

SUPPLEMENT

TO THE

Ceylon Government Gazette

PART I.

No. 6,693 — FRIDAY, JANUARY 8, 1915.

VITAL STATISTICS OF TOWNS IN CEYLON IN THE MONTH OF NOVEMBER, 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 1,224 (637 males and 587 females), and were equal to an annual rate of 26·35 per 1,000, against 25·56 in the preceding month, 30·81 in the corresponding month of last year, and 29·27 the monthly average since July, 1907. The rate ranged from 7·45 in Kalpitiya to 54·65 in Moratuwa.

3. In the city of Colombo the births numbered 436 (249 males and 187 females), and were equal to an annual rate* of 21·82 per 1,000, against 20·78 in the preceding month, 22·61 in the corresponding month of last year, and 24·66 the monthly average. The rate ranged from 6·80 in Kollupitiya to 30·16 in Kotahena.

Deaths.

4. The total deaths registered during the month amounted to 1,567 (873 males and 694 females). There were 1,301 deaths of residents, equivalent to an annual rate of 30·53 per 1,000, against 26·48 in the preceding month, 31·92 in the corresponding month of last year, and 30·76 the monthly average. The rate ranged from 88·12 in Badulla to 9·30 in Tangalla.

5. In the city of Colombo the deaths numbered 564 (317 males and 247 females). There were 503 deaths of residents, equivalent to an annual rate* of 29·20 per 1,000, against 25·34 in the preceding month, 31·85 in the corresponding month of last year, and 30·93 the monthly average. Kollupitiya showed the lowest death-rate, viz., 13·99, and Wellawatta the highest, 35·24.

6. Stillbirths numbered 81 (42 males and 39 females), against 79 in the preceding month.

Infantile Mortality.

7. The infantile mortality was equal to a rate of 253 per 1,000 births registered, against 222 in the preceding month, 352 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 289 per 1,000 births registered, against 249 in the preceding month, 473 in the corresponding month of last year, and 318 the monthly average, and ranged from 563 in San Sebastian to 259 in Kotahena.

Causes of Death.

9. The highest mortality was from *Debility*, to which 10 per cent. of the total deaths were due, 8 per cent. each were due to *Convulsions*, *Pneumonia*, and *Diarrhœa*, 7 per cent. to *Phthisis*, 6 per cent. to *Dysentery*, 4 per cent. each to *Enteritis* and *Anchylostomiasis*, and 3 per cent. to *Bronchitis*.

10. In the city of Colombo the highest mortality was from *Phthisis*, which caused 10 per cent. of the total number of deaths in the city. 9 per cent. each were due to *Debility* and *Convulsions*, 7 per cent. to *Enteritis*, 6 per cent. to *Pneumonia*, 4 per cent. each to *Plague* and *Bronchitis*, 2 per cent. to *Anchylostomiasis*, and 1 per cent. each to *Smallpox* and *Diarrhœa*. The total number of deaths registered from *Plague*, was 25, against 23 in the preceding month.

11. *Infectious Diseases reported.*—The most prevalent infectious disease during the month was *Phthisis*, of which 85 cases were reported (64 in Colombo, 8 in Galle), followed by *Chickenpox* 61 (47 in Colombo, 5 in Kandy, 4 in Galle, 3 in Kalutara), *Smallpox* 43 (in Colombo), *Enteric Fever* 34 (25 in Colombo, 3 in Galle), *Plague* 25 (in Colombo), *Continued Fever* 17 (10 in Colombo), *Dysentery* 12 (11 in Moratuwa), *Diarrhœa* 3 (2 in Colombo), *Measles* 2 (in Colombo), *Whooping Cough* 2 (in Jaffna), *Diphtheria* 1 (in Colombo), *Mumps* 1 (in Jaffna).

Meteorology.

12. *Rainfall.*—Batticaloa recorded the highest rainfall (25·25 inches), followed by Negombo (21·43 inches). In the other towns the rainfall ranged from 4·18 inches in Tangalla to 15·96 inches in Jaffna.

13. *Temperature.*—The mean temperature varied from 61·2° in Nuwara Eliya to 80·8° in Mannar, and was 80·4° 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, December 18, 1914.

W. L. KINDERSLEY,
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 November, 1914, in each Town of the Island proclaimed under Sections 31-36 of the Ordinance No. 1 of 1895.

