

SUPPLEMENT
TO THE
Ceylon Government Gazette
PART I.

No. 7,127 — FRIDAY, SEPTEMBER 10, 1920.

**VITAL STATISTICS OF TOWNS IN CEYLON IN THE
MONTH OF JULY, 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 1,614 (843 males and 771 females), and was equivalent to an annual rate of 28·67 per 1,000, against 27·53 in the preceding month, 17·71 in the corresponding month of last year, and 24·19 the average for the corresponding months since 1910. The rate ranged from 10·48 in Vavuniya to 77·01 in Kalmunai.

3. In the city of Colombo the births registered numbered 629 (326 males and 303 females), and were equivalent to an annual rate of 25·15 per 1,000, against 22·68 in the preceding month, 13·55 in the corresponding month of last year, and 19·19 the average for the corresponding months since 1910. The rate ranged from 5·89 in Kollupitiya to 33·49 in Wellawatta.

Deaths.

4. The total deaths registered during the month numbered 1,986 (1,100 males and 886 females). There were 1,501 deaths of residents in towns, equivalent to an annual rate of 29·06 per 1,000, against 27·79 in the preceding month, 32·43 in the corresponding month of last year, and 29·54 the average for the month of July in each year since 1910. The rate ranged from 113·96 in Vavuniya to 6·94 in Ratnapura.

5. In the city of Colombo the deaths numbered 720 (406 males and 314 females). There were 617 deaths of residents, equivalent to an annual rate of 28·62 per 1,000, against 26·27 in the preceding month, 25·04 in the corresponding month of last year, and 28·45 the average for the month of July in each year since 1910. The rate ranged from 34·12 in Wellawatta to 11·22 in Kollupitiya.

6. The stillbirths registered numbered 91 (47 males and 44 females), against 76 in the preceding month.

Infant Mortality.

7. The mortality of infants under one year of age was equal to a rate of 251 per 1,000 births registered during the twelve months ended July 31, 1920. Reckoned on the births registered during the month only the rate was 226, against 241 in the preceding month, 353 in the corresponding month of last year, and 283 the average for the corresponding months since 1910.

8. In the city of Colombo the mortality of infants was equal to a rate of 267 per 1,000 births registered during the twelve months ended July 31, 1920. Reckoned on the births registered during the month only the rate was 229, against 259 in the preceding month, 413 in the corresponding month of last year, and 352 the average for the corresponding months since 1910.

Causes of Death.

9. The highest mortality was from *Pneumonia*, to which 14 per cent. of the total deaths was due, 8 per cent. each was due to *Convulsions* and *Debility*, 6 per cent. each to *Dysentery* and *Anchylostomiasis*, 5 per cent. to *Diarrhœa*, 4 per cent. each to *Influenza*, *Phthisis*, and *Enteritis*, 3 per cent. each to *Enteric fever*, *Bright's Disease* and *Nephritis*, and *Malaria* and *Malarial Cachexia*, 2 per cent. each to *Bronchitis* and *Plague*, and 1 per cent. to *Prematurity*.

10. In the city of Colombo too the highest mortality was from *Pneumonia*, to which 18 per cent. of the total deaths was due, 8 per cent. each was due to *Convulsions* and *Influenza*, 7 per cent. to *Phthisis*, 6 per cent. to *Debility*, 4 per cent. each to *Enteritis* and *Dysentery*, 3 per cent. each to *Enteric Fever* and *Bronchitis*, and 2 per cent. each to *Bright's Disease* and *Nephritis*, *Anchylostomiasis*, *Diarrhœa*, and *Plague*.

11. Of the Forty-one deaths registered from *Plague* 30 were in Kandy and 11 in Colombo, as against 11 in the preceding month.

