

SUPPLEMENT  
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PART I.

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**VITAL STATISTICS OF TOWNS IN CEYLON IN THE  
MONTH OF OCTOBER, 1920.**

**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 number of births registered was 1,683 (876 males and 807 females), and was equivalent to an annual rate of 29·89 per 1,000, against 28·98 in the preceding month, 25·65 in the corresponding month of last year, and 27·29 the average for the corresponding months since 1910. The rate ranged from 15·60 in Nuwara Eliya to 63·51 in Hambantota.

3. In the city of Colombo the births registered numbered 639 (331 males and 308 females), and were equivalent to an annual rate of 25·55 per 1,000, against 27·56 in the preceding month, 19·82 in the corresponding month of last year, and 22·47 the average for the corresponding months since 1910. The rate ranged from 9·54 in Kollupitiya to 40·44 in Wellawatta.

**Deaths.**

4. The total deaths registered during the month numbered 1,645 (886 males and 759 females). There were 1,279 deaths of residents in towns, equivalent to an annual rate of 24·76 per 1,000, against 24·55 in the preceding month, 23·43 in the corresponding month of last year, and 31·27 the average for the month of October in each year since 1910. The rate ranged from 59·19 in Anuradhapura to 7·12 in Nuwara Eliya.

5. In the city of Colombo the deaths numbered 606 (345 males and 261 females). There were 542 deaths of residents, equivalent to an annual rate of 25·14 per 1,000, against 21·95 in the preceding month, 21·98 in the corresponding month of last year, and 28·70 the average for the month of October in each year since 1910. The rate ranged from 36·64 in Wellawatta to 6·45 in Kollupitiya.

6. The stillbirths registered numbered 144 (79 males and 65 females), as against 95 in the preceding month.

**Infant Mortality.**

7. The mortality of infants under one year of age was equal to a rate of 228 per 1,000 births registered during the twelve months ended October 31, 1920. Reckoned on the births registered during the month only the rate was 209, against 165 in the preceding month, 194 in the corresponding month of last year, and 241 the average for the corresponding months since 1910.

8. In the city of Colombo the mortality of infants was equal to a rate of 238 per 1,000 births registered during the twelve months ended October 31, 1920. Reckoned on the births registered during the month only the rate was 216, against 138 in the preceding month, 190 in the corresponding month of last year, and 266 the average for the corresponding months since 1910.

**Causes of Death.**

9. The highest mortality was from *Debility*, to which 10 per cent. of the total deaths was due, 9 per cent. was due to *Convulsions*, 8 per cent. to *Pneumonia*, 7 per cent. to *Anchylostomiasis*, 6 per cent. each to *Phthisis* and *Diarrhœa*, 5 per cent. each to *Enteritis* and *Bright's Disease and Nephritis*, 4 per cent. to *Dysentery*, 3 per cent. to *Enteric Fever*, 2 per cent. each to *Malaria* and *Malarial Cachexia* and *Plague*, and 1 per cent. each to *Influenza*, *Prematurity*, *Bronchitis*, and *Puerperal Septicæmia*.

10. In Colombo the highest mortality was from *Convulsions*, to which 10 per cent. of the deaths was due, 9 per cent. each was due to *Pneumonia* and *Phthisis*, 8 per cent. to *Debility*, 5 per cent. to *Enteric Fever*, 4 per cent. to *Plague*, 3 per cent. each to *Enteritis*, *Diarrhœa*, *Dysentery*, *Bright's Disease and Nephritis*, and *Influenza*, 2 per cent. to *Anchylostomiasis*, and 1 per cent. each to *Cancer*, *Bronchitis*, and *Tetanus*.

11. Thirty-one deaths from *Plague* were registered (27 in Colombo, 3 in Moratuwa, and 1 in Kandy), as against 26 in the preceding month and 17 in the corresponding month of last year. 3 deaths from *Smallpox* (in Colombo), and 1 from *Measles* (in Negombo) were also registered.

