

SUPPLEMENT
TO THE
Ceylon Government Gazette
PART I.

No. 6,653 — FRIDAY, AUGUST 28, 1914.

**VITAL STATISTICS OF TOWNS IN CEYLON IN THE
MONTH OF JULY, 1914.**

REPORT OF THE REGISTRAR-GENERAL.

This report deals with the Vital Statistics of the 32 principal towns in the Island proclaimed under sections 31-36 of the Ordinance No. 1 of 1895.

Births.

2. The births numbered 1,229 (638 males and 591 females), and were equal to an annual rate of 25·61 per 1,000, against 26·67 in the preceding month, 26·80 in the corresponding month of last year, and 29·27 the monthly average since July, 1907. The rate ranged from 5·87 in Kalmunai to 51·82 in Hambantota.

3. In the city of Colombo the births numbered 452 (227 males and 225 females), and were equal to an annual rate* of 21·89 per 1,000, against 21·92 in the preceding month, 19·77 in the corresponding month of last year, and 24·66 the monthly average. The rate ranged from 10·24 in St. Paul's to 27·23 in New Bazaar.

Deaths.

4. The total deaths registered during the month amounted to 1,673 (938 males and 735 females). There were 1,368 deaths of residents, equivalent to an annual rate of 31·07 per 1,000 against 26·99 in the preceding month, 26·75 in the corresponding month of last year, and 30·76 the monthly average. The rate declined from 66·36 in Anuradhapura to 12·44 in Kegalla and 8·09 in Nuwara Eliya.

5. In the city of Colombo the deaths numbered 589 (353 males and 236 females). There were 537 deaths of residents, equivalent to an annual rate* of 30·17 per 1,000, against 24·50 in the preceding month, 24·62 in the corresponding month of last year, and 30·93 the monthly average. Kollupitiya showed the lowest death-rate, viz., 12·77, and Wellawatta the highest, 43·03.

6. Stillbirths numbered 77 (47 males and 30 females), against 75 in the preceding month.

Infantile Mortality.

7. The infantile mortality was equal to a rate of 263 per 1,000 births registered, against 261 in the preceding month, 300 in the corresponding month of last year, and 267 the monthly average. Infant mortality rates calculated on the number of births and deaths that occur in any one town of small population are misleading, and such rates are omitted from the table.

8. The infantile mortality in the city of Colombo was 233 per 1,000 births registered, against 231 in the preceding month, 396 in the corresponding month of last year, and 318 the monthly average, and ranged from 609 in St. Paul's to 114 in Kotahena.

Causes of Death.

9. The highest mortality was from *Pneumonia*, to which 10 per cent. of the total deaths were due, 9 per cent. were due to *Infantile Convulsions*, 8 per cent. to *Diarrhoea*, 7 per cent. each to *Debility* and *Phthisis*, 5 per cent. to *Dysentery*, and 3 per cent. each to *Anchylostomiasis* and *Bronchitis*.

10. In the city of Colombo the highest mortality was from *Infantile Convulsions*, which caused 12 per cent. of the total number of deaths in the city. 10 per cent. of deaths were due to *Phthisis*, 9 per cent. to *Plague*, 8 per cent. each to *Pneumonia* and *Debility*, 7 per cent. to *Enteritis*, 4 per cent. to *Bronchitis*, and 1 per cent. each to *Diarrhoea* and *Anchylostomiasis*. The total number of deaths from *Plague* was 52, against 36 in June, 30 in May, 29 in April, and 71 in March.

11. *Infectious Diseases reported.*—The most prevalent infectious disease during the month was *Phthisis*, of which 84 cases were reported (69 in Colombo, 9 in Galle), followed by *Plague* 46 (in Colombo), *Enteric Fever* 43 (24 in Colombo, 10 in Moratuwa, 4 in Galle), *Chickenpox* 24 (10 in Colombo, 9 in Kalutara), *Smallpox* 14 (10 in Lunugala, 2 in Colombo), *Measles* 14 (11 in Badulla, 2 in Colombo), *Continued Fever* 13 (8 in Colombo), *Diarrhoea* 4 (in Galle), *Enteritis* 4 (in Anuradhapura), *Mumps* 1 (in Colombo), *Diphtheria* 1 (in Colombo), *Dysentery* 1 (in Moratuwa).

Meteorology.

12. *Rainfall.*—Hatton and Dikoya recorded the highest rainfall (22·73 inches), followed by Nuwara Eliya (11·80 inches). In the other towns the rainfall ranged from 0·16 inch in Kurunegala to 9·47 inches in Ratnapura.

13. *Temperature.*—The mean temperature varied from 60·6° in Nuwara Eliya to 87·8° in Trincomalee, and was 81·5° in Colombo.

14. 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, August 19, 1914.

BERTRAM HILL,
Registrar-General.

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

Table II.—Causes of Deaths registered during July, 1914, in each Town of the Island proclaimed under Sections 31-36 of the Ordinance No. 1 of 1895.