12. *Infectious Diseases reported.*—The infectious disease most prevalent during the month was *Enteric Fever*, of which 124 cases were reported (75 in Colombo, 25 in Galle, 6 in Moratuwa). *Phthisis* followed with 105 cases (96 in Colombo), *Measles* 62 (31 in Colombo, 16 in Ratnapura), *Continued Fever* 44 (20 in Colombo, 13 in Galle, 8 in Moratuwa), *Plague* 41 (29 in Kandy and 12 in Colombo), *Chickenpox* 28 (14 in Colombo, 10 in Kandy), *Dysentery* 6 (in Kurunegala), *Diphtheria* 3 (1 each in Colombo, Moratuwa, and Galle), *Whooping Cough* 2 (1 each in Colombo and Mannar), and *Mumps* 1 (in Kandy).

Meteorology.

13. *Rainfall.*—Hatton recorded the highest rainfall (33·03 inches), followed by Nawalapitiya (29·96 inches). In the other towns the rainfall ranged from 15·34 inches in Nuwara Eliya to 0·24 of an inch in Chilaw. Colombo recorded 2·54 inches.

14. *Temperature.*—The mean temperature varied from 59·1° in Nuwara Eliya to 85·8° in Trincomalee, and was 80·7° 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, August 18, 1920.