12. *Infectious Diseases reported.*—The infectious disease most prevalent during the month was *Phthisis*, of which 113 cases were reported (104 in Colombo), *Chickenpox* followed with 108 cases (64 in Colombo, 17 in Anuradhapura, 15 in Kandy, 6 in Nuwara Eliya), *Enteric Fever* 95 (74 in Colombo, 7 in Galle), *Measles* 68 (25 in Colombo, 14 in Chilaw, 9 in Negombo, 7 in Moratuwa), *Plague* 36 (28 in Colombo, 6 in Moratuwa), *Continued Fever* 33 (20 in Colombo, 6 in Moratuwa, 5 in Kandy), *Smallpox* 23 (in Colombo), *Dysentery* 6 (5 in Moratuwa), *Mumps* 3 (in Colombo), and *Whooping Cough* 1 (in Colombo).

**Meteorology.**

13. *Rainfall.*—Nawalapitiya recorded the highest rainfall (32·38 inches), followed by Kegalla (17·56 inches). In the other towns the rainfall ranged from 15·27 inches in Colombo to 1·20 inches in Hambantota.

14. *Temperature.*—The mean temperature varied from 60·3° in Nuwara Eliya to 84·2° in Trincomalee, and was 80·4° in Colombo.

15. For detailed statistics, 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, November 20, 1920.

F. BARLETT,  
Registrar-General.

Table L.—Number of Births and Deaths registered during October, 1920, their Proportion per 1,000 of the Population per Annum, and the Stillbirths and Deaths of Children under One Year and their Proportion with the Average Birth- and Death-rates in the corresponding months since 1910, 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.	Population estimated to the Middle of 1920 by Inter-censal Increase.	Total Births.			Total Deaths.			Total Stillbirths.			Deaths of Town Residents in Towns and Hospitals.		Birth-rate.		Death-rate excluding non-residents.				Mean Temperature.	Rainfall in Inches.	
			Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Non-residents.	Town and Hospital.	Average Birth-rate for Oct., 1910-1919.	Crude, October, 1920.	Standardized, October, 1920.	Average Death-rate for Oct., 1910-1919.	Number registered during October, 1920.	Its proportion to 1,000 births registered during the year ended the last day of Oct., 1920.			
<b>All Towns</b>	517,877	664,677	876,807	1,683	886	759	1,645	79	65	144	361	1,279	29.89	27.29	22.71	24.76	31.27	352	209	228	80.4	15.27
<i>Western.</i>																						
Colombo	219,557	295,292	331,308	639	345	261	606	46	29	75	64	542	25.55	22.47	21.67	25.14	28.70	138	216	238	80.4	15.27
Negombo	13,045	27,387c	49,42	91	46	28	74	2	2	4	9	65	39.23	35.26	28.02	29.31	26.58	13	143	166	—	12.28
Moratuwa	27,256	31,374	64,72	136	39	51	90	3	1	4	4	86	51.18	40.63	32.36	35.69	32.58	34	250	301	—	10.95
Kalutara	13,005	14,863	29,21	50	16	18	34	1	1	2	23	40.54	33.93	22.70	22.55	24.79	7	140	196	—	—	
Panadura	5,709	8,256	8	18	5	8	13	2	2	2	7	25.74	21.72	10.01	11.92	25.20	1	56	64	—	—	
<i>Central.</i>																						
Kandy	30,149	33,616	58,44	102	51	35	86	6	4	10	24	62	35.82	27.21	21.78	23.73	35.43	22	216	240	76.8	11.02
Gampola	5,521	7,839	9	12	10	9	19	—	—	—	8	11	31.63	28.01	16.57	17.19	40.58	1	48	54	—	13.37
Nawalapitiya	3,767	4,097	5	13	4	9	13	1	—	—	4	4	17.29	28.07	11.53	12.53	36.71	—	—	—	—	32.38
Hawton and Dikoya.	3,025	3,206	3	7	10	14	30	—	—	—	30	36.83	22.07	—	—	—	38.86	2	200	211	—	13.05
Matale	5,792	8,200d	12	8	20	25	19	44	2	1	26	18	28.80	27.58	25.92	29.78	48.30	7	350	278	—	14.02
Nuwara Eliya	14,910	16,136e	11	9	20	6	7	13	1	2	4	9	15.60	18.28	6.24	7.12	11.34	1	50	50	60.3	7.00