Causes of Deaths.	All 32 Towns.										Deaths among all Races.																															
	Western Province.			Central Province.			Southern Provinces.				Northern Province.			Eastern Province.			North-Western Province.			North-Central Province.			Province of Sabaragamuwa.																			
	Colombo.	Negombo.	Moratuwa.	Kalutara.	Panadura.	Kandy.	Campola.	Nawalapitiya.	Hatton and Dikoya.	Matale.	Nuwara Eliya.	Galle.	Matale.	Weligama.	Hambantota.	Tangalla.	Jaffna.	Mannar.	Mullaitivu.	Vavuniya.	Batticaloa.	Kalmunai.	Trincomalee.	Kurunegala.	Puttalam.	Kalpitiya.	Chilaw.	Anuradhapura.	Badulla.	Lunugala.	Ratnapura.	Kegalla.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.			
All Causes	589	88	81	80	23	97	15	21	43	15	4	3	5	104	36	11	10	14	129	12	3	45	14	27	60	13	8	15	28	38	18	44	18	8	34	771	593	208	39	22		
I.—Infantile Mortality	328	22	29	4	—	15	2	4	3	5	13	6	2	5	35	1	1	6	2	6	5	1	3	2	5	1	3	2	9	6	3	1	7	162	80	59	14	1				
A.—One Week and under.																																										
1. Prematurity	28	2	3	—	—	4	—	1	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Debility	38	16	6	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3. Convulsions	26	13	—	—	—	1	—	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4. Diarrhoea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4a. Enteritis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5. Tetanus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6. Bronchitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7. Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8. Other causes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
B.—Over 1 Week and under 1 Year.																																										
1. Prematurity	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Debility	37	11	4	—	—	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3. Convulsions	84	42	8	—	—	3	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4. Diarrhoea	11	2	3	—	—	2	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4a. Enteritis	17	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
5. Tetanus	6	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
6. Bronchitis	21	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
7. Pneumonia	18	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
8. Other causes	22†	7	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
II.—General Mortality (1 Year and over)	1350	481	52	26	23	82	13	17	40	10	91	30	11	8	9	94	11	3	239	12	21	32	18	41	17	8	27	609	513	147	25	21	21	12	12	12	12	12				
1. Plague	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
1a. Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
2. Chickenpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
3. Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

* One each from Atelectasis, Injuries at Birth (in Moratuwa), and Fever (in Kegalla).

† This includes, besides 7 deaths mentioned in Table IV., footnote †, 6 deaths from Malaria (3 in Anuradapura, 2 in Jaffna, 1 in Negombo), 2 each from Acute Nephritis (1 each in Kalutara and Jaffna), Asthma (in Jaffna), 1 each from a disease not specified (in Moratuwa), 1 tubercular Obstruction (in Kandy), Whooping Cough (in Nawalapitiya), Hydrocephalus (in Trincomalee), and Syphilis (in Kalpitiya).

Table III.—Number of Births and Deaths registered during the Month of July, 1914, and their Proportion per 1,000 of the Population, the number of Stillbirths, 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 and Infantile Mortality from January, 1908, to June, 1914, in each Ward of the City of Colombo.

Wards.	Population (inclusive of the Military) at the Census of 1911.	Population Estimated to the Middle of 1914 by Inter-censal Increase.	Total Births registered.			Stillbirths.			Total Deaths including Deaths in Hospitals and Jails.			Per Mille per Annum.				Deaths of Children under One Year to 1,000 Births registered.						
			Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Deaths of Residents.	Deaths of Non-residents.	Birth-rate.	Crude Death-rate.		Standardized Death-rate.*	Deaths of Children under One Year.				
															Average January, 1908, to June, 1914.	July, 1914.			Average January, 1908, to June, 1914.	July, 1914.	Average January, 1908, to June, 1914.	July, 1914.
City of Colombo..	219,557	248,114†	227	225	452	16	12	28	353	286	589	52	537	24.70	21.89	27.46	26.01	30.17	128	3.20	288	
Fort and Galle Face	3,512	3,512†	—	1	1	—	—	—	7	—	7	—	7	4.00	—	7.08	23.47	—	—	—	.81	—
Pettah	7,974	7,974†	2	2	4	—	—	—	6	1	7	—	7	5.97	—	10.76	10.34	—	1	2.70	—	—
San Sebastian	11,874	12,393	12	12	24	1	1	2	18	7	25	—	25	21.35	22.80	22.48	23.75	—	8	3.58	333	
St. Paul's	24,735	26,436	12	11	23	2	—	2	27	18	45	2	43	16.87	10.24	22.29	19.15	—	14	4.28	609	
Kotahena	40,771	43,874	49	39	88	—	1	1	32	37	69	—	69	22.79	23.78	23.61	18.65	—	10	3.19	114	
New Bazaar	22,309	24,211	31	25	56	—	1	1	28	23	51	—	51	23.31	27.23	26.89	24.80	—	20	4.07	357	
Maradana Hospitals			45	46	91	10	2	12	105	43	148	48	100	—	—	—	—	—	6	—	—	—
Maradana (exclusive of Hospitals) ..	48,093	56,081	36	39	75	1	2	3	60	48	108	—	108	21.54	16.75	24.84	22.67	—	39	3.55	520	
Slave Island	21,984	23,997	14	19	33	1	2	3	19	22	41	—	41	23.29	16.19	23.72	20.12	—	11	3.62	333	
Kollupitiya	25,410	30,435	12	16	28	—	2	2	16	17	33	—	33	15.14	10.83	15.99	12.77	—	7	2.74	250	
Wellawatta	13,223§	14,501	14	15	29	1	1	2	35	20	55	2	53	31.67	23.55	28.31	43.03	—	12	2.85	414	

* 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 and partly on the natural 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 1914. Hence the Census figures are retained.

