

Report of the Medical Officer of Health on the public health and sanitary circumstances of the city and borough of Pietermaritzburg.

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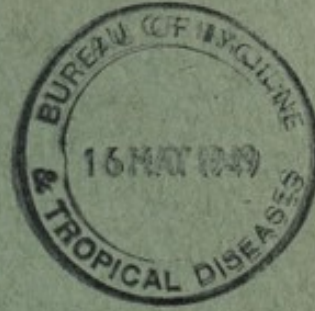
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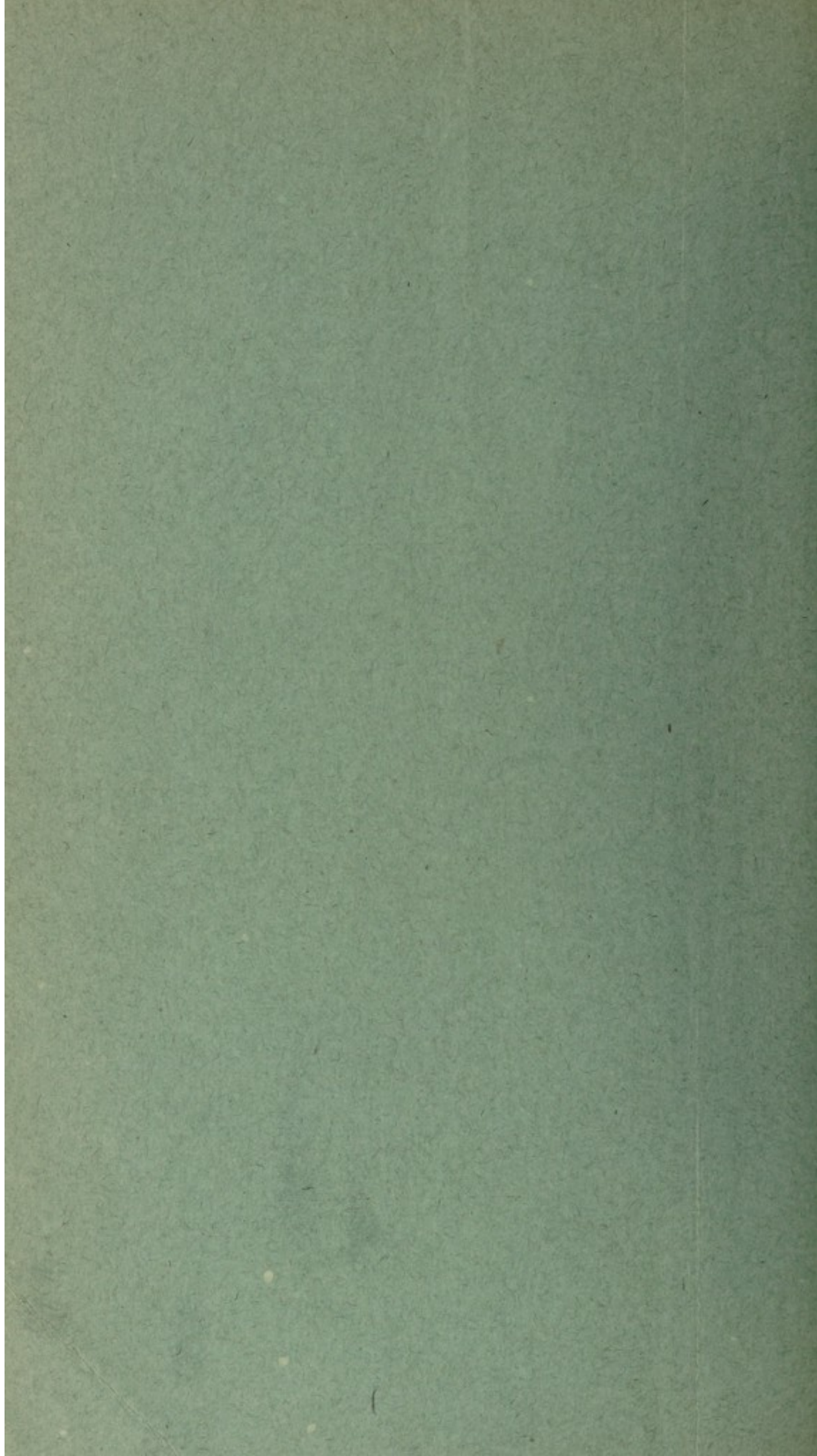
CITY OF PIETERMARITZBURG

ANNUAL REPORT

OF THE

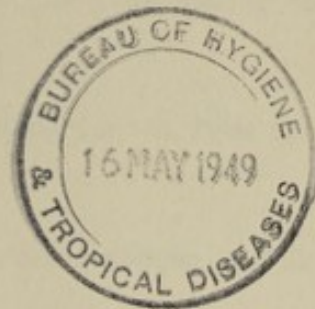
**MEDICAL OFFICER OF
HEALTH**

**For the Twelve Months
1st July, 1947, to 30th June, 1948.**



CITY OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT



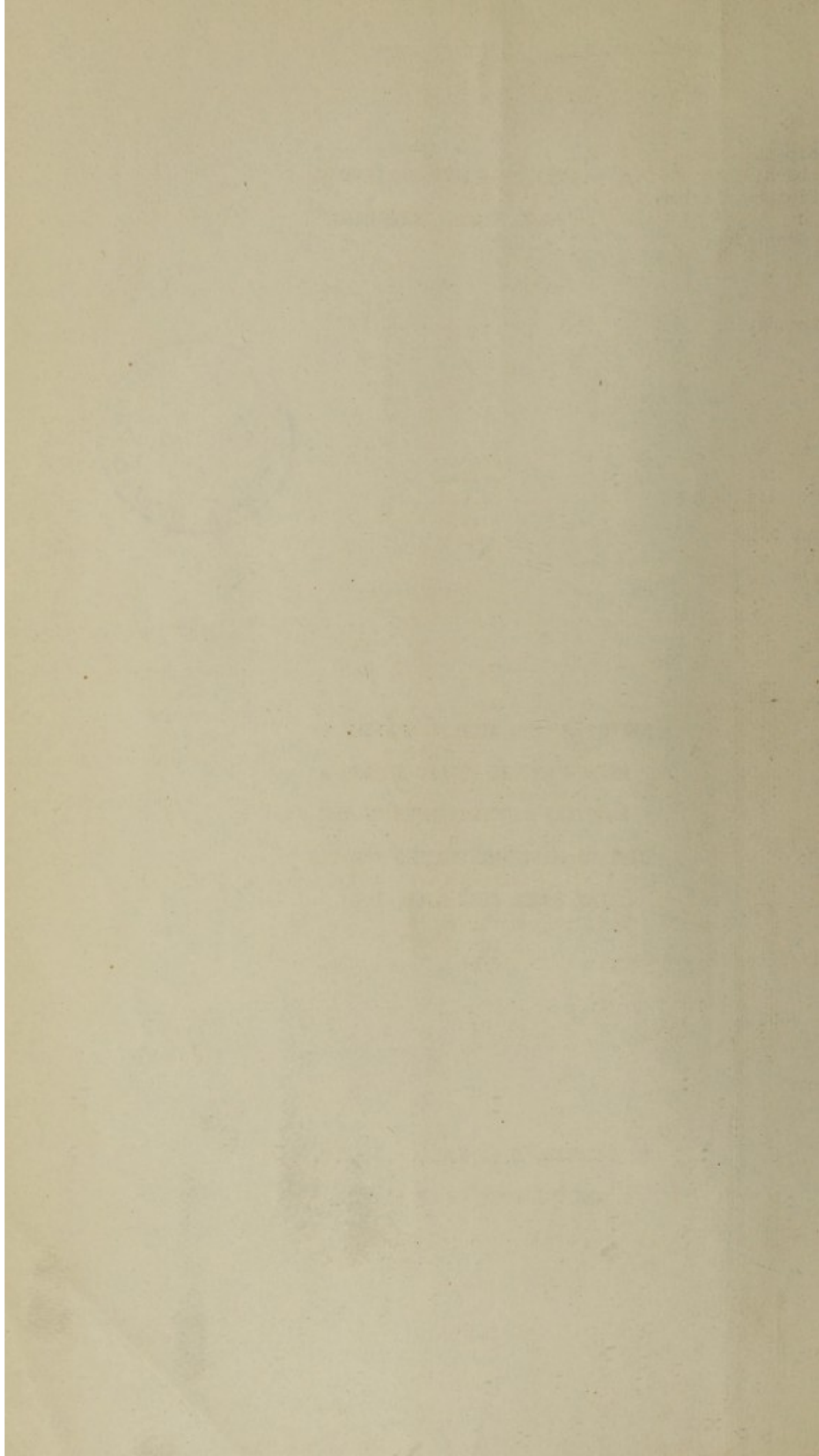
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REPORT OF THE MEDICAL OFFICER OF
HEALTH ON THE PUBLIC HEALTH &
SANITARY CIRCUMSTANCES OF THE
CITY OF PIETERMARITZBURG FOR THE
YEAR ENDED JUNE 30th, 1948.

BY

M. MAISTER, B.A., M.B., Ch.B., D.P.H.

MEDICAL OFFICER OF HEALTH.



INTRODUCTORY.CITY OF PIETERMARITZBURG.PUBLIC HEALTH DEPARTMENT.

To
His Worship the Mayor,
and Members of the Council of the City
of Pietermaritzburg.

Ladies and Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary Circumstances of the City of Pietermaritzburg, for the year ending 30th June, 1948.

Once again a favourable year has been experienced from the point of view of the health of the City.

There has been a further drop in the total incidence of Infectious Diseases, but this year Pietermaritzburg suffered, in common with the rest of South Africa, its 'worst ever' outbreak of Anterior Poliomyelitis.

Although private enterprise has been active in building for Europeans, there still is an acute shortage of housing for the less economically privileged European, and although the Council is pressing on with housing for the 'sub-economic' Native, absolutely nothing has been done for years for the Asiatic and their housing position must be described as desperate. It is probable that this factor plays a considerable part in the increasing incidence of Tuberculosis in this race.

The Tuberculosis position worsened slightly.

I wish to express my thanks to all members of the Staff for the high level of efficiency maintained in the Department throughout the year.

In conclusion I wish to record my appreciation of the support readily given to me at all times by the Mayor and the Chairman and members of the Public Health Committee, and of the cordial co-operation of the various Municipal Heads of Departments.

I have the honour to be,

Ladies and Gentlemen,

Your Obedient Servant

M. MAISTER.

MEDICAL OFFICER OF HEALTH.

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1. The first part of the report deals with the general situation of the country and the progress of the work during the year.

2. The second part deals with the results of the work done during the year.

3. The third part deals with the financial statement of the year.

4. The fourth part deals with the conclusions of the year.

5. The fifth part deals with the recommendations for the future.

6. The sixth part deals with the appendixes.

7. The seventh part deals with the index.

8. The eighth part deals with the bibliography.

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24. The twenty-fourth part deals with the list of offices.

25. The twenty-fifth part deals with the list of posts.

26. The twenty-sixth part deals with the list of stations.

27. The twenty-seventh part deals with the list of points.

28. The twenty-eighth part deals with the list of lines.

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30. The thirtieth part deals with the list of distances.

31. The thirty-first part deals with the list of times.

32. The thirty-second part deals with the list of speeds.

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39. The thirty-ninth part deals with the list of incomes.

40. The fortieth part deals with the list of expenses.

41. The forty-first part deals with the list of profits.

42. The forty-second part deals with the list of losses.

43. The forty-third part deals with the list of gains.

44. The forty-fourth part deals with the list of debts.

45. The forty-fifth part deals with the list of credits.

46. The forty-sixth part deals with the list of assets.

47. The forty-seventh part deals with the list of liabilities.

48. The forty-eighth part deals with the list of equity.

49. The forty-ninth part deals with the list of capital.

50. The fiftieth part deals with the list of reserves.

51. The fifty-first part deals with the list of funds.

52. The fifty-second part deals with the list of investments.

53. The fifty-third part deals with the list of loans.

54. The fifty-fourth part deals with the list of bonds.

55. The fifty-fifth part deals with the list of stocks.

56. The fifty-sixth part deals with the list of shares.

57. The fifty-seventh part deals with the list of dividends.

58. The fifty-eighth part deals with the list of interest.

59. The fifty-ninth part deals with the list of taxes.

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79. The seventy-ninth part deals with the list of receipt.

80. The eightieth part deals with the list of invoice.

81. The eighty-first part deals with the list of bill.

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CLIMATE AND RATEABLE VALUE.

Latitude - 29 degrees, 36 minutes, 4 seconds south.
 Longitude - 30 degrees, 22 minutes, 46 seconds east.
 Altitude - At Market Square : 2,160 feet.

TEMPERATURE AND RAINFALL :

	<u>RAINFALL IN INCHES</u>	<u>ATMOSPHERIC TEMPERATURE</u>			<u>RELATIVE HUMIDITY Aver. Daily Percentage</u>
		Av. Daily Maximum °	Av. Daily Minimum °	Av. Daily Mean °	
<u>1947</u>					
July	0.38	69.5	35.7	52.6	74.9%
August	0.25	78.4	44.5	61.4	71.7%
September	0.84	75.1	51.0	63.0	71.8%
October	3.10	78.3	55.3	66.8	70.5%
November	4.75	82.5	60.4	71.4	71.9%
December	3.85	80.6	59.9	70.2	72.1%
<u>1948</u>					
January	4.42	79.9	60.5	70.2	75.8%
February	4.63	81.8	63.3	72.5	79.0%
March	6.03	80.7	61.6	71.1	85.0%
April	3.16	75.5	54.6	65.0	87.5%
May	1.03	77.7	48.0	62.8	87.6%
June	0.00	75.1	36.8	55.9	77.2%
Total :	32.44				

AREA OF MUNICIPALITY : 31,080.11623 acres.

Value of Rateable Property : £12,877,875. 0. Od.

Exempted Property : £4,568,965. 0. Od.

RATES : General - 3½d.

Water - ½d.

1. The first part of the report deals with the work done during the year 1900. It is divided into two main sections: the first section deals with the work done during the first half of the year, and the second section deals with the work done during the second half of the year. The first section is divided into three parts: the first part deals with the work done during the first quarter, the second part deals with the work done during the second quarter, and the third part deals with the work done during the third quarter. The second section is divided into two parts: the first part deals with the work done during the fourth quarter, and the second part deals with the work done during the first quarter of the following year.

TABLE I

RELATIVE HUMIDITY PERCENT	TEMPERATURE IN DEGREES FAHRENHEIT			WIND DIRECTION
	Air Temp.	Water Temp.	Soil Temp.	
70.0	65.0	60.0	65.0	W
75.0	68.0	63.0	68.0	W
80.0	70.0	65.0	70.0	W
85.0	72.0	67.0	72.0	W
90.0	75.0	70.0	75.0	W
95.0	78.0	73.0	78.0	W
100.0	80.0	75.0	80.0	W
105.0	82.0	77.0	82.0	W
110.0	85.0	80.0	85.0	W
115.0	88.0	83.0	88.0	W
120.0	90.0	85.0	90.0	W
125.0	92.0	87.0	92.0	W
130.0	95.0	90.0	95.0	W
135.0	98.0	93.0	98.0	W
140.0	100.0	95.0	100.0	W
145.0	102.0	97.0	102.0	W
150.0	105.0	100.0	105.0	W
155.0	108.0	103.0	108.0	W
160.0	110.0	105.0	110.0	W
165.0	112.0	107.0	112.0	W
170.0	115.0	110.0	115.0	W
175.0	118.0	113.0	118.0	W
180.0	120.0	115.0	120.0	W
185.0	122.0	117.0	122.0	W
190.0	125.0	120.0	125.0	W
195.0	128.0	123.0	128.0	W
200.0	130.0	125.0	130.0	W
205.0	132.0	127.0	132.0	W
210.0	135.0	130.0	135.0	W
215.0	138.0	133.0	138.0	W
220.0	140.0	135.0	140.0	W
225.0	142.0	137.0	142.0	W
230.0	145.0	140.0	145.0	W
235.0	148.0	143.0	148.0	W
240.0	150.0	145.0	150.0	W
245.0	152.0	147.0	152.0	W
250.0	155.0	150.0	155.0	W
255.0	158.0	153.0	158.0	W
260.0	160.0	155.0	160.0	W
265.0	162.0	157.0	162.0	W
270.0	165.0	160.0	165.0	W
275.0	168.0	163.0	168.0	W
280.0	170.0	165.0	170.0	W
285.0	172.0	167.0	172.0	W
290.0	175.0	170.0	175.0	W
295.0	178.0	173.0	178.0	W
300.0	180.0	175.0	180.0	W
305.0	182.0	177.0	182.0	W
310.0	185.0	180.0	185.0	W
315.0	188.0	183.0	188.0	W
320.0	190.0	185.0	190.0	W
325.0	192.0	187.0	192.0	W
330.0	195.0	190.0	195.0	W
335.0	198.0	193.0	198.0	W
340.0	200.0	195.0	200.0	W
345.0	202.0	197.0	202.0	W
350.0	205.0	200.0	205.0	W
355.0	208.0	203.0	208.0	W
360.0	210.0	205.0	210.0	W
365.0	212.0	207.0	212.0	W
370.0	215.0	210.0	215.0	W
375.0	218.0	213.0	218.0	W
380.0	220.0	215.0	220.0	W
385.0	222.0	217.0	222.0	W
390.0	225.0	220.0	225.0	W
395.0	228.0	223.0	228.0	W
400.0	230.0	225.0	230.0	W
405.0	232.0	227.0	232.0	W
410.0	235.0	230.0	235.0	W
415.0	238.0	233.0	238.0	W
420.0	240.0	235.0	240.0	W
425.0	242.0	237.0	242.0	W
430.0	245.0	240.0	245.0	W
435.0	248.0	243.0	248.0	W
440.0	250.0	245.0	250.0	W
445.0	252.0	247.0	252.0	W
450.0	255.0	250.0	255.0	W
455.0	258.0	253.0	258.0	W
460.0	260.0	255.0	260.0	W
465.0	262.0	257.0	262.0	W
470.0	265.0	260.0	265.0	W
475.0	268.0	263.0	268.0	W
480.0	270.0	265.0	270.0	W
485.0	272.0	267.0	272.0	W
490.0	275.0	270.0	275.0	W
495.0	278.0	273.0	278.0	W
500.0	280.0	275.0	280.0	W
505.0	282.0	277.0	282.0	W
510.0	285.0	280.0	285.0	W
515.0	288.0	283.0	288.0	W
520.0	290.0	285.0	290.0	W
525.0	292.0	287.0	292.0	W
530.0	295.0	290.0	295.0	W
535.0	298.0	293.0	298.0	W
540.0	300.0	295.0	300.0	W
545.0	302.0	297.0	302.0	W
550.0	305.0	300.0	305.0	W
555.0	308.0	303.0	308.0	W
560.0	310.0	305.0	310.0	W
565.0	312.0	307.0	312.0	W
570.0	315.0	310.0	315.0	W
575.0	318.0	313.0	318.0	W
580.0	320.0	315.0	320.0	W
585.0	322.0	317.0	322.0	W
590.0	325.0	320.0	325.0	W
595.0	328.0	323.0	328.0	W
600.0	330.0	325.0	330.0	W
605.0	332.0	327.0	332.0	W
610.0	335.0	330.0	335.0	W
615.0	338.0	333.0	338.0	W
620.0	340.0	335.0	340.0	W
625.0	342.0	337.0	342.0	W
630.0	345.0	340.0	345.0	W
635.0	348.0	343.0	348.0	W
640.0	350.0	345.0	350.0	W
645.0	352.0	347.0	352.0	W
650.0	355.0	350.0	355.0	W
655.0	358.0	353.0	358.0	W
660.0	360.0	355.0	360.0	W
665.0	362.0	357.0	362.0	W
670.0	365.0	360.0	365.0	W
675.0	368.0	363.0	368.0	W
680.0	370.0	365.0	370.0	W
685.0	372.0	367.0	372.0	W
690.0	375.0	370.0	375.0	W
695.0	378.0	373.0	378.0	W
700.0	380.0	375.0	380.0	W
705.0	382.0	377.0	382.0	W
710.0	385.0	380.0	385.0	W
715.0	388.0	383.0	388.0	W
720.0	390.0	385.0	390.0	W
725.0	392.0	387.0	392.0	W
730.0	395.0	390.0	395.0	W
735.0	398.0	393.0	398.0	W
740.0	400.0	395.0	400.0	W
745.0	402.0	397.0	402.0	W
750.0	405.0	400.0	405.0	W
755.0	408.0	403.0	408.0	W
760.0	410.0	405.0	410.0	W
765.0	412.0	407.0	412.0	W
770.0	415.0	410.0	415.0	W
775.0	418.0	413.0	418.0	W
780.0	420.0	415.0	420.0	W
785.0	422.0	417.0	422.0	W
790.0	425.0	420.0	425.0	W
795.0	428.0	423.0	428.0	W
800.0	430.0	425.0	430.0	W
805.0	432.0	427.0	432.0	W
810.0	435.0	430.0	435.0	W
815.0	438.0	433.0	438.0	W
820.0	440.0	435.0	440.0	W
825.0	442.0	437.0	442.0	W
830.0	445.0	440.0	445.0	W
835.0	448.0	443.0	448.0	W
840.0	450.0	445.0	450.0	W
845.0	452.0	447.0	452.0	W
850.0	455.0	450.0	455.0	W
855.0	458.0	453.0	458.0	W
860.0	460.0	455.0	460.0	W
865.0	462.0	457.0	462.0	W
870.0	465.0	460.0	465.0	W
875.0	468.0	463.0	468.0	W
880.0	470.0	465.0	470.0	W
885.0	472.0	467.0	472.0	W
890.0	475.0	470.0	475.0	W
895.0	478.0	473.0	478.0	W
900.0	480.0	475.0	480.0	W
905.0	482.0	477.0	482.0	W
910.0	485.0	480.0	485.0	W
915.0	488.0	483.0	488.0	W
920.0	490.0	485.0	490.0	W
925.0	492.0	487.0	492.0	W
930.0	495.0	490.0	495.0	W
935.0	498.0	493.0	498.0	W
940.0	500.0	495.0	500.0	W
945.0	502.0	497.0	502.0	W
950.0	505.0	500.0	505.0	W
955.0	508.0	503.0	508.0	W
960.0	510.0	505.0	510.0	W
965.0	512.0	507.0	512.0	W
970.0	515.0	510.0	515.0	W
975.0	518.0	513.0	518.0	W
980.0	520.0	515.0	520.0	W
985.0	522.0	517.0	522.0	W
990.0	525.0	520.0	525.0	W
995.0	528.0	523.0	528.0	W
1000.0	530.0	525.0	530.0	W

2. The second part of the report deals with the work done during the year 1901. It is divided into two main sections: the first section deals with the work done during the first half of the year, and the second section deals with the work done during the second half of the year. The first section is divided into three parts: the first part deals with the work done during the first quarter, the second part deals with the work done during the second quarter, and the third part deals with the work done during the third quarter. The second section is divided into two parts: the first part deals with the work done during the fourth quarter, and the second part deals with the work done during the first quarter of the following year.

CITY OF PIETERMARITZBURG.

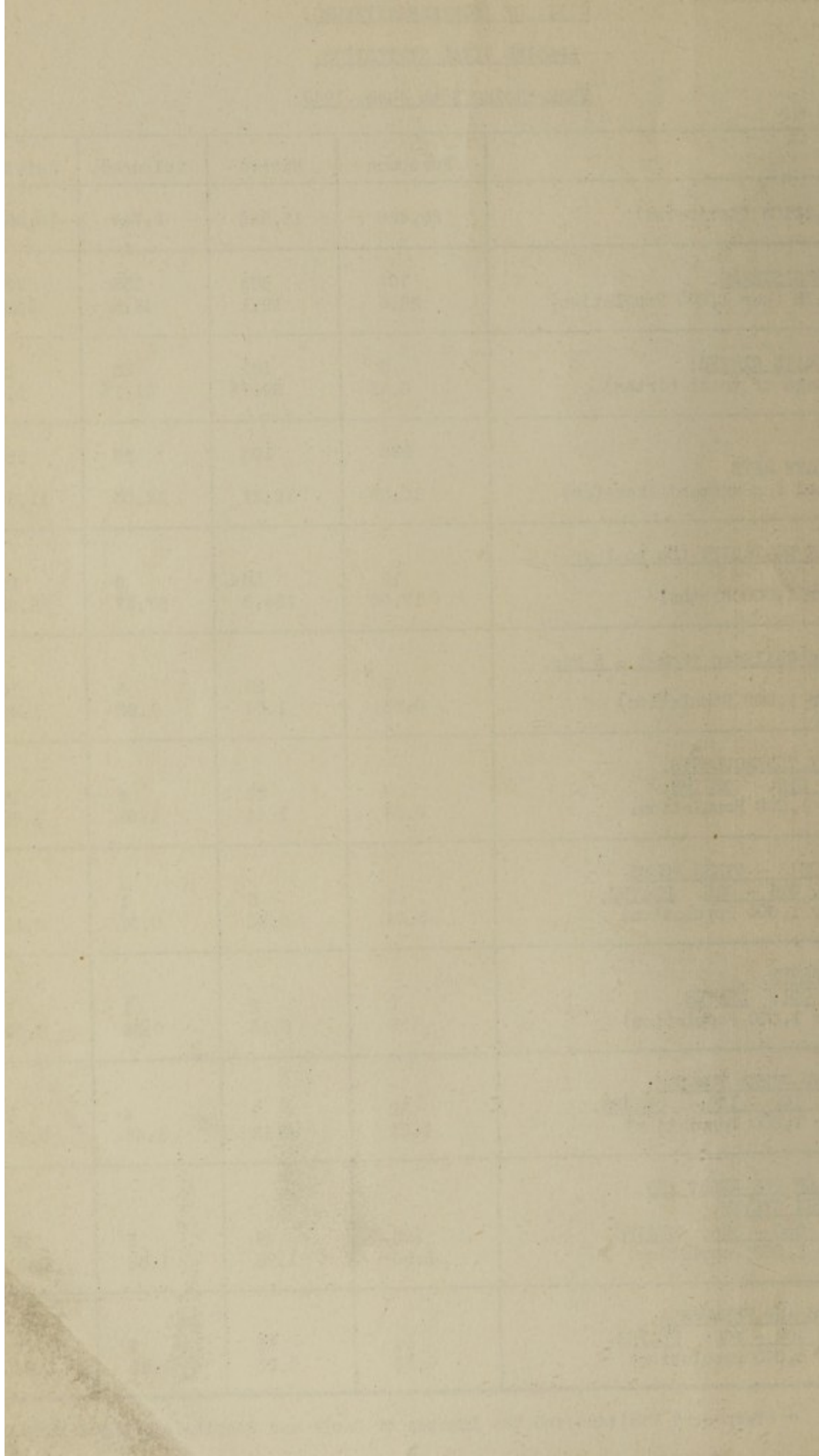
LEADING VITAL STATISTICS.

