

# SUPPLEMENT

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## VITAL STATISTICS OF CEYLON.

### REPORT OF THE REGISTRAR-GENERAL OF MARRIAGES, BIRTHS, AND DEATHS FOR THE FIRST QUARTER OF 1921.

THE sixth decennial Census of the population of Ceylon was taken on the night of March 18, 1921. Some of the results have been published provisionally by the Superintendent, Mr. L. J. B. Turner, C.C.S., and an endeavour has been made to utilize those results in revising, as far as possible, the estimates of the population and the rates of births and deaths in the various tables appended to this report. The delay in the publication of the report was unavoidable in the circumstances.

#### I.—Population.

The total population of the Island, excluding the military and the shipping, as enumerated at the Census on March 18, 1921, was 4,497,886, of whom 2,381,072 were males and 2,116,814 were females.

2. *Indian Coolies.*—The number of arrivals of Indian coolies in the Island during the quarter was 2,536 and the departures amounted to 9,306, as against 11,848 and 15,961 respectively the averages for the first quarters of the past decade. During the quarter 18,240 miscellaneous passengers were reported as having come into the Island from India and 32,499 as having left the Island for India.

#### II.—Marriages.

3. The marriages registered during the quarter numbered 5,412 (4,029 General and 1,383 Kandyan), as against 5,995 in the previous quarter, 4,681 in the first quarter of 1920, and 5,554 the average for the first quarters of the ten years 1911–1920. Table I. in the Appendix shows the number of marriages registered during the quarter by Provinces and Districts.

#### III.—Births.

4. The number of births registered during the quarter was 48,993, 24,861 of them being males and 24,132 females. The increase over the previous quarter was 7,286. The total number of births for the quarter yields a rate of 44·0 per 1,000 of the estimated population, as against 36·9 in the previous quarter and 43·3 the average for the first quarters of the two years 1919 and 1920. The average for the first quarters of the decade 1909–1918 was 42·3. The highest birth-rate during the quarter was recorded in Hambantota District, viz., 62·6. The next highest rates were 54·7 in Anuradhapura District and 53·1 in Kurunegala District. The lowest was 34·9 in Jaffna District. The births registered on the estates numbered 5,594, corresponding to a rate of 40·3 per 1,000 of the estate population at the Census of 1921, as against 36·2 in the previous quarter. The rate ranged from 47·0 per 1,000 persons on the estates of Nuwara Eliya District to 18·3 on the estates of Matara. In the principal towns 5,007 births were registered, and the equivalent rate was 35·1 per 1,000 of the urban population at the last Census. The urban birth-rate for the previous quarter was 30·6, and the average for the first quarters of the decade 1911–1920 was 30·7. Moratuwa recorded the highest rate, viz., 59·5, and was followed by Hambantota 54·1 and Puttalam 52·9. In the other towns the rate varied between 51·9 in Chilaw and 19·3, in Hatton and Dikoya. In the city of Colombo the births registered amounted to 1,702 and corresponded to a rate of 28·3 per 1,000 persons, as against 26·8 in the previous quarter and 25·7 the average for the first quarters of the decade 1911–1920. Detailed statistics will be found in Tables I.–V.

During the quarter there were registered the births of 410 twins, as against 398 twins and 9 triplets in the previous quarter.

#### IV.—Deaths.

5. The deaths of 41,970 persons, 21,294 males and 20,676 females, were registered during the quarter, showing an increase of no less than 11,791 deaths over the last quarter of 1920. The total number of deaths was equal to a rate of 37·7 per 1,000 of the estimated population, as against 26·7 in the previous quarter and 45·2 the average for the first quarters of the two years 1919 and 1920. The average rate for the first quarters of the decade 1909–1918 was 32·6. The mortality rate in each district of the Island was higher than in the previous quarter, the districts of Anuradhapura and Hambantota, in particular, recording as high rates as 82·0 and 81·3, against 48·7 and 29·4 respectively in the previous quarter. In Mannar District too the mortality rate was very high, 66·4 per 1,000 persons. The lowest mortality rate was 26·7 in Kalutara District, which was followed by Negombo and Kegalla Districts (27·5 in each). The other districts in which comparatively low death-rates were recorded were Chilaw, 28·8, and Colombo, 29·1. On the estates there were registered 5,378 deaths during the quarter. The corresponding rate was 38·8 as against 29·7 in the previous quarter and 47·1 the average for the first quarters of the years 1919 and 1920. The highest death-rate on estates was 54·5 in Badulla, the next highest being 53·4 in Kurunegala. The estates in the Colombo District recorded the lowest rate, viz., 18·3. In the principal towns the deaths of 7,138 persons were registered. Of these, 5,510 were deaths of residents equivalent

to a standardized rate of 42.1 per 1,000 of the urban population at the last Census, as against 29.1 in the previous quarter and 31.7 the average for the first quarters of the decade 1911-1920. Excluding Vavuniya and Lunugala towns (whose population was below 1,000 at the last Census) the highest death-rate was in Anuradhapura, 149.4. Kalpitiya and Mullaattivu came next with 73.7 and 72.2. The lowest rate was 19.3 in Hatton and Dikoya. In the city of Colombo the deaths of 2,315 persons were registered, of whom 2,029 were residents of the town. The standardized death-rate was 39.1, as against 29.5 in the previous quarter and 28.1 the average. The number of stillbirths registered in the 33 principal towns was 361 (206 males and 155 females), as against 376 in the previous quarter. Tables I.-V. give detailed statistics.