Causes of Deaths.	Western Province.				Central Province.			Southern Provinces.				Northern Provinces.				Eastern Province.			North-Western Province.			North-Central Provinces.		Province of Sabaragamuwa.		Deaths among all Races.																	
	Colombo.	Negombo.	Moratwa.	Kalutara.	Panadure.	Kandy.	Campola.	Nawalapitiya.	Hatton and Dikoya.	Matale.	Nuwara Eliya.	Galle.	Matura.	Waligama.	Hambantota.	Tangalla.	Jaffna.	Mannar.	Mullaitivu.	Vavuniya.	Batticaloa.	Katunayake.	Trincomalee.	Kurunegala.	Puttalam.	Kalpitiya.	Chirawa.	Anuradhapura.	Badulla.	Lunugala.	Retnapura.	Kegalla.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.				
All Causes	564	74	87	32	11	65	23	14	20	33	15	90	87	20	8	4	83	22	4	5	40	6	19	41	26	7	16	30	65	20	38	18	5	43	719	548	200	30	22				
I.—Infantile Mortality	126	19	20	6	2	11	4	6	1	3	5	19	13	2	1	1	18	7	1	18	—	—	1	7	4	2	1	4	11	1	—	1	—	12	155	84	48	5	6				
A.—One Week and under.	28	5	2	2	—	4	1	1	—	—	—	3	1	—	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
1. Prematurity	58	21	4	—	2	2	1	—	2	—	—	3	3	—	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Debility	29	17	1	3	1	—	—	—	—	—	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3. Convulsions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4. Diarrhoea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4a. Enteritis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5. Tetanus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6. Bronchitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Other causes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
B.—Over 1 Week and under 1 Year.	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1. Prematurity	51	23	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Debility	64	20	4	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3. Convulsions	8	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4. Diarrhoea	14	10	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4a. Enteritis	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5. Tetanus	15	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6. Bronchitis	11	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7. Pneumonia	18†	10	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
8. Other causes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
II.—General Mortality (1 Year and over)	1,257	438	55	67	26	9	54	19	8	19	30	10	71	54	18	7	3	65	15	3	5	27	6	18	34	22	5	15	26	38	17	5	31	564	464	152	25	16					
1. Plague	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
1a. Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Chickenpox	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3. Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* These are due to Atelectasis (in Colombo).

† This includes, besides 10 deaths mentioned in Table IV., footnote †, 4 deaths from Malaria (2 each Jaffna and Anuradhapura), 1 each from Phthisis (in Moratwa), Stomatitis (in Negombo), Anchylostomiasis (in Galle), and Malarial Cachexia (in Kurunegala).

Table III.—Number of Births and Deaths registered during the Month of November, 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 Intercensal Increase.	Total Births registered.			Stillbirths.			Total Deaths including Deaths in Hospitals and Jails.			Deaths of Non-residents.	Deaths of Residents.	Per Mille per Annum.						Deaths of Children under One Year.	Deaths of Children under One Year to 1,000 Births registered.	
			Males.		Females.		Males.		Females.		Males.			Females.		Birth-rate.	Crude Death-rate.		Standard Death-rate.			
			Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Average January, 1908, to June, 1914.			November, 1914.	Average January, 1908, to June, 1914.		November, 1914.					
			249	187	436	16	18	34	317	247	564			61	503	24.70	21.82	27.46	25.17			29.20
City of Colombo..	219,557	248,114†	249	187	436	16	18	34	317	247	564	61	503	24.70	21.82	27.46	25.17	29.20	126.2	320	289	
Fort and Calle Face	3,512	3,512†	1	—	1	—	—	2	1	3	—	—	3	4.00	—	7.08	10.39	—	—	81	—	
Pettah	7,974	7,974†	—	1	1	—	—	3	1	4	—	1	3	5.97	—	10.76	4.58	—	1	270	—	
San Sebastian	11,574	12,393	9	7	16	—	—	—	17	13	30	4	26	21.35	15.71	22.48	25.53	—	9	358	563	
St. Paul's	24,735	26,436.	20	14	34	3	2	5	25	16	41	5	36	16.87	15.65	22.29	16.57	—	9	428	265	
Kotahena	40,771	43,574	63	45	108	4	1	5	42	44	86	—	86	22.79	30.16	23.61	24.01	—	28	319	259	
New Bazaar	22,309	24,211	25	11	36	2	1	3	19	25	44	4	40	23.31	18.09	26.84	20.10	—	14	407	389	
Maradana Hospitals			41	37	78	3	4	7	83	53	136	45	91	—	—	—	—	—	—	12	—	—
Maradana (exclusive of Hospitals) ..	48,093	56,081	40	36	76	2	4	6	48	50	98	—	98	21.54	16.49	24.84	21.26	—	22	355	289	
Slave Island	21,984	23,997	22	13	35	—	2	2	23	20	43	—	43	23.29	17.75	23.72	21.80	—	11	362	314	
Kollupitiya	25,410	30,435	10	7	17	1	1	2	23	12	35	—	35	15.14	6.80	15.99	13.99	—	8	274	471	
Wellawatta	13,223§	14,501	18	16	34	1	3	4	32	12	44	2	42	31.67	28.53	28.31	35.24	—	12	285	353	

* 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 November, 1914, in each Ward and of each Race in the City of Colombo.