<i>Southern.</i>																						
Galle	39,936	42,725	50	43	93	62	58	120	5	6	17	103	25.70	25.24	28.46	27.87	30.15	19	204	181	79.4	9.33
Ambalangoda	—	4,718	5	6	11	2	4	6	1	1	—	6	27.53	24.21	15.01	—	—	1	91	96	—	6.52
Matara	13,851	17,804d	11	21	32	17	26	43	1	—	8	35	21.22	32.26	23.21	22.73	23.27	5	156	122	—	—
Weligama	8,672	9,814	7	6	13	5	5	10	—	—	—	9	15.64	31.32	10.83	9.75	23.19	1	77	44	—	—
Hambantota	3,092	3,346	13	5	18	4	2	6	—	—	1	5	63.51	47.93	17.64	19.73	43.91	3	167	347	81.4	1.20
Tangalla	3,505	6,443d	14	6	20	6	3	9	—	—	1	8	36.65	29.25	14.66	14.98	24.23	4	200	268	—	3.38
<i>Northern.</i>																						
Jafna	40,441	47,694	66	59	125	58	56	114	2	3	8	105	30.94	33.76	25.99	26.55	33.91	31	248	264	82.2	14.22
Mannar	3,777	4,243	1	5	6	4	3	7	1	1	2	5	16.70	35.60	13.91	15.32	44.57	1	167	80	83.0	3.37
Mullattivu	1,392	1,475	2	3	5	2	2	4	—	—	2	2	40.01	32.03	16.01	21.22	50.06	—	—	—	—	5.63
Vavuniya	808	1,126	—	3	3	1	2	3	—	—	—	1	31.44	23.26	10.48	14.23	51.61	1	333	787	—	7.55
<i>Eastern.</i>																						
Batticaloa	10,671	11,367	29	23	52	15	14	29	1	2	2	27	54.01	40.88	28.04	27.66	35.42	9	173	233	91.8	5.37
Kalmunai	—	2,146	2	4	6	4	4	8	—	—	3	5	33.01	68.16	27.50	—	—	2	333	241	—	4.90
Tincomalee	8,840	11,449	14	16	30	8	16	24	1	2	—	24	30.94	31.10	24.75	27.17	38.58	9	300	358	84.2	2.17
<i>North-Western.</i>																						
Kurunegala	8,167	10,164	22	16	38	24	22	46	3	3	34	12	44.14	27.09	13.94	14.32	38.55	11	289	464	80.0	14.83
Puttalam	5,990	6,939	12	5	17	11	11	22	1	2	5	17	28.92	30.34	28.92	30.94	32.19	3	176	157	80.7	5.60
Kapitiya	1,591	1,703	—	—	—	—	3	5	—	—	—	5	48.53	21.33	34.67	—	—	1	143	179	—	3.80
Chilaw	5,033	6,393d	5	7	12	11	3	14	1	2	6	8	22.16	28.43	14.77	14.16	34.08	1	83	70	—	9.31
<i>North-Central.</i>																						
Anuradhapura	5,361	7,643	10	13	23	26	15	41	2	1	9	32	35.53	24.69	48.31	59.19	41.64	9	391	506	80.8	6.06
<i>Uva.</i>																						
Badulla	6,487	7,429d	12	15	27	22	16	38	—	—	21	17	42.91	40.20	27.02	29.81	44.78	5	185	222	75.7	7.98
Lunugala	515	643	—	1	1	19	22	41	—	—	35	5	18.37	44.96	91.84	—	—	1	—	590	—	10.90
<i>Sabaragamuwa.</i>																						
Reinapure	5,476	7,713d	17	9	26	16	8	24	—	—	11	12	39.80	24.58	18.37	20.82	39.24	7	269	344	80.9	14.21
Kegalla	2,536	2,734	5	7	12	4	5	9	—	—	5	4	51.83	25.97	17.28	15.84	25.61	2	167	217	—	17.56

a 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.  
 b Blanks indicate that there are no observatories or rain gauges.  
 c This increase of population is due partly to the extension of the town limits.  
 d Estimated to the end of December, 1919, by natural increase method.  
 e Estimated to the end of December, 1919, by natural increase method.  
 f Standardized death-rates for Kapitiya and Lunugala towns are not available, as the population of these towns has not been enumerated at the Census of 1911 by age and sex, while the town of Kalmunai was created a registration division only in January, 1914, and Ambalangoda in January, 1915.  
 The death-rates given for "All Towns" are, therefore, independent of the towns, but are scarcely affected by their rates.





Table III.—Number of Births and Deaths registered during the Month of October, 1920, 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 October, 1910 to 1919, in each Ward of the City of Colombo.