#### V.—Infant Mortality.

6. The deaths of infants under one year of age registered during the quarter numbered 10,284, and was equal to about 25 per cent. of the total deaths. The mortality rate of infants calculated per 1,000 births registered during the year ended the last day of the quarter under review was 249, as against 186 in the previous quarter and 234 in the first quarter of 1920. The deaths of Sinhalese infants was equal to a rate of 236 per 1,000 births registered, and ranged from a rate of 543 in Hambantota District to 134 in Kalutara District. In the Districts of Puttalam and Anuradhapura also the rates were exceedingly high, viz., 533 and 497. The mortality rate of Tamil infants was highest in Puttalam District, viz., 544. Mannar District came next with nearly as high a rate, 515. The lowest rate was 248 in Batticaloa District. The death-rate of Moor infants in Puttalam District was equal to 457 per 1,000 births, and in Batticaloa it was 160. On the estates 238 infants under one year died to every 1,000 births registered during the year ended March 31, 1921. The highest mortality was recorded on the estates of Kurunegala District, the rate being 389 per 1,000 births. The estates of Nuwara Eliya District followed with a rate of 308. On the estates of the Colombo District the rate was the lowest, being only 91 per 1,000 births. In the principal towns 1,399 deaths of children under one year were registered during the quarter, corresponding to a rate of 295 per 1,000 births, as against 269 in the previous quarter and 270 the average rate for the first quarters of the decade 1911-1920. Excluding Vavuniya and Lunugala towns, the highest rate was recorded in Anuradhapura, 811, Kalpitiya followed with a rate of 666, Jaffna, 427, and Hambantota, 399. In the other towns the rate ranged from 392 in Trincomalee to 101 in Ambalangoda. In the city of Colombo 540 infants under one year died during the quarter, and the equivalent rate per 1,000 births was 302, as against 291 in the previous quarter and 283 the average.

#### VI.—Causes of Deaths.

7. Of the 41,970 deaths registered during the quarter from all causes, Pyrexia, as usual, headed the list with 6,442 deaths or 15 per cent. of the total number. The deaths from both Influenza and Pneumonia (935 from the former and 1,918 from the latter) have increased during the quarter, as compared with the previous quarter. But compared with the deaths in the first quarter of 1920, the number shows a marked decline. The following statement shows the number of deaths registered from Influenza and Pneumonia in each district of the Island in the quarter under review, in the fourth quarter of 1920 and in the first quarter of the same year:—

	Influenza.			Pneumonia.		
	First Quarter. 1921.	Fourth Quarter. 1920.	First Quarter. 1920.	First Quarter. 1921.	Fourth Quarter. 1920.	First Quarter. 1920.
Colombo	141	107	243	336	243	370
Negombo	55	39	71	33	24	35
Kalutara	28	22	43	67	46	44
Kandy	160	66	249	267	152	317
Matale	13	8	26	78	58	78
Nuwara Eliya	48	25	87	122	121	196
Galle	138	79	129	36	34	39
Matara	20	41	16	14	9	25
Hambantota	27	29	17	30	8	9
Jaffna	97	86	205	243	190	282
Mannar	—	—	—	33	24	37
Mullaattivu	—	—	—	64	37	56
Batticaloa	23	40	13	107	91	124
Trincomalee	—	1	5	39	29	36
Kurunegala	39	25	33	70	62	43
Puttalam	—	—	—	38	19	86
Chilaw	2	—	4	31	17	32
Anuradhapura	28	18	13	79	37	43
Badulla	57	74	58	145	108	157
Ratnapura	35	13	50	45	42	50
Kegalla	24	14	16	41	39	63
CEYLON	935	687	1,278	1,918	1,390	2,122

Among the other causes which contributed to the mortality during the quarter were Convulsions (10 per cent.) Diarrhoea (9 per cent.), Diseases of Skin and Cellular Tissue (8 per cent.), Rickets (5 per cent.), Debility of Infants under 3 months, Senility, and Anæmia (4 per cent. each), Dysentery and Intestinal Parasites (3 per cent. each), Diseases or Accidents of Pregnancy and of Childbirth, Dropsy, Anchylostomiasis, Phthisis, and Malaria and Malarial Cachexia (2 per cent. each), and Premature Birth, Bright's Disease and Nephritis, and Acute Rheumatic Fever (1 per cent. each). The deaths registered from Plague during the quarter numbered 144 (136 in Colombo, 2 in Kalutara, 3 in Galle, 1 in Jaffna, and 2 in Mannar), as against 135 in the previous quarter and 49 in the first quarter of 1920. There were six deaths from Smallpox and one from Cholera. Detailed statistics will be found in Table VI.

#### 8. Deaths produced by external causes:—

(a) *Suicide*.—Sixty-eight deaths from suicide were registered, as against 44 in the previous quarter and 82 in the corresponding quarter of last year.

(b) *Homicide*.—Sixty-six deaths resulted from homicide, as against 65 in the previous quarter and 47 in the corresponding quarter of last year.

(c) *Executions*.—Ten deaths were attributed to execution or judicial hanging, as against 13 in the previous quarter and 6 in the corresponding quarter of last year.

(d) *Accidents*.—Of the 626 deaths attributed to accidents and other affections produced by external causes, 1 deaths were due to fall from trees, 136 to drowning (37 in wells, 6 in pits), and 70 to burns. Of the deaths from burns 9 were attributed to the bottle lamp. Sixty-two deaths were due to snake-bite, 25 to fall of heavy substances, and to injuries by animals. Accidents on the railway caused 10 deaths, 12 deaths resulted from being run over by motor and 5 by carts. Land slides caused 2 deaths.

9. *Causes of Death on Estates*.—The highest mortality on estates during the quarter was due to Debility (of infants under 3 months) which caused 13 per cent. of the total deaths. Dysentery and Pneumonia followed with 11 per cent. each, Anchylostomiasis 10 per cent., Diarrhoea 8 per cent., Infantile Convulsions 6 per cent., Debility (of persons over 3 months) 6 per cent., Senility 5 per cent., Bright's Disease and Nephritis, Enteritis, and Premature Birth 3 per cent. each and Diseases of Pregnancy or of Childbirth, Bronchitis, Phthisis, and Malaria and Malarial Cachexia 2 per cent. each. See Table VII. for detailed statistics.