N. W. MORGAPPAH,
Acting Registrar-General.

Table I.—Number of Births and Deaths registered during July, 1920, 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 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 the Intercensal Increase.		Total Births.		Total Deaths.		Focal Stillbirths.			Deaths of Town Residents.		Birth-rate.			Death-rate excluding non-residents.			Mortality of Children under One Year			Mean Temperature.	Rainfall in Inches.
		Males.	Females.	Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Crude, July, 1920.	Average Birth-rate for July, 1910-1919.	Average Death-rate for July, 1910-1919.	Number registered during July, 1920.	Its proportion to 1000 births registered during the year ended the last day of July, 1920.	Its proportion per annum to 1000 births registered during the year ended the last day of July, 1920.		
All Towns ..	517,877	664,677	843,771	1,614	1,100	886	1,986	91	481	1,501	28.67	24.19	26.66	29.06	29.54	365	226	251	80.7	2.54			
<i>Western.</i>																							
Colombo ..	219,557	295,292	326,303	639	406	314	720	38	101	617	25.15	19.19	24.67	28.62	28.45	144	229	267	80.7	2.54			
Negombo ..	13,045	27,387 ^c	57,477	104	45	38	83	2	12	71	44.83	30.53	30.61	32.01	25.93	15	144	198	—	0.29			
Moratuwa ..	27,256	31,374	47,571	104	53	58	111	3	6	105	39.14	35.16	39.51	43.58	34.97	38	365	369	—	—			
Kalutara ..	13,005	14,563	27,174	44	19	25	44	—	8	36	35.67	25.18	29.19	29.00	25.04	6	136	163	—	5.26			
Panadura ..	6,709	8,256	5	10	15	9	17	—	6	11	21.45	14.95	15.73	18.72	20.40	5	333	341	—	—			
<i>Central.</i>																							
Kandy ..	30,149	33,616	39	49	88	72	119	2	24	95	30.91	26.76	33.37	36.37	31.38	17	193	196	74.6	7.37			
Gampola ..	5,421	7,839	8	10	18	18	31	—	14	16	27.11	28.24	24.10	25.01	26.02	5	278	277	—	9.75			
Nawalapitiya ..	3,767	4,097	4	12	8	8	14	—	11	3	34.58	22.06	8.65	9.40	33.31	1	83	109	—	29.96			
Hattion and Dikoya ..	3,025	3,206	2	4	6	20	16	1	31	5	22.10	21.60	18.41	21.56	30.17	5	833	597	—	33.03			
Matale ..	5,792	8,200 ^d	12	13	25	18	21	3	25	14	36.00	33.66	20.16	23.16	36.47	4	160	163	—	4.33			
Nuwara Eliya ..	14,910	15,136 ^e	10	5	15	10	14	—	3	11	11.70	14.09	8.58	9.78	13.31	4	267	194	59.1	15.34			
<i>Southern.</i>																							
Galle ..	39,936	42,725	68	43	111	75	146	2	33	113	39.67	23.07	31.23	30.57	25.40	22	198	101	79.2	4.73			
Ambalangoda ..	13,851	17,804 ^d	16	16	32	27	31	3	20	38	21.22	28.10	25.20	24.68	19.86	5	156	119	—	3.26			
Welligama ..	8,672	9,814	15	14	29	14	12	—	—	26	34.89	33.14	31.28	20.54	20.54	7	241	313	—	—			
Hambantota ..	3,092	3,349	8	6	14	4	5	—	2	7	49.40	39.70	24.70	27.62	111.02	1	71	137	88.6	0.41			
Tangalle ..	3,505	6,443 ^d	9	7	16	3	4	—	3	4	29.32	38.37	7.33	7.49	34.96	1	63	74	—	2.02			
<i>Northern.</i>																							
Jaffna ..	40,441	47,694	67	59	126	74	122	4	15	106	31.19	30.39	26.24	26.81	29.29	31	246	261	84.2	0.00			
Mannar ..	3,777	4,243	10	9	19	18	4	—	2	14	52.87	39.49	38.96	42.89	38.63	6	316	502	—	—			
Mullaitivu ..	1,392	1,475	2	3	5	3	7	—	8	5	40.01	36.13	40.01	53.05	41.78	1	200	358	—	0.53			
Vavuniya ..	808	1,126	—	1	1	9	12	—	4	8	10.48	21.91	83.85	113.96	35.14	—	—	—	—	—			
<i>Eastern.</i>																							
Batticaloa ..	10,671	11,367	16	18	34	16	23	1	3	36	35.32	37.40	37.39	36.88	39.51	9	295	238	85.7	0.80			
Kalmunai ..	—	2,146	11	3	14	8	11	—	—	9	77.01	48.22	49.51	—	—	3	214	347	—	0.50			
Trincomalee ..	8,840	11,449	20	11	31	17	33	—	—	33	31.97	28.90	34.03	37.35	29.14	6	194	261	—	0.07			
<i>North-Western.</i>																							
Kurunegala ..	8,167	10,164	12	5	17	34	24	—	35	23	19.75	25.09	26.72	27.45	34.37	9	529	439	80.3	1.51			
Puhalam ..	5,990	6,939	4	9	13	12	11	—	5	18	22.12	25.12	30.63	32.76	30.83	5	355	289	81.4	—			
Kalpitiya ..	1,691	1,703	4	5	9	2	3	—	—	3	62.40	25.49	20.80	—	—	1	111	171	—	—			
Chilaw ..	5,033	6,393 ^d	6	8	14	12	6	—	6	12	25.85	25.16	22.16	21.24	23.73	2	143	149	—	0.24			
<i>North-Central.</i>																							
Anuradhapura ..	5,361	7,643	8	10	18	19	16	—	7	28	27.81	22.27	43.25	53.00	55.47	6	278	332	82.0	—			
<i>Uva.</i>																							
Badulla ..	6,487	7,429 ^d	6	10	16	20	13	—	22	11	25.43	30.53	17.48	19.29	29.75	4	250	193	74.8	0.96			
Lunugala ..	515	643	—	1	1	22	15	—	36	1	18.37	38.66	18.37	—	—	1	—	590	—	—	0.49		
<i>Sabaragamuwa.</i>																							
Ratnapura ..	5,476	7,713 ^d	8	9	17	17	13	—	26	4	26.02	21.66	6.12	6.94	43.50	1	59	55	80.4	11.59			
Kegalle ..	2,536	2,734	3	2	5	17	5	—	11	6	21.59	28.55	25.91	23.77	26.19	—	—	—	—	—	4.49		

