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**VITAL STATISTICS OF TOWNS IN CEYLON IN THE
MONTH OF FEBRUARY, 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 1,437 (705 males and 732 females), and were equal to an annual rate of 31·98 per 1,000, against 29·31 in the preceding month, 30·91 in the corresponding month of last year, and 31·66 the average of the corresponding months since 1908. The rate ranged from 7·93 in Kalpitiya to 69·08 in Hambantota.

3. In the city of Colombo the births numbered 633 (295 males and 338 females), and were equal to an annual rate* of 32·83 per 1,000, against 26·19 in the preceding month, 24·24 in the corresponding month of last year, and 27·19 the average for the months of February since 1908. The rate ranged from 13·80 in Kollupitiya to 37·06 in Wellawatta.

Deaths.

4. The total deaths registered during the month amounted to 1,656 (868 males and 788 females). There were 1,423 deaths of residents, equivalent to an annual rate* of 34·52 per 1,000, against 35·90 in the preceding month, 40·83 in the corresponding month of last year, and 33·51 the average of the corresponding months since 1908. The rate ranged from 73·21 in Jaffna to 15·95 in Tangalla.

5. In the city of Colombo the deaths numbered 537 (278 males and 259 females). There were 497 deaths of residents, equivalent to an annual rate* of 32·31 per 1,000, against 34·29 in the preceding month, 30·36 in the corresponding month of last year, and 32·09 the average of the corresponding months since 1908. Kollupitiya showed the lowest death-rate, viz., 10·96, and Wellawatta the highest, 31·16.

6. Stillbirths numbered 86 (43 males and 43 females), against 90 in the preceding month.

Infantile Mortality.

7. The infantile mortality was equal to a rate of 274 per 1,000 births registered during the twelve months ending on February 28, 1915. Reckoned on the births registered during the month only it was 228, against 298 in the preceding month, 371 in the corresponding month of last year, and 272 the average for the corresponding months since 1908.

8. The infantile mortality in the city of Colombo was 341 per 1,000 births registered during the twelve months ending on February 28, 1915. Taking only the births registered during the month the rate was 231, against 352 in the preceding month, 323 in the corresponding month of last year, and 306 the average for the corresponding months since 1908.

Causes of Death.

9. The highest mortality was from *Debility*, *Convulsions*, *Pneumonia*, and *Diarrhœa*, to each of which 8 per cent. of the total deaths was due, 7 per cent. were due to *Phthisis*, 4 per cent. each to *Dysentery* and *Anchylostomiasis*, 3 per cent. to *Enteritis*, and 2 per cent. to *Bronchitis*.

10. In the city of Colombo the highest mortality was from *Convulsions*, which caused 12 per cent. of the total number of deaths in the city. 11 per cent. were due to *Phthisis*, 9 per cent. to *Pneumonia*, 8 per cent. to *Debility*, 7 per cent. to *Enteritis*, 3 per cent. each to *Bronchitis* and *Diarrhœa*, and 1 per cent. each to *Anchylostomiasis*, *Plague*, and *Smallpox*. The total number of deaths registered from *Plague* was 7, against 19 in the preceding month.

11. *Infectious Diseases reported.*—The most prevalent infectious disease during the month was *Chickenpox*, of which 92 cases were reported (69 in Colombo, 6 in Matara, 6 in Kandy, 5 in Moratuwa, 4 in Kalutara, 2 in Jaffna), followed by *Phthisis* 91 (80 in Colombo), *Enteric Fever* 48 (33 in Colombo, 9 in Galle), *Smallpox* 34 (24 in Colombo, 9 in Kandy, 1 in Kalutara), *Continued Fever* 19 (7 in Galle, 6 in Colombo), *Measles* 8 (3 in Colombo), *Plague* 7 (in Colombo), *Mumps* 5 (in Colombo), *Whooping Cough* 3 (in Ambalangoda), *Diarrhœa* 2 (1 in Galle, 1 in Negombo), *Dysentery* 1 (in Negombo), *Sore Eyes* 1 (in Ambalangoda), *Diphtheria* 1 (in Colombo).