10. *Causes of Death in the Towns*.—In the principal towns the cause which caused the highest death-rate = Pneumonia, to which 12 per cent. of the deaths were due, and Convulsions came next with 7 per cent. of the total deaths. Enteritis and Debility caused 6 per cent. each, Malaria and Malarial Cachexia, Dysentery, Diarrhoea and Phthisis 5 per cent. each, Bright's Disease and Nephritis 4 per cent., and Enteric Fever, Diseases or Accidents of Childbirth, Prematurity, and Bronchitis 2 per cent. each. For detailed statistics see Table VIII.

Registrar-General's Office,  
Colombo, October 21, 1921.

G. F. FORREST,  
Acting Registrar-General.

Table I.—Area, Estimated Population, and the Number of Marriages, Births, and Deaths registered in the First Quarter of 1921.

Province and District.	Area in Square Miles.	Estimated Population on January 1, 1921.*	Marriages.			Births.			Deaths.		
			Total.	General.	Kandyan.	Total.	Males.	Females.	Total.	Males.	Females.
Ceylon ..	25,481	4,511,153	5,412	4,029	1,383	48,993	24,861	24,132	41,970	21,294	20,676
Western ..	1,432	1,243,450	1,889	1,889	—	1,2517	6,365	6,152	8,652	4,552	4,100
Central ..	2,279	717,155	497	167	330	7,828	3,873	3,955	7,154	3,539	3,615
Southern ..	2,146½	670,653	933	933	—	7,980	4,054	3,926	7,229	3,517	3,712
Northern ..	3,519	375,453	362	362	—	3,293	1,702	1,591	4,072	2,045	2,027
Eastern ..	3,848½	192,465	65	63	2	1,902	977	925	1,505	787	718
North-Western ..	3,016	491,287	884	409	475	6,245	3,210	3,035	5,246	2,676	2,570
North-Central ..	4,068	97,067	150	25	125	1,309	624	685	1,963	1,016	947
Uva ..	3,271½	233,931	192	51	141	2,557	1,279	1,278	2,696	1,389	1,307
Sabaragamuwa ..	1,901	470,176	440	130	310	5,362	2,777	2,585	3,453	1,773	1,680
Western.											
Colombo ..	560½	741,219	1,071	1,071	—	7,004	3,528	3,476	5,310	2,870	2,440
Negombo ..	247½	179,740	335	335	—	2,075	1,080	995	1,221	633	588
Kalutara ..	623½	322,491	483	483	—	3,438	1,757	1,681	2,121	1,049	1,072
Central.											
Kandy ..	911	433,695	299	100	199	4,486	2,209	2,277	4,151	2,055	2,096
Matale ..	905½	116,743	124	25	99	1,464	724	740	1,618	811	807
Nuwara Eliya ..	462½	166,717	74	42	32	1,878	940	938	1,385	673	712
Southern.											
Galle ..	652½	312,905	463	463	—	3,266	1,663	1,603	2,976	1,420	1,556
Matare ..	481½	237,636	333	333	—	2,861	1,451	1,410	1,846	965	881
Hambantota ..	1,012½	120,112	137	137	—	1,853	940	913	2,407	1,132	1,275
Northern.											
Jaffna ..	1,147½	330,981	314	314	—	2,842	1,469	1,373	3,382	1,705	1,677
Mannar ..	904½	25,707	43	43	—	264	133	131	421	218	203
Mullaittivu ..	1,466½	18,765	5	5	—	187	100	87	269	122	147
Eastern.											
Batticaloa ..	2,800½	158,350	44	44	—	1,558	804	754	1,189	621	568
Trincomalee ..	1,048	34,115	21	19	2	344	173	171	316	166	150
North-Western.											
Kurunegala ..	1,843½	353,731	728	262	466	4,630	2,385	2,245	4,005	2,033	1,972
Puttalam ..	909½	35,579	34	25	9	461	238	223	517	269	248
Chilaw ..	262½	101,977	122	122	—	1,154	587	567	724	374	350
North-Central.											
Anuradhapura ..	4,068	97,067	150	25	125	1,309	624	685	1,963	1,016	947
Uva.											
Badulla ..	3,271½	233,931	192	51	141	2,557	1,279	1,278	2,696	1,389	1,307
Sabaragamuwa.											
Ratnapura ..	1,259	202,508	213	60	153	2,243	1,162	1,081	1,639	847	792
Keealla ..	642	267,668	227	70	157	3,119	1,615	1,504	1,814	926	888

\* Based on the Census figures of March 18, 1921.

Table II.—Birth- and Death-rates in the First Quarter of 1921, the Fourth Quarter of 1920, and the Mean-rates for the First Quarters, 1919-1920 and 1909-1918.

