenza ..	—	—	—	—	—	—	—	—	—	—	—	—
5. Pyrexia or Fever ..	9	3	3	1	—	—	—	—	—	—	—	—
6. Enteric Fever ..	39	15	1	9	2	4	1	—	—	—	—	1
7. Malaria ..	25	1	1	—	1	—	—	1	2	—	—	1
8. Malarial Cachexia ..	17	1	—	—	1	—	—	3	3	1	—	—
9. Cholera ..	—	—	—	—	—	—	—	6	1	4	—	—
10. Diarrhoea ..	68	8	10	1	1	—	2	1	3	4	1	—
10a. Enteritis ..	40	16	3	—	—	—	—	3	1	3	—	—
11. Dysentery ..	44	14	3	—	1	—	3	1	2	1	—	—
12. Ankylostomiasis or Dochmiasis Duodenalis..	68	5	4	1	0	—	4	3	2	4	—	—
13. Cancer ..	11	7	1	—	—	—	—	1	1	1	—	—
14. Phthisis ..	100	64	1	2	1	—	5	1	1	3	—	—
15. Other Tuberculous Diseases ..	5	1	2	—	—	—	2	1	1	1	—	—
16. Anaemia ..	5	—	—	—	—	—	—	1	1	1	—	—
17. Diabetes Mellitus ..	11	3	—	1	1	—	—	1	2	1	—	—
18. Convulsions ..	33	11	3	1	1	—	—	1	1	1	—	—
19. Tetanus ..	12	6	1	—	—	—	—	1	1	1	—	—
20. Bronchitis ..	18	11	—	—	—	—	3	1	1	1	—	—
21. Pneumonia ..	149	54	5	8	8	1	11	4	1	2	2	—
22. Other Diseases of the Respiratory System ..	—	—	—	—	—	—	—	—	—	1	1	—
23. Bright's Disease and Nephritis ..	42	16	4	3	—	—	—	4	—	2	1	—
24. Puerperal Eclampsia ..	10	6	—	—	—	—	—	1	—	1	—	—
25. Puerperal Septicæmia ..	19	10	4	—	—	—	—	2	2	—	—	—
26. Miscarriage ..	—	—	—	—	—	—	—	—	—	—	—	—
27. Other undefined Accidents of Childbirth ..	10	5	1	—	—	—	—	1	—	1	—	5
28. Starvation ..	—	1	1	—	—	—	—	—	—	1	—	1
29. Accidents or Negligence ..	33	8	1	—	—	—	—	3	2	1	—	7
30. Homicide ..	3	—	3	—	—	—	—	—	—	2	—	—
31. Suicide ..	5	1	1	—	—	—	—	—	—	1	—	4
32. Execution ..	—	1	—	—	—	—	—	—	—	1	—	—
33. All Other Causes ..	316*	138	3	21	4	2	11	3	4	2	6	2
										8	4	1
										6	4	9
										63	38	9
										186	163	2

\* Here are included 78 deaths from Old Age (33 in Colombo), 35 from Worms (12 in Colombo and 8 in Galle), and 22 from Paralysis (11 in Colombo).

Table III.—Number of Births and Deaths registered during the Month of July, 1918, and the Deaths of Children under One Year, and their Proportion per 1,000 of the Registered Births, together with the Average Birth- and Death-rates for July, 1908 to 1917, in each Ward of the City of Colombo.

Wards.	Population (Inclusive of Military) at the Census of 1911.	Population estimated to Middle of 1918 by Intercensal Increase. — —	Total Births Registered.	Stillbirths.		Deaths of Non- Residents.	Deaths of Residents.	Mortality of Children under one Year.													
				For Mille per Annum.				Birth-rate. July, 1918.	Death-rate. July, 1918.	Its proportion to 1000 births registered during the Year ended last day of July, 1918.											
				Per Mille per Annum, July, 1918.	Average for July, 1908 to 1917.																
City of Colombo ..	219,557	276,665†	201	199	400	23	15	38	307	256	563	63	500	17.03	20.54	21.28	27.05	24.69	14.8	358	288
Fort and Galle Face	3,512	3,512‡	—	—	—	—	—	—	3	—	2	1	—	—	3.41	3.35	9.42	—	—	—	—
Pettah	7,974	7,974‡	—	2	1	—	1	4	2	6	—	6	2.95	5.55	8.86	11.02	—	—	—	—	
San Sebastian	11,546	13,491	6	11	17	1	—	1	14	11	25	—	25	14.84	19.92	21.82	25.95	—	8	471	403
St. Paul's	24,735	28,633	8	13	21	2	—	2	26	19	45	—	45	8.64	12.68	18.50	19.99	—	10	476	301
Kotahena	40,771	47,212	29	35	64	2	6	8	35	31	66	—	66	15.96	19.37	16.46	23.63	—	17	266	197
New Bazaar	22,309	26,700	23	16	39	2	—	2	30	29	59	—	59	17.20	19.86	26.02	25.43	—	16	410	376
Maradana Hospitals	48,093	67,403	33	44	77	10	5	15	93	62	155	49	106	—	—	—	—	—	22	—	—
Maradana (exclusive of Hospitals)	..	..	38	26	64	4	1	5	40	45	85	—	85	11.18	17.77	14.85	24.72	—	22	344	252
Slave Island	21,984	26,646	25	17	42	1	1	2	25	20	45	1	44	18.56	19.14	19.44	24.47	—	18	429	368
Kollupitiya	25,410	37,779	17	13	30	—	—	18	12	30	8	22	9.35	11.85	6.86	15.91	—	7	233	217	
Wellawatta	13,223	17,315§	22	22	44	—	2	19	25	44	3	41	29.92	27.65	27.88	28.10	—	23	523	554	

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

† Estimated partly on the intercensal increase method, i.e., population exclusive of Wellawatta Ward on the former method and that of Wellawatta added to the town on January 1, 1912, on the latter method (as it was not a separate division at the Census of 1901).

‡ The population of these two wards being a fluctuating one, their population cannot be estimated to the middle of 1918. Hence the Census figures are retained.

§ This population is estimated partly on the natural increase method, i.e., population of Wellawatta on the former method and that of the part of Kollupitiya taken over to Wellawatta on the latter method.

|| Average for months of July, 1912-1917.

**Table IV.—Causes of Deaths registered during the Month of July, 1918, in each Ward and of each Race in the City of Colombo.**

\* One due to Haemorrhage and the other due to Atelectasis.

† Four deaths from Rickets, 2 from Meningitis, 2 from Thrush, and 1 each from Gastritis, Nephritis, Intestinal Obstruction, Syphilis, Burns, and Asphyxia.

† Here are included 33 deaths from Old Age, 12 from Worms, 12 from Debility, 11 from Paralysis, and 6 from Asthma.