YEAR ENDING 30th JUNE, 1948.

	European	Native	Coloured	Asiatic
* POPULATION (Estimated)	26,420	15,844	2,744	10,860
BIRTHS REGISTERED.	704	303	133	704
BIRTH RATE (per 1,000 Population)	26.6	19.1	48.5	64.8
ILLEGITIMATE BIRTHS.	3	181	28	10
(Percentage of total births)	0.4%	59.7%	21.1%	1.4%
DEATHS.	265	194	33	126
CRUDE DEATH RATE				
(Corrected for outward transfer)	10.03	12.21	12.03	11.60
INFANTILE MORTALITY (Up to 1 yr.)				
DEATHS.	12	56	9	26
RATE (Per 1,000 Births)	17.04	184.8	67.67	36.93
DEATHS in Children from 1 - 5 yrs.				
DEATHS.	6	26	5	16
RATE (Per 1,000 Population)	0.23	1.64	1.82	1.48
PULMONARY TUBERCULOSIS.				
Code No. 015. DEATHS.	9	23	4	18
RATE per 1,000 Population.	0.34	1.44	1.46	1.66
TUBERCULOSIS - OTHER FORMS				
Code Nos. 016 - 025. DEATHS.	1	8	1	2
RATE (per 1,000 Population)	0.04	0.50	0.36	0.18
ENTERIC FEVER.				
Code No. 001. DEATHS.	0	2	1	1
RATE (per 1,000 Population)	0	0.12	0.36	0.09
CANCER AND OTHER TUMOURS.				
Code Nos. 100 - 136. DEATHS.	32	2	4	5
RATE (per 1,000 Population)	1.21	0.12	1.46	0.46
DISEASES OF THE HEART AND CIRCULATORY SYSTEM.				
Code Nos. 350 - 368. DEATHS.	103	28	5	26
RATE (per 1,000 Population)	3.90	1.76	1.82	2.40
BRONCHITIS AND PNEUMONIA.				
Code Nos. 402 - 406. DEATHS.	14	35	5	19
RATE (per 1,000 Population)	0.53	2.20	1.82	1.84

* (Temporary Visitors and the Inmates of Gaols and Hospitals are not included)

BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.



(1) VITAL STATISTICS :POPULATION :

This is an estimate of the population as at June 30th, 1948, calculated for Vital Statistical purposes. Temporary Visitors, the inmates of the Mental Hospital and Fort Napier Mental Institution, the prisoners in the Gaols and the patients in the Hospitals and the Sanatorium are excluded. This estimate is based on the Municipal Census of March 10th, 1946.

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Male	12,720	10,810	1,326	5,860	17,996	30,716
Female	13,700	5,034	1,418	5,000	11,452	25,152
PERSONS	26,420	15,844	2,744	10,860	29,448	55,868

TOTAL BIRTHS REGISTERED.(1) RESIDENTS.

	<u>Male</u>		<u>Female</u>		<u>Persons</u>			Percentage of illeg. to all births	Birth Rate per 1,000 Population
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total		
European	339	3	362	0	701	3	704	0.4%	26.6
Native	59	89	63	92	122	181	303	59.7%	19.1
Coloured	47	16	58	12	105	28	133	21.1%	48.5
Asiatic	364	6	330	4	694	10	704	1.4%	64.8
All Non-Eur.	470	111	451	108	921	219	1,140	19.2%	38.71
All Races	809	114	813	108	1,622	222	1,844	12.0%	33.01

(2) NON-RESIDENTS.

	<u>Male</u>		<u>Female</u>		Leg.	<u>Persons</u>		Percentage of illeg. to all Births
	Leg.	Illeg.	Leg.	Illeg.		Illeg.	Total	
European	153	5	119	1	272	6	278	2.2%
Native	596	382	550	371	1,146	753	1,899	39.7%
Coloured	15	9	16	7	31	16	47	34.1%
Asiatic	31	7	33	4	64	11	75	14.7%
All Non-Eur.	642	398	599	382	1,241	780	2,021	38.6%
All Races	795	403	718	383	1,513	786	2,299	34.2%

All Birth Rates showed a small decrease this year.

The European Birth Rate decreased from 27.15 to 26.6. The Native Birth Rate decreased from 21 to 19.1. The Coloured Birth Rate decreased from 57.5 to 48.5 and the Indian Birth Rate decreased from 67.2 to 64.8.

This is to certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the Board of Directors of the City of New York, and that the same has been compared with the original and found to be correct.

1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	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D E A T H S

TOTAL DEATHS REGISTERED

(1) RESIDENTS

	M a l e		F e m a l e		P E R S O N S	
	Deaths	Rate per 1,000 Male Population	Deaths	Rate per 1,000 Female Population	Deaths	Death Rate
European	157	12.3	108	7.9	265	10.03
Native	121	11.1	73	14.5	194	12.21
Coloured	13	9.8	20	14.1	33	12.03
Asiatic	73	12.5	53	10.6	126	11.60
ALL NON-EUR.	207	11.45	146	12.75	353	11.99
ALL RACES	364	11.82	254	10.09	618	11.06

(2) NON-RESIDENTS.

European	:	92
Native	:	823
Coloured	:	24
Asiatic	:	43
All Non-Eur.	:	890
All Races	:	962

DEATHS. (Pages 5 - 7)

The European crude death rate dropped from 10.71 to 10.03. 56% of the deaths occurred in people over 65 years of age.

The Native death rate rose from 11.3 to 12.2. The Coloured death rate dropped from 12.4 to 12.03, and the Indian death rate dropped from 12.1 to 11.6. The death rate for all races was 11.1 as compared with 11.4 for last year.

The following figures indicate the percentage of deaths occurring below the age of 45 in the various races :-

European	:	18%
Native	:	72%
Coloured	:	70%
Asiatic	:	59%
All Non-European	:	68%

These figures once again show how much better the expectation of life is for Europeans than for the other classes of the community. The table on page 7 also indicates that two diseases generally associated with later life, viz. Cancer and Cardiac disease, far outweigh all other causes of death among Europeans. Among Non-Europeans, respiratory diseases, tuberculosis, heart disease and bowel infections, are the commonest causes of death. This year cardiac disease showed an increase in Europeans, and also registered a sharp increase in Natives, and a fairly sharp increase in Asiatics.

DEATH RATES (PER 1,000 POPULATION) : VARIOUS CAUSES
ABRIDGED LIST. (5th Decennial Revision)

RESIDENTS ONLY.

	European		Native		Coloured		Asiatic		All Non-Europeans		All Races	
1. Typhoid Fever	-	-	2	0.12	1	0.36	1	0.09	4	0.14	4	0.07
2. Plague	-	-	-	-	-	-	-	-	-	-	-	-
3. Meningococcal C.S. Meningitis	-	-	-	-	-	-	-	-	-	-	-	-
4. Scarlet Fever	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-
6. Diphtheria	1	0.04	1	0.06	2	0.72	2	0.18	5	0.17	6	0.11
7. Pulmonary T.B.	9	0.34	23	1.44	4	1.46	18	1.66	45	1.53	54	0.97
8. T.B. Non-Pulmonary	1	0.04	8	0.50	1	0.36	2	0.18	11	0.37	12	0.21
9. Leprosy	-	-	-	-	-	-	-	-	-	-	-	-
10. Malaria	-	-	-	-	-	-	-	-	-	-	-	-
11. Syphilis	1	0.04	7	0.44	-	-	-	-	7	0.24	8	0.14
12. Influenza	-	-	-	-	-	-	2	0.18	2	0.07	2	0.04
13. Smallpox	-	-	-	-	-	-	-	-	-	-	-	-
14. Measles	-	-	-	-	-	-	-	-	-	-	-	-
15. Typhus Fever	-	-	-	-	-	-	-	-	-	-	-	-
16. Cancer	32	1.21	2	0.12	4	1.46	5	0.46	11	0.37	43	0.77
17. Diabetes	2	0.08	1	0.06	-	-	-	-	1	0.03	3	0.05
18. Cerebral Haemorrhage etc.	28	1.06	7	0.44	-	-	8	0.74	15	0.51	43	0.77
19. Cardiac Disease	89	3.37	17	1.07	3	1.10	19	1.75	39	1.32	128	2.29
20. Oth. Dis. of Circulatory System	14	0.53	11	0.69	2	0.72	7	0.64	20	0.68	34	0.61
21. Bronchitis & Pneumonia	14	0.53	35	2.20	5	1.82	19	1.75	59	2.00	73	1.31
22. Miner's Phthisis without T.B.	-	-	-	-	-	-	-	-	-	-	-	-
23. Miner's Phthisis with T.B.	-	-	-	-	-	-	-	-	-	-	-	-
24. Oth. Respiratory Dis.	7	0.27	3	0.19	1	0.36	2	0.18	6	0.20	13	0.23
25. Ulcer of Stomach & duodenum	2	0.08	-	-	-	-	-	-	-	-	2	0.03
26. Diarrhoea & Enteritis (Under 2 years)	2	0.08	21	1.32	3	1.10	5	0.46	29	0.98	31	0.55
27. Appendicitis	1	0.04	-	-	-	-	-	-	-	-	1	0.02
28. Dis. of Liver & Biliary passages	1	0.04	2	0.12	-	-	2	0.18	4	0.14	5	0.09
29. Nephritis	11	0.42	1	0.06	-	-	2	0.18	3	0.10	14	0.25
30. Dis. of Pregnancy &c.	-	-	2	0.12	1	0.36	-	-	3	0.10	3	0.05
31. Cong. Malformations & Dis. of Early Infancy	10	0.38	14	0.88	1	0.36	8	0.74	23	0.78	33	0.59
32. Suicide	2	0.08	-	-	-	-	1	0.09	1	0.03	3	0.05
33. Oth. Violent deaths	5	0.19	9	0.56	-	-	6	0.55	15	0.51	20	0.36
34. Oth. defined causes	29	1.10	26	1.64	4	1.46	16	1.47	46	1.56	75	1.34
35. Causes ill-defined	4	0.15	2	0.12	1	0.36	1	0.09	4	0.14	8	0.14
TOTAL :	265	10.03	194	12.21	33	12.03	126	11.60	353	11.99	618	11.06

No.	Name	1900		1901		1902		1903		1904		1905		1906		1907		1908		1909		1910		1911		1912		1913		1914		1915		1916		1917		1918		1919		1920		1921		1922		1923		1924		1925		1926		1927		1928		1929		1930		1931		1932		1933		1934		1935		1936		1937		1938		1939		1940		1941		1942		1943		1944		1945		1946		1947		1948		1949		1950		1951		1952		1953		1954		1955		1956		1957		1958		1959		1960		1961		1962		1963		1964		1965		1966		1967		1968		1969		1970		1971		1972		1973		1974		1975		1976		1977		1978		1979		1980		1981		1982		1983		1984		1985		1986		1987		1988		1989		1990		1991		1992		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		2031		2032		2033		2034		2035		2036		2037		2038		2039		2040		2041		2042		2043		2044		2045		2046		2047		2048		2049		2050		2051		2052		2053		2054		2055		2056		2057		2058		2059		2060		2061		2062		2063		2064		2065		2066		2067		2068		2069		2070		2071		2072		2073		2074		2075		2076		2077		2078		2079		2080		2081		2082		2083		2084		2085		2086		2087		2088		2089		2090		2091		2092		2093		2094		2095		2096		2097		2098		2099		2100		2101		2102		2103		2104		2105		2106		2107		2108		2109		2110		2111		2112		2113		2114		2115		2116		2117		2118		2119		2120		2121		2122		2123		2124		2125		2126		2127		2128		2129		2130		2131		2132		2133		2134		2135		2136		2137		2138		2139		2140		2141		2142		2143		2144		2145		2146		2147		2148		2149		2150		2151		2152		2153		2154		2155		2156		2157		2158		2159		2160		2161		2162		2163		2164		2165		2166		2167		2168		2169		2170		2171		2172		2173		2174		2175		2176		2177		2178		2179		2180		2181		2182		2183		2184		2185		2186		2187		2188		2189		2190		2191		2192		2193		2194		2195		2196		2197		2198		2199		2200		2201		2202		2203		2204		2205		2206		2207		2208		2209		2210		2211		2212		2213		2214		2215		2216		2217		2218		2219		2220		2221		2222		2223		2224		2225		2226		2227		2228		2229		2230		2231		2232		2233		2234		2235		2236		2237		2238		2239		2240		2241		2242		2243		2244		2245		2246		2247		2248		2249		2250		2251		2252		2253		2254		2255		2256		2257		2258		2259		2260		2261		2262		2263		2264		2265		2266		2267		2268		2269		2270		2271		2272		2273		2274		2275		2276		2277		2278		2279		2280		2281		2282		2283		2284		2285		2286		2287		2288		2289		2290		2291		2292		2293		2294		2295		2296		2297		2298		2299		2300		2301		2302		2303		2304		2305		2306		2307		2308		2309		2310		2311		2312		2313		2314		2315		2316		2317		2318		2319		2320		2321		2322		2323		2324		2325		2326		2327		2328		2329		2330		2331		2332		2333		2334		2335		2336		2337		2338		2339		2340		2341		2342		2343		2344		2345		2346		2347		2348		2349		2350		2351		2352		2353		2354		2355		2356		2357		2358		2359		2360		2361		2362		2363		2364		2365		2366		2367		2368		2369		2370		2371		2372		2373		2374		2375		2376		2377		2378		2379		2380		2381		2382		2383		2384		2385		2386		2387		2388		2389		2390		2391		2392		2393		2394		2395		2396		2397		2398		2399		2400		2401		2402		2403		2404		2405		2406		2407		2408		2409		2410		2411		2412		2413		2414		2415		2416		2417		2418		2419		2420		2421		2422		2423		2424		2425		2426		2427		2428		2429		2430		2431		2432		2433		2434		2435		2436		2437		2438		2439		2440		2441		2442		2443		2444		2445		2446		2447		2448		2449		2450		2451		2452		2453		2454		2455		2456		2457		2458		2459		2460		2461		2462		2463		2464		2465		2466		2467		2468		2469		2470		2471		2472		2473		2474		2475		2476		2477		2478		2479		2480		2481		2482		2483		2484		2485		2486		2487		2488		2489		2490		2491		2492		2493		2494		2495		2496		2497		2498		2499		2500		2501		2502		2503		2504		2505		2506		2507		2508		2509		2510		2511		2512		2513		2514		2515		2516		2517		2518		2519		2520		2521		2522		2523		2524		2525		2526		2527		2528		2529		2530		2531		2532		2533		2534		2535		2536		2537		2538		2539		2540		2541		2542		2543		2544		2545		2546		2547		2548		2549		2550		2551		2552		2553		2554		2555		2556		2557		2558		2559		2560		2561		2562		2563		2564		2565		2566		2567		2568		2569		2570		2571		2572		2573		2574		2575		2576		2577		2578		2579		2580		2581		2582		2583		2584		2585		2586		2587		2588		2589		2590		2591		2592		2593		2594		2595		2596		2597		2598		2599		2600		2601		2602		2603		2604		2605		2606		2607		2608		2609		2610		2611		2612		2613		2614		2615		2616		2617		2618		2619		2620		2621		2622		2623		2624		2625		2626		2627		2628		2629		2630		2631		2632		2633		2634		2635		2636		2637		2638		2639		2640		2641		2642		2643		2644		2645		2646		2647		2648		2649		2650		2651		2652		2653		2654		2655		2656		2657		2658		2659		2660		2661		2662		2663		2664		2665		2666		2667		2668		2669		2670		2671		2672		2673		2674		2675		2676		2677		2678		2679		2680		2681		2682		2683		2684		2685		2686		2687		2688		2689		2690		2691		2692		2693		2694		2695		2696		2697		2698		2699		2700		2701		2702		2703		2704		2705		2706		2707		2708		2709		2710		2711		2712		2713		2714		2715		2716		2717		2718		2719		2720		2721		2722		2723		2724		2725		2726		2727		2728		2729		2730		2731	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SEASONAL OCCURRENCE OF DEATHSAMONG RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July 1947	25	8	33	9	7	16	0	0	0	4	4	8	13	11	24
August	18	7	25	11	4	15	1	0	1	10	7	17	22	11	33
September	9	11	20	15	8	23	0	1	1	3	4	7	18	13	31
October	14	7	21	8	4	12	3	2	5	7	2	9	18	8	26
November	8	13	21	3	7	10	2	5	7	6	1	7	11	13	24
December	12	4	16	11	8	19	1	2	3	8	6	14	20	16	36
January	11	12	23	19	8	27	0	2	2	5	8	13	24	18	42
February	6	7	13	11	3	14	3	2	5	7	4	11	21	9	30
March	9	8	17	5	11	16	0	4	4	10	4	14	15	19	34
April	11	13	24	10	2	12	2	1	3	1	3	4	13	6	19
May	11	7	18	8	4	12	0	0	0	2	2	4	10	6	16
June 1948	23	11	34	11	7	18	1	1	2	10	8	18	22	16	38
TOTAL :	157	108	265	121	73	194	13	20	33	73	53	126	207	146	353

DEATHS OF RESIDENTS GIVEN IN AGE GROUPS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 yr.	5	7	12	31	25	56	4	5	9	16	10	26	51	40	91
1 - 2 yrs.	1	1	2	10	10	20	1	3	4	3	5	8	14	18	32
2 - 4 "	2	2	4	0	6	6	1	0	1	3	5	8	4	11	15
5 - 14 "	0	1	1	6	3	9	1	2	3	4	3	7	11	8	19
15 - 24 "	7	0	7	5	9	14	1	1	2	3	2	5	9	12	21
25 - 34 "	3	3	6	11	3	14	0	0	0	5	5	10	16	8	24
35 - 44 "	14	4	18	18	2	20	0	4	4	6	4	10	24	10	34
45 - 54 "	10	7	17	23	7	30	1	1	2	5	5	10	29	13	42
55 - 64 "	30	20	50	10	3	13	0	3	3	7	6	13	17	12	29
65 - 74 "	41	25	66	5	2	7	3	1	4	13	5	18	21	8	29
75 & Over	44	38	82	2	3	5	1	0	1	8	3	11	11	6	17
TOTAL :	157	108	265	121	73	194	13	20	33	73	53	126	207	146	353

TABLE 1

Year	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
1	10	15	20	25	30	35	40	45	50	55	60	65	70	75
2	12	18	22	28	32	38	42	48	52	58	62	68	72	78
3	14	20	24	30	34	40	44	50	54	60	64	70	74	80
4	16	22	26	32	36	42	46	52	56	62	66	72	76	82
5	18	24	28	34	38	44	48	54	58	64	68	74	78	84
6	20	26	30	36	40	46	50	56	60	66	70	76	80	86
7	22	28	32	38	42	48	52	58	62	68	72	78	82	88
8	24	30	34	40	44	50	54	60	64	70	74	80	84	90
9	26	32	36	42	46	52	56	62	66	72	76	82	86	92
10	28	34	38	44	48	54	58	64	68	74	78	84	88	94
11	30	36	40	46	50	56	60	66	70	76	80	86	90	96
12	32	38	42	48	52	58	62	68	72	78	82	88	92	98
13	34	40	44	50	54	60	64	70	74	80	84	90	94	100
14	36	42	46	52	56	62	66	72	76	82	86	92	96	102
15	38	44	48	54	58	64	68	74	78	84	88	94	98	104
16	40	46	50	56	60	66	70	76	80	86	90	96	100	106
17	42	48	52	58	62	68	72	78	82	88	92	98	102	108
18	44	50	54	60	64	70	74	80	84	90	94	98	104	110
19	46	52	56	62	66	72	76	82	86	92	96	100	106	112
20	48	54	58	64	68	74	78	84	88	94	98	102	108	114
21	50	56	60	66	70	76	80	86	90	96	100	104	108	114
22	52	58	62	68	72	78	82	88	92	98	102	106	110	116
23	54	60	64	70	74	80	84	90	94	100	104	108	112	118
24	56	62	66	72	76	82	86	92	96	102	106	110	114	120
25	58	64	68	74	78	84	88	94	98	104	108	112	116	122
26	60	66	70	76	80	86	90	96	100	106	110	114	118	124
27	62	68	72	78	82	88	92	98	102	108	112	116	120	126
28	64	70	74	80	84	90	94	100	104	110	114	118	122	128
29	66	72	76	82	86	92	96	102	106	112	116	120	124	130
30	68	74	78	84	88	94	98	104	108	114	118	122	126	132
31	70	76	80	86	90	96	100	106	110	116	120	124	128	134
32	72	78	82	88	92	98	102	108	112	118	122	126	130	136
33	74	80	84	90	94	100	104	110	114	120	124	128	132	138
34	76	82	86	92	96	102	106	112	116	122	126	130	134	140
35	78	84	88	94	98	104	108	114	118	124	128	132	136	142
36	80	86	90	96	100	106	110	116	120	126	130	134	138	144
37	82	88	92	98	102	108	112	118	122	128	132	136	140	146
38	84	90	94	100	104	110	114	120	124	130	134	138	142	148
39	86	92	96	102	106	112	116	122	126	132	136	140	144	150
40	88	94	98	104	108	114	118	124	128	134	138	142	146	152
41	90	96	100	106	110	116	120	126	130	136	140	144	148	154
42	92	98	102	108	112	118	122	128	132	138	142	146	150	156
43	94	100	104	110	114	120	124	130	134	140	144	148	152	158
44	96	102	106	112	116	122	126	132	136	142	146	150	154	160
45	98	104	108	114	118	124	128	134	138	144	148	152	156	162
46	100	106	110	116	120	126	130	136	140	146	150	154	158	164
47	102	108	112	118	122	128	132	138	142	148	152	156	160	166
48	104	110	114	120	124	130	134	140	144	150	154	158	162	168
49	106	112	116	122	126	132	136	142	146	152	156	160	164	170
50	108	114	118	124	128	134	138	144	148	154	158	162	166	172
51	110	116	120	126	130	136	140	146	150	156	160	164	168	174
52	112	118	122	128	132	138	142	148	152	158	162	166	170	176
53	114	120	124	130	134	140	144	150	154	160	164	168	172	178
54	116	122	126	132	136	142	146	152	156	162	166	170	174	180
55	118	124	128	134	138	144	148	154	158	164	168	172	176	182
56	120	126	130	136	140	146	150	156	160	166	170	174	178	184
57	122	128	132	138	142	148	152	158	162	168	172	176	180	186
58	124	130	134	140	144	150	154	160	164	170	174	178	182	188
59	126	132	136	142	146	152	156	162	166	172	176	180	184	190
60	128	134	138	144	148	154	158	164	168	174	178	182	186	192
61	130	136	140	146	150	156	160	166	170	176	180	184	188	194
62	132	138	142	148	152	158	162	168	172	178	182	186	190	196
63	134	140	144	150	154	160	164	170	174	180	184	188	192	198
64	136	142	146	152	156	162	166	172	176	182	186	190	194	200
65	138	144	148	154	158	164	168	174	178	184	188	192	196	202
66	140	146	150	156	160	166	170	176	180	186	190	194	198	204
67	142	148	152	158	162	168	172	178	182	188	192	196	200	206
68	144	150	154	160	164	170	174	180	184	190	194	198	202	208
69	146	152	156	162	166	172	176	182	186	192	196	200	204	210
70	148	154	158	164	168	174	178	184	188	194	198	202	206	212
71	150	156	160	166	170	176	180	186	190	196	200	204	208	214
72	152	158	162	168	172	178	182	188	192	198	202	206	210	216
73	154	160	164	170	174	180	184	190	194	200	204	208	212	218
74	156	162	166	172	176	182	186	192	196	202	206	210	214	220
75	158	164	168	174	178	184	188	194	198	204	208	212	216	222
76	160	166	170	176	180	186	190	196	200	206	210	214	218	224
77	162	168	172	178	182	188	192	198	202	208	212	216	220	226
78	164	170	174	180	184	190	194	200	204	210	214	218	222	228
79	166	172	176	182	186	192	196	202	206	212	216	220	224	230
80	168	174	178	184	188	194	198	204	208	214	218	222	226	232
81	170	176	180	186	190	196	200	206	210	216	220	224	228	234
82	172	178	182	188	192	198	202	208	212	218	222	226	230	236
83	174	180	184	190	194	200	204	210	214	220	224	228	232	238
84	176	182	186	192	196	202	206	212	216	222	226	230	234	240
85	178	184	188	194	198	204	208	214	218	224	228	232	236	242
86	180	186	190	196	200	206	210	216	220	226	230	234	238	244
87	182	188	192	198	202	208	212	218	222	228	232	236	240	246
88	184	190	194	200	204	210	214	220	224	230	234	238	242	248
89	186	192	196	202	206	212	216	222	226	232	236	240	244	250
90	188	194	198	204	208	214	218	224	228	234	238	242	246	252
91	190	196	200	206	210	216	220	226	230	236	240	244	248	254
92	192	198	202	208	212	218	222	228	232	238	242	246	250	256
93	194	200	204	210	214	220	224	230	234	240	244	248	252	258
94	196	202	206	212	216	222	226	232	236	242	246	250	254	260
95	198	204	208	214	218	224	228	234	238	244	248	252	256	262
96	200	206	210	216	220	226	230	236	240	246	250	254	258	264
97	202	208	212	218	222	228	232	238	242	248	252	256	260	266
98	204	210	214	220	224	230	234	240	244	250	254	258	262	268
99	206	212	216	222	226	232	236	242	246	252	256	260	264	270
100	208	214	218	224	228	234	238	244	248	254	258	262	266	272
101	210	216	220	226	230	236	240	246						

(1) Vital Statistics. Cont'd.SUMMARY OF CAUSES OF DEATH

(Classified into groups and expressed as Percentage of all deaths)

RESIDENTS ONLY.