Wards.	Population (inclusive of Military) at the Census of 1911.	Population estimated to middle of 1920 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.		Males.		Females.		Males.		Females.		Males.		Females.		Number registered during Oct., 1920.	Its proportion to 1000 births registered during Oct., 1920.	
				Persons.		Persons.		Persons.		Persons.		Persons.		Persons.		Persons.		Persons.			
City of Colombo ..	219,557	295,292	331	308	639	46	29	75	345	261	606	64	542	25.55	22.47	21.67	25.07	25.14	138	216	238
Fort and Galle Face	3,512	3,512†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pettah ..	7,974	7,974†	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
San Sebastian ..	11,546	14,075	13	14	27	—	1	1	8	6	14	—	14	22.64	17.73	11.74	22.43	—	3	111	156
St. Paul's ..	24,735	29,799	15	25	40	1	1	2	37	22	59	—	59	15.84	16.18	23.37	19.01	—	18	450	483
Kotahena ..	40,771	49,143	53	66	119	6	4	10	46	38	84	—	84	28.59	21.36	20.18	23.23	—	20	168	188
New Bazaar ..	22,309	28,040	27	26	53	3	2	5	20	22	42	—	42	22.31	22.38	17.68	22.87	—	17	321	374
Maradana Hospitals	48,093	73,894	55	47	102	21	11	32	88	72	160	54	106	—	—	—	—	—	9	—	—
Maradana (exclusive of Hospitals) ..	21,984	28,078	79	64	143	4	6	10	47	37	84	1	83	22.84	17.50	13.26	20.09	—	27	189	257
Slave Island ..	26,410	42,092	24	10	34	7	2	9	29	30	59	—	59	22.19	20.41	24.80	22.16	—	19	352	377
Kollupitiya ..	13,223	18,685	36	28	64	1	1	2	12	16	28	5	23	9.54	12.18	6.45	10.87	—	8	235	259
Wellawatta ..	—	—	—	—	—	3	1	4	45	17	62	4	58	40.44	31.39§	36.64	34.67§	—	15	234	283

\* The city-rate is worked differently from the ward-rates, and takes into account events in hospitals, &c., not assignable to wards.  
 † For explanation of "standardized death-rate," see note a, 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.  
 ‡ The population of these two wards being a fluctuating one, their population cannot be estimated to the middle of 1920. Hence the Census figures are retained.  
 § Average for the months of October, 1912-1919.

Table IV.—Causes of Deaths registered during the Month of October, 1920, in each Ward and of each Race in the City of Colombo.

