

SUPPLEMENT
TO THE
Ceylon Government Gazette
PART I.

No. 6,782 — FRIDAY, MARCH 3, 1916.

**VITAL STATISTICS OF TOWNS IN CEYLON IN THE
MONTH OF JANUARY, 1916.**

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 1,501 (775 males and 726 females), and were equal to an annual rate of 29·48 per 1,000, against 27·22 in the preceding month, 29·31 in the corresponding month of last year, and 32·74 the average of the corresponding months since 1908. The rate ranged from 8·92 in Kegalla to 67·88 in Hatton and Dikoya.

3. In the city of Colombo the births numbered 545 (284 males and 261 females), and were equal to an annual rate* of 24·80 per 1,000, against 22·39 in the preceding month, 26·19 in the corresponding month of last year, and 27·61 the average of the corresponding months since 1908. The rate ranged from 9·05 in Kollupitiya to 33·08 in Wellawatta.

Deaths.

4. The total deaths registered during the month were 1,607 (872 males and 735 females). There were 1,307 deaths of residents, equivalent to an annual rate of 27·98 per 1,000, against 25·88 in the preceding month, 35·90 in the corresponding month of last year, and 35·49 the average for the month of January in each year since 1908. The rate ranged from 63·88 in Anuradhapura to 3·25 in Nawalapitiya.

5. In the city of Colombo the deaths numbered 555 (291 males and 264 females). There were 494 deaths of residents, equivalent to an annual rate* of 26·08 per 1,000, against 24·02 in the preceding month, 34·29 in the corresponding month of last year, and 35·12 the average for the month of January in each year since 1908. The lowest rate, 10·10, was, as usual, observed in Kollupitiya, and the highest, 26·46, in Wellawatta.

6. Stillbirths numbered 87 (47 males and 40 females), against 99 in the preceding month.

Infantile Mortality.

7. The infantile mortality was equal to a rate of 254 per 1,000 births registered during the year ended January 31, 1916. Reckoned on the births registered during the month only the rate was 224, against 210 in the preceding month, 298 in the corresponding month of last year, and 288 the average of the corresponding months since 1908.

8. In the city of Colombo the infantile mortality was 216 per 1,000 births registered during the year ended January 31, 1916. Calculated on the births registered during the month the rate was 189, against 188 in the preceding month, 352 in the corresponding month of last year, and 320 the average of the corresponding months since 1908.

Causes of Death.

9. The highest mortality was from *Debility* and *Pneumonia*, to each of which 9 per cent. of the total deaths was due, 8 per cent. were due 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 *Malarial Fever* and *Dysentery*, and 2 per cent. each to *Bright's Disease* and *Nephritis*, *Bronchitis*, *Enteric Fever*, *Puerperal Septicæmia*, and *Malarial Cachexia*.

10. In the city of Colombo the highest mortality was due to *Phthisis*, which caused 12 per cent. of the total number of deaths, 8 per cent. were due to *Pneumonia*, 7 per cent. each to *Convulsions* and *Enteritis*, 6 per cent. to *Debility*, 3 per cent. each to *Diarrhoea*, *Enteric Fever*, *Bronchitis*, and *Anchylostomiasis*, 2 per cent. to *Puerperal Septicæmia*, and 1 per cent. to *Bright's Disease* and *Nephritis*. Eighteen deaths from *Plague* were registered in the city of Colombo, against 14 in the preceding month. One death from *Plague* was also registered at Vavuniya of a person who travelled in a motor car from Colombo to Jaffna. No deaths from *Smallpox* were registered.

11. *Infectious Diseases reported.*—The most prevalent infectious disease during the month was *Chickenpox*, of which 270 cases were reported (222 in Colombo, 19 in Ratnapura, 6 in Moratuwa), followed by *Phthisis* 91 (79 in Colombo, 6 in Galle), *Enteric Fever* 72 (40 in Colombo, 14 in Galle, 11 in Moratuwa), *Plague* 19 (18 in Colombo and 1 in Vavuniya), *Continued Fever* 18 (11 in Galle, 3 in Colombo), *Measles* 13 (11 in Kandy), *Mumps* 6 (4 in Colombo), *Dysentery* 4 (1 each in Moratuwa, Panadure, Chilaw, and Kegalla), *Diarrhoea* 2 (in Colombo), *Diphtheria* 1 (in Kandy), and *Typhoid Fever* 1 (in Panadure).

Meteorology.

12. *Rainfall.*—Badulla recorded the highest rainfall (4·69 inches), followed by Kalutara (3·22 inches). In the other towns the rainfall ranged from 3·02 inches in Nuwara Eliya to 0·03 inch in Mannar and Anuradhapura. Colombo recorded 0·31 inch.

13. *Temperature.*—The mean temperature varied from 54·2° in Nuwara Eliya to 79·9° in Ratnapura, and was 78·3° 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, February 17, 1916.

