

SUPPLEMENT
TO THE
Ceylon Government Gazette
PART I.

No. 6,731 — FRIDAY, AUGUST 6, 1915.

**VITAL STATISTICS OF TOWNS IN CEYLON IN THE
MONTH OF JUNE, 1915.**

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 births numbered 1,093 (545 males and 548 females), and were equal to an annual rate of 22·71 per 1,000, against 26·13 in the preceding month, 26·67 in the corresponding month of last year, and 26·93 the average of the corresponding months since 1908. The rate ranged from 10·77 in Panadure to 62·07 in Nawalapitiya.*

3. In the city of Colombo the births numbered 338 (175 males and 163 females), and were equal to an annual rate* of 16·36 per 1,000, against 20·24 in the preceding month, 21·92 in the corresponding month of last year, and 23·45 the average for the month of June in each year since 1908. The rate ranged from 7·95 in Kollupitiya to 18·87 in Wellawatta.

Deaths.

4. The total deaths registered during the month amounted to 1,370 (780 males and 590 females). There were 1,181 deaths of residents, equivalent to an annual rate of 26·74 per 1,000, against 24·35 in the preceding month, 26·99 in the corresponding month of last year, and 28·71 the average of the corresponding months since 1908. The rate ranged from 56·39 in Mullaittivu to 8·48 in Hambantota.

5. In the city of Colombo the deaths numbered 539 (301 males and 238 females). There were 502 deaths of residents, equivalent to an annual rate* of 28·19 per 1,000, against 23·64 in the preceding month, 24·50 in the corresponding month of last year, and 30·19 the average for the corresponding months since 1908. Kollupitiya showed the lowest death-rate, viz., 9·47, and Slave Island the highest, 24·20.

6. Stillbirths numbered 55 (28 males and 27 females), against 60 in the preceding month.

Infantile Mortality.

7. The infantile mortality was equal to a rate of 234 per 1,000 births registered during the twelve months ended June 30, 1915. Reckoned on the births registered during the month only it was 274, against 215 in the preceding month, 261 in the corresponding month of last year, and 276 the average for the corresponding months since 1908.

8. The infantile mortality in the city of Colombo was 242 per 1,000 births registered during the twelve months ended June 30, 1915. Taking only the births registered during the month it was 334, against 280 in the preceding month, 281 in the corresponding month of last year, and 347 the average for the corresponding months since 1908.

Causes of Death.

9. The highest mortality was from *Pneumonia*, to which 12 per cent. of the total deaths was due, 9 per cent. were due to *Phthisis*, 8 per cent. to *Debility*, 7 per cent. to *Convulsions*, 6 per cent. to *Diarrhoea*, 5 per cent. to *Dysentery*, 4 per cent. to *Anchylostomiasis*, 3 per cent. to *Enteritis*, and 2 per cent. each to *Bronchitis*, *Malarial Cachexia*, *Bright's Disease*, and *Malaria*.

10. In the city of Colombo the highest mortality was from *Phthisis*, which caused 14 per cent. of the total number of deaths in the city. 11 per cent. were due to *Pneumonia*, 7 per cent. to *Debility*, 6 per cent. to *Convulsions*, 5 per cent. to *Enteritis*, 4 per cent. each to *Dysentery* and *Bright's Disease*, 3 per cent. to *Bronchitis*, and 2 per cent. to *Diarrhoea*. One death from *Plague* was registered, against 3 in the preceding month, and 1 from *Smallpox*, against 6 in the preceding month.

11. *Infectious Diseases reported.*—The most prevalent infectious disease during the month was *Phthisis*, of which 85 cases were reported (78 in Colombo, 3 in Galle, 2 in Matara), followed by *Enteric Fever* 49 (22 in Colombo, 11 in Moratuwa, 8 in Galle), *Chickenpox* 40 (17 in Nuwara Eliya, 13 in Colombo), *Measles* 23 (21 in Kandy), *Mumps* 15 (11 in Galle), *Dysentery* 9 (8 in Weligama), *Continued Fever* 5 (3 in Colombo), *Whooping Cough* 3 (2 in Colombo), *Diarrhoea* 2 (1 in Colombo, 1 in Galle), and *Plague* 1 (in Colombo).

Meteorology.

12. *Rainfall.*—Ratnapura recorded the highest rainfall (20·38 inches), followed by Hatton and Dikoya (16·17 inches). In the other towns the rainfall ranged from 0·07 inch in Jaffna to 13·97 inches in Kegalla. Colombo recorded 7·96 inches.

13. *Temperature.*—The mean temperature varied from 62·3° in Nuwara Eliya to 88·1° in Batticaloa, and was 82·7° 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, July 22, 1915.