§ This population is estimated partly on the natural increase method and partly on the intercensal increase method, i.e., population of Wellawatta on the former method (as it was not a separate division at the Census of 1901) and that of the part of Kollupitiya taken over to Wellawatta on the latter method.

|| For the twenty-four months, January, 1912, to December, 1913.

Table IV.—Causes of Deaths registered during the Month of July, 1914, in each Ward and of each Race in the City of Colombo.

Causes of Deaths.	City of Colombo.	Ward.										Deaths among all Races.							
		Fort and Galle Race.	Pettah.	San Sebastian.	St. Paul's.	Kohena.	New Bazaar.	Mardana Hospitals.	Mardana (exclusive of Hospitals).	Slave Island.	Kollipitiya.	Wellawata.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.
All Causes	589	7	7	25	45	69	51	143	108	41	23	55	5	18	237	136	99	28	16
I.—Infantile Mortality	138	—	1	8	14	10	20	6	39	11	7	12	—	3	63	20	30	12	—
A.—One Week and under.																			
1. Prematurity	2					1	1	1	3	1	1	—			1	5	6	1	
2. Debility	16				6	2	1	1	4	1	2	1			4	4	2		
3. Convulsions	13								6						7	4	2		
4. Diarrhoea	—																		
4a. Enteritis	—																		
5. Tetanus	1					1									1				
6. Bronchitis	—																		
7. Pneumonia	—																		
8. Other Causes	—																		
B.—Over 1 Week and under 1 Year.																			
1. Prematurity	—																		
2. Debility	11						2		7	1	3	1			3	1	4	3	
3. Convulsions	42				6	2	9	1	8	3	3	5			21	6	12	2	
4. Diarrhoea	2						1	1	1	1	2	1			1	1	2	1	
4a. Enteritis	11					1	1	1	4	1	2	1			7	1	1	3	
5. Tetanus	2						5	1	4	2		2			1	1	4	2	
6. Eronitis	11					1	1	1	4	2		2			6	1	1		
7. Pneumonia	10				1	1	1	1	3	2	1	2			8	1	1		
8. Other Causes	7*				1	1	1	1	2	—	1	2			5	1	1		
II.—General Mortality (1 Year and over)	461	7	6	17	31	59	31	142	69	30	26	43	5	15	224	116	69	16	16
1. Plague	—																		
2. Smallpox	62						1	4	7			21		1	20	19	12		
3. Chickenpox	1											1			1				
4. Measles	—																		
5. Influenza	—																		

* This includes 2 from Syphilis and 1 each from Rickets, Dysentery, Cancer, Intestinal Obstruction, and Stomatitis.

Table IV.—Causes of Deaths registered during the Month of July, 1914, in each Ward and of each Race in the City of Colombo—*contd.*

Causes of Deaths.	City of Colombo.	Ward.										Deaths among all Races.								
		Port and Galle Race.	Pettah.	San Sebastian.	St. Paul's.	Kothena.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wellawatta.	Europeans.	Burghers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.	
11.—General Mortality (1 Year and over)— <i>contd.</i>																				
6. Pyrexia or Fever ..	4						1	5	1											
7. Enteric Fever ..	12						2	2												
8. Malaria ..	6																			
9. Malarial Cachexia ..	7																			
10. Cholera ..																				
11. Diarrhoea ..	4																			
11a. Enteritis ..	29																			
12. Dysentery ..	13						1	3												
13. Anchylostomiasis or Doehmiius Duodenalis ..	6																			
14. Cancer ..	6																			
15. Phthisis ..	58																			
16. Other Tuberculous Diseases ..	6																			
17. Anaemia ..																				
18. Diabetes Mellitus ..	3																			
19. Convulsions ..	13																			
20. Tetanus ..	1																			
21. Bronchitis ..	14																			
22. Pneumonia ..	39																			
23. Other Diseases of Respiratory System ..	23																			
24. Bright's Disease and Nephritis ..	12																			
25. Puerperal Eclampsia ..	1																			
26. Puerperal Septicæmia ..	3																			
27. Miscarriage ..	1																			
28. Other undefined Accidents of Childbirth ..	1																			
29. Accidents or Negligence ..	9																			
30. Starvation ..																				
31. Homicide ..	2																			
32. Suicide ..																				
33. Executions ..																				
34. All other causes ..	137*	1	2		8	25	12	41	19	13	7		3	86	29	13	4		2	

* Here are included 34 from Senility, 20 from Intestinal Parasites, 18 from Debility, and 7 from Paralysis.