Province and District.	Birth-rate per Mille per Annum.				Death-rate per Mille per Annum.			
	First Quarter, 1921.	Fourth Quarter, 1920.	Average for 1st Quarters, 1919-1920.	Average for 1st Quarters, 1909-1918.	First Quarter, 1921.	Fourth Quarter, 1920.	Average for 1st Quarters, 1919-1920.	Average for 1st Quarters, 1909-1918.
Ceylon ..	44.0	36.9	43.3	42.3	37.7	26.7	45.2	32.6
Western ..	40.8	35.2	38.9	43.0	28.2	23.3	28.5	25.9
Central ..	44.3	39.4	47.6	42.8	40.5	29.0	41.7	31.9
Southern ..	48.3	31.2	47.8	48.7	43.7	26.8	41.5	36.7
Northern ..	35.6	31.6	41.2	36.0	44.0	27.2	49.2	34.7
Eastern ..	40.1	44.9	39.4	36.1	31.7	29.5	51.8	35.2
North-Western ..	51.6	40.3	40.5	43.3	43.3	24.7	81.2	40.0
North-Central ..	54.7	48.1	40.7	45.3	82.0	48.7	95.0	47.1
Uva ..	44.3	37.5	47.2	43.9	46.7	37.7	59.4	37.8
Sabaragamuwa ..	46.3	42.1	52.0	46.9	29.8	23.6	34.3	36.0
Western.								
Colombo ..	38.3	34.5	36.5	40.6	29.1	24.1	28.4	25.7
Negombo ..	46.8	37.8	42.8	46.6	27.5	21.8	32.9	24.3
Kalutara ..	43.2	35.2	42.0	46.3	26.7	22.4	26.2	27.3
Central.								
Kandy ..	41.9	40.1	48.6	43.9	38.8	28.6	41.3	31.2
Matale ..	50.9	46.9	45.0	43.8	56.2	37.3	52.0	43.4
Nuwara Eliya ..	45.7	32.6	46.7	39.2	33.7	24.3	35.2	26.3
Southern.								
Galle ..	42.3	30.2	47.2	47.7	38.6	27.9	35.0	29.8
Matara ..	48.8	27.5	49.6	50.3	31.5	24.1	43.3	32.7
Hambantota ..	62.6	41.2	45.5	46.8	81.3	29.4	54.8	54.1
Northern.								
Jaffna ..	34.9	31.7	36.4	35.5	41.5	25.8	51.5	35.9
Mannar ..	41.6	30.7	41.5	38.5	66.4	40.7	78.3	54.0
Mullaittivu ..	40.4	32.2	37.6	42.9	58.4	33.1	70.0	46.8
Eastern.								
Batticaloa ..	39.9	44.1	39.4	35.4	30.5	29.1	53.4	31.0
Trincomalee ..	40.9	48.6	39.4	39.9	37.6	31.3	44.6	39.9
North-Western.								
Kurunegala ..	53.1	43.6	41.3	45.3	45.9	26.1	88.9	42.9
Puttalam ..	52.7	30.9	36.8	34.1	58.9	31.5	91.6	41.1
Chilaw ..	45.9	32.5	39.1	41.1	28.8	17.4	50.1	25.6
North-Central.								
Anuradhapura ..	54.7	48.1	40.7	45.3	82.0	48.7	95.0	47.1
Uva.								
Badulla ..	44.3	37.5	47.2	43.9	46.7	37.7	59.4	37.8
Sabaragamuwa.								
Ratnapura ..	44.9	42.9	48.0	47.2	32.8	26.6	42.5	43.5
Kegalla ..	47.3	41.4	55.0	46.8	27.5	21.3	28.0	32.2

The rates appearing in this table, excepting the averages for 1909-1918, have been calculated on the population revised on the basis of the Census figures of March 18, 1921.

[For Table III. see page 5.]

Table IV.—Births and Deaths on Estates with their Rates per 1,000 of the Estate Population in the First Quarter of 1921, the Fourth Quarter of 1920, and the Average Rates for the First Quarters of 1919 and 1920 and 1909-1918.

District.	Population at the Census of March 18, 1921.	Births registered during the First Quarter, 1921.	Deaths registered during the First Quarter, 1921.	Birth-rate per Mille per Annum.				Death-rate per Mille per Annum.			
				First Quarter, 1921.	Fourth Quarter, 1920.	Average for First Quarters, 1919-1920.	Average for First Quarters, 1909-1918.	First Quarter, 1921.	Fourth Quarter, 1920.	Average for First Quarters, 1919-1920.	Average for First Quarters, 1909-1918.
Kandy ..	150,816	1,394	1,443	37.5	39.4	52.2	39.8	38.8	30.9	56.0	34.7
Matale ..	34,819	397	427	46.2	40.0	38.6	34.5	49.7	37.5	44.2	44.7
Nuwara Eliya ..	104,958	1,217	915	47.0	30.5	45.4	37.2	35.4	24.7	34.9	28.3
Badulla ..	83,467	937	1,122	45.5	30.2	52.1	38.5	54.5	31.8	60.3	40.0
Ratnapura ..	48,597	459	476	38.3	38.5	48.5	42.3	39.7	33.8	63.3	69.8
Kegalla ..	56,411	478	365	34.4	45.3	68.9	34.3	26.2	28.6	30.8	36.7
Colombo ..	14,174	109	64	31.2	25.0	42.5	34.9	18.3	15.7	27.6	41.2
Kalutara ..	36,748	336	230	37.1	40.9	42.0	41.3	25.4	28.3	32.3	37.4
Galle ..	11,258	115	92	41.4	33.9	34.4	42.2	33.1	30.7	24.4	39.2
Matara ..	5,330	24	36	18.3	25.4	52.7	46.2	27.4	50.8	56.1	60.4
Kurunegala ..	15,783	128	208	32.9	33.0	24.7	28.6	53.4	22.9	52.6	52.2
Total ..	562,356	5,594	5,378	40.3	36.2	49.4	37.9	38.8	29.7	47.1	37.8

The rates appearing in this table, excepting the averages for 1909-1918, have been calculated on the Census population of March 18, 1921.

Table III.—Births and Deaths by Races which predominate in the respective Districts, their Rates per 1,000 of the Estimated Population, and the Proportion of Infantile Deaths to 1,000 registered Births in the First Quarter of 1921.