N. W. MORGAPPAN,
for 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 I.—Number of Births and Deaths registered during June, 1915, their Proportion per 1,000 of the Population per Annum, and the Stillbirths and 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.

Province and Town.	Population (inclusive of Military) at Census of March 10, 1911.	Population estimated to March 1915 by Internal Increase.		Total Births.		Total Deaths.		Deaths excluding non-residents		Mortality of Children under One Year.		
		Males	Females	Males	Females	Males	Females	Males	Females	Crude, June, 1915.	Average Birth-rate for June, 1915.	
All 33 Towns	517,977	585,687	545,548	1,093	780,590	1,370	28	27	55	1,181	22.74	26.93
Western.										35	502	16.36
Colombo	219,557	251,338	175,163	333	301,288	639	12	10	22	4	60	23.45
Negombo	13,045	23,644	32,31	63	29,25	54	1	2	3	1	10	25.73
Moratuwa	27,256	29,086	46,65	101	34,43	77	1	3	3	1	76	24.25
Kahitara	13,005	13,700	17,13	30	17,10	27	1	1	2	3	24	30.09
Panadure	6,709	6,776	3	6	5	7	12	—	—	9	10.77	20.06
Central.										64	29.67	28.82
Kandy	30,149	31,675	31	46	77	55	26	81	2	17	19	24.35
Gampola	6,521	6,496	7	6	13	14	9	23	1	2	10	24.41
Nawalapitiya	3,766	3,920	10	10	11	14	20	25	—	2	15	62.07
Hatton & Dikoya	3,026	3,112	2	4	6	8	14	—	—	1	9	23.46
Matale	6,792	6,193	7	6	13	17	6	23	1	1	9	14.86
Nuwara Eliya	14,910	14,976	13	5	18	10	3	13	—	4	7	14.63
Southern.										7	13.77	5.69
Galle	39,936	41,212	40	42	82	44	41	86	3	4	81	24.21
Ambalangoda	4,174	4,174	2	2	4	2	1	3	—	—	3	11.66
Matale	13,851	14,807	21	13	34	17	12	29	—	4	25	27.94
Woligama	8,672	9,181	9	8	17	6	7	1	1	1	13	22.53
Hambantota	3,092	3,208	1	2	3	2	—	—	—	2	11.38	32.06
Tangalle	3,605	4,178	3	4	7	8	3	11	—	3	8	20.39
Northern.										3	37.71	23.30
Jaffna	40,441	43,656	38	56	94	70	52	122	1	3	113	26.20
Manner	3,777	3,988	4	6	10	9	5	14	1	1	3	30.51
Mullaitivu	1,392	1,430	1	1	2	4	1	5	—	—	5	42.30
Vavuniya	808	943	1	—	1	—	1	—	—	—	12.91	24.04
Eastern.										—	—	—
Batticaloa	10,671	10,987	21	13	34	15	11	26	1	1	25	37.05
Kalmunai	—	2,038	1	2	3	2	—	—	—	2	3	17.91
Trincomalee	8,840	9,968	17	4	21	14	13	27	2	—	27	25.10
Northern-Western.										18	29.57	23.39
Kurunegala	8,167	9,052	9	13	22	18	12	30	—	1	15	24.19
Puttalam	6,990	6,413	6	5	11	14	5	19	—	4	20.87	25.62
Kalutiya	1,591	1,644	1	3	4	3	—	—	—	7	29.60	19.80
Chilaw	6,033	5,458	3	7	10	5	1	6	—	6	22.29	34.04
North-Central.										31	32.96	36.18
Anuradhapura	5,361	6,323	3	8	11	13	10	23	1	—	23	21.17
Uva.										12	18	27.39
Badulla	6,487	6,765	9	8	17	10	7	17	—	1	15	20.04
Lunugala	515	574	2	2	7	2	9	—	—	9	42.37	28.09
Sabaragamuwa.										6	22.90	13.37
Ratnapura	6,476	6,246	6	6	12	11	5	16	—	9	7	23.38
Kegalla	2,536	2,626	6	1	7	7	5	12	—	9	3	32.43

* 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.

† Blanks indicate that there are no observations or rain-gauge.

‡ Population enumerated at the beginning of 1915.

|| Population added on the extension of the town limits.

|| Standardized death-rates for Kalkiyawa and Lunugala towns not available.

¶ All towns of the Census of 1911 have been enumerated at the beginning of January, 1915.

|| Standardized death-rates for Ambalangoda, in January, 1915. The death-rate given for "All towns" is therefore independent of these towns, but is scarcely affected by their rates.

Table II.—Causes of Deaths registered during June, 1915, in each Town of the Island proclaimed under Sections 31–36 of the Ordinance No. 1 of 1895—continued.