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 January, 1916, in each Town of the Island proclaimed under Sections 31-36 of the Ordinance No. 1 of 1895.

Causes of Deaths.	All 33 Towns.										Deaths among all Races.																															
	Western Province.			Central Province.			Southern Province.				Northern Province.			Eastern Province.			North-Western Province.			North-Central Province.		Province of Uva.		Province of Sabaragamuwa.																		
	Colombo.	Negombo.	Moratuwa.	Kalutara.	Padure.	Kandy.	Gampola.	Nawalapitiya.	Hatton & Dikoya.	Matale.	Nuwara Eliya.	Galle.	Ambalangoda.	Matare.	Weligama.	Hambantota.	Tangalla.	Jaffna.	Mannar.	Mullaitivu.	Vavuniya.	Batticaloa.	Kalmunai.	Trincomalee.	Kurunegala.	Pattaya.	Kaithiya.	Chilaw.	Anuradhapura.	Badulla.	Lunugala.	Katnapura.	Kegalla.	Europeans.	Burbers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.		
All Causes	555	67	97	38	14	91	17	24	18	50	13	117	11	25	22	10	11	137	16	3	5	30	7	22	45	22	11	15	29	33	12	30	10	6	36	777	541	187	29	31		
I.—Infantile Mortality	103	14	27	13	1	16	6	3	4	6	5	23	2	5	6	1	4	46	3	3	1	2	5	6	5	6	3	2	6	3	3	—	—	10	169	94	48	8	7			
A.—One Week and under	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1. Prematurity	41	11	3	—	—	3	—	—	—	3	—	2	1	—	—	—	11	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Debility	49	12	2	2	—	2	—	—	—	3	—	1	—	—	—	—	8	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Convulsions	29	8	2	3	—	1	—	—	—	1	—	3	2	3	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Diarrhoea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4a. Enteritis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Tetanus	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Bronchitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Other Causes..	4*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
B.—Over 1 Week and under 1 Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1. Prematurity	6	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Debility	50	16	4	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3. Convulsions	63	22	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4. Diarrhoea	10	4	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4a. Enteritis	20	10	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5. Tetanus	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6. Bronchitis	12	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
7. Pneumonia	17	6	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
8. Other Causes..	25†	9	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
II.—General Mortality (1 Year and over)	1,271	452	70	25	13	75	11	21	14	44	8	94	9	2	16	9	7	91	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1. Plague	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1a. Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Chickempox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3. Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

* These are due to one each to Thrush (in Kalutara), Homicide (in Colombo), Congenital Malformation (in Colombo), and Obstruction of bowels (in Jaffna).
 † This includes, besides 9 deaths mentioned in Table IV., footnote 1, 4 deaths from Worms, (1 each in Moratuwa, Jaffna, Kurunegala, and Puttalam), 3 from Dysentery (1 each in Gampola, Jaffna, and Anuradhapura), 2 from other external violence (1 each in Negombo and Moratuwa), 1 each from Gastritis (in Badulla), Accidental fall (in Hatton and Dikoya), Septicæmia (in Negombo), Laryngitis (in Kandy), Abscess, Nephritis, and Malarial fever (in Jaffna).

Table III.—Number of Births and Deaths registered during the Month of January, 1916, 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 January, 1908 to 1915, in each Ward of the City of Colombo.

Wards.	Population (inclusive of Military) at Census of 1911.	Population estimated to Middle of 1916 by Inter-censal Increase.	Total Births registered.			Stillbirths.			Total Deaths including Deaths in Hospitals and Jails.			Per Mille per Annum.			Mortality of Children under one Year.						
			Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Deaths of Non-residents.	Deaths of Residents.	Birth-rate.		Death-rate.		Standardized Death-rate.*	Number registered during January, 1916.	Its proportion to 1000 births registered during January, 1916.	Its proportion to 1000 births registered during the Year ended last day of Jan., 1916.
														January, 1916.	Average for Jan., 1908 to 1915.	January, 1916.	Average for Jan., 1908 to 1915.				
City of Colombo ..	219,557	259,451†	284	261	545	19	11	30	291	264	555	61	494	24.80	27.61	22.45	28.91	26.08	103	189	216
Fort and Galle Face	3,512	3,512†	—	—	—	—	—	—	3	—	3	—	3	—	—	10.09	8.45	—	—	—	—
Pettah ..	7,974	7,974†	2	1	3	—	—	—	3	3	6	—	6	4.44	7.60	8.88	13.29	—	1	333	369
San Sebastian ..	11,546	12,930	11	3	14	—	—	—	10	8	18	—	18	12.78	26.93	16.44	24.48	—	3	214	194
St. Paul's ..	24,735	27,513	19	29	48	1	—	1	24	23	47	—	47	20.60	18.95	20.17	22.23	—	19	396	528
Kotahena ..	40,771	45,357	63	40	103	2	1	3	32	49	81	—	81	26.81	27.04	21.08	27.49	—	15	146	182
New Bazaar ..	22,309	25,425	22	30	52	2	—	2	17	17	34	—	34	24.15	28.99	16.79	33.43	—	8	154	185
Marsadana Hospitals			52	48	100	8	5	13	100	69	169	52	117	—	—	—	—	—	16	—	—
Marsadana (exclusive of Hospitals) ..	48,093	61,482	55	49	104	2	1	3	39	51	90	—	90	19.97	23.92	17.28	25.65	—	25	240	287
Slave Island ..	21,984	25,287	24	26	50	3	3	6	18	17	35	2	33	23.34	25.70	15.41	23.42	—	8	160	181
Kollupitiya ..	25,410	33,908	13	13	26	—	1	1	22	14	36	7	29	9.05	16.01	10.10	14.27	—	3	115	108
Wellawatta ..	13,223	16,063§	23	22	45	1	—	1	23	13	36	—	36	33.08	37.64	26.46	25.42	—	5	111	123