Province and District.	Area in Square Miles.	Sinhalese.						Tamil.						Moors.						
		Deaths.		Births.		Death-rate per Mille per Annum.		Deaths.		Births.		Death-rate per Mille per Annum.		Deaths.		Births.		Death-rate per Mille per Annum.		
		Estimated Population on January 1, 1921.*	Births.	Deaths.	Birth-rate per Mille per Annum.	Death-rate per Mille per Annum.	Estimated Population on January 1, 1921.*	Births.	Deaths.	Birth-rate per Mille per Annum.	Death-rate per Mille per Annum.	Estimated Population on January 1, 1921.*	Births.	Deaths.	Birth-rate per Mille per Annum.	Death-rate per Mille per Annum.	Estimated Population on January 1, 1921.*	Births.	Deaths.	Birth-rate per Mille per Annum.
Ceylon	25481	3009601	35214	27069	47.54	8.47	336.5	43.8	31.6	286										
Western	1432	1014570	10791	6897	43.1	4.45	8.26	8	27.6	24.3	159									
Colombo	560	581684	5978	3916	41.7	3.9	9.44	9.27	3	28.3	25.3	163								
Negombo	247	164744	1940	1100	47.8	4.3	5.47	8.27	1	32.4	23.6	183								
Kalutara	623	268142	2873	1681	43.5	4.2	0.46	7.25	4	24.5	24.7	134								
Central	2279	371935	4296	3828	46.8	4.9	1.48	0.41	7	39.0	30.7	233								
Kandy	911	241122	2675	2350	45.0	4.9	2.48	5.39	5	34.6	28.8	201								
Matale	905	72393	988	1038	55.3	4.9	1.48	1.58	2	56.6	42.1	347								
Nuwara Eliya	462	58420	633	440	43.9	4.8	9.37	1.30	5	35.1	19.9	193								
Southern	2146	632075	7612	6811	48.8	4.8	5.49	1.43	7	41.6	34.7	260								
Galle	642	291718	3039	2747	42.2	4.8	1.48	5.38	2	34.9	29.2	168								
Matara	481	224824	2760	1724	49.8	5.0	2.50	9.31	1	43.2	34.7	175								
Hambantota	1012	115533	1813	2340	63.6	4.6	3.47	2.92	1	55.3	51.7	543								
Northern	3519																			
Jaffna	1147																			
Mannar	904																			
Mullaithivu	1466																			
Eastern	3848	8787	100	98	46.2	3.7	9.57	5.45	2	105.7	60.8	281								
Batticaloa	2800	7231	88	73	49.4	3.9	7.62	3.40	9	109.2	62.6	242								
Trincomealee	1048																			
North-Western	3018	418668	5464	4231	52.9	4.1	9.44	5.40	9	83.2	39.7	312								
Kurunegala	1843	316533	4279	3436	54.8	4.2	5.46	2.44	0	90.7	44.1	326								
Puttalam	909	15074	175	202	47.4	3.2	6.29	5.54	3	111.5	53.8	533								
Chilaw	262	87061	1010	583	47.0	4.0	9.42	3.27	2	49.7	26.6	211								
North-Central	4068	73236	1076	1488	59.6	4.4	1.49	3.80	7	102.3	54.0	497								
Anuradhapura	4068	73236	1076	1488	59.6	4.4	1.49	3.80	7	102.3	54.0	497								
Uva	3271	136916	1551	1439	45.9	4.6	7.47	3.42	6	60.5	40.8	231								
Badulla	3271	136916	1551	1439	45.9	4.6	7.47	3.42	6	60.5	40.8	231								
Sabaragamuwa	1901	349612	4293	2470	49.8	5.0	4.49	6.28	7	31.0	35.9	191								
Ratnapura	1269	160555	1764	1133	47.6	4.8	0.47	8.30	0	36.2	37.5	189								
Kegalla	642	199057	2529	1357	61.6	5.1	8.51	0.27	6	27.0	31.3	192								

\* Based on the Census figures of March 18, 1921. The birth- and death-rates appearing in this table, excepting the averages for 1909-1911.