^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 Includes population of the Negombo Local Board and registration area.
^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 Standardized death-rates for Kalpitiya 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 July, 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 July, 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.			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 July, 1920.	Its proportion to 1000 births registered during July, 1920.	Its proportion to 1000 births registered during the year ended last day of July, 1920.	
			Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Average for July, 1910 to 1919.		Average for July, 1910 to 1919.												
			July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.			July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.	July, 1920.
City of Colombo ..	219,557	295,292	326	303	629	17	21	38	406	314	720	103	617	25.15	19.19	24.67	24.90	28.62	144	229	267					
Fort and Galle Face	3,512	3,512†	—	—	—	—	—	—	5	—	5	2	3	—	1.86	10.09	9.39	—	—	—	—	—	—	—		
Pettah ..	7,974	7,974†	2	4	6	1	2	3	9	1	10	—	10	8.88	4.43	14.81	9.37	—	—	—	—	—	—	—		
San Sebastian ..	11,540	14,075	13	7	20	—	1	1	14	12	26	—	26	16.78	19.07	21.81	24.32	—	—	—	5	250	231			
St. Paul's ..	24,735	29,799	18	14	32	1	1	2	21	21	42	—	42	12.68	12.40	16.64	19.25	—	—	—	8	250	230			
Kotahena ..	40,771	49,143	53	56	109	1	2	3	57	61	118	—	118	26.19	18.49	28.35	21.22	—	—	—	24	220	255			
New Bazaar ..	22,309	28,040	30	27	57	—	1	1	30	21	51	—	51	24.00	18.25	21.47	24.50	—	—	—	13	228	297			
Maradana Hospitals			73	88	161	8	10	18	113	76	189	87	102	—	—	—	—	—	—	—	11	—	—	—		
Maradana (exclusive of Hospitals) ..	48,093	73,894	70	48	118	3	2	5	65	55	120	3	117	18.85	16.23	18.69	22.42	—	—	—	34	288	375			
Slave Island ..	21,984	28,078	24	28	52	1	1	2	32	22	54	—	54	21.87	18.48	22.71	21.48	—	—	—	19	365	387			
Kollupitiya ..	25,410	42,092	12	9	21	1	1	2	27	24	51	11	40	5.89	10.44	11.22	12.19	—	—	—	13	619	439			
Wellawatte ..	13,223	18,685	31	22	53	1	—	1	33	21	54	—	51	33.49	26.36§	34.12	28.33§	—	—	—	17	321	353			

* 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 July, 1912-1919.