* 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 1916. 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 three months, January 1913, 1914, and 1915.

Table IV.—Causes of Deaths registered during the Month of January, 1916, 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 Face.	Pettah.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wellawatta.	Europeans.	Burghers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.
All Causes	555	3	6	18	47	81	34	169	90	35	36	36	5	29	287	121	73	14	26
I.—Infantile Mortality	103	—	1	3	19	15	8	16	25	8	5	3	—	9	51	15	17	5	6
<i>A.—One Week and under.</i>																			
1. Prematurity	11							7	2	1	2				9		2	1	1
2. Debility	12				3	1	2	4	1		1			1	5		2		
3. Convulsions	8				1	3	1					2			4				
4. Diarrhoea																			
4a. Enteritis																			
5. Tetanus																			
6. Bronchitis																			
7. Pneumonia																			
8. Other Causes	2*								1	1				1					1
<i>B.—Over 1 Week and under 1 Year.</i>																			
1. Prematurity	1							1							1				
2. Debility	16							1	5	1				2	6		2	1	1
3. Convulsions	22				6	2	2	1	8	2		1			10		5	1	2
4. Diarrhoea	4				5	3	1		1						2		2		
4a. Enteritis	10				2	1			4	1					7		1	1	
5. Tetanus																			
6. Bronchitis																			
7. Pneumonia																			
8. Other Causes	9†					3		1	2	1	1			2	3		1	1	
II.—General Mortality (1 Year and over)	452	3	5	15	28	66	26	153	65	27	31	33	5	20	236	106	56	9	20
1. Plague																			
1a. Smallpox	18							2			8				5		1		1
2. Chickenpox																			
3. Measles																			
4. Influenza																			
5. Pyrexia or Fever																			

* One each from Homicide and Congenital Malformation.
 † This includes 3 deaths from Syphilis, 2 from Dysentery, 1 from Asphyxia, 1 from Worms, 1 from Rickets, and 1 from Meningitis.

Table IV.—Causes of Deaths registered during the Month of January, 1916, 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 Calle Face.	Petah.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wollawatta.	Europeans.	Burghers.	Sinhalese.	Tamilis.	Moors.	Malays.	Others.	
II.—General Mortality (1 Year and over)																				
<i>contd.</i>																				
6. Enteric Fever ..	18					5	1	6	1											
7. Malaria ..	2							1												
8. Malarial Cachexia ..	2							1												
9. Cholera ..	—																			
10. Diarrhoea ..	15					5	1	14	1											
10a. Enteritis ..	28					2		14	1											
11. Dysentery ..	7					1		4												
12. Anchylostomiasis or Dochmius Duo-						1		4												
denalis ..	14							4												
13. Cancer ..	5							13												
14. Phthisis ..	5							4												
15. Other Tuberculous Diseases ..	67			3	4	13	1	31	6	1	1	1	1	3	20	7	2	2	2	2
16. Anemia ..	4			2		1		2												
17. Diabetes Mellitus ..	5					1		1												
18. Convulsions ..	2					1		1												
19. Tetanus ..	9					3		1												
20. Bronchitis ..	2					1		1												
21. Pneumonia ..	13					3		1												
22. Other Diseases of the Respiratory	39			4	3	1	2	19	2	2	1	1	1	1	4	7	2	2	1	1
System ..	4							1												
23. Bright's Disease and Nephritis ..	8					1	1	1												
24. Puerperal Eclampsia ..	7			1		2		2												
25. Puerperal Septicæmia ..	10					3	1	4												
26. Miscarriage ..	—																			
27. Other undefined Accidents of																				
Childbirth ..	4																			
28. Starvation ..	1							2												
29. Accidents or Negligence ..	8					1	1	3												
30. Homicide ..	4							2												
31. Suicide ..	1							1												
32. Execution ..	—																			
33. All other causes ..	155*		2	3	13	22	11	39	9	17	10	1	11	85	28	20	4	—	—	6

* Here are included 49 from Old Age, 24 from Worms, 11 from Paralysis, and 8 from Debility.