Table V.—Number of Births and Deaths registered during the First Quarter of 1921, and their Proportion per Annum; the Stillbirths; the Deaths of Children under One Year and their Proportion per 1,000 Registered Births; and the Mean Temperature and Rainfall, observed 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 and Shipping) at the Census of March 18, 1921.	Total Births.		Total Deaths.		Total Stillbirths.			Deaths of Non-registered Towns in Town Hospitals and Jails.	Birth-rate.		Death-rate.			Deaths of Children under One Year, 1921.	Average, First Quarter, 1911-1920.	Deaths of Children under One Year of Age to 1,000 Births.	Mean Temperature.	Rainfall in Inches.	
		Males.	Females.	Males.	Females.	Males.	Females.	Persons.		First Quarter, 1921.	Average, First Quarter, 1911-1920.	Crude, First Quarter, 1921.	Standardized, First Quarter, 1921.	Average, First Quarter, 1911-1920.						First Quarter, 1921.
<b>All 23 Towns</b>	583,327	2,582	2,425	5,007	3,915	3,223	7,138	206	155	391	35.13	30.73	38.66	42.14	31.65	1399	295	270	—	—
<i>Western Province.</i>																				
Colombo	248,845	873	829	1,702	1,317	998	2,315	101	70	171	28.27	25.67	33.70	39.09	28.06	540	302	283	79.8	12.64
Negombo	21,348	136	107	243	150	126	276	3	7	10	46.35	44.13	48.45	50.68	36.64	46	192	204	—	8.42
Moratuwa	28,607	211	209	420	183	228	411	7	3	10	59.54	51.18	56.28	62.07	42.92	115	321	245	—	—
Kalutara	13,597	73	73	146	83	50	133	3	1	4	43.55	37.96	28.34	28.15	27.68	36	296	185	—	12.04
Panadura	10,737	51	39	90	49	36	85	2	1	3	33.99	23.98	24.55	29.22	20.26	15	246	206	—	—
<i>Central Province.</i>																				
Kandy	32,567	138	149	287	230	219	449	11	9	20	35.74	31.66	39.48	43.03	28.03	67	250	229	76.2	14.46
Gampola	6,199	32	25	57	39	35	74	5	2	7	37.29	35.43	32.06	33.27	32.78	7	132	102	—	17.17
Nawalapitiya	3,220	18	16	34	36	39	75	—	1	1	42.82	32.26	39.04	42.45	34.98	8	277	313	—	13.14
Hatton and Dikoya	2,939	5	9	14	24	40	64	2	2	3	19.32	26.21	16.56	19.34	26.02	6	267	268	—	10.22
Matale	7,864	45	33	78	127	105	232	1	3	5	40.23	33.27	60.34	69.34	36.90	20	242	260	—	12.58
Nuwara Eliya	7,281	22	40	62	30	32	62	3	1	4	34.53	14.76	22.28	25.40	10.25	19	355	250	—	9.46
<i>Southern Province.</i>																				
Galle	39,443	205	164	369	252	224	476	7	11	18	38.02	34.70	36.58	35.79	29.80	59	195	231	79.4	9.10
Ambalagoda	3,347	12	19	31	9	17	26	2	1	3	37.56	27.70	31.50	— <sup>b</sup>	— <sup>b</sup>	3	101	—	—	—
Matara	16,779	84	87	171	106	60	166	2	3	5	41.33	40.31	31.18	30.54	26.44	24	199	220	—	6.63
Weligama	9,292	36	47	83	28	27	55	1	2	3	36.23	39.48	23.57	21.23	22.54	9	133	154	—	—
Hambantota	2,860	19	19	38	24	21	45	—	1	1	54.11	35.31	46.99	52.55	34.48	13	399	317	79.3	8.16
Tangalla	4,896	27	26	53	29	22	51	2	—	2	43.90	32.79	26.51	27.09	24.78	5	106	212	—	4.83
<i>Northern Province.</i>																				
Jaffna	42,511	208	184	392	278	268	546	10	7	17	37.46	32.78	49.22	50.28	45.63	148	427	377	79.7	10.26
Mannar	3,924	18	17	35	27	20	47	3	—	3	38.31	35.12	32.84	36.16	49.49	11	284	329	80.6	5.46
Mullattivu	1,563	6	5	11	13	15	28	2	2	4	28.54	42.12	54.49	72.23	57.22	5	376	451	—	18.96
Vavuniya	936	2	3	5	11	12	23	—	—	—	21.66	20.09	86.66	117.67	38.94	2	507	676	—	18.11
<i>Eastern Province.</i>																				
Batticaloa	10,862	48	46	94	68	54	122	5	6	11	36.09	27.80	43.00	42.40	33.07	35	311	315	79.1	21.59
Kalmunai	2,575	9	8	17	16	7	23	—	—	—	26.77	48.23	22.05	— <sup>b</sup>	— <sup>b</sup>	3	138	202	—	25.16
Trincomalee	9,470	39	35	74	53	51	104	2	1	3	31.78	26.49	44.67	49.04	38.84	32	392	307	80.6	24.73
<i>N.-Western Province.</i>																				
Kurunegala	10,188	46	41	87	196	111	307	7	7	14	34.63	31.41	35.09	35.99	44.66	30	353	342	79.3	12.89
Puttalam	6,905	45	45	90	65	41	106	4	3	7	52.86	37.11	49.92	53.40	42.55	24	342	381	79.4	7.39
Kalpiya	1,813	7	12	19	9	22	31	1	2	3	45.14	29.18	73.65	— <sup>b</sup>	— <sup>b</sup>	11	666	445	—	6.31
Chilaw	6,643	38	47	85	62	52	114	3	3	6	51.89	36.13	55.56	53.26	39.34	20	376	298	—	6.58
<i>N.-Central Province.</i>																				
Anuradhapura	7,781	31	20	51	190	123	313	7	1	8	26.58	24.24	121.97	149.44	60.71	46	811	380	78.5	18.61
<i>Provinces of Uva.</i>																				
Badulla	8,119	37	37	74	75	58	133	4	2	6	36.96	37.41	30.97	34.17	33.07	15	220	240	71.5	17.44
Lunugala	526	1	3	4	59	41	100	—	—	—	30.84	33.35	7.71	— <sup>b</sup>	— <sup>b</sup>	5	—	548	—	—
<i>Prov. of Sabaragamuwa.</i>																				
Ranapura	7,014	44	20	64	46	38	84	4	1	5	37.01	32.04	19.08	21.63	35.39	15	240	281	81.3	20.27
Kegalla	2,876	16	11	27	31	31	62	2	2	4	38.07	34.28	47.94	43.97	17.47	5	176	268	—	13.52

\* Birth- and death-rates calculated on the Census population on March 18, 1921.

The factor applied for standardizing the crude death-rates is the same as that for the past decade, as the age- and sex-distribution of the population at the Census of 1921 is not available.

<sup>a</sup> Blanks indicate that there are no observatories or rain gauges.

<sup>b</sup> Standardized rates for these towns are not available.



Table VI.—Causes of Deaths, &c.—continued.