Meteorology.

12. *Rainfall.*—Ratnapura recorded the highest rainfall (6·21 inches), followed by Colombo (5·42 inches). In the other towns the rainfall ranged from 0·06 inch in Mullaitivu to 4·68 inches in Kalutara.

13. *Temperature.*—The mean temperature varied from 58·6° in Nuwara Eliya to 82·3° in Mannar, and was 81·0° 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, March 26, 1915.

N. W. MORGAPPAH,
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 February, 1915, their Proportion per 1,000 of the Population per Annum, and the Stillbirths and the Deaths of Children under One Year and their Proportion 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 (inclusive of the Military) at the Census of March 10, 1911.		Total Births.		Total Deaths.		Total Stillbirths.		Deaths of Town and Districts registered in Towns proclaimed under Sections 31-36 of the Ordinance No. 1 of 1895.	Average Birth-rate for Feb. 1915.	Crude Birth-rate for Feb. 1915.	Standardized* Death-rate for Feb. 1915.	Number registered during February 1915.	Its proportion to 1000 births registered during the year ended last day of Feb., 1915.	Mean Temperature in inches.	Rainfall in inches.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.									
All 33 Towns	517,877	585,687	705,732	1,487	868,788	1,656	43	86	228	31.66	31.67	33.51	327	228	27.4	—	—
<i>Western.</i>																	
Colombo	219,557	251,338	295,338	633	278,259	537	15	32	37	27.19	27.85	32.31	146	231	341	5.42	—
Negombo	13,045	23,644	54,37	91	43,27	70	1	1	1	44.94	38.04	30.38	12	132	166	2.25	—
Moratuwa	27,256	29,086	63,57	120	43,37	80	1	2	2	42.92	34.96	35.04	15	125	144	—	—
Kalutara	13,005	13,700	13,16	29	16,9	25	3	3	4	38.97	19.98	36.05	3	103	98	—	—
Panadura	5,709	6,776	7,5	12	4,6	10	—	2	1	33.63	15.39	20.48	3	250	298	—	—
<i>Central.</i>																	
Kandy	30,149	31,575	32,27	59	44,27	71	2	4	21	30.56	20.64	28.97	14	237	212	3.76	—
Gampola	5,521	6,486	7,8	15	9,13	22	—	1	5	41.78	34.11	33.36	5	333	307	2.44	—
Nawalapitiya	3,767	3,920	4,5	9	8,6	14	2	2	6	28.12	26.60	33.20	1	111	107	—	—
Hatton & Dikoya	3,025	3,112	1,5	6	7,8	15	—	1	8	21.63	25.13	37.05	1	167	167	3.62	—
Matale	5,792	6,193	6,9	15	23,12	35	1	3	24	27.88	23.15	33.71	2	133	153	2.42	—
Nuwara Eliya	14,910	14,976	5,5	10	7,3	10	—	1	5	15.74	4.35	10.70	3	300	175	2.11	—
<i>Southern.</i>																	
Galle	39,936	41,212	50,53	103	59,61	120	4	10	7	34.20	35.74	32.57	19	184	175	80.2	2.17
Ambalangoda	4,174	4,174	3,16	6	6,3	9	—	—	—	18.74	28.11	—	3	500	—	—	—
Matara	13,851	14,807	12,13	28	11,19	30	—	1	2	44.52	24.65	28.19	5	179	112	0.86	—
Weligama	8,672	9,181	9,13	22	17,9	26	—	—	—	37.28	36.92	28.69	3	136	114	—	—
Hambantota	3,092	3,208	4,13	17	6,5	11	—	—	—	31.31	44.70	43.99	3	176	261	80.7	2.36
Tangalla	3,505	4,175	4,5	9	2,4	6	—	—	—	47.57	15.60	23.15	2	222	164	2.47	—
<i>Northern.</i>																	
Jaffna	40,441	43,656	49,46	95	118,127	245	3	6	4	36.10	71.66	53.08	44	463	425	1.30	—
Manar	3,777	3,988	7,4	11	9,9	18	1	1	3	39.99	49.03	51.87	6	545	480	82.3	0.58
Mullattivu	1,392	1,430	3,3	—	1,1	2	—	—	—	33.76	9.12	72.30	—	—	—	—	—
Vavuniya	808	808	—	—	—	—	—	—	—	19.45	27.65	34.61	—	—	—	—	—
<i>Eastern.</i>																	
Batticaloa	10,671	10,987	11,7	18	14,11	25	—	—	2	23.93	27.29	27.86	3	167	104	79.9	0.70
Kalmunai	—	2,038	2,1	3	4,3	7	—	—	3	—	19.19	—	1	—	145	—	—
Trincomalee	8,840	9,968	7,11	18	9,11	20	3	4	17	22.43	22.23	36.02	3	167	150	81.7	1.77
<i>North-Western.</i>																	
Kurunegala	8,187	9,052	14,5	19	23,22	45	1	1	21	26.17	34.56	49.79	7	368	339	79.7	1.85
Puttalam	5,990	6,413	6,7	13	13,15	28	3	3	26	40.87	52.85	30.00	6	462	367	0.10	—
Kalpitiya	1,691	1,644	1,1	1	6,3	9	—	—	—	21.47	71.35	—	1	—	266	3.75	—
Chilaw	5,033	5,458	12,10	22	11,17	28	—	—	3	44.76	59.71	43.29	4	182	242	—	—
<i>North-Central.</i>																	
Anuradhapura	5,361	6,323	2,4	6	16,9	25	—	—	—	25.22	63.15	63.21	4	667	341	82.2	1.16
<i>Uva.</i>																	
Badulla	6,487	6,765	9,11	20	17,16	33	—	—	18	37.17	28.90	31.08	6	300	287	71.9	4.43
Lunugala	515	574	1,1	1	8,9	17	—	—	16	23.06	22.70	—	—	—	—	—	—
<i>Sabaramuwawa.</i>																	
Ratnapura	5,476	6,246	9,6	15	25,17	42	2	3	28	34.93	58.44	35.82	2	133	144	82.1	6.21
Kegalla	2,536	2,626	4,4	8	10,8	18	—	—	12	32.61	29.79	20.69	—	—	—	—	—