	European	Native	Coloured	Asiatic
Acute Exanthemata	1 : 0.4%	3 : 1.5%	3 : 10.0%	3 : 2.4%
Tuberculosis (All forms)	10 : 3.8%	31 : 16.0%	5 : 16.7%	20 : 15.9%
Syphilis	1 : 0.4%	7 : 3.6%	0 : 0	0 : 0
Other Parasitic & Infectious Diseases	2 : 0.8%	2 : 1.0%	1 : 3.3%	4 : 3.1%
Cancer	32 : 12.1%	2 : 1.0%	4 : 13.3%	5 : 4.0%
Diabetes	2 : 0.8%	1 : 0.5%	0 : 0	0 : 0
Cerebral Haemorrhage, Thrombosis and Embolism	27 : 10.2%	7 : 3.6%	0 : 0	8 : 6.3%
Cardiac Diseases and Other Diseases of Circulatory System	103 : 38.9%	28 : 14.4%	5 : 16.7%	26 : 20.6%
Respiratory Diseases (Non-Tuberculous)	21 : 7.9%	38 : 19.6%	6 : 20.0%	21 : 16.6%
Enteritis and Diarrhoea (Under 2 years)	2 : 0.8%	21 : 10.8%	3 : 10.0%	5 : 4.0%
Nephritis	11 : 4.2%	1 : 0.5%	0 : 0	2 : 1.6%
Diseases Peculiar to First Year of Life	9 : 3.4%	13 : 6.7%	1 : 3.3%	8 : 6.3%
Senility	15 : 5.7%	3 : 1.5%	0 : 0	8 : 6.3%
Deaths from Violence	7 : 2.6%	9 : 4.6%	0 : 0	7 : 5.6%
Other Causes	: 8%	: 14.7%	: 6.7%	: 7.3%
TOTAL :	265 :	194 :	33 :	126 :

REPORT OF THE

COMMISSIONERS OF THE LAND OFFICE

1880

Date	Particulars	Debit	Credit	Balance
1879				
Jan 1	Balance forward			100.00
Feb 1	Received from		50.00	150.00
Mar 1	Received from		75.00	225.00
Apr 1	Received from		100.00	325.00
May 1	Received from		125.00	450.00
Jun 1	Received from		150.00	600.00
Jul 1	Received from		175.00	775.00
Aug 1	Received from		200.00	975.00
Sep 1	Received from		225.00	1200.00
Oct 1	Received from		250.00	1450.00
Nov 1	Received from		275.00	1725.00
Dec 1	Received from		300.00	2025.00
1880				
Jan 1	Balance forward			2025.00
Feb 1	Received from		325.00	2350.00
Mar 1	Received from		350.00	2700.00
Apr 1	Received from		375.00	3075.00
May 1	Received from		400.00	3475.00
Jun 1	Received from		425.00	3900.00
Jul 1	Received from		450.00	4350.00
Aug 1	Received from		475.00	4825.00
Sep 1	Received from		500.00	5325.00
Oct 1	Received from		525.00	5850.00
Nov 1	Received from		550.00	6400.00
Dec 1	Received from		575.00	6975.00
1881				
Jan 1	Balance forward			6975.00
Feb 1	Received from		600.00	7575.00
Mar 1	Received from		625.00	8200.00
Apr 1	Received from		650.00	8850.00
May 1	Received from		675.00	9525.00
Jun 1	Received from		700.00	10225.00
Jul 1	Received from		725.00	10950.00
Aug 1	Received from		750.00	11700.00
Sep 1	Received from		775.00	12475.00
Oct 1	Received from		800.00	13275.00
Nov 1	Received from		825.00	14100.00
Dec 1	Received from		850.00	14950.00
1882				
Jan 1	Balance forward			14950.00
Feb 1	Received from		875.00	15825.00
Mar 1	Received from		900.00	16725.00
Apr 1	Received from		925.00	17650.00
May 1	Received from		950.00	18600.00
Jun 1	Received from		975.00	19575.00
Jul 1	Received from		1000.00	20575.00
Aug 1	Received from		1025.00	21600.00
Sep 1	Received from		1050.00	22650.00
Oct 1	Received from		1075.00	23725.00
Nov 1	Received from		1100.00	24825.00
Dec 1	Received from		1125.00	25950.00

TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE.

RESIDENTS ONLY. (Where the diagnosis has been altered subsequent to notification,
(the case has been excluded from this total of notifications.)

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Enteric Fever	6	9	6	9	24	30
Pulmonary Tuberculosis	23 ¹	49	9	32	90	113
Tuberculosis - Other Forms	5 ^o	9	1	4	14	19
Scarlet Fever	24	-	-	-	-	24
Diphtheria	10*	4	5*	14	23	33
Murine Typhus Fever	1	1	-	-	1	2
Amoebic Dysentery (Removed from list of (notifiable diseases) (28/11/47.))	11	13	5	6	24	35
Ophthalmia Neonatorum	1	1	-	-	1	2
Erysipelas	2	1	-	-	1	3
Anterior Poliomyelitis	24	1	-	2	3	27
Puerperal Sepsis	1	1	-	1	2	3
Pemphigus Neonatorum	-	2	-	1	3	3
Cerebrospinal Fever (Meningococcal Meningitis)	-	3	-	1	4	4
TOTAL :	108	94	26	70	190	298

* Includes one "Carrier".

o Includes one case also notified as suffering from Pulmonary Tuberculosis.

1 Includes one case also notified as suffering from Non-Pulmonary T.B.

INCIDENCE per 1,000 POPULATION.

	European	Native	Coloured	Asiatic	All Non-European	All Races
Enteric Fever	6 : 0.23	9 : 0.57	6 : 2.18	9 : 0.83	24 : 0.82	30 : 0.54
Pulmonary T.B.	23 : 0.87	49 : 3.40	9 : 3.28	32 : 2.95	90 : 3.06	113 : 2.02
T.B. Oth. Forms	5 : 0.19	9 : 0.57	1 : 0.36	4 : 0.36	14 : 0.48	19 : 0.34
Scarlet Fever	24 : 0.91	- : -	- : -	- : -	- : -	24 : 0.43
Diphtheria	10 : 0.37	4 : 0.24	5 : 1.82	14 : 1.29	23 : 0.78	33 : 0.59
Murine Typhus Fever	1 : 0.04	1 : 0.06	- : -	- : -	1 : 0.04	2 : 0.04
Ophthalmia Neonatorum	1 : 0.04	1 : 0.06	- : -	- : -	1 : 0.04	2 : 0.04
Erysipelas	2 : 0.08	1 : 0.06	- : -	- : -	1 : 0.04	3 : 0.05
Anterior Poliomyelitis	24 : 0.91	1 : 0.06	- : -	2 : 0.18	3 : 0.10	27 : 0.48
Puerperal Sepsis	1 : 0.04	1 : 0.06	- : -	1 : 0.09	2 : 0.07	3 : 0.05
Pemphigus Neonatorum	- : -	2 : 0.12	- : -	1 : 0.09	3 : 0.10	3 : 0.05
C.S. Fever	- : -	3 : 0.19	- : -	1 : 0.09	4 : 0.14	4 : 0.07

(2) INFECTIOUS DISEASE.

There were 298 notifications of infectious disease, a small decrease on the total of 310 recorded for the previous year. (See page 8)

ISOLATION HOSPITAL (EUROPEAN INFECTIOUS DISEASE) (Page 55)

Altogether 189 patients were admitted during the year, 158 Borough and 31 Out-of-Borough. Figures for previous years were :-

1936-37 : 183;	1937-38 : 215;	1938-39 : 216;	1939-40 : 307;	1940-41 : 405
1941-42 : 259;	1942-43 : 334;	1943-44 : 318;	1944-45 : 159;	1945-46 : 193
1946-47 : 170.				

Cases of Tuberculosis, Puerperal Sepsis and Typhoid Fever, are provided for at Grey's Hospital - the Provincial General Hospital - and the King George V Hospital for Tuberculosis, in Durban. Europeans needing hospitalisation for Venereal Disease are sent by arrangement to Addington Hospital, Durban. Cases of Anterior Poliomyelitis are now admitted to the Isolation Hospitals for the first 3 weeks (the presumably Infectious period) of their illness.

NON-EUROPEAN INFECTIOUS DISEASE HOSPITAL (Page 55)

Admissions totalled 304, 96 Borough, and 208 Out-of-Borough cases. Admissions since the opening of this hospital have been as follows :-

1942-43 : 252;	1943-44 : 344;	1944-45 : 332;	1945-46 : 238;	1946-47 : 305.
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INFECTIOUS DISEASES HOSPITALISATION.

In the last two reports mention was made of the Council's negotiations with the Natal Provincial Administration on the Co-ordination of all the Infectious Diseases Hospitals for Pietermaritzburg City, the Peri-Urban Areas and the surrounding district, in order to overcome the difficulties and costs associated with the Administration of small scattered hospital units.

The Provincial Administration subsequently put forward to the City Council certain proposals by which the Infectious Diseases Hospitals would be built in association with the Provincial General Hospitals. In view of the Government's proposals to amend the Public Health Act so as to enable Local Authorities to hand over to the Government all their Personal Health Services, the Co-ordination Scheme has been reconsidered by the City Council in the light of these Government proposals, and it was decided not to adopt the Provincial Council's proposals, and a new scheme is now being prepared by the City Council.

AMBULANCE.

The following figures have been furnished by the courtesy of the City Engineer :-

- (1) Total number of cases removed : 5,372
- (2) Infectious Cases Removed : 2,018

LABORATORY WORK.

Laboratory work done by the Pathologist, Dr. D.G. Cowie :-

Swabs for Diphtheria Bacilli	209
Swabs for Haemolytic Streptococci	72
Smears for Gonococcus, Vincents', Thrush	13
Sputum (T.B., fungus, organisms etc.)	23
Spinal Fluids	60
Bloods (Weil Felix, Widal, W.R.)	13
Stools (B. Typhosus)	15
Stools (T.B.)	18
Stools (E. Histolytica)	71
Stools (Parasites, etc.)	27
Urines (Chemical, microscopic, etc.)	13
Urines (B. Typhosus)	11
Urines (T.B.)	6
Pleural Fluids	2
Total C/F	553

LABORATORY WORK. Cont'd.

Total B/F .. 553

Milks - for Bacterial Count	77
Sections	2
Sweets (Bacteriological Examination)	1
TOTAL :	633

Work done in Departmental Laboratory :-

Mosquito Larvae examined : 4,450

NOTIFIABLE INFECTIOUS DISEASE

- (a) ANTHRAX. No cases notified.
- (b) SMALLPOX. No cases were notified and no cases of this disease were admitted to the Pietermaritzburg hospitals during the year.
- (i) VACCINATION.

Vaccination at the Municipal Pass Office is carried out on every unvaccinated or inadequately vaccinated registrant at the Pass Office. (See Page 22)

In addition, since the Smallpox Epidemic of 1944, vaccination of infants (all races) has been carried out at the Municipal Infant Welfare Clinics, and adults applying to the Public Health Department are also vaccinated. This service serves to supplement the very limited free service available to the public through the Public Vaccination carried out by the District Surgeon, viz. 1 session every alternate week for Europeans and Non-Europeans.

The Registrar of Vaccination has supplied the following figures of total Vaccinations in Pietermaritzburg for the year :-

Successful Vaccinations	419
Insusceptible to Vaccination	21
Exempted from Vaccination	1

The number of Vaccinations carried out by this Department at its Clinics during this period was 731 (Eur. 253; Nat. 109; Col. 128; As. 241).

(ii) HOSPITAL ACCOMMODATION.

No proper provision has yet been made for the hospitalisation of Smallpox cases. Portion of the Venereal Diseases Hospital used for the reception of Non-European Smallpox cases during the epidemic of 1944, is still being reserved against the possibility of cases being received.

The provision of a special Smallpox (Formidable Epidemic) Hospital has been accepted by the City Council as a portion of the whole Infectious Diseases Hospitalisation Scheme which it is now considering. (See Infectious Diseases Hospitalisation, Page 9)

(c) DIPHTHERIA.

The total number of cases notified was 33, as compared with 39 for last year, and 1 European, 1 Native, 2 Coloureds and 2 Asiatics, died from this disease.

Immunisation, particularly of pre-school children, was continued throughout the year, a total of 774 children having completed the immunising course at the Infant Clinics, (275 of these being European, the same figure as last year). The main method employed of urging the need for immunisation is persuasion by the Health Visitor in the course of her routine visits, stress being laid on the need for immunising the pre-school child. Until about three quarters of the child population of Pietermaritzburg is immunised (a goal we are still far from attaining) there is not likely to be any permanent decrease in the incidence of this disease.

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DIPHTHERIA. Cont'd.

3 Cases of Diphtheria were notified in European children who had been previously immunised, one being a "virulent" carrier. These were all mild cases. The unimmunised brother of the "carrier" child died of the disease.

The following table gives the Total Births, the Notifications and Deaths from Diphtheria, and Number of Children Immunised by the Public Health Department since 1937 :-

DIPHTHERIA

R	EUROPEANS				NATIVES				COLOURED S				ASIATICS			
	Bir-ths	Immu-nised	Noti-fica-tions	Dea-ths	Bir-ths	Immu-nised	Noti-fica-tions	Dea-ths	Bir-ths	Immu-nised	Noti-fica-tions	Dea-ths	Bir-ths	Immu-nised	Noti-fica-tions	Dea-ths
-8	352	-	25	1	187	-	2	1	75	-	-	-	238	-	2	-
-9	405	-	32	2	232	-	5	-	82	-	2	1	198	-	2	-
-10	403	18	41	3	199	-	2	-	86	-	2	1	149	-	5	-
-1	428	140	18	-	209	-	1	-	73	155	2	-	398	-	8	1
-2	515	191	25	1	217	-	4	-	114	23	-	-	425	56	2	1
-3	454	412	31	1	239	-	5	-	94	2	2	-	500	36	1	-
-4	550	447	53	1	274	33	16	2	104	16	3	-	526	-	4	1
-5	526	315	33	3	262	125	26	-	116	2	2	-	581	6	6	-
-6	587	225	36	-	189	91	9	1	103	66	5	2	558	46	10	1
-7	697	275	14	-	315	81	13	2	149	192	-	-	711	138	13	2
-8	704	275	10	1	303	118	4	1	133	120	5	2	704	261	14	2

No figures are available of the number of persons immunised by private practitioners.

1) SCARLET FEVER.

24 Cases were notified as compared with 13 cases last year, and 37 the year prior to that. The disease continued to be mild.

2) CEREBRO-SPINAL MENINGITIS.

4 Cases were notified during the year, the same total as last year.

3) ANTERIOR POLIOMYELITIS.

27 Cases were notified after 2 years of complete freedom from this disease, Pietermaritzburg suffering from the most severe epidemic outbreak it has yet experienced, as part of the widespread epidemic of this disease which occurred in the Union.

The first case occurred in December, 1947, a school girl. Actually this case was only diagnosed in retrospect and notified 4 months later when it was realised that the weakness complained of was probably due to a previous attack of Poliomyelitis.

The next case occurred in February, a school boy, and within a period of 3 weeks, up to the end of February, 7 cases (4 school children and 3 pre-school children) were notified. There were no further cases, despite the fact that schools remained open for the next 3½ weeks, during the whole of March.

4 Cases then occurred, pre-school children, during school holiday time, and the Junior and Senior Schools were allowed to re-open at the normal time, but all infant and nursery schools were not permitted to re-open until the end of April.

During April and May cases occurred at close intervals, and towards the end of June the intervals between cases began to lengthen (see Fig. 1 - opposite).

(Although this Annual Report covers the period up to June the 30th, for the purpose of completeness the graph is extended up to the occurrence of the last case of the outbreak).

It does not seem possible to draw any conclusions against or in favour of school closure from our experience in Pietermaritzburg. Fly prevalence was particularly low this year in Pietermaritzburg. The Municipal Swimming Baths were closed for

ANTERIOR POLIOMYELITIS. Cont'd.

the winter on April 14th, a fortnight earlier than usual, and re-opened normally on October 1st. It cannot be said that the closing made any difference to the outbreak; only 4 of the 14 cases which occurred up to April 14th, had patronised the Municipal Baths.

32 persons (27 Europeans, 1 Native & 4 Asiatics) who were notified as cases of Poliomyelitis between September, 1947, and October, 1948, were followed up to determine the end results of the disease.

1 European and 1 Asiatic died. (6%)

4 European patients developed no paralysis at all, and a further 14 (11 Europeans and 3 Asiatics) had recovered completely with no residual paralysis, i.e. 56% of the cases had totally recovered.

28% showed residual slight to moderate paralysis.

9% " " severe paralysis.

MURINE TYPHUS FEVER.

2 Cases of Murine Typhus Fever were notified. In one of these cases only could an associated rodent infestation be demonstrated.

ENTERIC FEVER.

30 Cases were notified, 6 Europeans and 24 Non-Europeans, a small drop on last year's total of 37.

Of these notifications in 1 European, 3 Natives and 1 Asiatic, the infection was probably contracted outside the City.

In 3 European, 3 Native and 2 Asiatic cases the diagnosis was not confirmed bacteriologically, and in one of the Native cases the clinical course of the disease was not like Typhoid Fever.

In 2 Native cases and in 2 Asiatic cases, the final diagnosis was "Not Typhoid Fever", and in 1 Coloured case the diagnosis was doubtful.

No epidemic outbreak of this disease occurred this year.

138 Persons were immunised, 65 Europeans, 12 Natives, 25 Coloureds and 36 Asiatics. The method employed was two injections of Endotoxoid (S.A.I.M.R.). All those immunised were contacts of patients suffering from Typhoid Fever.

PUERPERAL SEPSIS.

3 Notifications were recorded (half of last year's total), viz. 1 European, 1 Native and 1 Asiatic.

The European case was delivered in Hospital and had a "Retained Placenta".

The Native case was delivered in Hospital - Premature delivery and macerated foetus.

The Asiatic case was delivered at home - a normal confinement - assisted by an "aunt", who was not a trained or 'listed' midwife.

AMOEBIIC DYSENTERY.

This disease was removed from the list of "Notifiable Infectious Diseases" on 28/11/47, and up till then 35 notifications were received (11 European, 13 Native, 5 Coloured and 6 Asiatic). Of the cases investigated, 5 were probably infected outside of the City (1 European, 4 Natives), while in 6 cases (1 European, 3 Natives, 1 Coloured & 1 Asiatic) the diagnosis is not known to have been confirmed by bacteriological examination.

4. The laboratory reports were analysed in the following groups of cases.

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AMOEBIIC DYSENTERY. Cont'd.

- (1) Acute and recent cases : Chief symptoms :- Dysentery, Diarrhoea and abdominal pain.

Vegetative Forms of E. Histolytica found in 2 European, 7 Native and 2 Coloured cases Total 11

Cystic Forms of E. Histolytica found - No cases " 0

- (2) Chronic cases : Chief complaints :- Dysentery, Diarrhoea, Abdominal Pain and Constipation, Tiredness.

Vegetative Forms of E. Histolytica found in 2 European, 3 Native and 3 Asiatic cases Total 8

Cystic Forms of E. Histolytica found in 2 European & 1 Asiatic case . " 3

- (3) Amoebiasis : No abdominal complaints: Examined as contacts :-

Vegetative Forms of E. Histolytica found in - Nil

Cystic Forms of E. Histolytica found in 3 Coloured cases Total 3

B. The average duration of the chronic cases was :

Europeans (3 cases)	.....	7 months.
Natives (1 case)	.....	6 months.
Asiatics (4 cases)	.....	$3\frac{8}{12}$ years (ranging from 8 months to 10 years.)

- C. An important aspect of this disease is the tendency for the patient after treatment to relapse into the carrier condition, thus becoming, we believe, the focus of infection in the community and the disseminator of further infection.

A few cases have been followed up from this point of view with the following results :-

1. Cases re-examined 3 months after treatment :

	European	Native	Coloured	Asiatic
No. of Cases	2	4	3	1
No. found Positive	0	0	0	0

2. Cases re-examined 6 months after treatment.

	European	Native	Coloured	Asiatic
No. of Cases	1	1	2	1
No. found Positive	1	1	0	1

Thus of a total of 15 cases followed up, 3 (20%) had relapsed to the carrier state the end of 6 months.

- D. Investigation was also made in a few cases in order to determine whether the family contacts, particularly the household cook, were possible sources of infection.

9 Families were investigated (2 European, 3 Native, 2 Coloured and 2 Asiatic), a total of 33 contacts being examined, 4 of them proving to be carriers of E. Histolytica.

In 8 families (2 European, 3 Native, 2 Coloured and 1 Asiatic) the cook was found to be negative.

/In

The first part of the report deals with the general situation of the country. It is a very interesting and informative study of the country's history and its present state. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country.

The second part of the report deals with the economic situation of the country. It is a very interesting and informative study of the country's economy and its present state. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country.

The third part of the report deals with the social situation of the country. It is a very interesting and informative study of the country's society and its present state. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country.

The fourth part of the report deals with the political situation of the country. It is a very interesting and informative study of the country's politics and its present state. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country.

The fifth part of the report deals with the cultural situation of the country. It is a very interesting and informative study of the country's culture and its present state. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country.

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

The sixth part of the report deals with the future of the country. It is a very interesting and informative study of the country's future and its present state. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country.

The seventh part of the report deals with the conclusion of the study. It is a very interesting and informative study of the country's future and its present state. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country.

3) AMOEBIIC DYSENTERY. Cont'd.

In one Asiatic family the cook was the notified case, and only one other member of the family out of eight examined was found to be a positive carrier.

In one Native family, the cook was the notified case, but the household contacts were negative, though one was reported a year previously as a positive case, had been treated, and was still negative. The cook in this case was probably the victim and not the villain.

Because of the limited laboratory facilities available, only single stool specimens were examined in contacts and only direct examination was employed, so that it can be taken that the results reported are an understatement of the true position.

The removal of this disease from the list of notifiable diseases has ended the possibility of control of the patient by this Department. An attempt was made by this Department to obtain notifications on a voluntary basis, but this proved a complete failure. With no knowledge of cases, we are unable to investigate contacts and look for sources of infection, and we are unable to follow-up to see whether re-treatment is necessary and urge it when necessary.

The Native is the most frequent sufferer from this disease and has been shown to be the chief "carrier" of this disease in the community. He is never more than a casual attendant at a doctor's surgery or hospital outpatient department, and we can be sure that without the health department taking active steps to follow him up, that no follow-up will be done. This disease with its very high relapse rate is, therefore, bound to increase in its incidence.

(3) TUBERCULOSIS. (Pages 39 - 40)

Notifications of Pulmonary Tuberculosis totalled 113, an increase on last year's total of 99, 23 of these being of Europeans. Notifications of Non-Pulmonary Tuberculosis totalled 19 (5 European) as compared with the previous year's total of 14.

25 Borough cases (10 Natives, 5 Coloureds and 10 Asiatics) were admitted to the Tuberculosis block (24 beds) of the Non-European Infectious Diseases Hospital (9 of these being transferred from Grey's Hospital Wards).

During the year 32 Borough cases were admitted to Grey's and Other Hospitals (11 European, 12 Native, 3 Coloured and 6 Asiatic). 5 Borough and 14 Out-of-Borough cases were admitted direct from the T.B. Clinic to Hospital. 4 Europeans, 1 Native, and 1 Asiatic were sent to the King George V-Springfield Hospital for Tuberculosis, in Durban.

The scheme of subsidising rentals in tubercular families at the Sobantu Village, where a larger house was necessary to ensure the isolation of the infectious case in the home, was continued during the year, and 1 family was assisted in this way. Control by the Native Health Assistant is maintained to ensure that isolation is observed, but constant vigilance is needed and the patient's response is not satisfactory.

The Natal Anti-Tuberculosis Association made grants to 20 families in Pietermaritzburg (2 European, 9 Native, 3 Coloured and 6 Asiatic), to enable the breadwinner to accept hospital treatment.