Causes of Death.	Ceylon.			Western Provinces.			Central Provinces.			Southern Provinces.		Northern Provinces.			Eastern Provinces.		North-Western Province.			N-C. Uva Prov. Prov.		Sabaragamuwa Province.		Deaths among all Races.					
	Colombo.	Negombo.	Kalutara.	Kandy.	Katale.	Nuwara Elyya.	Galle.	Matara.	Hambantota.	Jaffna.	Mannar.	Mullaitivu.	Batticaloa.	Trincomalee.	Kurunegala.	Puttalam.	Chilaw.	Anuradhapura.	Badulla.	Ratnapura.	Kegalla.	Europeans.	Burbers.	Sinhalese.	Tamil.	Moors.	Malays.	Veddas.	Others.
45. Intestinal Parasites ..	1241	273	100	97	107	58	9	222	20	2	17	—	—	—	96	13	34	37	7	65	84	—	2	1070	75	85	8	—	1
46. Appendicitis and Typhilitis ..	4	2	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	1	—	—	—
47. Diseases of the Liver ..	95	35	3	4	11	4	2	7	1	—	7	—	1	2	2	1	7	2	3	2	—	—	6	24	4	4	1	—	—
48. Peritonitis ..	31	13	1	4	1	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	15	15	—	—	—	—	—
49. Other Diseases of the Digestive System ..	285	36	5	14	37	2	14	18	10	14	23	5	1	8	8	6	3	2	12	7	10	—	1	122	111	45	3	2	1
50. Bright's Disease and Nephritis ..	450	87	10	14	64	40	45	13	27	5	14	1	2	6	17	8	—	23	59	7	7	—	3	178	229	29	5	6	
51. Other Diseases of the Genito-Urinary System ..	42	12	1	4	2	—	6	1	2	—	6	—	—	—	2	—	1	1	1	—	2	—	—	26	15	—	—	—	
52. Diseases or Accidents of Pregnancy or of Childbirth ..	1047	102	23	61	84	38	19	44	23	40	55	12	32	6	194	22	49	97	43	30	51	—	2	893	244	95	8	4	
53. Diseases of the Skin and Cellular Tissue ..	3252	288	193	26	345	196	18	20	6	10	160	18	192	12	915	26	112	283	8	115	304	—	5	2611	390	232	5	4	
54. Diseases of the Bones and of the Organs of Locomotion ..	4	2	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	
55. Congenital Malformations ..	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	—	—	—	
56. Premature Birth ..	453	33	8	4	64	12	40	8	3	—	46	—	3	16	5	4	5	21	135	38	8	—	9	206	216	19	—	3	
57. Infantile Debility (under 3 months) ..	1814	166	25	41	279	89	212	29	7	136	166	73	22	8	80	29	3	59	172	114	79	—	8	645	996	139	11	2	
58. Other Diseases of Early Infancy ..	39	6	1	—	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29	9	—	—	—	—	
59. Semility ..	1559	388	59	146	134	26	64	197	141	14	148	2	2	1	19	2	17	13	79	62	46	—	12	985	453	85	8	15	
60. Suicide ..	68	8	1	5	9	6	6	3	1	9	1	—	—	—	3	—	1	1	3	7	3	—	1	38	29	—	—	—	
61. Homicide ..	66	13	2	13	3	1	—	4	1	—	1	—	—	—	5	—	—	—	3	2	4	—	1	53	7	6	—	—	
62. Execution ..	10	5	—	—	4	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	7	3	—	—	—	
63. Accidents and other affections produced by external causes ..	626	85	20	40	84	17	21	32	35	21	35	7	3	3	60	3	17	20	37	29	34	—	1	400	178	31	2	14	
64. Dropsy ..	1002	35	14	48	132	20	34	75	13	76	90	17	3	8	137	17	4	28	44	18	62	—	—	649	279	71	—	3	
65. Heart Failure ..	44	13	—	1	5	1	2	3	2	—	2	—	—	1	—	—	—	—	1	1	—	—	—	14	25	4	—	—	
66. Debility (3 months and over) ..	641	97	1	24	150	28	46	58	8	10	24	6	3	2	16	—	5	2	85	54	22	—	6	215	354	40	15	11	
67. Pyrexia ..	6442	396	203	153	390	357	45	169	341	695	1001	34	9	172	1612	78	87	392	202	195	297	—	3	4749	1346	326	5	10	
68. Diseases not specified or ill-defined ..	20	3	1	1	1	—	1	—	—	—	2	—	—	3	4	—	—	—	3	—	1	—	—	11	6	1	—	—	
69. Other ill-defined diseases ..	161	42	3	15	12	2	24	27	10	1	—	—	6	—	2	1	—	—	7	4	3	—	3	78	55	17	4	4	



Table VII.—Causes of Death Registered on Estates in the Central, Uva, and Sabaragamuwa Provinces, in the Colombo and Kalutara Districts of the Western Province, Galle and Matara of the Southern Province, and Kurunegala in the North-Western Province, during the First Quarter of 1921.