Causes of Deaths.	City of Colombo.	Ward.										Deaths among all Races.							
		Port and Galle Road.	Pettah.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Marsdena Hospitals.	Marsdena (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wellawatta.	Europeans.	Burghers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.
All Causes	564	3	4	30	41	88	44	136	98	43	35	44	4	27	262	140	94	19	18
I.—Infantile Mortality	126	—	1	9	9	28	14	12	22	11	8	12	—	8	62	23	26	3	4
A.—One Week and under.																			
1. Prematurity	5							3	—	2	2	1			3	1	5		
2. Debility	21			3	3	1	5	4	2	2	2	1			10	6	2		
3. Convulsions	17			3	3	6	1	—	4	1	—	—			10	5	—		
4. Diarrhoea	—			—	—	—	—	—	—	—	—	—			—	—	—		
4a Enteritis	—			—	—	—	—	—	—	—	—	—			—	—	—		
5. Tetanus	6			—	—	5	—	—	—	—	—	—			—	—	—		
6. Bronchitis	—			—	—	—	—	—	—	—	—	—			—	—	—		
7. Pneumonia	—			—	—	—	—	—	—	—	—	—			—	—	—		
8. Other Causes	2*			—	—	2	—	—	—	—	—	—			—	—	—		
B.—Over 1 Week and under 1 Year.																			
1. Prematurity	1			—	—	—	—	1	7	—	—	—			—	—	—		
2. Debility	23			3	1	5	2	2	—	1	1	—			11	1	7		
3. Convulsions	20			3	—	3	4	—	3	3	3	1			8	5	5		
4. Diarrhoea	1			—	—	1	—	—	—	—	—	—			1	—	—		
4a Enteritis	10			—	—	—	—	—	1	2	2	4			4	1	2		
5. Tetanus	—			—	—	—	—	—	2	—	—	—			—	—	—		
6. Bronchitis	8			1	1	1	2	—	2	—	—	1			4	2	2		
7. Pneumonia	3			—	—	—	—	—	2	—	—	1			—	—	—		
8. Other Causes	10†			—	—	4	—	2	1	—	—	3			5	1	1		
II.—General Mortality (1 Year and over)	438	3	3	21	32	58	30	124	76	32	27	32	4	19	200	117	68	16	14
1. Plague	—			—	—	—	—	—	—	—	—	—			—	—	—		
2. Smallpox	25			8	4	—	1	1	4	—	—	7			8	7	8		
3. Chickenpox	8			—	—	—	—	—	—	—	—	8			3	1	1		
4. Measles	—			—	—	—	—	—	—	—	—	—			—	—	—		
5. Influenza	—			—	—	—	—	—	—	—	—	—			—	—	—		

* These are due to Atelectasis.

† This includes 2 each from Rickets, Gastritis, and Smallpox, and 1 each from Hepatitis, Worms, Thrush, and Syphilis.

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

Causes of Deaths.	City of Colombo.	Ward.										Deaths among all Races.									
		Fort and Galle Face.	Pettah.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Mardana Hospitals.	Mardana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wellawatta.	Europeans.	Burghers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.		
ii.—General Mortality (1 Year and over)— <i>contd.</i>																					
6. Pyrexia or Fever ..	2																				
7. Enteric Fever ..	11																				
8. Malaria ..	3																				
9. Malarial Cachexia ..																					
10. Cholera ..																					
11. Diarrhoea ..	3																				
11a. Enteritis ..	28																				
12. Dysentery ..	11																				
13. Anchylostomiasis or Doehmius Duo- denalis ..	13																				
14. Cancer ..	1																				
15. Phthisis ..	59																				
16. Other Tuberculous Diseases ..	3																				
17. Anamia ..	4																				
18. Diabetes Mellitus ..	11																				
19. Convulsions ..	5																				
20. Tetanus ..	15																				
21. Bronchitis ..	29																				
22. Pneumonia ..	5																				
23. Other Diseases of Respiratory System ..	16																				
24. Bright's Disease and Nephritis ..	5																				
25. Puerperal Eclampsia ..	1																				
26. Puerperal Septicæmia ..	1																				
27. Miscarriage ..	1																				
28. Other undefined Accidents of Childbirth ..	10																				
29. Accidents or Negligence ..	16																				
30. Starvation ..	1																				
31. Homicide ..	1																				
32. Suicide ..	1																				
33. Executions ..	3																				
34. All other causes ..	154*																				

* Here are included 39 from Senility, 19 from Intestinal Parasites, 9 from Paralysis, and 7 from Debility.