The following tables illustrate the trend in notifications and deaths from this disease over the period 1934 - 1948 :-

/PULMONARY TUBERCULOSIS

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(3) TUBERCULOSIS. Cont'd.PULMONARY TUBERCULOSIS

	NOTIFICATIONS						DEATHS					
	Eur:	Nat:	Col:	As:	All Non-Eur:	Total	Eur:	Nat:	Col:	As:	All Non-Eur:	Total
1934-35	7	35	12	31	78	85	4	25	7	8	40	44
1935-36	17	38	15	32	85	102	2	14	3	12	29	31
1936-37	8	40	8	20	68	76	4	18	7	17	42	46
1937-38	17	40	15	14	69	86	7	29	7	7	43	50
1938-39	15	40	15	10	65	80	5	19	6	8	33	38
1939-40	7	23	7	17	47	54	4	15	7	9	31	35
1940-41	7	13	11	7	31	38	3	19	1	6	29	32
1941-42	8	22	6	18	46	54	5	9	1	15	25	30
1942-43	8	29	2	27	58	66	5	13	2	16	31	36
1943-44	5	23	3	24	50	55	3	14	4	14	32	35
1944-45	13	52	5	30	87	100	3	14	4	11	29	32
1945-46	12	60	10	24	94	106	10	24	6	12	42	52
1946-47	10	51	13	25	89	99	11	31	6	11	48	59
1947-48	23*	49	9	32	90	113	9	23	4	18	45	54

* Includes 1 case also notified as Non-Pulmonary Tuberculosis.

NON-PULMONARY TUBERCULOSIS

	NOTIFICATIONS						DEATHS					
	Eur:	Nat:	Col:	As:	All Non-Eur:	Total	Eur:	Nat:	Col:	As:	All Non-Eur:	Total
1934-35	1	4	0	3	7	8	2	6	0	1	7	9
1935-36	3	3	1	6	10	13	1	2	0	2	4	5
1936-37	2	8	0	5	13	15	1	4	0	3	7	8
1937-38	5	10	3	6	19	24	3	1	2	3	6	9
1938-39	1	3	0	3	6	7	0	2	0	2	4	4
1939-40	2	3	1	3	7	9	1	2	1	0	3	4
1940-41	3	2	0	3	5	8	2	1	0	0	1	3
1941-42	2	7	2	7	16	18	1	3	1	3	7	8
1942-43	1	3	4	2	9	10	1	1	1	3	5	6
1943-44	1	4	0	3	7	8	0	5	1	3	9	9
1944-45	2	6	1	8	15	17	0	3	2	5	10	10
1945-46	1	5	3	3	11	12	1	4	1	3	8	9
1946-47	1	8	3	2	13	14	0	11	3	3	17	17
1947-48	5*	9	1	4	14	19	1	8	1	2	11	12

* Includes 1 case also notified as Pulmonary Tuberculosis.

These figures show a definite increase on last year's total of notifications, though the number of deaths has decreased, suggesting, therefore, an improvement in notification rather than an actual increase in the disease. In 4 cases (2 European, 1 Native and 1 Asiatic) the diagnosis was subsequently found to be wrong.

No less than 9 notifications (all Natives) were received from one of the Mental Hospitals in the City.

In 6 families (2 European, 2 Native, 1 Coloured and 1 Asiatic) secondary cases of active tuberculosis were reported; in one of the Native families 2 secondary cases were reported. It is almost impossible to secure suitable isolation in tuberculous homes, because of the very conditions of overcrowding and poverty that lead to the development of the disease. Forcible removal of cases from unsuitable homes is sometimes necessary, and for this adequate hospital bed accommodation is a prerequisite.

The Tuberculosis Clinic : (Page 45)

The routine clinical and x-ray examination of all contacts of cases of Tuberculosis notified, was carried out at the Tuberculosis Clinic. During the year there were 1,211 attendances at the Clinic (including 363 Out-of-Borough cases), while 3,068 visits

/were

3) TUBERCULOSIS. Cont'd.

were made to tuberculotics and contacts in their homes. (Borough cases only)
45 Contacts were examined and x-rayed at the Tuberculosis Clinic (including 11 Out-of-Borough Contacts). The decrease in contact examination was due to restrictions imposed owing to shortages of staff in the x-ray department at Grey's Hospital.

The Tuberculosis Hospital : (Non-European Only)

Admissions totalled 75, 25 Borough cases (10 Native, 5 Coloured and 10 Asiatic) and 50 Out-of-Borough cases (44 Native, 2 Coloured and 4 Asiatic). The annual case load per bed, therefore, increased considerably this year as compared with last year :-

1942-1943	Annual Case Load per Bed	.....	3.6 patients
1943-1944	" " " " "	.....	4.0 "
1944-1945	" " " " "	.....	2.8 "
1945-1946	" " " " "	.....	1.8 "
1946-1947	" " " " "	.....	2.0 "
1947-1948	" " " " "	.....	3.1 "

If the number of Pietermaritzburg (Non-European) cases admitted to other hospitals is taken into account, viz. 21, it would appear that the hospital accommodation provided (24 beds) would just about suffice for Pietermaritzburg City's own needs, but the proportion of Out-of-Borough cases admitted creates a shortage for Pietermaritzburg cases, and additional beds are needed. Considerable delay is also being experienced in securing the admission of European cases to the King George V-Springfield Hospital for Tuberculosis, in Durban.

(4) VENEREAL DISEASE. (Pages 46 - 54)

(a)(b) & (c) Clinics for all races are held once weekly at Grey's Hospital and are conducted by the Medical Officer of Health and the Assistant Medical Officers of Health. One European Health Visitor, 2 Native Nurses, 1 Native Orderly and 3 Native Health Assistants, assist at the Female Clinics, while the Health Visitor, a European Male Nurse, a Native Orderly and 3 Native Health Assistants, assist at the Male Clinics. Two Native Health Assistants devote their full time to Venereal Diseases. The European Male Nurse, 1 Native Nurse and the Native Orderly are from the Staff of the Non-European Venereal Diseases Hospital, thus providing an effective link between the Clinic and the Venereal Diseases Hospital.

(d) Every effort is made to trace contacts and to follow-up cases to ensure completion of treatment. A European Health Visitor deals with the investigation and follow-up of European, Coloured and Asiatic cases, and supervises the work of the Native Health Assistants who deal with Natives only. Action through the Magistrate has been taken in the case of a few defaulters from the Clinic, and the patient has responded quickly.

It has been found that the Health Visitor is quite readily able to deal with the Male and Female cases, and to achieve useful results in all of the races in regard to improved attendance of defaulters at the Clinics. Personal visiting has been found the most effective method, and letters have also been of use, but the telephone is not used to any extent.

Only the following percentage of new cases would divulge the names of contacts/sources of infection :-

Europeans : 25% Coloureds : 26% Asiatics : 20%

This refusal appears to be deliberate in a number of cases, but in many cases, particularly Europeans, appears to be genuinely due to the casual nature of the contact coupled with alcoholic excess at the time. In many cases the marital partner is named, but we believe that the true source of the infection is extra-marital and is being concealed; this applies particularly in the case of Asiatics. Of the contacts named, 2 European female contacts were found to be free of infection and the third was found to be actively infectious. All the European male, and all the Asiatic and Coloured contacts brought to

/Clinic

4) VENEREAL DISEASE. Cont'd.

Clinic were found to have positive serology, but no clinical evidence of active infection.

- (e) This Local Authority does not conduct the Ante-Natal Clinics held in Pietermaritzburg. The Medical Superintendent, Grey's Hospital, advises that the results of routine Wassermann Tests at the Ante-Natal Clinics are as follows :-

	EUROPEAN		NATIVE		COLOURED		ASIATIC	
	No. of Tests	% Positive	No. of Tests	% Positive	No. of Tests	% Positive	No. of Tests	% Positive
1945-46	180	0.6%	2,860	11.8%	149	7.7%	636	2.4%
1946-47	185	0.5%	2,963	16.8%	465	1.9%	1,423	1.6%
1947-48	193	1.6%	3,053	9.3%	155	3.2%	772	2.2%

- (f) The average annual attendance of patients suffering from Venereal Disease at the Clinics was as follows :-

	EUROPEAN				NATIVE				COLOURED				ASIATIC			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1943-44	14.1	3.7	2.5	6.7	3.6	2.8	2.9	4.1	2.7	6.1	2.4	2.6	3.5	3.5	7.3	1.1
1944-45	7.6	11.2	3.5	7.0	9.8	7.7	4.7	6.7	7.5	11.2	16.2	8.9	7.7	9.3	9.0	8.0
1945-46	7.7	5.9	13.5	6.7	10.1	8.9	6.4	7.5	4.0	8.4	10.8	7.4	5.7	6.9	6.2	6.9
1946-47	10.3	5.4	11.4	35.5	9.3	8.1	5.6	6.7	8.3	10.1	7.2	5.3	8.0	6.4	3.0	3.4
1947-48	15.3	5.6	9.5	6.6	9.5	7.5	5.0	5.3	10.1	8.2	3.5	7.4	8.3	8.0	4.6	2.7

These figures are arrived at by dividing the total number of Clinic Attendances for the year by the number of patients who attended the Clinics during the year.

- (g) A big increase in Clinic Attendances has been recorded, there being 22,696 attendances during the year as compared with last year's total of 21,692. 2,417 Home Visits were paid to cases of Venereal Disease, as compared with last year's total of 2,915. The regular attendance of many of the patients, extending in many cases through 5 and 6 Courses of treatment, is largely due to this follow-up work.

EPIDEMIC HOSPITAL. (Non-European V.D.)

Admissions to this hospital totalled 2,627, this year again showing a very big increase on the previous year's total of 2,299, the daily average of in-patients totalling 107 as compared with 92 last year.

This increase consisted almost entirely of Native patients. The percentage increases were Borough Cases : Native Males : 8%
" Females : 44%

Out-of-Borough Cases : Native Males : 13%
" Females : 15%

The re-admissions for this period numbered 326 out of a total of 2,627 admissions (i.e. 12%), as compared with 11% the previous year. An analysis of the reasons given for re-admission and for failure to continue treatment, is given in the following table :-

	Male	Female	Total
1. No reason given for failure to continue treatment	37	49	86
2. Patients thought themselves cured after only a few follow-up injections	10	9	19
3. Patients attended only irregularly for follow-up treatment ...	28	21	49
			<u>154</u>

C/Forward

(4) VENEREAL DISEASE. Cont'd.

	<u>Male</u>	<u>Female</u>	<u>Total</u>
	B/Forward		154
4. Patients diagnosed on first admission as Non-Venereal Disease, but re-admitted subsequently and diagnosis found to be Venereal Disease (chiefly cases of Congenital Syphilis)	1	-	1
5. Patients unable to pay a doctor for further treatment	2	3	5
6. Patients stated no facilities for further treatment available near their homes	5	2	7
7. Patients stated employers would not allow them to attend for further treatment	6	8	14
8. Patients told by a Doctor that they were cured after only a few subsequent injections	6	-	6
9. Patients re-admitted suffering from forms of V.D. other than that originally admitted for	30	11	41
10. Non-Venereal Disease	14	16	30
11. Relapsed tho' attended Clinic fairly regularly	25	17	42
12. Reinfected after discharge from Clinic	13	13	26
	TOTAL :		326

One can regard the re-admissions under the first three headings ($\frac{1}{2}$ of the total) as due to failure of the Educative Section of the Venereal Diseases Hospital treatment; a disappointing feature, as regular attempts to teach the patients the reasons and need for further treatment have been a part of the Venereal Diseases Hospital routine.

However, this proportion of the total is a little smaller than the $\frac{3}{5}$ proportion of failure under these headings, recorded last year. When it becomes practicable to cure cases in 2 weeks by means of Penicillin (an outlook that appears to be distinctly possible) most of these Re-admissions should disappear from our lists and only experience will show if there will be an increase in the "Re-infected" admission rate, which might seriously off-set that gain.

(5) PLAGUE.

No case of plague occurred during the year. Regular inspection of new shops and warehouses in the course of erection has been carried out and their rodent-proofing has been supervised. No rodent work has been carried out on commonage, but the rodent-proofing of existing infested premises has been dealt with intensively. All business premises handling foodstuffs are inspected routinely every 3 months, and particular attention is paid to rodent-proofing. A survey block-by-block of the City Area has been commenced to determine and deal with rodent infestation. Reorganisation in the Department will now permit the Rodent Inspector to devote all his time to anti-rodent measures.

(6) OTHER COMMUNICABLE DISEASES.

(I) MALARIA. Control by spotting of larvae and oiling of selected areas has again been carried out during the year in the Borough. The Local Health Commission carried out control work in the Peri-Urban Areas. No malarial mosquito vectors were discovered inside the Borough this year. No new infections of malaria occurred within the Borough.

Permanent work in the way of wider open drains with grassed sides, and a hardened invert, was carried out this year, and it is hoped to compare the efficiency of these drains with the subsoil drains previously constructed, of stone or logs.

No check house spraying was carried out this season. Oiling was carried out to deal chiefly with culicine breeding which was causing a nuisance.

(II) ENTERITIS in children under the age of two years accounted for 31 deaths (2 European, 21 Native, 3 Coloured and 5 Indian), a decrease on last year's total of 35.

/(III) MEASLES

6) OTHER COMMUNICABLE DISEASES. Cont'd.

(III) MEASLES. There was only a moderate prevalence of Measles in Pietermaritzburg during the year. 48 Cases were treated in the (European) Isolation Hospital, 11 coming from Out-of-Borough. 141 Cases were admitted to the Non-European Infectious Diseases Hospital, 68 being from Out-of-Borough. No deaths were reported from this disease. (See Table on Page 55)

(IV) GERMAN MEASLES. This disease was only very slightly prevalent this year and was as usual mild and uncomplicated.

(V) WHOOPING COUGH. This disease was only moderately prevalent during the year, and no deaths were reported from this disease. Immunisation against this disease is carried out at the Infant Welfare Clinics, using a combined Whooping Cough and Diphtheria Vaccine. (See Page 21)

7) WATER SUPPLY. (See Page 59)

The water supply of Pietermaritzburg is under the control of the City Engineer's Department. It is derived from streams coming from hilly country lying to the West of the Town. From the Storage Dam at Henley the water is piped to the Purification Works, where it is treated with Ammonium Sulphate, Lime, and Alumina-ferric, before filtration. After filtration, the water is treated with Chloramine before being distributed to the four service reservoirs.

The supply from the Purification Works and each of the service reservoirs has been bacteriologically examined each week by the bio-chemist in charge of the Purification Works. All employees at the Purification Works are Vi-tested. No water-borne outbreaks of disease have occurred during the year. Regular bacteriological sampling of swimming bath waters has also been carried out throughout the year.

The Water Supply has proved inadequate on several occasions for the expanding needs of the City, and restrictions have been imposed on the use of water on several occasions. Plans to increase the supply to the City and to expand the Purification Works, have been approved by the City Council.

(8) NIGHTSOIL AND REFUSE DISPOSAL.

The administration of this work is in the hands of the City Engineer. The greater part of the Town and Suburbs is served by water-borne sewerage, although the conservancy system is still in use in certain outlying areas. Disposal is on the sewage farm about 3 miles from the centre of the Town, where broad irrigation is carried out and the screenings and nightsoil are trenched. The City Council has acquired adjoining land, in order to extend the area available for sewage disposal, and has under consideration a scheme for a modern filtration plant.

(9) MEAT SUPPLIES. (Pages 62 - 63)

All slaughtering is carried out at the Municipal Abattoir, which is under the direct control of this Department. Butchers' shops are periodically inspected to ensure that they are satisfactory and that no meat which does not bear the Municipal stamp is exposed for sale. 69 Inspections of butchers' shops were made. A list of meat, fish and fowl condemned after inspection is shown on pages 60 - 61.

The Abattoir Manager reports that during the year 32,739 animals were slaughtered, a 40% decrease on last year's total of 56,139. Almost the whole of this decrease occurred in the supply of sheep to the Abattoir.

All slaughtering at the Abattoir is carried out by this Department.

All condemned meat and offal is transported in drums to a privately owned By-Products Plant at Bisley, just outside of Pietermaritzburg. The City Council has decided to build its own By-Products Plant, and has acquired land adjoining the Abattoir for the purpose of expansion. Preliminary plans and estimates for the expansion of the Abattoir, provision of change rooms, and the provision of new Railway Siding facilities, are now almost ready. Adequate Cold Storage accommodation will also be provided, there being none at the Abattoir at present.

ANTHRAX, etc. No cases were reported during the year.

CYSTICERCUS BOVIS AND CELLULOSAE ('MEASLES').

/The

9) MEAT SUPPLIES. Cont'd.

The following table shows the number of carcasses infected with "Measles" during the past 5 years :-

	CATTLE			CALVES			PIGS		
	Slaugh- tered	% In- fected	% Con- demned	Slaugh- tered	% In- fected	% Con- demned	Slaugh- tered	% In- fected	% Con- demned
1943-44	10,319	9.96	1.38	318	-	5.86	2,698	-	0.88
1944-45	10,317	9.47	1.21	3,682	3.69	2.36	3,837	2.26	1.88
1945-46	11,091	7.73	0.91	5,076	4.98	1.30	3,947	2.96	2.58
1946-47	12,227	8.00	1.16	4,369	5.05	1.46	3,480	4.22	3.76
1947-48	11,513	6.94	0.84	3,244	4.68	1.44	3,254	4.94	4.06

10) MILK SUPPLIES.

The milk supply has been carefully controlled throughout the year. It is derived from 47 producer-distributors, of whom 32 are in the Borough, and 15 Outside the Borough. In addition to these, there are 101 producers, 7 Borough and 94 Out-of-Borough, who send their milk to a pasteurization plant from where it is distributed after pasteurization. All these dairymen are registered with this Department and their premises are inspected regularly. Approximately two-thirds of the milk sold in Pietermaritzburg is pasteurised.

During the year the routine Vi-testing of dairy employees was continued. Specimens, which are taken at the dairies by the Health Inspector, are posted to the Durban Government Laboratory for examination, this involving an overnight journey. 402 Bloods were examined and of these 16 were reported positive, i.e. 4%. Repeat examinations of 13 of these 16 positives gave 10 negatives and 3 positives.

11) OTHER FOOD SUPPLIES. (Pages 58 - 61)

Inspection of foodstuffs exposed for sale at the Market and elsewhere has been carried out regularly, and a considerable quantity of unsound food has been condemned (Pages 60 - 61). Condemned foodstuffs are removed to the refuse tips, made unusable, and disposed of by dumping.

Details of all licence applications dealt with by the Department are reflected in the Table on Page 64. The routine renewal of all trade licences is no longer submitted to this Department by the Licensing Officer for report. A system of routine 3-monthly inspections of all food handling premises, and of Boarding Houses, has been instituted. Careful attention is paid to storage conditions, particularly to rodent-proofing, and there is a gradual improvement in this connection. 318 Inspections of the Borough Market and 915 inspections of other premises manufacturing or handling food were made. (Page 65)

Food and Drugs Act. (Page 58)

Under the Food, Drugs and Disinfectants Act, 24 samples were taken and the results of the analyses were as follows :-

Milk : 9 Samples : 1 Sample not in accordance with requirements in regard to Solids-Non-Fat.
No samples below standard requirement of Butter Fat.

Ice Cream : 3 Samples; all in accordance with standards laid down.

Mince Meat : 4 Samples; all in accordance with standards laid down.

Sausage : 3 Samples; all in accordance with standards laid down.

Fruit : 5 Samples; all in accordance with standards laid down (for Arsenic).

In the case of the defective Solids-Non-Fat Milk Sample, a letter was written to the dairyman.

MATERNITY AND CHILD WELFARE. (Page 57)

The European Infantile Mortality Rate declined again from last year's figure of 24.4 to 17.04, an extremely low rate indeed.

The Coloured Infantile Mortality Rate rose slightly from 60.4 to 67.7.

The Indian Infantile Mortality Rate rose very slightly from 36.6 to 36.9.

The Native Infantile Mortality Rate was 184.8. As far as it is possible to ascertain the registration of Native births in Pietermaritzburg is fairly complete now, and the figures obtained should be fairly reliable. This rate is slightly lower than last year's rate of 187.3.

The main causes and age groupings of Infantile Mortality in the different races are shown on pages 37 - 38.

In Europeans prematurity was the chief cause of Infantile Mortality. Pneumonia and Broncho-Pneumonia were the chief cause of Non-European Infantile Mortality, with Gastro-enteritis the next most frequent cause.

This Department continued to supply milk to necessitous infants up to the age of 2 years, and also to a certain number of children below the age of 5. (See Page 57)

Diphtheria immunisation was continued throughout the year as one of the activities of the Infant Welfare Clinics, a total of 774 children being immunised (European: 275; Native: 118; Coloured 120; Asiatic: 261).

A combined Diphtheria and Whooping Cough Vaccine was also used in infants, and of the total given above, 219 European, 62 Native and 65 Coloured infants were immunised against Whooping Cough at the same time as against Diphtheria. 292 Schick Tests were also done (186 Europeans, 88 Natives and 18 Coloureds). The combined Vaccine was not used in Asiatics owing to the difficulty experienced in persuading them to complete a course of 3 injections.

Child Welfare Clinic attendances were as follows :-

	<u>European</u>	<u>Native</u>	<u>Coloured</u>	<u>Indian</u>
1945 - 1946	6,259	2,843	1,075	3,041
1946 - 1947	8,073	3,206	1,682	3,748
1947 - 1948	6,849	3,092	1,570	3,535

The Registrar of Vaccination reports the following total of Vaccinations for Pietermaritzburg :-

<u>Successful Vaccinations</u> :	419
<u>Insusceptible to Vaccination</u> :	21
<u>Exempted</u> :	1

Vaccinations carried out by this Department at the Infant Clinics totalled 731, but this figure included a number of adults who applied for vaccination.

Maternal Mortality.

The only deaths recorded were from Eclampsia (1 Coloured), Puerperal Sepsis (1 Native) and Other Causes (1 Native).

The registration and supervision of all midwives practising in the Borough was continued throughout the year. 3 Inspections of Midwives' Bags have been made.

The Midwifery Training School at Grey's Hospital provides midwifery services for Europeans in the wards of Grey's Hospital, and district Midwifery Services in Pietermaritzburg for Europeans, Coloureds and Asiatics. In addition, Ante-Natal Clinic services for all races are provided. The Non-European Maternity Wards of Grey's Hospital have been transferred to a temporary converted hospital at Mayor's Walk, providing 76 beds for Natives, Coloureds and Asiatics. Native District Midwifery is carried out by the Native Municipal Midwife, but is not extensive as most Native women in Pietermaritzburg prefer to go to hospital for their confinements.

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) MATERNITY AND CHILD WELFARE. Cont'd.

The following figures have been supplied by the courtesy of the Medical Superintendent of Grey's Hospital :-

Borough cases : (From 1st July, 1947, to 30th June, 1948) :-

Ante-Natal Clinic Attendances :

Europeans : 313
 Natives : 834
 Coloureds : 120
 Asiatics : 212

TOTAL : 1,479

District Midwifery Visits :

Europeans : 792
 Coloureds : 636
 Asiatics : 5,670

TOTAL : 7,098

The Municipal Native Midwife conducted 18 confinements and paid 265 confinement visits during the year.

Pietermaritzburg is a "Prescribed Area" under Section 39(b) of the Medical Dental & Pharmacy Act No. 13 of 1926, within which no person other than a medical practitioner or a midwife registered under the Act, shall attend any lying-in-woman for gain. There is one untrained midwife (an Asiatic) "listed" in Pietermaritzburg, and she conducted 9 confinements in the year.

) BY-LAW NOTICES AND PROSECUTIONS. (Pages 65 - 67)

2,152 Notices and formal letters were served regarding breaches of the Borough By-Laws. 41 Prosecutions were initiated in the Magistrate's Court, as detailed on page 67.

) OTHER MATTERS OF HEALTH AND SANITATION.

Nursing Homes. Only 4 Nursing Home inspections in the Borough have been carried out during the year. The Registration and Inspection of Nursing Homes in Natal is now carried out by the Provincial Administration.

Complaints from Burgesses. 112 Complaints were received and attended to during the year.

Medical Examination of Natives.

Number Examined	Rejected (All Causes)	Rejected (V.D.)	Referred T.B. Clinic	Vaccinated
Male : 24,452	254 : 1.04%	151 : 0.6%	34 : 0.14%	
Female : 180	28 : 15.1%	23 : 12.8%	5 : 2.8%	
TOTAL : 24,632	282 : 1.14%	174 : 0.7%	39 : 0.16%	31,420

Other reasons for Rejection :

Verminous : Male : 48
 Dirty : Male : 11
 Scabies : Male : 9
 Chicken Pox : Male : 1

The number of Native female domestic servants coming forward for voluntary examination is still very small, despite the fact that the examination is now available every day instead of once weekly as before, and despite the fact that it is now conducted by a woman medical practitioner. The practice of re-vaccinating every person appearing at the Pass Office who does not possess indisputable evidence of recent successful vaccination, is carried out.

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The following figures have been obtained from the records of the Bureau of Census, Department of Commerce, Washington, D. C.

Period: July 1, 1937, to June 30, 1938

Estimated figures for 1937 are shown in parentheses.

1. Total population	123,456,789	(123,456,789)
2. Total population under 18 years of age	45,678,901	(45,678,901)
3. Total population 18 years of age and over	77,777,888	(77,777,888)
4. Total population 18 years of age and over, male	38,901,234	(38,901,234)
5. Total population 18 years of age and over, female	38,876,654	(38,876,654)
6. Total population 18 years of age and over, white	65,432,109	(65,432,109)
7. Total population 18 years of age and over, colored	12,345,678	(12,345,678)
8. Total population 18 years of age and over, foreign born	5,678,901	(5,678,901)
9. Total population 18 years of age and over, native born	72,100,000	(72,100,000)

Source: Bureau of Census, Department of Commerce, Washington, D. C.

The figures for 1937 are based on the 1930 Census, which was the last complete census of the United States. The figures for 1938 are based on the 1930 Census, which was the last complete census of the United States.

(1937 - 1938)

The figures for 1937 are based on the 1930 Census, which was the last complete census of the United States. The figures for 1938 are based on the 1930 Census, which was the last complete census of the United States.