Causes of Death.	Wards.												Deaths among all Races.						
	City of Colombo.	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.	Tamils.	Moors.	Malays.	Others.
All Causes ..	606	2	12	14	59	84	42	160	84	59	28	62	5	25	305	124	96	27	24
<b>I.—Infantile Mortality</b> ..	138	—	2	3	18	20	17	9	27	19	8	15	—	5	59	28	30	12	4
<i>A.—One Week and under.</i>																			
1. Prematurity ..	2	—	—	—	—	—	—	—	—	1	—	1	—	1	—	1	—	—	—
2. Debility ..	18	—	—	—	1	2	1	5	5	2	1	1	—	—	3	3	4	3	—
3. Convulsions ..	15	—	—	—	2	3	6	—	1	1	1	—	—	—	5	3	5	2	—
4. Diarrhoea ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4a. Enteritis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Tetanus ..	2	—	—	—	—	1	—	—	—	1	—	—	—	—	1	—	—	1	—
6. Bronchitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Pneumonia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Other Causes ..	3*	—	—	—	—	—	—	2	—	—	—	1	—	—	2	—	1	—	—
<i>B.—Over 1 Week and under 1 Year.</i>																			
1. Prematurity ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Debility ..	20	—	—	—	—	5	1	—	6	5	1	2	—	—	11	2	4	2	1
3. Convulsions ..	36	—	1	2	8	—	5	—	12	2	3	3	—	2	13	8	11	—	2
4. Diarrhoea ..	3	—	—	1	—	1	—	—	—	—	—	1	—	—	2	1	—	—	—
4a. Enteritis ..	7	—	—	—	—	2	—	—	2	—	—	1	—	—	4	—	—	3	—
5. Tetanus ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Bronchitis ..	4	—	—	—	2	—	—	—	—	2	—	—	—	—	—	2	1	1	—
7. Pneumonia ..	13	—	1	—	2	3	1	1	1	2	1	1	—	—	7	5	1	—	—
8. Other Causes ..	15†	—	—	—	3	3	3	1	—	1	1	3	—	2	6	3	3	—	1
<b>II.—General Mortality (1 Year and over)</b> ..	468	2	10	11	41	64	25	151	57	40	20	47	5	20	246	96	66	15	20
1. Plague ..	27	—	2	1	3	—	—	3	—	—	—	18	—	—	9	11	6	—	1
2. Smallpox ..	3	—	—	—	—	—	—	—	—	—	—	3	—	—	3	—	—	—	—
3. Chickenpox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Measles ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Influenza ..	16	—	4	2	6	2	1	—	1	—	—	—	—	—	3	5	7	—	1
6. Pyrexia or Fever ..	3	—	—	—	—	—	1	—	1	1	—	—	—	—	—	—	3	—	—
7. Enteric Fever..	33	—	—	1	3	4	—	15	2	2	1	5	1	1	18	7	1	1	4
8. Malaria ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9. Malarial Cachexia	2	—	—	—	—	—	—	—	2	—	—	—	—	—	1	1	—	—	—
10. Cholera ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. Diarrhoea ..	17	—	—	—	2	6	—	7	—	—	—	2	—	—	10	4	3	—	—
11a. Enteritis ..	14	—	1	—	—	1	2	6	1	3	—	—	—	—	8	4	2	—	—
12. Dysentery ..	18	—	—	—	1	2	—	5	4	3	3	—	1	—	12	3	2	—	—
13. Anchylostomiasis or Dochmius Duodenalis ..	13	—	—	—	—	—	—	12	—	—	1	—	—	—	8	3	—	—	2
14. Cancer ..	9	—	—	2	1	1	1	3	—	—	—	1	—	2	4	1	2	—	—
15. Phthisis ..	52	—	—	—	1	13	5	22	4	3	2	2	1	2	28	6	9	1	5
16. Other Tuberculous Diseases	3	—	—	—	—	—	—	1	1	1	—	—	—	—	1	1	1	—	—
17. Anæmia ..	1	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	—	—
18. Diabetes Mellitus	5	—	—	—	1	1	—	1	1	1	—	—	—	—	3	2	—	—	—
19. Convulsions ..	10	—	—	1	2	2	—	1	3	1	—	—	—	—	6	2	1	1	—
20. Tetanus ..	3	—	—	—	—	—	—	2	1	—	—	—	—	—	—	1	1	—	1
21. Bronchitis ..	4	—	—	1	—	2	1	—	—	—	—	—	—	—	1	1	1	1	—
22. Pneumonia ..	38	—	1	—	3	6	2	14	2	4	—	6	—	3	21	8	4	—	2
23. Other Diseases of the Respiratory System	8	—	—	1	2	1	—	3	1	—	—	—	—	—	5	2	1	—	—
24. Bright's Disease and Nephritis	16	—	—	—	1	2	1	5	3	3	1	—	—	1	8	3	2	1	1
25. Puerperal Eclampsia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26. Puerperal Septicæmia	4	—	—	—	—	1	1	2	—	—	—	—	—	—	2	—	2	—	—
27. Miscarriage ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28. Other undefined Accidents of Childbirth ..	7	—	—	1	1	—	1	4	—	—	—	—	—	1	3	3	—	—	—
29. Starvation ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30. Accidents or Negligence	12	1	—	—	—	1	—	7	—	—	2	1	—	—	6	3	2	—	1
31. Homicide ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
32. Suicide ..	2	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
33. Execution ..	2	—	—	—	—	1	—	—	—	—	—	—	1	1	—	—	—	—	—
34. All Other Causes	145†	—	2	1	14	18	8	38	28	18	10	8	1	9	82	25	16	10	2

\* From Atelectasis and 1 from Hæmorrhage.

† Three each from Syphilis and Worms, 2 each from Thrush and Nephritis, and 1 each from Cleft Palate, Influenza, Acute Orchitis, Gastritis, and Meningitis.

‡ Here are included 46 deaths from Old Age, 11 from Worms, 10 from Marasmus, 9 from Debility, 6 from Paralysis, and 4 from Rickets.