Causes of Deaths. All 83 Towns.	Western Province.			Central Province.			Southern Province.			Northern Province.			North-Western Province.			Eastern Provinces.			Province of Sabar- gamuwa.			Deaths among all Races.			
II.—General Mortality—contd.																									
4. Influenza	2																								
5. Pyrexia or Fever	21	9				3	2			1	2													1	
6. Enteric Fever	1	1				1	1			3	1													2	
7. Malaria	31	1				1	1			3	1													6	
8. Malaria Cachexia	32	1				1	1			3	1													8	
9. Cholera	69	7	10	3	2	2	2	3	6	5	7	2	1	1	1	1	2	1	1	2	1	1	3		
10. Diarrhoea	31	19	—	1	—	1	—	4	1	1	1	4	1	1	1	1	1	2	1	2	1	1	5		
11. Enteritis	62	20	3	5	1	5	4	1	1	1	2	1	5	1	1	1	3	1	1	2	1	2	1		
12. Ankylostomiasis or Dochminus Duodenalis	55	3	2	—	—	—	—	9	3	2	6	2	—	—	—	—	—	1	1	3	2	1	1		
13. Cancer	130	78	4	6	4	1	8	2	1	1	1	4	2	9	2	1	1	1	1	1	1	2	3		
14. Phthisis	8	3	—	—	—	—	2	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1		
15. Other Tuberculous Diseases	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
16. Anaemia	10	5	—	1	—	—	—	1	—	1	—	1	—	1	—	1	—	1	—	1	—	2	1		
17. Diabetes Mellitus	16	3	3	1	1	—	1	—	1	—	1	—	1	—	1	—	1	—	1	—	1	—	1		
18. Convulsions	8	—	—	—	—	1	—	1	—	1	—	1	—	1	—	1	—	1	—	1	—	1	—		
19. Tetanus	17	13	—	5	7	1	—	13	2	—	5	5	—	1	1	—	1	2	1	—	1	2	3		
20. Bronchitis	139	47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
21. Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
22. Other Diseases of the Respiratory System	8	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	1	1	1		
23. Bright's Disease and Nephritis	32	19	—	1	1	—	1	—	—	1	—	1	—	1	—	1	—	1	—	1	—	1	—		
24. Puerperal Eclampsia	3	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
25. Puerperal Septicæmia	10	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
27. Other and undefined Accidents of Childbirth	6	—	4	—	—	—	—	2	—	—	—	—	1	—	—	—	1	1	—	1	1	—	4		
28. Starvation	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1		
29. Accidents or Negligence	21	8	—	—	—	—	—	—	1	—	1	—	1	2	—	2	—	—	—	—	4	9	1		
30. Homicide	66	30	—	—	—	—	—	—	—	1	—	—	1	—	1	—	—	1	1	—	3	—	—		
31. Suicide	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—		
32. Executions	6	—	8	20	10	—	—	—	—	—	—	4	—	—	3	4	2	16	1	—	1	2	7		
33. All other causes	284*	136	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	8	1	1	2	11		

* Here are included 74 from Old Age (36 in Colombo), 43 from Worms (17 in Colombo), 27 from Debility (12 in Colombo), and 14 from Paralysis (6 in Colombo).

Table III.—Number of Births and Deaths registered during the Month of June, 1915, 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 June, 1908, to 1914; in each Ward of the City of Colombo.

Wards.	Population (inclusive of Military at Census of 1911).	Population estimated to Middle of 1915 by Intercessional Increase.	Total Births registered.		Stillbirths.		Deaths including Deaths in Hospitals and Jails.		Deaths of Non-residents.	Deaths of Residents.	Per Mille per Annum.		Mortality of Children under one Year.										
			Males.	Females.	Males.	Females.	Males.	Females.			Crude Death-rate.	Standardized Death-rate.*	Average for June, 1908, to June, 1915.	Average for June, 1908, to June, 1914.									
							June, 1915.	June, 1915.	June, 1915.	June, 1915.	28·19	113	334	242									
City of Colombo . . .	219,557	251,388†	175	163	383	12	10	22	301	238	539	37	502	16·36	23·45	24·30	26·91	28·19	113	334	242		
Fort and Galle Face	3,512	3,512‡	—	—	—	—	—	—	1	2	3	—	3	—	—	3·04	10·39	8·26	—	1	—	—	
Pettah	7,974	7,974‡	—	—	—	—	—	—	6	2	8	1	7	—	—	4·27	10·68	8·85	—	1	—	—	
San Sebastian	11,546	12,659	8	5	13	1	—	—	1	10	7	17	—	17	12·99	20·05	16·34	20·68	—	3	231	187	
St. Paul's	24,735	26,969	10	15	25	1	—	—	1	25	23	48	1	47	11·28	14·20	21·20	21·08	—	14	560	406	
Kotahena	40,771	44,457	40	26	66	3	1	4	31	42	73	—	73	18·06	22·08	19·98	22·13	—	21	318	238		
New Bazaar	22,309	24,810	12	19	31	—	—	—	2	2	29	20	49	—	49	15·20	20·65	24·03	24·04	—	14	452	306
Maradana Hospitals	33	31	64	4	6	10	100	47	147	35	112	—	—	—	—	—	—	—	—	11	—	—	
Maradana (exclusive of Hospitals)	48,093	58,720	{ 38	28	66	2	—	—	2	49	42	91	—	91	13·68	19·98	18·86	24·73	—	24	364	279	
Slave Island	21,984	24,634	12	16	28	1	1	2	21	28	49	—	49	13·83	21·64	24·20	23·57	—	13	464	1,224		
Kollupitiya	25,410	32,125	11	10	21	—	—	—	—	12	13	25	—	25	7·95	13·44	9·47	15·85	—	3	143	988	
Wellawatta	13,223	15,478§	11	13	24	—	—	—	17	12	29	—	29	18·87	34·64	22·80	38·28	—	8	333	747		