Estimated figures for 1937 are shown in parentheses.

The figures for 1937 are based on the 1930 Census, which was the last complete census of the United States. The figures for 1938 are based on the 1930 Census, which was the last complete census of the United States.

The figures for 1937 are based on the 1930 Census, which was the last complete census of the United States. The figures for 1938 are based on the 1930 Census, which was the last complete census of the United States.

Estimated figures for 1937 are shown in parentheses.

1. Total population	123,456,789	(123,456,789)
2. Total population under 18 years of age	45,678,901	(45,678,901)
3. Total population 18 years of age and over	77,777,888	(77,777,888)
4. Total population 18 years of age and over, male	38,901,234	(38,901,234)
5. Total population 18 years of age and over, female	38,876,654	(38,876,654)
6. Total population 18 years of age and over, white	65,432,109	(65,432,109)
7. Total population 18 years of age and over, colored	12,345,678	(12,345,678)
8. Total population 18 years of age and over, foreign born	5,678,901	(5,678,901)
9. Total population 18 years of age and over, native born	72,100,000	(72,100,000)

Source: Bureau of Census, Department of Commerce, Washington, D. C.

The figures for 1937 are based on the 1930 Census, which was the last complete census of the United States. The figures for 1938 are based on the 1930 Census, which was the last complete census of the United States.

) OTHER MATTERS OF HEALTH AND SANITATION. Cont'd.Sobantu (Native) Village Dispensary.

The Outpatient Dispensary continued to be conducted by this Department. Three sessions are held each week, attended by the Assistant Medical Officer of Health, while a full-time Native Nurse, who lives at the Village, assists at the Clinic, does the necessary dressings and follow-up treatment, and visits patients in their homes. This home visit is also utilised for the purpose of teaching simple health lessons, e.g. on the subject of cleanliness, nutrition, etc. The Clinic Nurse is also a certificated Health Visitor.

Number of new Patients attending Dispensary :	799
Re-attendances at Dispensary	211
Home Visits	5,340
Surgical Dressings	8,729

State-Aided Butter Scheme :

This Scheme has been abandoned and margarine is now available through the Mobile Distribution Depots operating at various sites in the City.

Health Propaganda :

No organised propaganda was carried out.

) STAFF :

The Staff of the Department at June 30th, 1948, was as follows :-

ADMINISTRATIVE AND OFFICE

Medical Officer of Health : M. Maister, B.A., M.B., Ch. B., D.P.H.

Asst. Medical Officer of Health : A. Stephen, M.B.E., B.Sc., M.B., Ch.B., D.P.H.

Temporary Asst. Medical Officer of Health : (Mrs.) M.E. Meyrick, M.R.C.S.,
L.R.C.P., D. P. H.

Chief Clerk :	E. Bastow
Clerk :	R. Markham
Junior Clerk :	J. Pretorius
Senior Woman Clerical Assistant :	Miss E.M. Hughes
Junior Women Clerical Assistants :	Miss J. Goodwin, Miss D. Hardman and Miss G. Keppler.

2 Native Messengers

INSPECTORATE

Chief Health Inspector :	C.F. Wyatt, Cert. R.S.I. Meat & Other Foods Cert. R.S.I.
Health Inspectors :	R.E. Bunn, Cert. R.S.I. Mrs. E.A. Thompson, Cert. R.S.I. D.C. Johnston, Cert. R.S.I.
Health Inspector (Dairy) :	J.F. Bateson, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., San. Sc. (as applied to Buildings and Public Works) Cert. R.S.I.
Rodent and Transport Officer :	G. Fairfield
1 Indian Fumigation Assistant.	

HEALTH VISITING STAFF

Senior Health Visitor : Miss E.M. McDougall, Health Visitors' Cert.
(Scotland) ; Health Visitors' Cert.
R.S.I., Mothercraft Cert. (New Zealand).

/Health Visitors

Health Visitors : Miss G. Buttery, Health Visitors' Cert. R.S.I.
: Miss M. W. Marwick, Mothercraft Certificate;
S.A.M.C. Cert. (General & Midwifery).
: Miss E.E. Holcomb, Health Visitors' Cert. R.S.I.
S.A.M.C. (General and Midwifery).
: Miss O.G. Silvester : S.R.N. (Eng.); C.M.B. (Engl.)

Clinic Clerk : Mrs. A.C. Ferguson

Native Nurse and Midwife : Nurse Keziah Mbanjwa, S.A.M.C. Cert.
(General and Midwifery)
Native Nurse (Sobantu Village Dispensary) : Nurse Sophia Masongoa, Health Visitors'
Cert. R.S.I.
Native Health Assistants : A. Ntombela, E. Hlongwane and C. Machanda.

Matron	:	C.C. Klein
Sisters	:	E.C. Tiffin, M.G. Palframan, N. Fryer.
Night Sister	:	P.R. Upton
Probationer Nurses	:	F.M. McDonald, O.G. Bedford.

1 Housekeeper
14 Native Domestic Servants
1 Native Night Watchman

Matron	:	C. Le Steers
1 Housekeeper	:	
Native Staff Nurses	:	8
Probationer Nurse	:	1
Native Domestic Staff	:	19
Native Night Watchman	:	1

Officer-in-Charge	:	J.A. Kedian
Housekeeper		
Native Staff Nurses	:	2
Native Orderlies	:	4
Native Domestic Staff	:	3
Night Watchman	:	1

Manager : G.B. Lupton, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.

Meat Inspectors : G.A. McIntosh, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.

: H. Dreyer, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.

Clerk : Position vacant.

Stockyard Foreman : C.F. Heathman.

PERI-URBAN AREAS.

The Local Health Commission continued to exercise control in the Edendale and Slangspruit Area. The Commission has taken over the Malaria Control of the other peri-urban areas surrounding Pietermaritzburg.

No definite steps have, as yet, been taken to bring the other smaller peri-urban areas - New England, Ockert's Kraal and Raisethorpe - under control. The City Council has had under consideration the question of the incorporation of these areas into the Borough.

PORT B.HOUSING.

12 Flats were built by the City Council for Firemen and 14 "National" Houses were built at the Sobantu Village for Natives, also by the City Council.

Powers under the Borough By-Laws have been exercised sparingly in dealing with insanitary dwellings, owing to present conditions. 16 Dwellings were condemned for demolition under Public Health By-Law 19(b) (8 of these being demolished by the end of the period under review), and 4 dwellings were voluntarily demolished, following representations by this Department. Most of the buildings demolished were insanitary shacks occupied as dwellings by Natives. A Closing Order was issued under Public Health By-Law 19(a) in the case of 1 dwelling.

Plans.

All plans of new buildings are submitted to this Department and 578 have been scrutinised. Of these 278 were approved out-right, 253 approved subject to minor alterations, 44 were disapproved, and 3 were returned for additional information.

New Buildings.

The City Engineer reports that during the year 154 dwellings and 29 flats were completed for Europeans, and 5 dwellings for Non-Europeans, as compared with last year's total of 136. This is in addition to the Council building detailed above.

HOUSING OF NATIVES, NATIVE OR ASIATIC LOCATIONS OR BARRACKS.

The Pietermaritzburg Sobantu Village, situated about 3 miles from the Centre of the Town, at June 30th, 1948, contained 458 occupied houses and various public buildings, with an estimated Population of about 2,500. Water is supplied by communal standpipes from the Corporation water supply, and sanitation is by the pail system, separate for each house. Communal ablution blocks and laundries are provided. Provision for hot baths at a small charge has been made in the newly constructed ablution blocks, and this has proved very popular.

The City Council is continuing with the construction of a further 100 National (Sub-economic) Houses at the Sobantu Village. All the houses at the Sobantu Village are being built by Native Labour, under European supervision.

There are three Corporation Hostels for single Natives. For Males there is the East Street Hostel (and annexes) housing 569 Natives, and the Ortman Road Hostel with a capacity of 127. The Women's Hostel in Church Street houses 174 women. These Hostels are under the control of the Municipal Native Administration Department, and two European Superintendents are employed. Extensions to the Men's Hostels to provide accommodation for an extra 500 are nearing completion, one block housing 170 having been already handed over. The scheme for a new Women's Hostel to house over 700 has been shelved owing to the very high tender figures received when the contract was offered. 126 Temporary licences have been granted during the year to house unexempted Natives under the Natives (Urban Areas) Act, pending the provision of more accommodation at the Village and Hostels.

About 60% of the Natives resident in the Town live in quarters provided on the property of their employers. These quarters are the subject of inspections by this Department and in general are satisfactory.

/Asiatic

HOUSING OF NATIVES, NATIVE OR ASIATIC LOCATIONS OR BARRACKS. Cont'd.Asiatic Housing.

The Corporation owns two compounds which house the sewage farm workers and the scavenging gangs. These compounds are well constructed in brick, and house respectively 29 and 21 Asiatic Labourers, together with their wives and families, and also 13 single Asiatics and 24 Single Natives, and 10 Single Asiatics and 10 Single Natives, respectively.

The 50 sub-economic Indian houses completed at the beginning of 1940 have been fully occupied continuously. The Council has now appointed a Woman Housing Manager, trained under the Octavia Hill Scheme, who operates under the Estates Manager in the City Treasurer's Department. She has taken over the control of the Council Sub-economic and National Housing Schemes, and has relieved the Health Visitors of this Department of this duty.

REMARKS AND RECOMMENDATIONS, AND HOUSING MATTERS OF SPECIAL IMPORTANCE REQUIRING ATTENTION.

The various estimates of housing requirements made by this Department in 1939, 1944, and 1945, were fully detailed in my 1944-45 Report. No further surveys have been made. Summarised, these estimates revealed the following needs :-

Europeans	:	360 Dwellings
Natives	:	300 "
Coloureds	:	Approx. 50 Dwellings.
Asiatics	:	" 300 "

Against these can be set the following provision :-

- (1) Europeans : (a) 11 National (Sub-economic) Houses.
 (b) 25 National Houses (at Manor).
 (c) 46 flats and 52 dwellings provided by private enterprise in 1945, 24 flats and 104 dwellings provided in 1946 and 154 dwellings and 41 flats this year : Total : 310 Dwellings and 111 flats.
- (2) Natives : (a) 100 National (sub-economic) Houses.
 (b) 14 National (" ") Houses. (Part of Scheme of 100)
 (houses already commenced.)
 (c) Accommodation for 28 persons - aged and indigent Natives.
- (3) Coloureds : 28 National (sub-economic) Houses.
- (4) Asiatics : 50 Sub-economic Houses (1940).
 13 dwellings were completed by private enterprise in 1945 for Non-Europeans, 8 dwellings in 1946, and 5 dwellings this year : Total 26.

The Council now has under consideration the provision of a further 26 National Houses for Asiatics, and also a further 42 National Houses for Europeans.

The position in regard to Asiatics is truly desperate and the requirements estimated several years ago must be now considered to be a considerable understatement of the actual position.

1. The first part of the report deals with the general situation of the country and the progress of the work during the year.

2. The second part of the report deals with the results of the work during the year and the progress of the work during the year.

3. The third part of the report deals with the results of the work during the year and the progress of the work during the year.

4. The fourth part of the report deals with the results of the work during the year and the progress of the work during the year.

5. The fifth part of the report deals with the results of the work during the year and the progress of the work during the year.

6. The sixth part of the report deals with the results of the work during the year and the progress of the work during the year.

7. The seventh part of the report deals with the results of the work during the year and the progress of the work during the year.

8. The eighth part of the report deals with the results of the work during the year and the progress of the work during the year.

9. The ninth part of the report deals with the results of the work during the year and the progress of the work during the year.

10. The tenth part of the report deals with the results of the work during the year and the progress of the work during the year.

DEATHS

The Detailed International List of Causes of Death as adapted for use in the Union of South Africa (5th Decennial Revision by the International Commission) is used. The omission of any cause indicates no deaths were registered for that cause.

	EUROPEAN			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
(1) <u>INFECTIOUS AND PARASITIC DISEASES</u>												
001. Typhoid Fever	0	0	0	1	1	2	0	1	1	0	1	1
011. Whooping Cough	0	0	0	0	0	0	0	0	0	0	0	0
012. Diphtheria	1	0	1	0	1	1	1	1	2	1	1	2
014. Tetanus	0	0	0	1	0	1	0	0	0	0	0	0
<u>Tuberculosis of :-</u>												
015. Respiratory System	5	4	9	13	10	23	2	2	4	9	9	18
016. Central Nervous System	0	1	1	2	0	2	0	1	1	0	1	1
017. Intestines & Peritoneum	0	0	0	1	0	1	0	0	0	0	0	0
018. Vertebral Column	0	0	0	1	0	1	0	0	0	0	0	0
019. Bones and Joints	0	0	0	0	0	0	0	0	0	0	0	0
021. Other Organs	0	0	0	1	0	1	0	0	0	0	0	0
024. T.B. - Acute Miliary	0	0	0	1	2	3	0	0	0	1	0	1
027. Purulent infection and septicaemia (non-puerperal)	1	0	1	0	1	1	0	0	0	1	0	1
032. Bacillary Dysentery	0	0	0	0	0	0	0	0	0	0	0	0
033. Amoebic Dysentery	0	0	0	0	0	0	0	0	0	0	0	0
035. Other and Unspecified forms of Dysentery	0	0	0	0	0	0	0	0	0	0	0	0
<u>SYPHILIS :-</u>												
040. Tabes Dorsalis	0	0	0	0	0	0	0	0	0	0	0	0
041. General paralysis of the insane	0	0	0	1	0	1	0	0	0	0	0	0
042. Aneurysm of Aorta	1	0	1	0	0	0	0	0	0	0	0	0
043. Congenital Syphilis	0	0	0	2	3	5	0	0	0	0	0	0
044. Other Forms	0	0	0	1	0	1	0	0	0	0	0	0
045. Relapsing Fever	0	0	0	0	0	0	0	0	0	0	0	0
047. Oth. Spirochaetal Diseases	0	0	0	0	0	0	0	0	0	0	0	0
048. Influenza with Respiratory Complications	0	0	0	0	0	0	0	0	0	0	0	0
049. Influenza without Respiratory Complications	0	0	0	0	0	0	0	0	0	1	1	2
053. Acute Poliomyelitis	1	0	1	0	0	0	0	0	0	0	1	1
061. Other Virus Diseases	0	0	0	0	0	0	0	1	1	0	0	0
062. Typhus (Louse-borne)	0	0	0	0	0	0	0	0	0	0	0	0
071. Bilharzia	0	0	0	0	0	0	0	0	0	0	0	0
074. Venereal Diseases (Other than Syphilis or Gonorrhoea)	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 1	9	5	14	25	18	43	3	6	9	13	14	27

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	9	5	14	25	13	43	3	6	9	13	14	27
2) <u>CANCER AND OTHER TUMOURS.</u>												
00. Buccal Cavity	1	0	1	0	0	0	1	0	1	0	0	0
01. Oesophagus	0	0	0	0	0	0	0	0	0	0	0	0
02. Stomach & Duodenum	5	2	7	0	0	0	0	0	0	0	2	2
03. Rectum	1	1	2	0	0	0	0	0	0	0	0	0
04. Liver	0	0	0	0	0	0	0	0	0	0	0	0
05. Cancer of Pancreas	0	0	0	0	0	0	0	0	0	0	0	0
06. Other digestive organs (including peritoneum)	1	2	3	0	0	0	0	0	0	0	1	1
07. Larynx	1	0	1	0	0	0	0	0	0	0	0	0
08. Cancer of Mediastinum	0	1	1	0	0	0	0	0	0	0	0	0
09. Lung	0	0	0	0	0	0	0	0	0	0	0	0
10. Uterus	0	5	5	0	1	1	0	2	2	0	0	0
11. Oth. Fem. Genital Organs	0	0	0	0	0	0	0	0	0	0	0	0
12. Breast	0	3	3	0	0	0	0	0	0	0	0	0
13. Prostate	2	0	2	0	0	0	0	0	0	2	0	2
14. Oth. Male Genital Organs	1	0	1	0	0	0	0	0	0	0	0	0
15. Male & Female Urinary Organs	0	0	0	0	1	1	0	1	1	0	0	0
16. Skin	0	0	0	0	0	0	0	0	0	0	0	0
17. Brain & Nervous System	0	0	0	0	0	0	0	0	0	0	0	0
19. Oth. & Unspecified Organs	3	1	4	0	0	0	0	0	0	0	0	0
<u>Non-Malignant Tumours</u>												
31. Other & Unspecified Organs	1	0	1	0	0	0	0	0	0	0	0	0
<u>Tumours of Undetermined Nature</u>												
33. Uterus	0	1	1	0	0	0	0	0	0	0	0	0
35. Brain & Nervous System	0	0	0	0	0	0	0	0	0	0	0	0
36. Oth. & Unspecified Organs	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 2	16	16	32	0	2	2	1	3	4	2	3	5
3) <u>RHEUMATISM, DISEASES OF NUTRITION, ETC.</u>												
49. Acute Rheumatic Fever	0	0	0	0	0	0	0	0	0	0	0	0
52. Diabetes	1	1	2	0	1	1	0	0	0	0	0	0
53. Malnutrition	0	0	0	1	1	2	0	1	1	0	1	1
58. Pellagra	0	0	0	1	1	2	0	0	0	0	0	0
70. Oth. Vitamin Deficiency Dis.	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP 3	1	1	2	2	4	6	0	1	1	0	1	1
Total C/Forward	26	22	48	27	24	51	4	10	14	15	18	33

JANUARY 1901									
DATE	TIME	WIND	TEMP.	MOON	SEA	WIND	TEMP.	MOON	SEA
1	10								
2	10								
3	10								
4	10								
5	10								
6	10								
7	10								
8	10								
9	10								
10	10								
11	10								
12	10								
13	10								
14	10								
15	10								
16	10								
17	10								
18	10								
19	10								
20	10								
21	10								
22	10								
23	10								
24	10								
25	10								
26	10								
27	10								
28	10								
29	10								
30	10								
31	10								

DEATHS. Cont'd.

	EUROPEAN			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	26	22	48	27	24	51	4	10	14	15	18	33
(4) <u>DISEASES OF THE BLOOD</u>												
200. Primary Purpura	0	0	0	0	0	0	0	0	0	0	1	1
203. Pernicious Anaemia	0	0	0	0	0	0	0	0	0	0	0	0
206. Oth. & Unspecified Anaemias	0	0	0	1	0	1	0	0	0	0	0	0
<u>Leukaemias -</u>												
207. Leukaemic	0	1	1	0	0	0	0	0	0	0	0	0
208. Aleukaemic	1	0	1	0	0	0	0	0	0	0	0	0
214. Other Diseases	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 4	1	1	2	1	0	1	0	0	0	0	1	1
(5) <u>CHRONIC POISONING AND INTOXICATION</u>												
251. Chronic Alcoholism	0	0	0	0	0	0	0	0	0	0	0	0
252. Unspecified Alcoholism	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 5	0	0	0	0	0	0	0	0	0	0	0	0
(6) <u>DISEASES OF THE NERVOUS SYSTEM</u>												
300. Intra-cranial abscess	0	0	0	1	0	1	0	0	0	0	0	0
301. Other Forms	0	0	0	0	0	0	0	0	0	0	0	0
302. Pneumococcal Meningitis	0	0	0	2	1	3	1	0	1	0	0	0
303. Oth. Forms of Meningitis	0	0	0	2	0	2	0	0	0	0	0	0
304. Dis. of Medulla & Spinal Cord oth. than locomotor ataxia & Disseminated Sclerosis	0	0	0	0	0	0	0	0	0	0	0	0
305. Cerebral Haemorrhage	9	12	21	5	2	7	0	0	0	3	3	6
306. Cerebral Embolism and Thrombosis	4	2	6	0	0	0	0	0	0	0	2	2
307. Hemiplegia & Oth. para- lysis of unstated origin	0	1	1	0	0	0	0	0	0	0	0	0
308. Mental Disorders and deficiency	1	0	1	1	0	1	0	0	0	0	0	0
309. Epilepsy	0	1	1	2	1	3	0	0	0	1	0	1
310. Convulsions in Children under five years of age	0	0	0	0	0	0	0	0	0	0	0	0
313. Paralysis Agitans	0	1	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 6	14	17	31	13	4	17	1	0	1	4	5	9
Total C/Forward	41	40	81	41	28	69	5	10	15	19	24	43

DEATHS. Cont'd.

	EUROPEAN			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	41	40	81	41	28	69	5	10	15	19	24	43
7) <u>DISEASES OF THE CIRCULATORY SYSTEM</u>												
50. Chronic Pericarditis (Rheumatic)	0	0	0	0	0	0	0	0	0	0	1	1
51. Other Pericarditis	0	0	0	0	0	0	0	0	0	0	0	0
52. Acute Endocarditis	0	0	0	1	0	1	0	0	0	0	0	0
53. Valvular Disease - Rheumatic	1	0	1	0	1	1	0	0	0	0	0	0
54. Valvular Disease - Other Forms	4	1	5	1	1	2	1	0	1	0	0	0
55. Acute Myocarditis	0	0	0	0	0	0	0	1	1	0	0	0
56. Chronic Myocarditis specified as Rheumatic	2	0	2	2	0	2	0	0	0	0	0	0
57. Other Chronic Myocarditis	12	16	28	5	1	6	0	1	1	4	1	5
58. Diseases of the coronary arteries and angina pectoris	22	15	37	1	0	1	0	0	0	4	0	4
59. Heart disease specified as Rheumatic	0	0	0	0	0	0	0	0	0	0	0	0
60. Other Heart Diseases not specified as Rheumatic	15	1	16	3	1	4	0	0	0	4	5	9
61. Arterio sclerosis	5	2	7	5	4	9	1	0	1	3	1	4
62. Gangrene (including cancrum oris)	0	0	0	0	0	0	1	0	1	0	0	0
63. Diseases of the veins	0	0	0	0	0	0	0	0	0	0	0	0
64. High Blood Pressure	1	6	7	1	0	1	0	0	0	2	1	3
65. Other Diseases of the Circulatory System	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL : GROUP 7	62	41	103	20	8	28	3	2	5	17	9	26

Total C/Forward 103 81 184 61 36 97 8 12 20 36 33 69

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
tal B/Forward	103	81	184	61	36	97	8	12	20	36	33	69
<u>DISEASES OF THE RESPIRATORY SYSTEM.</u>												
1. Diseases of the Larynx	0	0	0	1	0	1	0	0	0	0	1	1
2. Acute Bronchitis	2	0	2	0	0	0	0	0	0	0	0	0
3. Chronic Bronchitis	0	1	1	0	0	0	0	0	0	0	0	0
4. Broncho Pneumonia	5	1	6	15	7	22	1	2	3	7	5	12
5. Lobar Pneumonia	2	1	3	7	3	10	0	0	0	3	2	5
6. Pneumonia Unspecified	1	1	2	3	0	3	1	1	2	0	2	2
7. Empyema	0	0	0	1	0	1	0	0	0	1	0	1
8. Haem. Infarction of lungs, etc.	0	0	0	0	0	0	0	0	0	0	0	0
9. Chronic or unspecified congestion of the lungs	3	1	4	1	0	1	0	0	0	0	0	0
10. Asthma	0	2	2	0	0	0	0	1	1	0	0	0
11. Pulmonary Emphysema	0	0	0	0	0	0	0	0	0	0	0	0
12. Miners' Phthisis without T.B.	0	0	0	0	0	0	0	0	0	0	0	0
13. Miners' Phthisis with T.B.	0	0	0	0	0	0	0	0	0	0	0	0
14. Abscess of Lung	1	0	1	0	0	0	0	0	0	0	0	0
15. Other Diseases of Respiratory System not specified as occupational	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 8	14	7	21	28	10	38	2	4	6	11	10	21
Total C/Forward	117	68	205	89	46	135	10	16	26	47	43	90

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	117	88	205	89	46	135	10	16	26	47	43	90
9) <u>DISEASES OF THE DIGESTIVE SYSTEM</u>												
454. Diseases of the oesophagus	0	0	0	0	0	0	0	0	0	0	0	0
455. Ulcers of the Stomach	0	1	1	0	0	0	0	0	0	0	0	0
456. Ulcers of the Duodenum	1	0	1	0	0	0	0	0	0	0	0	0
457. Other diseases of the stomach	0	0	0	0	0	0	0	0	0	0	0	0
458. Diarrhoea & Enteritis (Under 2 years)	2	0	2	11	10	21	1	2	3	4	1	5
459. Diarrhoea & Enteritis (Over 2 years)	0	1	1	1	0	1	0	0	0	1	0	1
460. Ulceration of the intestines	1	0	1	0	0	0	0	0	0	0	0	0
461. Appendicitis	1	0	1	0	0	0	0	0	0	0	0	0
462. Hernia	0	0	0	0	1	1	0	0	0	0	0	0
463. Intestinal obstruction	1	0	1	2	0	2	0	0	0	1	0	1
464. Diverticulitis	0	1	1	0	0	0	0	0	0	0	0	0
465. Other diseases of Intestines	0	1	1	0	0	0	0	0	0	0	0	0
466. Cirrhosis of Liver with mention of alcoholism	1	0	1	1	0	1	0	0	0	0	0	0
467. Cirrhosis of Liver without alcoholism	0	0	0	1	0	1	0	0	0	0	0	0
469. Oth. dis. of Liver	0	0	0	0	0	0	0	0	0	2	0	2
471. Cholecystitis without Biliary Calculi	0	0	0	0	0	0	0	0	0	0	0	0
472. Diseases of the Pancreas	0	0	0	0	0	0	0	0	0	0	0	0
473. Peritonitis without stated cause	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 9	7	4	11	16	11	27	1	2	3	8	1	9
Total C/Forward	124	92	216	105	57	162	11	18	29	55	44	99

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	124	92	216	105	57	162	11	18	29	55	44	99
(10) <u>DISEASES OF THE URINARY & GENITAL SYSTEMS</u>												
500. Acute Nephritis	1	0	1	1	0	1	0	0	0	0	0	0
501. Chronic Nephritis	7	3	10	0	0	0	0	0	0	0	2	2
502. Nephritis Unspecified	0	0	0	0	0	0	0	0	0	0	0	0
503. Pyelitis	0	0	0	0	0	0	0	0	0	0	0	0
504. Other diseases of kidneys	1	0	1	0	0	0	0	0	0	0	0	0
505. Calculi of Urinary Passages	0	0	0	0	0	0	0	0	0	0	0	0
506. Cystitis	0	0	0	0	0	0	0	0	0	0	0	0
509. Hypertrophy Prostate	0	0	0	0	0	0	0	0	0	1	0	1
510. Other diseases of Prostate	1	0	1	0	0	0	1	0	1	0	0	0
TOTAL : GROUP 10	10	3	13	1	0	1	1	0	1	1	2	3
(11) <u>DISEASES OF PREGNANCY.</u>												
558. Eclampsia	0	0	0	0	0	0	0	1	1	0	0	0
567. Puerperal Sepsis	0	0	0	0	1	1	0	0	0	0	0	0
575. Others	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP 11	0	0	0	0	2	2	0	1	1	0	0	0
(12) <u>DISEASES OF THE SKIN & CELLULAR TISSUE</u>												
500. Carbuncle, boils	0	0	0	0	0	0	0	0	0	0	0	0
501. Cellulitis	0	0	0	0	0	0	0	0	0	0	0	0
502. Other diseases of the skin, etc.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 12	0	0	0	0	0	0	0	0	0	0	0	0
(13) <u>DISEASES OF THE BONES - ORGANS OF MOVEMENT.</u>												
550. Osteomyelitis and Periostitis	0	0	0	0	0	0	0	0	0	0	0	0
552. Diseases of Joints, except T.B. and Rheumatism	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 13	0	0	0	0	0	0	0	0	0	0	0	0
Total C/Forward	134	95	229	106	59	165	12	19	31	56	46	102

DEATHS. Cont'd.