* 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.
 † Blank spaces indicate that there are no observatories or rain gauges.
 ‡ Estimated to the end of December, 1913, by natural increase method.
 § Population enumerated at the Census of 1911 by age and sex, but not been enumerated at the Census of 1915. The death-rate given for "All Towns" is therefore independent of these towns, but is scarcely affected by their rates.
 ¶ Since September 1, 1913, the registration limits of Batticaloa town have been extended in order to make them co-terminous with the Local Board area. Hence the rates in previous reports cannot be safely compared with those of subsequent ones.

Table II.—Causes of Deaths registered during February, 1915, 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 Province.			Northern Province.			Eastern Province.		North-Western Province.			North-Central Province.		Province of Sabaragamuwa.		Deaths among all Races.																															
	Colombo.	Negombo.	Kalutara.	Panadura.	Kandy.	Gampola.	Nawalapitiya.	Hatton and Dikoya.	Matale.	Nuwara Elyya.	Galle.	Ambalangoda.	Matara.	Weligama.	Hambantota.	Tangalla.	Jaffna.	Mannar.	Mullaitivu.	Avuniya.	Batticaloa.	Kalmuna.	Trincomalee.	Kurunegala.	Puttalam.	Kalpiya.	Chilaw.	Anuradhapura.	Badulla.	Lunugala.	Ratnapura.	Kegalla.	Eurpeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.														
All Causes	537	70	80	25	10	71	22	14	15	35	10	120	9	30	26	11	6	24	5	18	2	3	25	4	28	9	28	25	33	17	42	18	7	50	702	624	224	23	28														
I.—Infantile Mortality																																																					
A.—One Week and under.																																																					
1. Prematurity	39	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									
2. Debility	46	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
3. Convulsions	28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
4. Diarrhoea	21																																																				
4a. Enteritis																																																					
5. Tetanus																																																					
6. Bronchitis																																																					
7. Pneumonia																																																					
8. Other causes																																																					
B.—Over 1 Week and under 1 Year.																																																					
1. Prematurity	2																																																				
2. Debility	42	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
3. Convulsions	74	32	4	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
4. Diarrhoea	8	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
4a. Enteritis	12	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
5. Tetanus	3																																																				
6. Bronchitis	15	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
7. Pneumonia	10	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
8. Other causes	44†	18	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
II.—General Mortality (1 Year and over)																																																					
1. Plague	1,379	58	65	22	7	57	17	13	14	33	7	101	6	25	23	8	4	20	12	2	3	22	6	17	38	22	8	21	27	17	40	18	6	34	55	528	172	17	22.														
1a. Smallpox	7																																																				
2. Cholera	8																																																				
3. Measles																																																					