Causes of Death.	Central Province.				Province of Uva.	Province of Sabaragamuwa.		Western Province.		Southern Province.		North-Western Province.
	Ceylon.	Kandy.	Matale.	Nuwara Eliya.	Badulla.	Rainapure.	Kegalla.	Colombo.	Kalutara.	Galle.	Matara.	Kurunegala.
All Causes ..	5,378	1,443	427	915	1,122	476	365	64	230	92	36	208
1. Enteric Fever ..	8	3	—	—	1	—	1	1	1	—	1	—
2. Malaria and Malarial Cachexia ..	79	9	14	2	26	6	3	1	2	4	1	6
3. Smallpox ..	—	—	—	—	—	—	—	—	—	—	—	—
4. Measles ..	2	1	—	—	1	—	—	—	—	—	—	—
5. Whooping Cough ..	2	—	—	1	—	—	—	—	1	—	—	—
6. Cholera ..	—	—	—	—	—	—	—	—	—	—	—	—
7. Dysentery ..	565	104	35	84	186	53	31	4	17	15	8	28
8. Plague ..	—	—	—	—	—	—	—	—	—	—	—	—
9. Chickenpox ..	2	—	—	—	2	—	—	—	—	—	—	—
10. Other Epidemic Diseases ..	143	80	7	29	12	4	6	—	—	1	2	2
11. Septicæmia ..	7	2	—	1	3	—	—	—	1	—	—	—
12. Other Septic Diseases ..	3	1	—	—	—	1	1	—	—	—	—	—
13. Hydrophobia ..	—	—	—	—	—	—	—	—	—	—	—	—
14. Tetanus ..	3	—	—	—	1	—	—	—	1	—	—	—
15. Phthisis ..	83	21	1	7	29	6	9	6	3	—	—	1
16. Other Tuberculous Diseases ..	6	1	1	—	2	2	—	—	—	—	—	—
17. Rickets ..	40	10	3	2	4	5	6	2	7	1	—	—
18. Parangi ..	1	—	—	—	1	—	—	—	—	—	—	—
19. Cancer ..	14	5	2	4	2	—	1	—	—	—	—	1
20. Acute Rheumatic Fever ..	4	2	—	—	1	—	—	—	—	—	—	—
21. Diabetes ..	—	—	—	—	—	—	—	—	—	—	—	—
22. Anæmia ..	20	2	4	1	—	6	2	1	2	1	—	1
23. Alcoholism ..	1	—	—	—	—	1	—	—	—	—	—	—
24. Other General Diseases ..	45	9	—	9	18	4	—	—	—	—	2	3
25. Meningitis ..	6	2	—	—	1	1	—	—	—	—	2	—
26. Cerebral Hæmorrhage or Apoplexy ..	6	2	—	—	1	—	3	—	—	—	—	—
27. Paralysis ..	17	6	—	4	3	1	—	1	1	1	—	—
28. Epilepsy ..	16	5	—	3	2	2	2	—	—	1	—	—
29. Convulsions (non-puerperal) ..	12	—	3	4	—	1	2	—	2	—	—	—
30. Infantile Convulsions ..	328	71	31	59	48	31	35	3	23	7	3	17
31. Other Diseases of the Nervous System ..	9	2	1	2	1	1	—	1	—	1	—	—
32. Organic Diseases of the Heart ..	18	3	—	6	2	6	1	—	—	—	—	—
33. Hæmorrhoids ..	4	1	2	1	—	—	—	—	—	—	—	—
34. Other Diseases of the Circulatory System ..	10	2	1	2	2	1	1	—	—	1	—	—
35. Bronchitis ..	100	23	6	13	19	16	10	1	4	3	—	3
36. Pneumonia ..	563	175	52	109	116	28	23	4	21	6	3	21
37. Pulmonary Congestion ..	1	—	—	1	—	—	—	—	—	—	—	—
38. Asthma ..	19	6	5	2	—	1	3	—	1	—	—	1
39. Other Diseases of the Respiratory System ..	10	4	2	1	2	—	—	—	1	—	—	—
40. Thrush, Stomatitis ..	1	—	—	—	—	—	1	—	—	—	—	—
41. Infantile Diarrhœa ..	30	3	5	5	6	8	1	—	—	—	—	2
42. Diarrhœa undefined ..	388	94	37	73	78	38	28	4	13	10	4	9
43. Enteritis ..	160	12	5	7	84	18	16	—	5	—	1	12
44. Anchylostomiasis ..	552	183	52	53	75	78	39	6	31	12	4	21
45. Intestinal Parasites ..	23	10	1	2	2	6	3	1	1	—	—	2
46. Appendicitis and Typhilitis ..	1	1	—	—	—	—	—	—	—	—	—	—
47. Diseases of the Liver ..	7	4	1	1	1	—	—	—	—	—	—	—
48. Peritonitis ..	8	1	—	—	2	1	1	1	1	—	—	—
49. Other Diseases of the Digestive System ..	49	15	2	8	5	6	5	—	5	1	—	2
50. Bright's Disease and Nephritis ..	168	40	19	40	54	2	2	1	5	2	—	3
51. Other Diseases of the Genito-Urinary System ..	4	1	—	2	—	—	1	—	—	—	—	—
52. Diseases or Accidents of Pregnancy or of Childbirth ..	103	23	18	14	6	7	13	5	4	3	—	10
53. Diseases of the Skin or Cellular Tissue ..	23	8	1	3	4	2	2	1	—	2	—	—
54. Diseases of the Bones and of the Organs of Locomotion ..	1	—	1	—	—	—	—	—	—	—	—	—
55. Congenital Malformations ..	1	—	—	—	1	—	—	—	—	—	—	—
56. Premature Birth ..	140	48	8	37	16	15	7	1	2	6	1	1
57. Infantile Debility (under 3 months) ..	722	198	56	173	135	45	41	7	34	3	—	30
58. Other Diseases of Early Infancy ..	5	3	—	1	1	—	—	—	—	—	—	—
59. Senility ..	278	84	20	49	52	26	20	3	14	2	2	6
60. Suicide ..	15	5	—	2	2	4	1	—	1	—	—	—
61. Homicide ..	5	2	—	—	2	—	—	—	1	—	—	—
62. Execution ..	—	—	—	—	—	—	—	—	—	—	—	—
63. Accidents and other affections produced by external causes ..	69	22	8	10	8	3	5	1	5	2	2	3
64. Dropsy ..	64	18	3	17	12	5	5	—	2	—	—	2
65. Heart Failure ..	14	3	1	2	7	—	—	—	—	—	—	—
66. Debility (3 months and over) ..	296	94	16	43	72	33	20	1	9	2	—	5
67. Pyrexia ..	39	9	—	2	6	—	1	—	3	4	—	14
68. Diseases not specified or ill-defined ..	1	1	—	—	—	—	—	—	—	—	—	—
69. Other ill-defined diseases ..	59	11	1	24	5	3	3	5	6	1	—	—