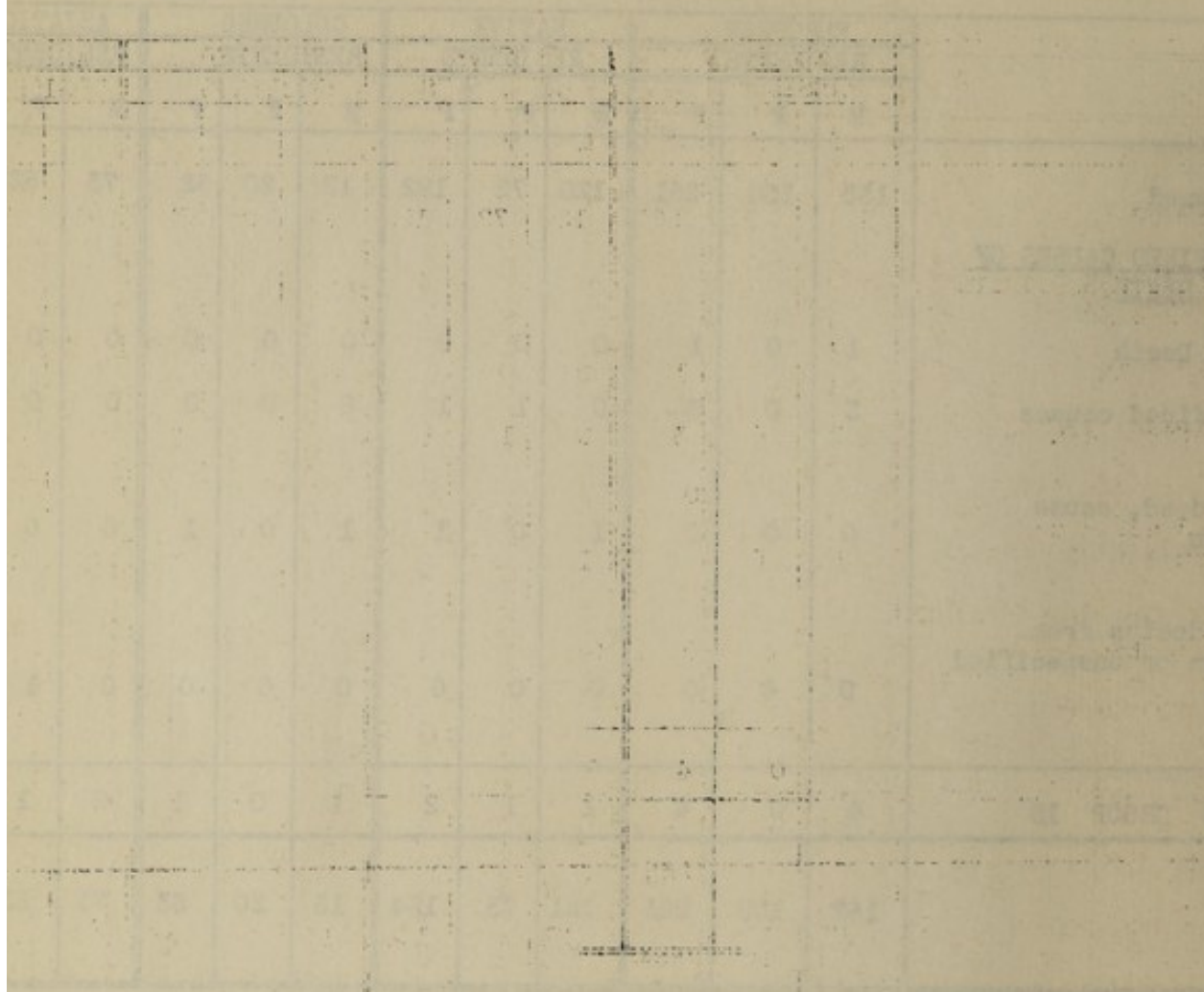
	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
tal B/Forward	134	95	229	106	59	165	12	19	31	56	46	102
4) <u>CONGENITAL MALFORMATIONS.</u>												
0. Hydrocephalus	0	1	1	0	0	0	0	0	0	0	0	0
2. Congenital malformation of heart	0	0	0	0	1	1	0	0	0	0	0	0
4. Congenital Pyloric stenosis	0	0	0	0	0	0	0	0	0	0	0	0
8. Other stated congenital malformations	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL : GROUP 14	0	1	1	1	1	2	0	0	0	0	0	0
5) <u>DISEASES PECULIAR TO THE FIRST YEAR OF LIFE.</u>												
0. Congenital debility	0	0	0	0	1	1	0	0	0	1	2	3
1. Premature Birth	1	4	5	3	4	7	0	0	0	2	0	2
2. Injury at birth - Intracranial haemorrhage	1	0	1	0	2	2	0	0	0	0	0	0
3. Other birth injuries	0	0	0	0	0	0	0	0	0	0	0	0
4. Asphyxia during or after birth	0	1	1	1	2	3	0	1	1	2	0	2
5. Intoxication due to Maternal Toxaemia	0	0	0	0	0	0	0	0	0	0	0	0
7. Melaena Neonatorum	0	1	1	0	0	0	0	0	0	0	0	0
8. Other specified diseases	1	0	1	0	0	0	0	0	0	1	0	1
TOTAL : GROUP 15	3	6	9	4	9	13	0	1	1	6	2	8
6) <u>SENILITY.</u>												
0. Senility (age 65 & Over)	9	6	15	2	1	3	0	0	0	4	4	8
TOTAL : GROUP 16	9	6	15	2	1	3	0	0	0	4	4	8
Total C/Forward	146	108	254	113	70	183	12	20	32	66	52	118

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
atal B/Forward	146	108	254	113	70	183	12	20	32	66	52	118
7) <u>VIOLENT OR ACCIDENTAL DEATHS.</u>												
<u>Suicide by -</u>												
50. Corrosive substances	0	0	0	0	0	0	0	0	0	0	0	0
52. Other or unspecified solid or liquid poisons	0	0	0	0	0	0	0	0	0	0	0	0
56. Hanging or Strangulation	0	0	0	0	0	0	0	0	0	1	0	1
57. Drowning	0	0	0	0	0	0	0	0	0	0	0	0
58. Firearms & explosives	2	0	2	0	0	0	0	0	0	0	0	0
<u>Homicide by -</u>												
65. Firearms	0	0	0	1	0	1	0	0	0	0	0	0
66. Cutting or Piercing Instruments	0	0	0	0	0	0	0	0	0	0	0	0
67. Other or unspecified means	0	0	0	0	0	0	0	0	0	0	0	0
68. Railway Accidents	3	0	3	2	0	2	0	0	0	0	0	0
671. Other accidents (Motor-driven Road Vehicles)	0	0	0	0	0	0	0	0	0	0	0	3
674. Other motor cycle accidents	1	0	1	0	0	0	0	0	0	0	0	0
677. Accidental deaths - Other accidents	0	0	0	0	0	0	0	0	0	0	0	0
679. Air transport accidents	0	0	0	0	0	0	0	0	0	0	0	0
685. Other Agricultural accidents	0	0	0	1	0	1	0	0	0	0	0	0
689. Other acute accidental poisoning (not by gas)	0	0	0	2	1	3	0	0	0	0	0	0
691. Accidental burns	0	0	0	0	0	0	0	0	0	0	0	0
693. Accidental drowning	0	0	0	0	1	1	0	0	0	2	0	2
696. Accidental injury by fall	1	0	1	0	0	0	0	0	0	0	0	0
694. Other accidents due to electric currents	0	0	0	0	0	0	0	0	0	1	0	1
696. Anaesthetic accidents	0	0	0	1	0	1	0	0	0	0	0	0
698. Other & Unspecified Accidents	0	0	0	0	0	0	0	0	0	0	0	0
690. From Wounds	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 17	7	0	7	7	2	9	0	0	0	7	0	7
Total C/Forward	153	108	261	120	72	192	12	20	32	73	52	125

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
atal B/Forward	153	108	261	120	72	192	12	20	32	73	52	125
8) <u>ILL-DEFINED CAUSES OF DEATH.</u>												
10. Sudden Death	1	0	1	0	0	0	0	0	0	0	0	0
1. Ill-defined causes	3	0	3	0	1	1	0	0	0	0	0	0
2. Found dead, cause unknown	0	0	0	1	0	1	1	0	1	0	0	0
3. Other deaths from unknown or unspecified causes	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL : GROUP 18	4	0	4	1	1	2	1	0	1	0	1	1
TOTAL	157	108	265	121	73	194	13	20	33	73	53	126



INFANTILE MORTALITY

(Under 1 Year)

CAUSES OF DEATH

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
012. Diphtheria	0	0	0	0	0	0	1	0	1	0	1	1	1	1	2
015. Pulmonary T.B.	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
016. Tuberculosis - Central Nervous System	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
027. Septicaemia	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
043. Congenital Syphilis	0	0	0	2	2	4	0	0	0	0	0	0	2	2	4
053. Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
131. Non-Malignant Tumours	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
170. Other vitamin-deficiency diseases	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
200. Primary Purpura	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
302. Pneumococcal Meningitis	0	0	0	1	0	1	1	0	1	0	0	0	2	0	2
305. Cerebral Haemorrhage	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
360. Other diseases of Heart	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
404. Broncho Pneumonia	0	0	0	9	4	13	0	1	1	5	2	7	14	7	21
405. Lobar Pneumonia	0	0	0	2	1	3	0	0	0	1	0	1	3	1	4
406. Pneumonia unspecified	0	0	0	2	0	2	1	1	2	0	2	2	3	3	6
458. Diarrhoea & Enteritis	1	0	1	7	6	13	1	1	2	4	0	4	12	7	19
462. Hernia	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
463. Intestinal Obstruction	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
700. Hydrocephalus	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
708. Other Congenital Malformations	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
750. Congenital Debility	0	0	0	0	1	1	0	0	0	1	2	3	1	3	4
751. Premature Birth	1	4	5	3	4	7	0	0	0	1	0	1	4	4	8
752. Intra-cranial Haemorrhage	1	0	1	0	2	2	0	0	0	0	0	0	0	2	2
754. Asphyxia	0	1	1	1	2	3	0	1	1	2	0	2	3	3	6
757. Melaena neonatorum	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
759. Other specified diseases	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1
953. Unknown causes	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
TOTAL :	5	7	12	31	25	56	4	5	9	16	10	26	51	40	91

INFANTILE MORTALITY

RESIDENTS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
During 1st Week	3	6	9	8	8	16	0	1	1	3	2	5	11	11	22
1st Week - 3 Weeks	0	0	0	1	2	3	0	0	0	2	0	2	3	2	5
1 Month - 2 Months	0	1	1	4	5	9	1	1	2	1	1	2	6	7	13
3 Months - 5 Months	2	0	2	9	4	13	1	0	1	5	4	9	15	8	23
6 Months - 8 Months	0	0	0	6	4	10	2	1	3	2	1	3	10	6	16
9 Months - 11 Months	0	0	0	3	2	5	0	2	2	3	2	5	6	6	12
TOTAL :	5	7	12	31	25	56	4	5	9	16	10	26	51	40	91

INFANTILE MORTALITY RATES

(DEATHS PER 1,000 BIRTHS)

	European		Native		Coloured		Asiatic	
During 1st Week	9	: 12.8	16	: 52.8	1	: 7.5	5	: 7.1
1 week - 3 weeks	0	: 0	3	: 9.9	0	: 0	2	: 2.8
1 month - 2 months	1	: 0.14	9	: 29.7	2	: 15.0	2	: 2.8
3 months - 5 months	2	: 0.3	13	: 42.9	1	: 7.5	9	: 12.8
6 months - 8 months	0	: 0	10	: 33.0	3	: 22.5	3	: 4.3
9 months - 11 months	0	: 0	5	: 16.5	2	: 15.0	5	: 7.1
Infantile Mortality Rate	12	: 17.04	56	: 184.8	9	: 67.7	26	: 36.9

PERCENTAGE OF DEATHS AT ALL AGES OCCURRING IN THE FIRST YEAR OF LIFE.

European	: 4.5%
Native	: 28.9%
Coloured	: 27.3%
Asiatic	: 20.6%
All Non-European	: 25.8%
All Races	: 16.7%

INFANTILE DEATHS FROM VARIOUS CAUSES EXPRESSED AS A PERCENTAGE OF ALL INFANTILE DEATHS.

	European		Native		Coloured		Asiatic		All Non-Eur.	
	No.	%	No.	%	No.	%	No.	%	No.	%
Malnutrition	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis (All Forms)	0	0.0	1	1.8	1	11.1	0	0.0	2	2.2
Gastro-Intestinal Infections	1	8.5	13	23.3	2	22.2	4	15.4	19	20.9
Bronchitis & Pneumonia	0	0.0	18	32.4	3	33.3	10	38.5	31	34.0
Malformations	1	8.5	1	1.8	0	0.0	0	0.0	1	1.1
Congenital Debility	0	0.0	1	1.8	0	0.0	3	11.4	4	4.4
Prematurity	5	42.5	7	12.5	0	0.0	1	3.8	8	8.8
Injury at Birth	1	8.5	2	3.6	0	0.0	0	0.0	2	2.2
Asphyxia	1	8.5	3	5.4	1	11.1	2	7.6	6	6.6
Melaena Neonatorum	1	8.5	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis	0	0.0	4	7.2	0	0.0	0	0.0	4	4.4
Diphtheria	0	0.0	0	0.0	1	11.1	1	3.8	2	2.2
Other Specified Causes	2	17.0	6	10.8	1	11.1	4	15.4	13	14.3
All-Defined Causes	0	0.0	0	0.0	0	0.0	1	3.8	1	1.1
	12		56		9		26		91	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

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(OFFICE OF THE DEAN)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

PULMONARY TUBERCULOSIS.

DEATHS IN MONTHS OF THE YEAR.

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	1	2	3	0	0	0	0	0	0	1	2	3
August	1	0	1	2	1	3	0	0	0	1	2	3	3	3	6
September	0	0	0	1	2	3	0	0	0	0	1	1	1	3	4
October	0	0	0	2	0	2	0	0	0	3	0	3	5	0	5
November	1	1	2	0	1	1	0	0	0	1	1	2	1	2	3
December	0	1	1	1	0	1	1	0	1	0	1	1	2	1	3
January	1	2	3	2	0	2	0	0	0	0	1	1	2	1	3
February	0	0	0	1	0	1	0	1	1	1	0	1	2	1	3
March	1	0	1	0	2	2	0	0	0	3	1	4	3	3	6
April	1	0	1	1	0	1	1	0	1	0	0	0	2	0	2
May	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
June	0	0	0	1	2	3	0	1	1	0	2	2	1	5	6
TOTAL :	5	4	9	13	10	23	2	2	4	9	9	18	24	21	45

PULMONARY TUBERCULOSIS DEATH RATES PER 1,000 POPULATION

European	:	0.34
Native	:	1.44
Coloured	:	1.46
Asiatic	:	1.66
All Non-European	:	1.53
ALL PERSONS	:	0.97

DEATHS IN AGE GROUPS

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
0 - 1 year	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
1 - 2 years	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
2 - 4 years	0	0	0	0	1	1	1	0	1	0	1	1	1	2	3
5 - 14 years	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
15 - 24 years	1	0	1	1	4	5	0	0	0	3	1	4	4	5	9
25 - 34 years	0	1	1	3	1	4	0	0	0	1	2	3	4	3	7
35 - 44 years	1	1	2	2	1	3	0	0	0	2	2	4	4	3	7
45 - 54 years	1	0	1	7	1	8	0	1	1	1	1	2	8	3	11
55 - 64 years	0	2	2	0	0	0	0	1	1	1	0	1	1	1	2
65 - 74 years	2	0	2	0	0	0	1	0	1	1	0	1	2	0	2
75 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	5	4	9	13	10	23	2	2	4	9	9	18	24	21	45

NON-PULMONARY TUBERCULOSISDEATHS IN MONTHS OF THE YEAR.

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
November	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	0	1	1	1	1	2	0	0	0	1	0	1	2	1	3
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
April	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
May	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	0	1	1	6	2	8	0	1	1	1	1	2	7	4	11

DEATH RATE PER 1,000 POPULATION

European	:	0.04
Native	:	0.50
Coloured	:	0.36
Asiatic	:	0.18
All Non-European	:	0.37
ALL PERSONS	:	0.21

DEATHS IN AGE GROUPS

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
0 - 1 year	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
1 - 2 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
2 - 4 years	0	1	1	0	1	1	0	0	0	1	0	1	1	1	2
5 - 14 years	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
15 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 34 years	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
35 - 44 years	0	0	0	3	0	3	0	0	0	0	0	0	3	0	3
45 - 54 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 - 64 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
65 - 74 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 & Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	0	1	1	6	2	8	0	1	1	1	1	2	7	4	11

C A N C E RDEATHS IN AGE GROUPS

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1 - 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 34 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 - 44 years	2	1	3	0	0	0	0	2	2	0	1	1	0	3	3
45 - 54 years	1	2	3	0	1	1	0	0	0	0	0	0	0	1	1
55 - 64 years	3	6	9	0	0	0	0	1	1	0	1	1	0	2	2
65 - 74 years	5	3	8	0	0	0	0	0	0	1	1	2	1	1	2
75 & Over	4	4	8	0	0	0	1	0	1	1	0	1	2	0	2
TOTAL :	16	16	32	0	2	2	1	3	4	2	3	5	3	8	11

DEATH RATES PER 1,000 POPULATION

European	:	1.21
Native	:	0.12
Coloured	:	1.46
Asiatic	:	0.46
All Non-European	:	0.37
ALL PERSONS	:	0.77

FORMS OF CANCER CAUSING DEATHS GIVEN IN AGE GROUPS

RESIDENTS ONLY

	0 - 24				25 - 44				45 - 64				65 & Over			
	Eur.		N-Eur.		Eur.		N-Eur.		Eur.		N-Eur.		Eur.		N-Eur.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Cancer of :-																
100. Buccal Cavity	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
101. Oesophagus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102. Stomach & Duodenum	0	0	0	0	0	0	0	0	1	0	0	1	4	2	0	1
103. Rectum	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
104. Liver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105. Pancreas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106. Other digestive organs (incl. peritoneum)	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0
107. Larynx	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
108. Mediastinum	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
109. Lung	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110. Uterus	0	0	0	0	0	0	0	1	0	4	0	2	0	1	0	0
111. Other female genital organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112. Breast	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0
113. Prostate	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0
114. Oth. Male genital organs	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
115. Male & Female urinary organs	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
116. Skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117. Brain & oth. parts of Nervous System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119. Oth. & unspecified organs	0	0	0	0	2	0	0	0	0	0	0	0	1	1	0	0
131. Non-Malignant Tumours - Other & unspecified organs	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tumours of undetermined nature-																
133. Uterus	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
135. Brain, etc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	1	0	0	1	2	1	0	3	4	8	0	3	9	7	3	1

DEATHS DUE TO BRONCHITIS AND PNEUMONIA.

(Code Nos. 402 - 406)

RESIDENTS : (Given in months of the year)

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	3	1	4	3	0	3	0	0	0	0	0	0	3	0	3
August	3	0	3	2	0	2	0	0	0	2	1	3	4	1	5
September	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
October	0	0	0	0	1	1	1	0	1	0	0	0	1	1	2
November	0	2	2	2	2	4	0	1	1	0	0	0	2	3	5
December	0	0	0	3	1	4	0	0	0	1	1	2	4	2	6
January	1	1	2	6	2	8	0	1	1	1	2	3	7	5	12
February	1	0	1	2	1	3	1	0	1	2	1	3	5	2	7
March	0	0	0	1	1	2	0	1	1	2	0	2	3	2	5
April	1	0	1	1	1	2	0	0	0	0	1	1	1	2	3
May	0	0	0	1	0	1	0	0	0	0	1	1	1	1	2
June	1	0	1	4	0	4	0	0	0	2	1	3	6	1	7
TOTAL :	10	4	14	25	10	35	2	3	5	10	9	19	37	22	59

RESIDENTS : (Given in Age Groups)

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	13	5	18	1	2	3	6	4	10	20	11	31
1 - 2 years	0	0	0	3	1	4	1	1	2	2	2	4	6	4	10
2 - 4 years	0	1	1	0	1	1	0	0	0	1	3	4	1	4	5
5 - 14 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
15 - 24 years	0	0	0	2	1	3	0	0	0	0	0	0	2	1	3
25 - 34 years	1	0	1	2	0	2	0	0	0	0	0	0	2	0	2
35 - 44 years	3	0	3	2	0	2	0	0	0	0	0	0	2	0	2
45 - 54 years	0	1	1	3	1	4	0	0	0	1	0	1	4	1	5
55 - 64 years	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
65 - 74 years	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
75 & Over	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	10	4	14	25	10	35	2	3	5	10	9	19	37	22	59
Bronchitis	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonia	8	3	11	25	10	35	2	3	5	10	9	19	37	22	59
TOTAL :	10	4	14	25	10	35	2	3	5	10	9	19	37	22	59

DEATH RATES PER 1,000 POPULATION

BRONCHITIS : (Code Nos. 402 - 403)			PNEUMONIA : (Code Nos. 404 - 406)		
European	:	0.11	European	:	0.42
Native	:	-	Native	:	2.20
Coloured	:	-	Coloured	:	1.82
Asiatic	:	-	Asiatic	:	1.75
All Non-European	:	-	All Non-European	:	2.00
ALL PERSONS	:	0.05	ALL PERSONS	:	1.25

DISEASES OF THE HEART AND CIRCULATORY SYSTEM

(Code Nos. 350 - 368)

DEATHS IN AGE GROUPS.

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
1 - 2 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	1	1	0	0	0	0	0	0	0	1	1	0	1	1
15 - 24 years	1	0	1	1	1	2	1	0	1	0	0	0	2	1	3
25 - 34 years	0	0	0	2	0	2	0	0	0	1	2	3	3	2	5
35 - 44 years	4	0	4	3	0	3	0	0	0	3	1	4	6	1	7
45 - 54 years	4	3	7	5	1	6	1	0	1	1	3	4	7	4	11
55 - 64 years	14	4	18	4	2	6	0	1	1	4	1	5	8	4	12
65 - 74 years	21	12	33	2	2	4	1	1	2	5	1	6	8	4	12
75 & Over	18	21	39	1	2	3	0	0	0	3	0	3	4	2	6
TOTAL :	62	41	103	20	8	28	3	2	5	17	9	26	40	19	59

DEATH RATE (PER 1,000 POPULATION)

European	:	3.90
Native	:	1.76
Coloured	:	1.82
Asiatic	:	2.40
All Non-European	:	2.00
ALL PERSONS	:	2.90

DEATHS DUE TO DIARRHOEA AND ENTERITIS (Under age of 2 years)

(Code No. 458)

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
August	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
September	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
October	0	0	0	0	2	2	1	0	1	1	0	1	2	2	4
November	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
December	0	0	0	1	1	2	0	1	1	1	0	1	2	2	4
January	0	0	0	4	1	5	0	0	0	0	0	0	4	1	5
February	0	0	0	3	2	5	0	0	0	0	0	0	3	2	5
March	1	0	1	0	1	1	0	1	1	1	0	1	1	2	3
April	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
May	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
June	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	2	0	2	11	10	21	1	2	3	4	0	4	16	12	28

DISTRICTS OF RESIDENCE OF CASES OF ENTERIC FEVER AND TUBERCULOSIS

	Notifications of Enteric Fever	Deaths from Tuberculosis
P.M. Burg Central	17	31
Zwartkop Valley	0	1
Wembley	0	3
Scottsville (in water supply area)	6	3
Scottsville (outside water supply area)	0	0
Mountain Rise	2	1
Pentrich (in water supply area)	5	12
Pentrich (outside water supply area)	0	0
Chase and Town Bush Valleys	0	0
Sobantu Village	0	11
Hathorn's Hill	0	3
Asiatic Housing Scheme	0	0
No fixed abode	0	1
TOTAL :	30	66

TUBERCULOSIS CLINIC

July 1st, 1947, to June 30th, 1948.