* These are due to Atalectosis.

† This includes, besides the 18 deaths mentioned in Table IV., footnote †, 10 from Malaria (6 in Jaffna, 1 each in Hambantota, Mannar, Chilaw, and Anuradhapura), 5 from Dysentery (2 in Jaffna, 1 each in Kandy, Hambantota, and Puttalam), 1 each from Marasmus (in Negombo), Phthisis, Pyæmia (in Panadura), Fever (in Matale), Whooping Cough (in Galle), Abscess (in Ambalangoda), Syphilis (in Matara), Erysipelas (in Jaffna), Asthma (in Batticaloa), and Heart-failure (in Kurunegala.)

Table III.—Number of Births and Deaths registered during the Month of February, 1915, 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 for February, 1908, to 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 1915 by Inter-censal Increase.	Total Births registered.			Stillbirths.			Total 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.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.			Birth-rate.		Death-rate.		Standardized Death-rate.*	Number registered during Feb., 1915.	Its proportion to 1000 births registered during February, 1915.	
														Average for February, 1908, to 1914.	February, 1915.	Average for February, 1908, to 1914.	February, 1915.				
City of Colombo..	219,557	251,338†	295	338	633	15	17	32	278	259	537	40	497	27.19	32.83	23.53	25.78	32.31	146	231	341
Fort and Galle Face	3,512	3,512‡	—	—	—	—	—	—	—	—	—	—	—	1.27	—	5.07	—	—	—	—	—
Pettah	7,974	7,974‡	4	3	7	—	1	1	3	3	6	1	5	3.03	11.44	13.66	8.17	—	1	143	—
San Sebastian	11,574	12,659	11	11	22	—	—	—	11	15	26	—	26	24.24	22.66	24.72	26.77	—	5	227	318
St. Paul's	24,735	26,969	24	24	48	1	1	2	24	16	40	1	39	19.80	23.20	24.89	18.85	—	15	312	519
Kotahena	40,771	44,457	42	55	97	1	2	3	39	49	88	1	87	25.37	28.44	24.11	25.51	—	26	268	328
New Bazaar	22,309	24,810	22	34	56	3	1	4	25	25	50	—	50	27.67	29.48	28.73	26.27	—	20	357	481
Maradana Hospitals	48,093	53,720	81	81	162	4	4	8	75	54	129	35	94	—	—	—	—	—	17	—	—
Maradana (exclusive of Hospitals)	—	—	58	56	114	5	3	8	46	45	91	—	91	23.06	25.31	26.32	20.20	—	31	272	404
Slave Island	21,984	24,634	24	25	49	1	2	3	19	22	41	—	41	23.53	25.93	22.87	21.70	—	13	265	382
Kollupitiya	25,410	32,125	13	21	34	—	1	1	15	12	27	—	27	16.33	13.80	15.30	10.96	—	5	147	208
Wellawatta	13,223§	15,478	16	28	44	—	2	2	21	18	39	2	37	36.38	37.06	31.78	31.16	—	13	295	367

* 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 two months, February, 1912, and 1913.