* 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 intercessional 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 intercessional 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 three months, June, 1912, 1913, and 1914.

Table IV.—Causes of Deaths registered during the Month of June, 1915, in each Ward and of each Race in the City of Colombo.

Causes of Deaths.	City of Colombo.	Port and Gallo Roads.	Pettabah.	St. Paul's.	San Sebastian.	Kotahena.	New Bazaar.	Maradana Hospitals.	Slave Island.	Kollupitiye.	Wellawatta.	Europeans.	Burmese.	Sinhalese.	Tamilis.	Moors.	Malays.	Others.	Deaths among all Races.																		
																			All Causes	539	8	8	17	48	73	49	147	91	49	25	29	9	32	274	109	82	12
I.—Infantile Mortality																																					
A.—One Week and under.																																					
1. Prematurity	..	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
2. Debility	..	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
3. Convulsions	..	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
4. Diarrhoea,	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
5. Enteritis,	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
6. Tetanus	..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
7. Bronchitis	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
8. Pneumonia	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
9. Other Causes	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
B.—Over 1 Week and under 1 Year.																																					
1. Prematurity	..	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
2. Debility	..	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
3. Convulsions	..	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
4. Diarrhoea,	..	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
5. Enteritis,	..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
6. Tetanus	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
7. Bronchitis	..	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
8. Pneumonia	..	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
9. Other Causes	..	16*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
II.—General Mortality (1 Year and over).																																					
1. Plague	..	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
2. Smallpox	..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
3. Chickenpox	..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
4. Measles	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
5. Influenza	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										

* This includes 4 each from Rickets and Maresmus, 3 from Worms, 2 from Syphilis, and 1 each from Peritonitis, Malformation, and Placenta Previa.

Table IV.—Causes of Deaths registered during the Month of June, 1915, in each Ward and of each Race in the City of Colombo—continued.

Ward.	City of Colombo.	Causes of Deaths.	Deaths among all Races.																
			Others.	Malays.	Mosrs.	Tamils.	Sinhalese.	Burghers.	Europeans.	Wellawatta.	Kollupitiya.	Slave Island.	Maredana (Exonitive of Hospitals).	New Bazaar.	Kotahena.	St. Paul's.	San Sebastian.	Peteh.	Port and Galile Faoe.
		II.—General Mortality (1 Year and over)— contd.																	
		6. Pyrexia or Fever ..	1																
		7. Enteric Fever ..	9																
		8. Malaria ..	1																
		9. Malarial Cachexia ..	1																
		10. Cholera ..	7																
		11. Diarrhoea ..	19																
		11a. Enteritis ..	20																
		12. Dysentery ..																	
		13. Ankylostomiasis or Doothmias Duo- densis ..																	
		14. Cancer ..	3																
		15. Phthisis ..	78																
		16. Other Tuberculous Diseases ..	3																
		17. Anaemia ..	—																
		18. Diabetes Mellitus ..	5																
		19. Convulsions ..	3																
		20. Tetanus ..	3																
		21. Bronchitis ..	13																
		22. Pneumonia ..	47																
		23. Other Diseases of the Respiratory System ..	4																
		24. Bright's Disease and Nephritis ..	19																
		25. Puerperal Eclampsia ..	2																
		26. Puerperal Septicæmia ..	4																
		27. Miscarriage ..	—																
		28. Other undefined Accidents of Childbirth ..	4																
		29. Accidents or Negligence ..	8																
		30. Starvation ..	—																
		31. Homicide ..	30																
		32. Suicide ..	1																
		33. Executions ..	—																
		34. All other causes ..	136*																

* This includes 36 from Senility, 17 from Worms, and 12 from Debility.