	European						Native						Coloured						Asiatic						Total					
	Bor.			O/B			Bor.			O/B			Bor.			O/B			Bor.			O/B			Bor.			O/B		
	M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F				
New Cases	23	34		1	2		46	35	65	47	3		6	7	4	3	53	17	9	9	9	128	93		79	61				
Total Attendances	88	101		14	7		173	78	105	72	30		40	43	12	30	265	60	102	21	566	282		233	130					
Sputa Examined	-	-		-	-		-	-	-	-	-		1	-	-	-	4	-	-	-	5	-		-	-					
Sputa Positive	1	-		-	-		-	-	-	-	-		-	-	-	-	-	-	-	-	1	-		-	-					
X-ray Examinations	33	47		5	2		32	62	66	34	6		15	15	5	6	105	36	14	4	185	160		90	46					
" Positive	12	5		-	3		13	12	32	8	3		5	7	3	3	38	15	13	1	68	39		48	15					
Positive Diagnosis made	-	1		-	-		2	-	8	3	1		1	-	-	1	1	1	3	1	4	2		11	5					
Admitted to Hospital from Clinic	-	-		-	1		1	3	7	4	-		1	-	1	-	-	-	-	1	2	3		8	6					
Contacts Examined	7	6		-	-		1	-	4	-	1		1	2	2	1	9	8	3	1	18	16		9	2					
Home Visits to Tuberculo- tics and their contacts (Borough cases only)	EUROPEAN						NATIVE						COLOURED						ASIATIC						TOTAL					
	557						1,810						153						548						3,068					

VENEREAL DISEASE

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1948.

EUROPEAN (for key) (see page) (54)	A Transferred to Hospital				E New Cases				C Transferred from Hospital & Oth. Clinics				D Undergoing Course II of treatment				E Undergoing Course III of treatment				F Undergoing Course IV of treatment				G Undergoing Course V of treatment				H Total Attendances						
	M		F		M		F		M		F		M		F		M		F		M		F		M		F		M		F				
	O/B		O/B		O/B		O/B		O/B		O/B		O/B		O/B		O/B		O/B		O/B		O/B		O/B		O/B		O/B		O/B				
	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F	Bor.	F			
1					1				1	1			50	15			80	11											182		38				
2					1				3	1			29	2	5		27	1											170	2	6				
3					1				6	2	1		43	2	5		23	7										2	13	9	2	160	33	14	15
4																																			
5									3	3			15	19			9	10	16										111	85			13		
6																																			
7									1		1																		1	2			3		
8																																			
9	1				4	2	2	1	5	2																		50	18	15	1				
10																																			
11																																			
12									1																										
13																																			
14																																			
15																																			
16																																			
17					1	2			2	1																				13	12	1	1		
18																														33	1	2			
TOTAL :	1	0	0	0	8	8	2	2	21	7	4	0	137	23	25	11	140	23	12	16	34	3	0	2	106	37	0	2	720	153	76	33			

19. Discharged on Probation. Borough : Males 19 Females 7 Out-of-Borough : Males 10 Females 6

20. Discharged Finally " : Males 7 Females 8 " : Males 2 Females 1

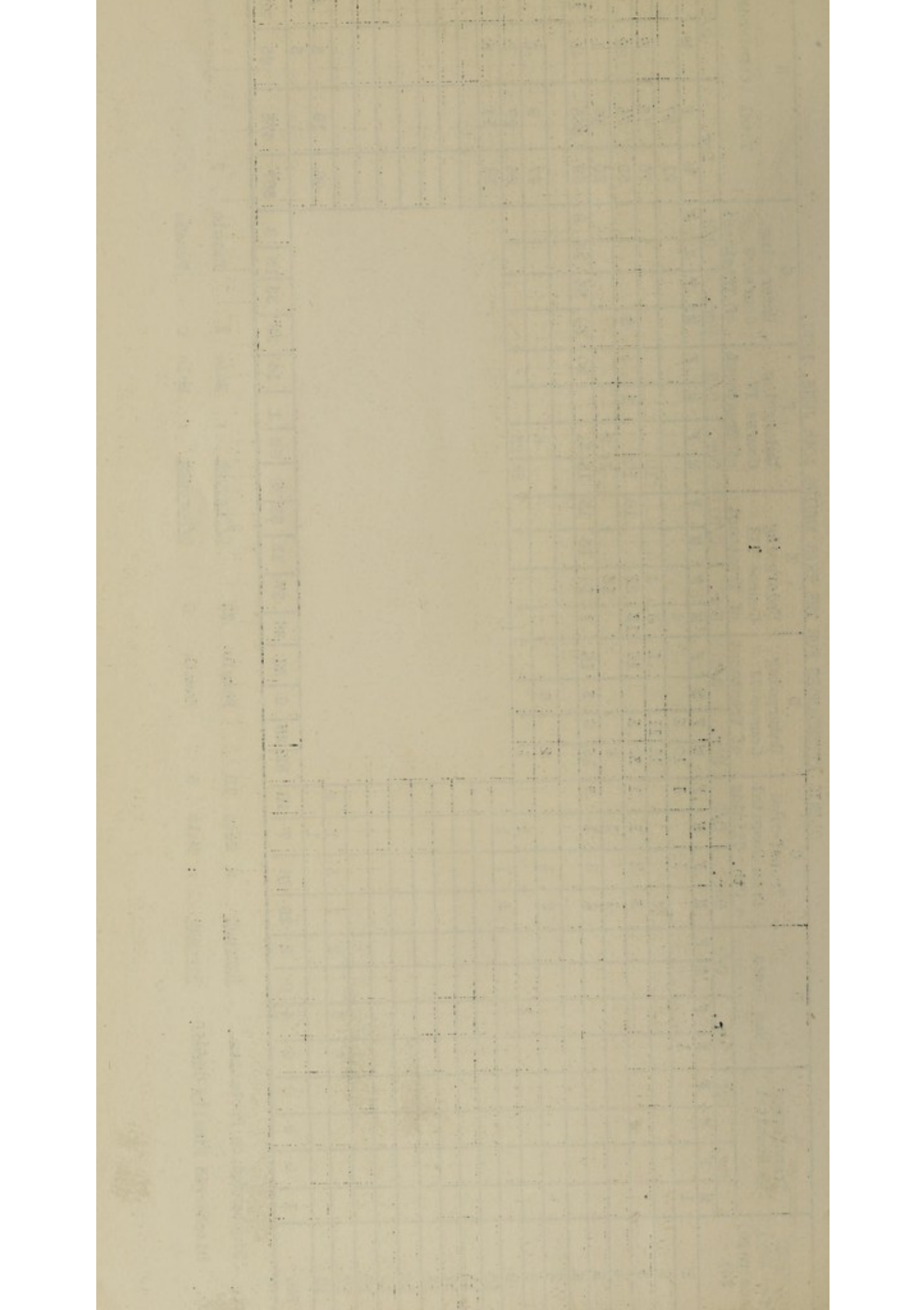
VENEREAL DISEASE. Cont'd.

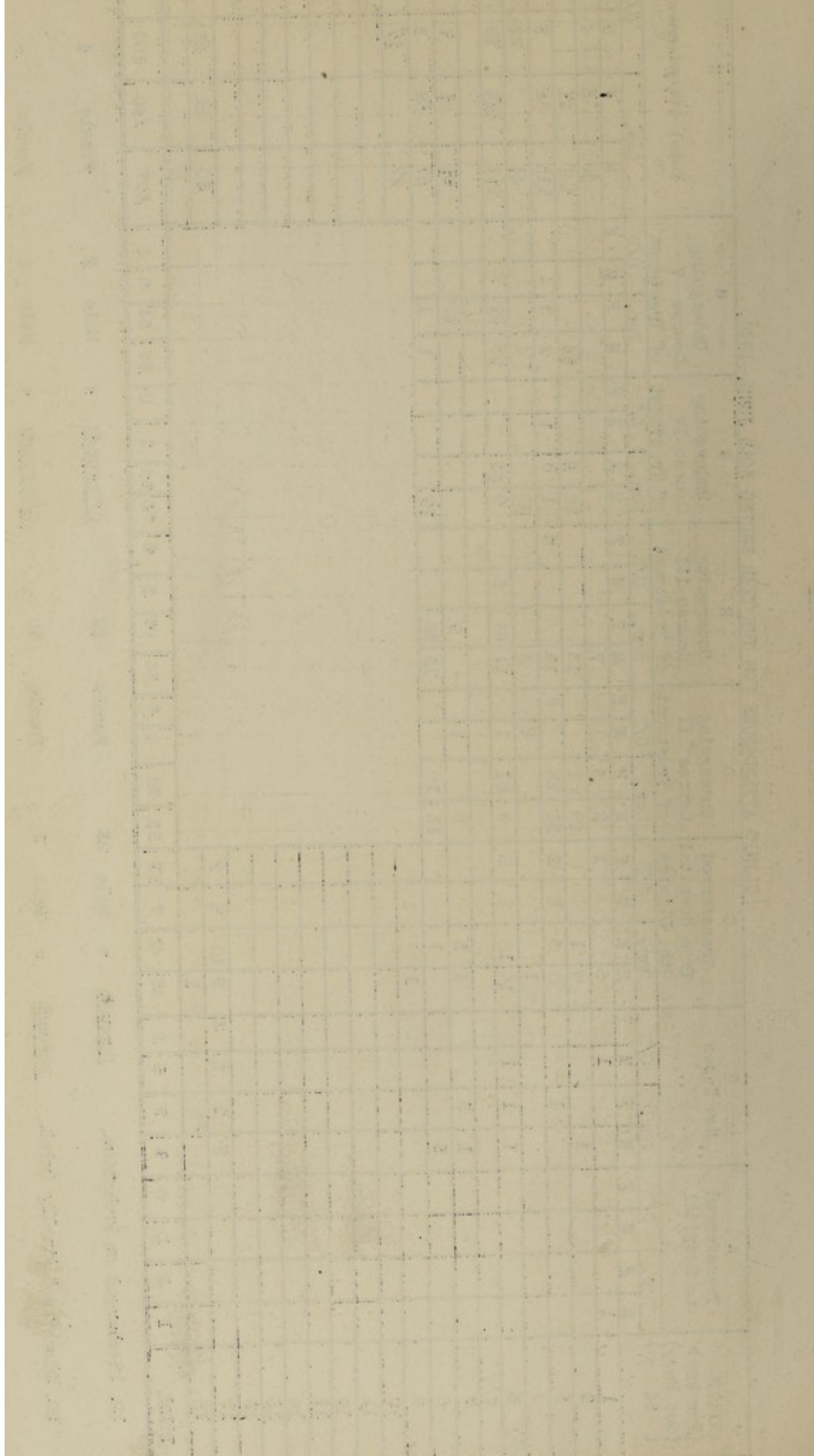
CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1948.

NATIVE (for key) (see page) (54)	A				B				C				D				E				F				G				H				
	Transferred to Hospital				New Cases				Transferred from Hospital & Oth. Clinics				Undergoing Course II of Treatment				Undergoing Course III of Treatment				Undergoing Course IV of Treatment				Undergoing Course V of treatment				Total Attendances				
	O/B		F		M		F		M		F		M		F		M		F		M		F		M		F		O/B				
	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F		
1	2	4	1					55	4	19	5	289	9	57	6	128	1	11	4	97	5		39	206	21	27	17	1589	43	303	108		
2	5	1	2					52	5	16	3	429	6	68	31	328	2	34	21	232	45												
3	6	5	3	12	3	2		2	169	80	58	142	730	305	212	374	458	126	58	142	282	72	33	107	28	77	43	53	2602	1109	673	1404	
4	1	1			1			1	7	1	8	2	24		5	32	10			2	1	1	4	68	45	9	38	179	53	49	106		
5	2	3		6	11	18	3	38	94	100	30	174	479	283	53	368	333	229	22	245	270	122	21	160	315	78	17	133	2398	1541	306	2421	
6								1																							9	1	
7	1	1	2	1		4	9	12	7	9	18	32	5		18	13	13		23	11		3	2	9		1	1	1	56	63	173	256	
8		1	1		2	4	1	3	3	4	1	5																					
9	1	1			5	1	1	2	42	7	12	11		1	13	8			5	1				4	1	46							
10																																	
11	1	1	1	1				2			1	2																					
12	1		1						8			1																					
13	1							8																									
14																																	
15																																	
16																																	
17	2	1	1	1	45	27	18	45	64	50	41	68																					
18																																	
TOTAL :	23	11	16	21	72	58	32	105	541	269	209	451	1956	604	424	832	1270	358	153	425	883	198	107	284	657	268	102	243	899	3301	2142	4994	

19. Discharged on Probation :	<u>Borough</u>	Male	206	Female	90	0/Borough :	Male	125	Female	177
-------------------------------	----------------	------	-----	--------	----	-------------	------	-----	--------	-----

20. Discharged Finally	:	"	:	Male	59	Female	41	O/Borough	:	Male	21	Female	50
------------------------	---	---	---	------	----	--------	----	-----------	---	------	----	--------	----





VENEREAL DISEASE. Cont'd.

EPIDEMIC (V.D.) HOSPITAL RETURNS

YEAR ENDING 30th JUNE, 1948.

NATIVES (For key) (See Page) (54)	A In Hospital last day of precedg. year				B Admitted from Pass Office & Goal				C Admitted Vol- untary & from V.D. Clinic				Discharged or Absconded or Died after Treatment of Duration																	
	Dor.		O/B		Dor.		O/B		Dor.		O/B		0 - 14 Days			15 - 28 Days			29 - 42 Days			43 - 56 Days			57 + Days					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	H			
	Por.														Por.			Por.			Por.			Por.			Por.			
1	3	1	4	2	17	6	2	56	6	62	14	33	3	36	10	34	4	33	7	2	2	1								
2	5		3		12	1	9	1	43	1	97	19	30	40	9	23	1	55	9	4	1	7	1	2						
3	4	2	15	22	28	14	19	49	33	126	373	507	10	70	198	271	73	56	191	248	7	16	19	1	1	4	2	1	2	4
4								1	1	2	9	8	1	3		1	1	3	4		1	2	4							
5	1			2	3		2	7	12	14	21	76	15	11	18	57	1	2	3	22		1	1					1	1	
6																														
7			3					1	7	6	43	37	5	5	33	28	1	1	9	9					1					
8			3	1				1	2	3	19	27	1	2	10	12	1	1	9	9		1	1							
9			5	2	12	3	5	7	54	15	61	40	60	163	63	40	4	1	6	6		1							1	
10				1								2			1															
11			2						4	3	16	7	4	2	13	5			2											
12									11	1	9	2	8	2	6	2	5		3	1				1						
13									7		5	1	2		2		4		1				1							
14											4	2			1				1				1						1	1
15	1	1	1	1	10			7	2	11	2	23	5		14	3	13	3	13	5			1	1					1	2
16																														
17	1	1	2	3	3	3	5	13	28	23	107	134	25	27	87	116	4		24	23	3		1	3						

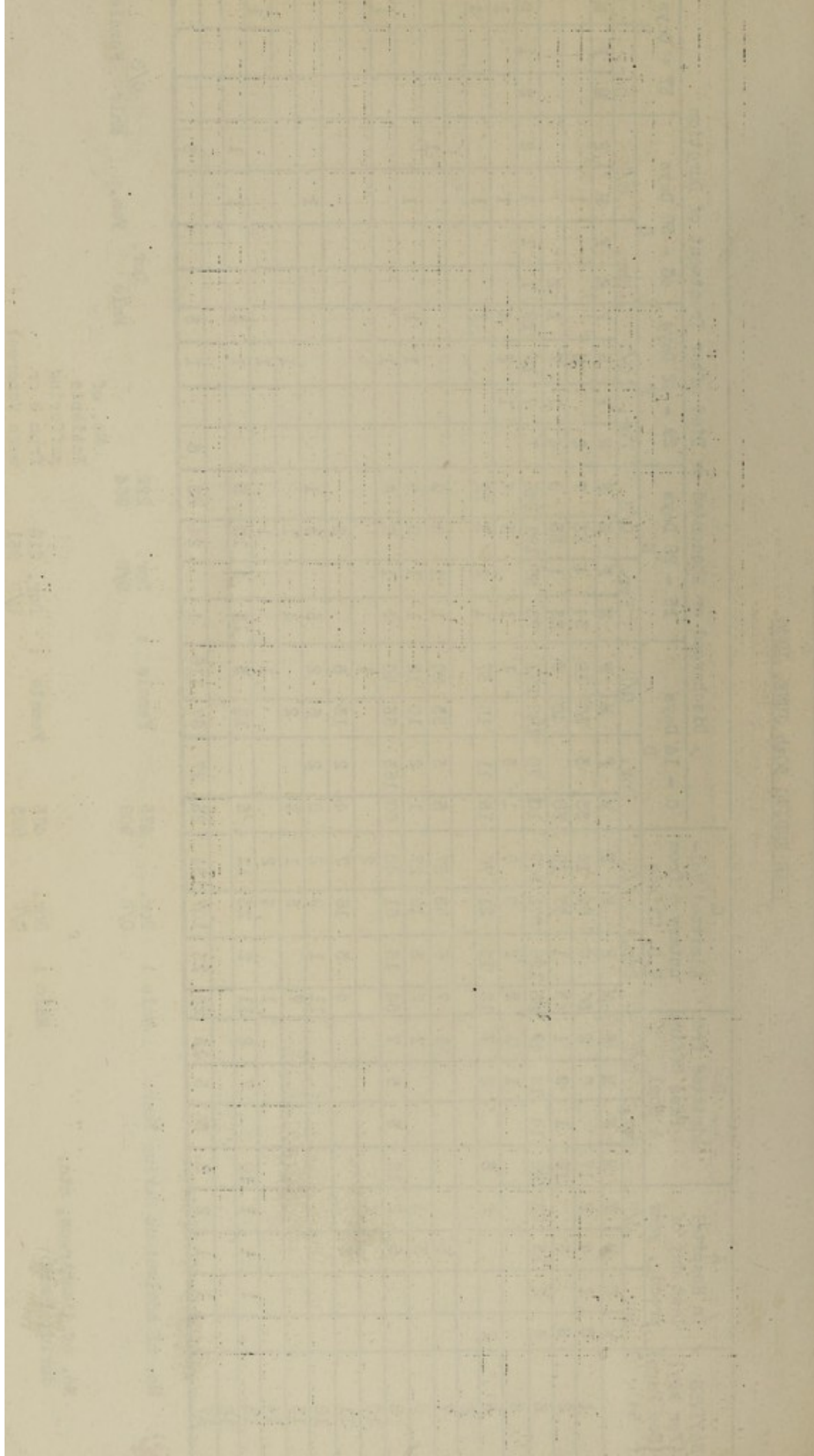
No. of admissions during Year. Male : Dor. 475 Female : Dor. 222 No. of Patients suffering from 2 or more Venereal Diseases. 13 2 24 7

Male : O/B 909 Female : O/B 964 Male Female Male Female

No. of discharges, etc., during Year.

Male : Dor. 465 Female : Dor. 219 13 2 24 7

Male : O/B 893 Female : O/B 951



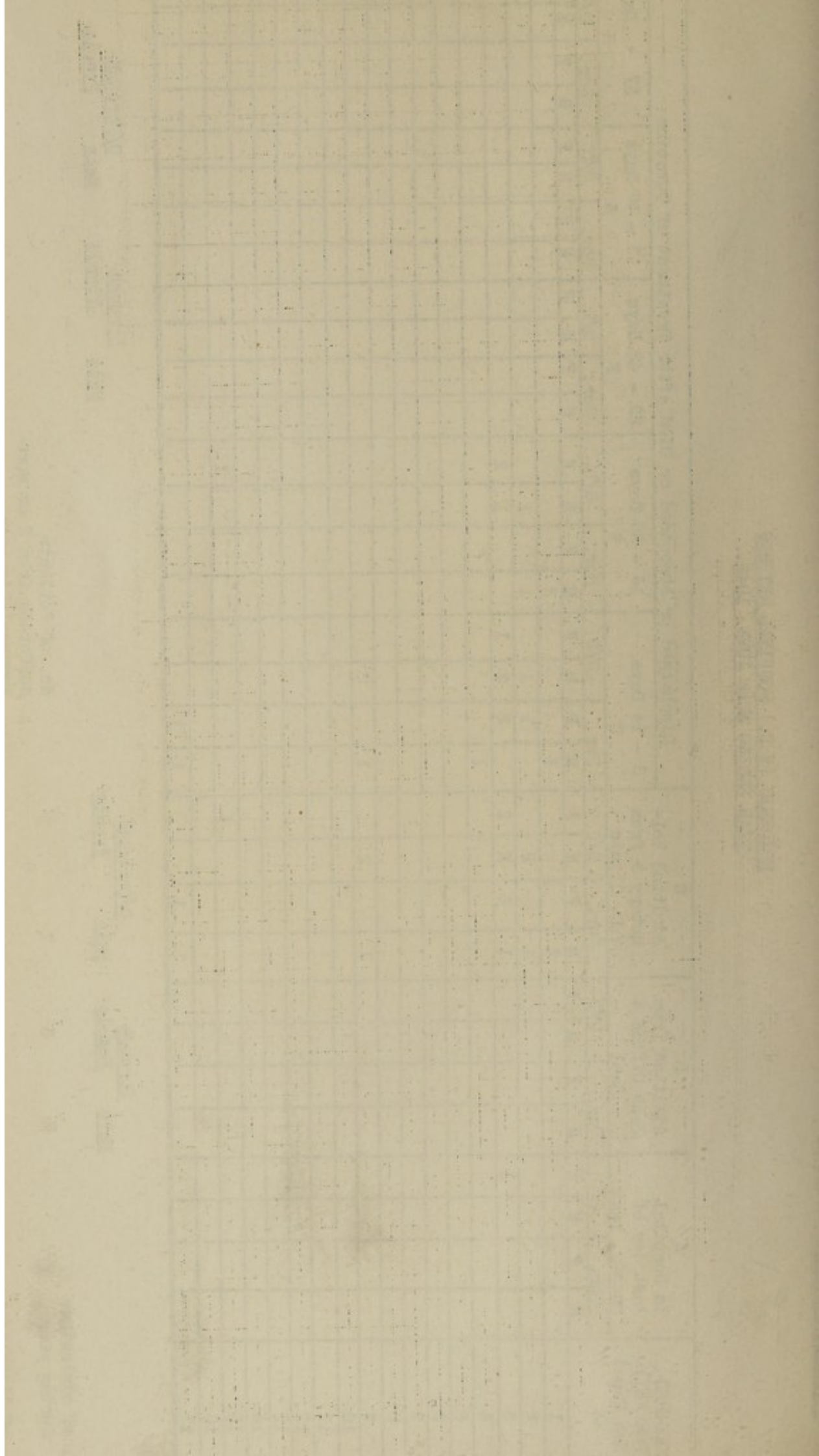
VENEREAL DISEASE. Cont'd.

EPIDEMIC (V.D.) HOSPITAL RETURNS
YEAR ENDING 30th JUNE, 1948.

COLOURED (FOR KEY) (See Page) (54)	A In Hospital last day of precedg. year				B Admitted from Pass Office & Gaol				C Admitted Vol- untary & from V.D. Clinic				Discharged or Absconded or Died after Treatment of Duration											
	Por.		O/B		Por.		O/B		Por.		O/B		D		E		F		G		H			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
1														1										
2															1									
3																								
4																								
5																								
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9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								

	Borough		O/Borough		Borough		O/Borough	
	Male	Female	Male	Female	Male	Female	Male	Female

No. of admissions
during yearNo. of Patients
suffering from 2 or more
Venereal DiseasesNo. of discharges
during year



VENEREAL DISEASE. Cont'd.

EPIDEMIC (V.D.) HOSPITAL RETURNS
YEAR ENDING 30th JUNE, 1948.

ASIATICS (For key) (See Page) (54)	A In Hospital last day of pregn., year		B Admitted from Pass Office & Casal				C Admitted Vol- untary & from V.D. Clinic				Discharged or Absconded or Died after treatment of Duration											
	O/B		O/B		O/B		O/B		O/B		D		E		F		G		H			
	Por.	M	Por.	M	Por.	M	Por.	M	Por.	M	Por.	M	Por.	M	Por.	M	Por.	M	Por.	M		
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		
1																						
2																						
3																						
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7																						
8																						
9																						
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11																						
12																						
13																						
14																						
15																						
16																						
17																						

Borough Male Female O/Borough Male Female

Borough Male Female O/Borough Male Female

No. of admissions during
year

No. of Patients suffering
from 2 or more Venereal
Diseases.

No. of discharges during
year

2 0 1 0

16 4 14 3

19 4 14 3

VENEREAL DISEASE. Cont'd.

ANTE-NATAL TREATMENT OF SYPHILIS AT V.D. CLINICS

YEAR ENDING 30th JUNE, 1948.