Table IV.—Causes of Deaths registered during the Month of February, 1915, 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 Calle Face.	Pettah.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Maredana Hospitals.	Maredana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wellawatta.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.
All Causes	537	6	26	40	88	50	139	91	41	27	39	5	39	249	114	92	17	21	
I.—Infantile Mortality	146	1	5	15	26	20	17	31	13	5	13	1	14	64	28	31	5	3	
A.—One Week and under.																			
1. Prematurity	15				1		8	2	3	1				8	5				
2. Debility	11			3	1	3	2		2					4	2				
3. Convulsions	21			1	4	2		6		1	7			12	5				
4. Diarrhoea																			
4a. Enteritis																			
5. Tetanus																			
6. Bronchitis																			
7. Pneumonia																			
8. Other Causes	2*				2									1	1				
B.—Over 1 Week and under 1 Year.																			
1. Prematurity																			
2. Debility	20			3	5	2	3			1	5			9	6	3	1	1	1
3. Convulsions	32			6	4	5		9	6	1				9	2	14	1	1	1
4. Diarrhoea	3					1		1	1					2	1				
4a. Enteritis	9					1		6						5		3			
5. Tetanus																			
6. Bronchitis	6				2	1		2	1					2	1		1		
7. Pneumonia	9			1	2	1	2	1	1	1				5	2	1			
8. Other Causes	18†			2	5	4	1	4			1			7	3	3			
II.—General Mortality (1 Year and over)	391	5	21	25	62	30	112	60	28	22	26	4	25	185	86	61	12	18	
1. Plague																			
2. Smallpox	7			3		1	1				6								
3. Chickenpox	6																		
4. Measles																			
5. Influenza																			

* This includes 2 from Atelectasis.

† This includes 8 from Rickets, 3 from Syphilis, and 1 each from Worms, Eczema, Stomatitis, Intestinal Strangulation, Intestinal Obstruction, Septicæmia, and Smallpox.

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

Causes of Deaths.	City of Colombo.	Ward.										Deaths among all Races.*									
		Port 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.	Tamils.	Moors.	Malays.	Others.		
III.—General Mortality (1 Year and over)— contd.																					
6. Pyrexia or Fever ..	2																				
7. Enteric Fever ..	13																				
8. Malaria ..	2																				
9. Malarial Cachexia ..	4																				
10. Cholera ..																					
11. Diarrhoea ..	12																				
11a. Enteritis ..	27				2	3	2	17	2	2	1										
12. Dysentery ..	11					2	2	4	1	1											
13. Anchylostomiasis or Dochmius Duodenalis ..	8					1	1	7													
14. Cancer ..	3				1	1															
15. Phthisis ..	61				8	1	8	19	10	1	2	1									
16. Other Tuberculous Diseases ..	4					1	1	2	1	1	2	1									
17. Anæmia ..	3					2	2	2	1												
18. Diabetes Mellitus ..	4					2	2	1	1												
19. Convulsions ..	9				1	2	1	1	1												
20. Tetanus ..	1					1	1	1	1												
21. Bronchitis ..	9					4	1	1	1												
22. Pneumonia ..	39					3	3	15	17	1	3	1									
23. Other Diseases of Respiratory System ..	2					1	1	2	1												
24. Bright's Disease and Nephritis ..	11				2	1	1	4	2												
25. Puerperal Eclampsia ..	1																				
26. Puerperal Septicæmia ..	6					2	2	1	2												
27. Micarriage ..																					
28. Other undefined Accidents of Childbirth ..	8																				
29. Accidents or Negligence ..	4					2	2	3	1												
30. Starvation ..																					
31. Homicide ..	1																				
32. Suicide ..	1																				
33. Executions ..	5																				
34. All other causes ..	127*	1	3	6	25	11	26	22	14	10	9		11	55	28	22	6			5	

*This includes 38 from Senility, 13 from Debility, and 10 from Paralysis.