Table IV.—Causes of Deaths registered during the Month of July, 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.	Maredana Hospitals.	Maredana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wellawatta.	Europeans.	Burghers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.
All Causes ..	720	5	10	26	42	118	51	189	120	54	51	54	2	42	388	153	102	16	17
I.—Infantile Mortality ..	144	—	—	5	8	24	13	11	34	19	13	17	—	11	69	32	28	3	1
<i>A.—One Week and under.</i>																			
1. Prematurity ..	2	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—
2. Debility ..	15	—	—	—	—	5	—	4	2	2	1	1	—	—	9	4	2	—	—
3. Convulsions ..	11	—	—	—	2	4	2	—	2	1	—	—	—	—	1	6	3	1	—
4. Diarrhoea ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4a. Enteritis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Tetanus ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Bronchitis ..	2	—	—	—	—	—	—	—	—	1	1	—	—	—	—	1	1	—	—
7. Pneumonia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Other Causes ..	2*	—	—	—	—	—	—	1	1	—	—	—	—	1	—	—	—	—	—
<i>B.—Over 1 Week and under 1 Year.</i>																			
1. Prematurity ..	1	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	—	—
2. Debility ..	17	—	—	—	—	4	1	—	7	2	—	3	—	—	9	3	4	—	—
3. Convulsions ..	35	—	—	1	3	4	6	—	10	5	4	2	—	1	18	8	8	1	—
4. Diarrhoea ..	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—
4a. Enteritis ..	14	—	—	2	—	3	—	—	2	3	2	2	—	3	9	—	2	—	—
5. Tetanus ..	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—
6. Bronchitis ..	7	—	—	1	1	—	—	—	1	2	—	2	—	1	3	1	1	—	1
7. Pneumonia ..	22	—	—	1	2	2	2	2	5	2	4	2	—	4	9	3	5	—	—
8. Other Causes ..	14†	—	—	—	—	2	1	4	3	1	1	2	—	1	10	1	2	—	—
II.—General Mortality (1 Year and over) ..	576	5	10	21	34	94	38	178	86	35	38	37	2	31	319	121	74	13	16
1. Plague ..	11	—	1	—	2	1	1	—	1	—	—	5	—	—	1	7	3	—	—
2. Smallpox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Chickenpox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Measles ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Influenza ..	56	—	4	3	10	7	8	3	13	1	4	3	—	2	29	17	6	—	2
6. Pyrexia or Fever ..	5	—	—	—	1	1	—	—	3	—	—	—	—	—	2	1	2	—	—
7. Enteric Fever ..	24	—	—	1	—	3	5	14	—	1	—	—	—	1	18	2	1	—	2
8. Malaria ..	3	—	—	1	—	1	—	—	1	—	—	—	—	—	1	—	1	—	—
9. Malarial Cachexia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. Cholera ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. Diarrhoea ..	11	—	—	—	1	6	1	—	—	—	—	3	—	2	6	2	1	—	—
11a. Enteritis ..	16	—	—	2	—	1	—	6	1	1	4	—	—	2	9	4	1	—	—
12. Dysentery ..	28	—	—	—	1	6	—	4	6	1	8	2	—	2	19	3	4	—	—
13. Anchylostomiasis or Doehmius Duodenalis ..	14	—	—	—	—	—	—	11	1	—	2	—	—	—	8	5	1	—	—
14. Cancer ..	5	—	—	—	—	1	1	2	—	—	—	—	—	—	4	—	—	—	—
15. Phthisis ..	49	—	3	—	3	7	2	23	2	3	4	2	—	2	29	8	6	—	3
16. Other Tuberculous Diseases ..	2	—	—	—	—	1	—	—	1	—	—	—	—	1	—	1	—	—	—
17. Anæmia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. Diabetes Mellitus ..	5	—	—	1	—	—	1	2	—	—	—	1	—	1	1	1	2	—	—
19. Convulsions ..	16	—	1	2	—	2	2	—	5	3	1	—	—	—	8	5	3	—	—
20. Tetanus ..	4	—	—	—	—	1	—	2	—	1	—	—	—	—	1	—	—	—	—
21. Bronchitis ..	10	—	—	1	1	3	—	3	2	—	—	—	—	1	5	2	2	—	—
22. Pneumonia ..	107	—	1	4	6	17	5	43	13	10	3	5	—	9	57	26	9	3	3
23. Other Diseases of the Respiratory System ..	8	—	—	—	—	—	—	3	1	1	1	2	—	—	5	—	3	—	—
24. Bright's Disease and Nephritis ..	16	—	—	1	—	—	2	8	2	1	—	—	—	1	9	1	2	—	3
25. Puerperal Eclampsia ..	2	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	1	—	—
26. Puerperal Septicæmia ..	6	—	—	—	—	1	—	3	—	—	—	2	—	—	3	3	—	—	—
27. Miscarriage ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28. Other undefined Accidents of Childbirth ..	1	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—
29. Starvation ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30. Accidents or Negligence ..	11	2	—	—	—	3	—	4	1	1	—	—	—	—	4	4	2	—	1
31. Homicide ..	1	—	—	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—
32. Suicide ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33. Execution ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34. All Other Causes ..	165‡	3	—	5	9	32	9	46	32	11	14	4	2	7	97	28	21	5	5

* One each from Atelectasis and Worms.

† Three deaths from Syphilis, 2 each from Thrush and Worms, and 1 each from Gastritis, Rickets, Jaundice, Phthisis, Colitis, Malaria, and Influenza.

‡ Here are included 42 deaths from Old Age, 14 from Marasmus, 12 each from Paralysis, Worms, and Debility, 8 from Heart Disease, and 5 from Rickets.