	STAGE OF PREGNANCY																				
	1 - 3 months						4 - 6 months						7 - 9 months								
	Eur.		Nat.		Col.		Eur.		Nat.		Col.		Eur.		Nat.		Col.				
	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B			
No. of Pregnant women submitted to Serological Test	-	-	1	5	1	-	-	-	5	21	6	1	3	-	-	20	50	2	3	8	4
No. of Positive or doubtful Reactors	-	-	-	1	-	-	-	-	3	9	1	-	1	-	-	20	27	1	1	3	-
No. of those who had previously received treatment	-	-	-	1	-	-	-	-	3	4	-	-	2	-	-	2	5	-	-	1	-
No. undergoing a First course of treatment during pregnancy	-	-	-	1	1	-	-	-	2	20	3	-	2	-	-	13	37	1	2	7	4
No. undergoing a 2nd or 3rd course of treatment during pregnancy	-	-	1	3	-	-	-	-	3	4	1	-	2	-	-	3	11	-	1	2	-

VENEREAL DISEASE. Cont'd.KEY TO VENEREAL DISEASE CLINIC AND HOSPITAL RETURNS

1. Seronegative Primary Syphilis.
2. Seropositive Primary Syphilis.
3. Secondary Syphilis.
4. Tertiary Syphilis (clinical).
5. Endosyphilis (Serological).
6. Neurosyphilis.
7. Congenital Syphilis under 1 year.
8. Congenital Syphilis over 1 year.
9. Gonorrhoea.
10. Gonococcal Vulvo Vaginitis.
11. Gonococcal Ophthalmia.
12. Ulcus Molle.
13. Lymphopathia Venereum.
14. Granuloma Venereum.
15. Venereal Warts.
16. Phagedaena.
17. Suspected Venereal Disease which proved Non-Venereal.
18. Suffering from 2 or more Venereal Diseases.

DAILY AVERAGE OF IN-PATIENTS AT MUNICIPAL EPIDEMIC HOSPITAL.(Non-European Venereal Diseases)

MALE : 59

FEMALE : 48

TOTAL : 107

VENEREAL DISEASE HOME VISITS

European	Native	Coloured	Asiatic	Total
M : F	M : F	M : F	M : F	M : F : PERSONS
73 : 59	890 : 570	107 : 235	166 : 317	1236 : 1181 : 2417

1. General Information
 2. Description of the Project
 3. Objectives and Scope
 4. Methodology
 5. Results and Discussion
 6. Conclusion
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 8. Appendix
 9. Glossary
 10. Index
 11. Bibliography
 12. List of Figures
 13. List of Tables
 14. Acknowledgments
 15. Author's Biography
 16. Declaration of Originality
 17. Certificate of Approval
 18. Certificate of Publication
 19. Certificate of Deposit
 20. Certificate of Copyright

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	12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ISOLATION HOSPITAL (EUROPEAN) AND NON-EUROPEAN INFECTIOUS
DISEASES HOSPITAL CASES ADMITTED JULY 1st, 1947, to JUNE
30th, 1948.

	<u>Borough Cases</u>					<u>Out-of-Borough Cases</u>					Total Cases Borough & Out/ Borough
	E	N	C	A	Total	E	N	C	A	Total	
Scarlet Fever	13	-	-	-	13	2	-	-	1	3	16
Measles	37	16	-	2	55	11	68	-	-	79	154
Diphtheria	13*	5	5	10	33	7	25	3	8	43	76
Mumps	48	4	-	-	52	-	1	-	-	1	53
Whooping Cough	5	3	2	1	11	2	10	-	-	12	23
Chicken Pox	9	8	-	-	17	1	10	1	-	12	29
Meningitis (C.S. Fever)	-	4	-	1	5	-	4	-	-	4	9
Pneumococcal Meningitis	-	1	-	-	1	-	-	-	-	-	1
Erysipelas	1	-	-	-	1	1	-	-	-	1	2
German Measles	4	-	-	-	4	-	-	-	-	-	4
Louse Borne Typhus Fever	-	-	-	-	-	-	3	-	-	3	3
Murine Typhus Fever	1	-	-	-	1	-	-	-	-	-	1
Typhoid Carrier	-	-	-	1	1	-	-	-	-	-	1
Pulmonary Tuberculosis	-	10	5	10	25	-	44	2	4	50	75
T.B. Meningitis	-	-	-	-	-	-	1	-	-	1	1
Poliomyelitis	27	2	1	2	32	4	21	-	-	25	57
Periphagus Neonatorum	-	-	-	1	1	-	-	-	-	-	1
Tick Bite Fever	-	-	-	-	-	1	-	-	-	1	1
Streptococcal Throat	-	-	-	-	-	1	-	-	-	1	1
Boarder	-	1	-	1	2	1	2	-	-	3	5
TOTAL :	158	54	13	29	254	31	189	6	13	239	493

* Including 2 "Carriers".

Lump Sum					Lump Sum					
1	2	3	4	5	6	7	8	9	10	
10	1	-	-	2	10	-	-	-	10	10
20	-	-	20	20	20	1	-	20	20	20
30	1	1	20	1	20	10	1	1	20	20
40	-	-	1	-	20	-	-	1	20	20
50	-	-	20	1	11	1	1	1	1	20
60	-	1	20	1	11	-	-	1	1	20
70	-	-	1	-	2	1	-	1	-	20
80	-	-	-	-	1	-	-	1	-	20
90	-	1	-	1	1	-	-	-	1	20
100	-	-	-	-	1	-	-	-	-	20
110	-	-	-	-	1	-	-	-	-	20
120	-	-	-	-	1	-	-	-	-	20
130	-	-	-	-	1	-	-	-	-	20
140	-	-	-	-	1	-	-	-	-	20
150	-	-	-	-	1	-	-	-	-	20
160	-	-	-	-	1	-	-	-	-	20
170	-	-	-	-	1	-	-	-	-	20
180	-	-	-	-	1	-	-	-	-	20
190	-	-	-	-	1	-	-	-	-	20
200	-	-	-	-	1	-	-	-	-	20
210	-	-	-	-	1	-	-	-	-	20
220	-	-	-	-	1	-	-	-	-	20
230	-	-	-	-	1	-	-	-	-	20
240	-	-	-	-	1	-	-	-	-	20
250	-	-	-	-	1	-	-	-	-	20
260	-	-	-	-	1	-	-	-	-	20
270	-	-	-	-	1	-	-	-	-	20
280	-	-	-	-	1	-	-	-	-	20
290	-	-	-	-	1	-	-	-	-	20
300	-	-	-	-	1	-	-	-	-	20
310	-	-	-	-	1	-	-	-	-	20
320	-	-	-	-	1	-	-	-	-	20
330	-	-	-	-	1	-	-	-	-	20
340	-	-	-	-	1	-	-	-	-	20
350	-	-	-	-	1	-	-	-	-	20
360	-	-	-	-	1	-	-	-	-	20
370	-	-	-	-	1	-	-	-	-	20
380	-	-	-	-	1	-	-	-	-	20
390	-	-	-	-	1	-	-	-	-	20
400	-	-	-	-	1	-	-	-	-	20
410	-	-	-	-	1	-	-	-	-	20
420	-	-	-	-	1	-	-	-	-	20
430	-	-	-	-	1	-	-	-	-	20
440	-	-	-	-	1	-	-	-	-	20
450	-	-	-	-	1	-	-	-	-	20
460	-	-	-	-	1	-	-	-	-	20
470	-	-	-	-	1	-	-	-	-	20
480	-	-	-	-	1	-	-	-	-	20
490	-	-	-	-	1	-	-	-	-	20
500	-	-	-	-	1	-	-	-	-	20
510	-	-	-	-	1	-	-	-	-	20
520	-	-	-	-	1	-	-	-	-	20
530	-	-	-	-	1	-	-	-	-	20
540	-	-	-	-	1	-	-	-	-	20
550	-	-	-	-	1	-	-	-	-	20
560	-	-	-	-	1	-	-	-	-	20
570	-	-	-	-	1	-	-	-	-	20
580	-	-	-	-	1	-	-	-	-	20
590	-	-	-	-	1	-	-	-	-	20
600	-	-	-	-	1	-	-	-	-	20
610	-	-	-	-	1	-	-	-	-	20
620	-	-	-	-	1	-	-	-	-	20
630	-	-	-	-	1	-	-	-	-	20
640	-	-	-	-	1	-	-	-	-	20
650	-	-	-	-	1	-	-	-	-	20
660	-	-	-	-	1	-	-	-	-	20
670	-	-	-	-	1	-	-	-	-	20
680	-	-	-	-	1	-	-	-	-	20
690	-	-	-	-	1	-	-	-	-	20
700	-	-	-	-	1	-	-	-	-	20
710	-	-	-	-	1	-	-	-	-	20
720	-	-	-	-	1	-	-	-	-	20
730	-	-	-	-	1	-	-	-	-	20
740	-	-	-	-	1	-	-	-	-	20
750	-	-	-	-	1	-	-	-	-	20
760	-	-	-	-	1	-	-	-	-	20
770	-	-	-	-	1	-	-	-	-	20
780	-	-	-	-	1	-	-	-	-	20
790	-	-	-	-	1	-	-	-	-	20
800	-	-	-	-	1	-	-	-	-	20
810	-	-	-	-	1	-	-	-	-	20
820	-	-	-	-	1	-	-	-	-	20
830	-	-	-	-	1	-	-	-	-	20
840	-	-	-	-	1	-	-	-	-	20
850	-	-	-	-	1	-	-	-	-	20
860	-	-	-	-	1	-	-	-	-	20
870	-	-	-	-	1	-	-	-	-	20
880	-	-	-	-	1	-	-	-	-	20
890	-	-	-	-	1	-	-	-	-	20
900	-	-	-	-	1	-	-	-	-	20
910	-	-	-	-	1	-	-	-	-	20
920	-	-	-	-	1	-	-	-	-	20
930	-	-	-	-	1	-	-	-	-	20
940	-	-	-	-	1	-	-	-	-	20
950	-	-	-	-	1	-	-	-	-	20
960	-	-	-	-	1	-	-	-	-	20
970	-	-	-	-	1	-	-	-	-	20
980	-	-	-	-	1	-	-	-	-	20
990	-	-	-	-	1	-	-	-	-	20
1000	-	-	-	-	1	-	-	-	-	20

ISOLATION HOSPITAL AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL.

The following alterations in diagnosis were made following observation in hospital :-

BOROUGH CASES.

In 2 cases (Eur.) diagnosis Scarlet Fever altered to Tonsillitis.
 In 1 case (Eur.) diagnosis " " altered to Haemolytic Streptococcal Tonsillitis.
 In 1 case (Eur.) diagnosis " " altered to P.U.O.
 In 2 cases (Eur.) diagnosis " " altered to Measles.
 In 2 cases (1 Nat., 1 As.) diagnosis Diphtheria altered to Tonsillitis.
 In 1 case (Eur.) diagnosis Diphtheria altered to Measles.
 In 1 case (Col.) diagnosis " altered to Diphtheroids.
 In 1 case (Nat.) diagnosis " altered to Nil Abnormal.
 In 1 case (Nat.) diagnosis " altered to Peritonsillar Abscess.
 In 1 case (Nat.) diagnosis Measles altered to Urticaria.
 In 1 case (Nat.) diagnosis Erysipelas altered to Cellulitis.
 In 1 case (Nat.) diagnosis Mumps altered to Not Mumps.
 In 1 case (Eur.) diagnosis " altered to Tonsillitis and Stomatitis.
 In 1 case (Eur.) diagnosis " altered to Pharyngitis.
 In 2 cases (1 Eur., 1 Col.) diagnosis Whooping Cough altered to Acute Bronchitis.
 In 1 case (Nat.) diagnosis Whooping Cough altered to Broncho Pneumonia.
 In 1 case (Nat.) diagnosis " " altered to Congenital Syphilis.
 In 1 case (Eur.) diagnosis Chicken Pox altered to Allergic Dermatitis.
 In 1 case (Nat.) diagnosis " " altered to Secondary Syphilis.
 In 5 cases (Eur.) diagnosis Anterior Poliomyelitis altered to Influenza.
 In 3 cases (2 Eur., 1 Nat.) diagnosis Anterior Poliomyelitis altered to P.U.O.
 In 1 case (Eur.) diagnosis Anterior Poliomyelitis altered to Meningitis.
 In 1 case (Nat.) diagnosis " " altered to T.B. Meningitis.
 In 1 case (Col.) diagnosis " " altered to Gastro-Enteritis.
 In 1 case (Eur.) diagnosis " " altered to Pneumonia.
 In 1 case (Eur.) diagnosis " " altered to Rheumatism.
 In 1 case (Eur.) diagnosis " " altered to Myalgia.
 In 2 cases (Eur.) diagnosis " " altered to Acute Myositis.

OUT-OF-BOROUGH CASES.

In 1 case (Nat.) diagnosis Measles altered to Typhoid Fever.
 In 1 case (Eur.) diagnosis Measles altered to Pharyngitis and Sudaminal Rash.
 In 1 case (Nat.) diagnosis " altered to Miliary T.B.
 In 1 case (Eur.) diagnosis Scarlet Fever altered to Burns with secondary infection.
 In 1 case (Nat.) diagnosis Diphtheria altered to Vincent's Angina.
 In 1 case (Nat.) diagnosis " altered to Laryngeal Obstruction (non Diphtherit
 In 1 case (Nat.) diagnosis " altered to Secondary Syphilis.
 In 1 case (Nat.) diagnosis " altered to Nil Abnormal.
 In 1 case (Nat.) diagnosis Meningitis altered to Tetanus.
 In 1 case (Nat.) diagnosis " altered to Pneumococcal Meningitis.
 In 4 cases (1 Eur., 3 Nat.) diagnosis Diphtheria altered to Tonsillitis.
 In 1 case (Eur.) diagnosis Typhus Fever altered to Tick Bite Fever.
 In 1 case (Nat.) diagnosis Mumps altered to Infective Parotitis.
 In 4 cases (1 Eur., 3 Nat.) diagnosis Whooping Cough altered to Acute Bronchitis.
 In 1 case (Nat.) diagnosis Whooping Cough altered to Pulmonary T.B.
 In 1 case (Nat.) " " " " Asthma.
 In 1 case (Col.) " " " " Insect Bites.
 In 4 cases (1 Eur., 3 Nat.) diagnosis Anterior Poliomyelitis altered to P.U.O.
 In 1 case (Nat.) diagnosis Anterior Poliomyelitis altered to Spinal Tumour.
 In 1 case (Nat.) diagnosis " " altered to T.B. Meningitis.
 In 1 case (Nat.) diagnosis " " altered to Broncho Pneumonia.

INFANT WELFARE1. INFANT CLINICS.

	European	Native	Coloured	Asiatic
<u>NEW CASES</u> : Under 1 Year	413	243	113	213
Over 1 Year	13	9	8	4
<u>OTHER ATTENDANCES.</u>				
Under 1 Year	5830	2279	1077	2631
Over 1 Year	1019	813	493	904
TOTAL :	7275	3344	1691	3752
Number on Register	889	373	261	367
Average Attendance per person	8.2	9.0	6.5	10.2

2. HOME VISITS.

	European	Native	Coloured	Asiatic	Total
Ante-Natal	20	62	145	310	637
First Visits - (Notified births)	521	240	115	506	1382
Re-visits (under 1 year)	1014	1381	595	1266	4256
Re-visits (from 1 - 6 years)	552	768	1727	2214	5261
Infectious Disease (Non-T.B.)	193	47	23	70	333
Protected Infants	10	6	18	29	63
Pediculosis & Scabies Visits	-	2	45	1	48
Confinement Visits	-	265	-	-	265
Infantile Mortality Visits	9	48	5	16	78
Nursing Home Visits	4	-	-	-	4
Other Home Visits (Housing Investigations, etc.)	12	-	46	-	58
TOTAL :	2335	2819	2719	4412	12285

3. MILK DISTRIBUTED.

	European	Native	Coloured	Asiatic	Total
Fresh - Pints	4907	6706	4995	13,042	29,650
Dried - lbs.	0	157	37	74	268

FOODSTUFFS.SAMPLES TAKEN AND SUBMITTED FOR ANALYSIS.1. MILK.Bacteriological Examination

Samples with less than 30,000 bacteria per c.c. :	35	(inc. 3 Pasteurised)
" " between 30,000 and 200,000 bacteria per c.c. :	17	(" 2 Pasteurised)
" " more than 200,000 bacteria per c.c. :	22	(" 2 Pasteurised)
TOTAL :	74	(Inc. 7 Pasteurised)
Samples with B. Coli present in 1/100 c.c. or less :	40	(inc. 2 Pasteurised)
" " B. Coli " in 1/10 but not in 1/100 c.c. :	18	(inc. 3 Pasteurised)
" " B. Coli absent in 1/10 c.c. or more :	16	(inc. 2 Pasteurised)
TOTAL :	74	(inc. 7 Pasteurised)

Chemical Examination (By Government Analyst)

Samples with Solids-Not-Fat 8.5% and over :	8
" " " " " over 8% & under 8.5% :	1
TOTAL :	9
Samples with Butter Fat over 3% :	9
" " " " " under 3% :	0
TOTAL :	9

2. ICE CREAM.

Samples of Ice Cream conforming to Standard :	3
" " " " not " " " " :	0
TOTAL :	3

3. SAUSAGE :

Samples of Sausage conforming to standard :	3
Samples " " not " " " " :	0
TOTAL :	3

4. MEAT.

Samples of Mince Meat conforming to standard :	4
" " " " not " " " " :	0
TOTAL :	4

REVENUE

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REVENUE

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FOODSTUFFS. Cont'd.5. FRUIT.

Samples of Apples conforming to standard	:	5
" " " not " " "	:	0
		<hr/>
TOTAL	:	5
		<hr/>

6. WATERS. (Bacteriological examination by Bio-Chemist - City Engineer's Department)

(Results recorded in accordance with method laid down by Ministry of)
(Health, Publication No. 71, 1939)

MUNICIPAL WATER SUPPLY.

Probable No. of Organisms
in 100 c.c.

		<u>No. of Samples</u>
0	.....	253
1	.....	39
2	.....	6
		<hr/>
TOTAL	:	298
		<hr/>

MUNICIPAL SWIMMING BATHS.

Probable No. of Organisms
in 100 c.c.

0	25
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OTHER SWIMMING BATHS.

Probable No. of Organisms
in 100 c.c.

		<u>No. of Samples</u>
0	57
3	1
		<hr/>
TOTAL	:	58
		<hr/>

OTHER SAMPLES TAKEN.

Probable No. of Organisms
in 100 c.c.

		<u>No. of Samples</u>
0	.....	9
3	.....	2
5	.....	1
6	.....	1
16	.....	1
18	.....	5
		<hr/>
TOTAL	:	19
		<hr/>

FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION.

The following foodstuffs were inspected and condemned in the Municipal Market and in Shops within the Borough :-

Apricots	29 tins, 1 box
Apricot Sweetmeats	2 packets
Asparagus	2 tins
Apples	98 cases, 1 tin
Apple Sauce	2 tins
Apple Rings	10 lbs.
Alka Seltzer Tablets	5 bottles
Beef (Luncheon)	2 tins
Beef (Corned)	10 tins
Beetroot	2 tins, 1 pocket
Beverages	1 Carton, 3 tins
Beans	84 tins, 1 bag, 87 pockets
Beans (dried)	1 packet
Buck Wheat Flour	2 packets
Bringal	49 pockets
Biscuits	18½ lbs.
Blancmange	1 packet
Baking Powder	2 tins
Cabbages	15 bags
Cornflour	1 lb.
Cauliflower	2 bags
Cream (condensed)	1 tin
Cucumber	1 pocket
Chicory	1 carton
Cocoa	24 pkts., 168 lbs.
Cereals, Breakfast	149 packets
Cheese	1 tin
Custard Powder	1 tin
Carrots	275 tins
Chutney	3 bottles
Cherries	4 tins
Clover	49 lbs.
Colouring	1 bottle
Coffee Essence	3 bottles
Corn	1 pkt.
Corn, Sweet	1 tin
Eggs	90½ doz.
Fowls (Dressed)	4
Fowls (Live)	8
Frankfurters	2 tins
Figs	45½ lbs.
Fish Paste	53 jars, 43 tins
Fruit Cakes	27 tins
Fish (Fresh)	676 lbs.
Fish (Tinned)	237 tins
Fruit Juices	1 bottle, 4 tins
Fruit	1 box
Fruit (tinned)	131 tins
Fruit (dried)	1 packet
Garlic	1 bag
Gherkins	37 bottles
Grapes	34 boxes
Gravy Powder	1 pkt., 1 tin
Ham	2 tins
Haddock	2 cases
Herrings	312 tins, 1 cask (114 lbs.)
Hops	8½ lbs.
Hares	8
Honey	1 bottle
Ice Cream Powder	2 pkts.
Infant Foods	8 bottles, 1 tin
Junket Powders	1 packet
Jan	72 tins
Lebster & Tomato Paste	1 tin
Lemons	3 pockets
	/ Malt

FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION. Cont'd.

Malt	26 bags
Mangoes	16 trays
Melon (Sweet)	1 box
Medicines	12 bottles, 10 pkts., 40 tins.
Milk, dried	2 tins
Milk, condensed	42 tins
Milk, malted	40 bottles, 5 tins
Marrows	6 pockets
Mealie Meal	2 bags
Meat & Vegetables	21 tins
Meat (tinned)	14 tins
Meat Extract	17 bottles
Meat Paste	5 tins, 1 bottle
Mustard	2 bottles
Marmalade	5 tins
Naartjies	4 trays
Onions	2 bags, 8 bottles
Olives	13 bottles
Pears	104 pockets, 6 boxes
Peas	18 tins, 239 pockets
Peaches	21 boxes, 8 trays
Potatoes	405 pockets
Potatoes (Sweet)	1 bag
Paw-Paws	30 trays
Pickles	173 bottles
Pea Nut Butter	3 bottles
Puddings	5 tins
Raisins	4 packets
Sausages	7 tins, 53 lbs.
Sauerkraut	13 tins
Salt	1 bag
Sardines	71 tins
Salmon	29 tins
Sandwich Spread	1 bottle
Spaghetti	3 tins, 1 bottle
Snoek	1 tin, 909 lbs., 5 cases
Soups	19 tins
Sauce	2 bottles
Sponge Powder	1 pkt.
Sorrel	6 pockets
Spinach	1 tin
Sweets	3 pkts., 6 boxes
Syrup	1 tin, 1 bottle
Tea	12 cartons, 1 box, 79 pkts., 159½ lbs.
Tomatoes	1 tray
Tomato Sauce	4 bottles, 147 tins
" Ketchup	1 bottle
Unlabelled Packages	38 tins, 1 packet
Vitamite	2 tins
Vermicelli	36 packets
Vegetables (Assorted)	125 tins, 1 box
Watermelons	1,520
Watercress	4 trays
Pilchards	3 tins

ABATTOIR

1. ANIMALS SLAUGHTERED :

Cattle :	11,513
Calves :	3,244
Sheep :	14,476
Pigs :	3,254
Goats :	252

TOTAL : 32,739

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS :

Quarters Beef :	7,633
Carcases Mutton :	1,772
Carcases Pork :	-
Carcases Veal :	-
Carcases Goat :	-

3. INCIDENCE OF CERTAIN DISEASES

	Carcases Examined	% Infected	Carcases Condemned	% Condemned
CATTLE - "Measles" (Cysticercus Bovis)	11,513	6.94%	97	0.84%
CALVES - "Measles" (Cysticercus Bovis)	3,244	4.68%	47	1.44%
PIGS - "Measles" (Cysticercus Cellulosae)	3,254	4.94%	132	4.06%
CATTLE - Tuberculosis	11,513	0.32%	24	0.21%
CALVES - Tuberculosis	3,244	-	-	-
PIGS - Tuberculosis	3,254	2.01%	2	0.06%

4. SUMMARY OF MEAT CONDEMNED :

	Carcases	Approx. Weight
BEEF	222	99,995 lbs.
BEEF : Portions of Carcases, Organs, etc.	-	134,840 lbs.
VEAL	164	6,550 lbs.
VEAL : Portions of Carcases, Organs, etc.	-	275 lbs.
PORK	161	17,770 lbs.
PORK : Organs, etc.	-	3,795 lbs.
MUTTON	24	685 lbs.
MUTTON : Organs, etc.	-	11,680 lbs.
GOAT	6	160 lbs.
		<u>275,750 lbs.</u>

ABATTOIR. Cont'd.

MEAT CONDEMNED (Approximate Weight)

Statement of Carcasses and Meat found to be affected with disease and unfit for human consumption : 1.7.47 - 30.6.48.

	DOVINES			PIGS			SHEEP AND GOATS		
	Condemned			Condemned			Condemned		
	Car-cases Infected	Whole Car-cases	Portions of Car-cases Approx. Weight (lbs.)	Car-cases Infected	Whole Car-cases	Portions of Car-cases Approx. Weight (lbs.)	Car-cases Infected	Whole Car-cases	Portions of Car-cases Approx. Weight (lbs.)
Actinomycosis	74	-	2,765	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	-
Measles (Veal)	152	47	200	-	-	-	-	-	-
" (Beef)	800	97	104,750	161	132	50	-	-	-
Lumpy Skin Disease (Veal)	1	1	-	-	-	-	-	-	-
Lumpy Skin Disease (Beef)	23	23	-	-	-	-	-	-	-
Lymphadenitis	-	-	-	-	-	-	4	4	-
Malignant Tumours	11	11	-	-	-	-	-	-	-
Mammitis	2	2	-	-	-	-	-	-	-
Metritis	1	1	-	-	-	-	-	-	-
Melanosis (Veal)	1	1	-	-	-	-	-	-	-
Pneumonia - Veal	12	12	-	-	-	-	-	-	-
" - Beef.	6	6	-	-	-	-	4	4	-
Pyæmia - Veal	21	21	-	-	-	-	-	-	-
" - Beef	5	5	-	1	1	-	1	1	-
Sarcocysts	1	1	-	15	15	-	-	-	-
Septicæmia (Veal)	2	2	-	-	-	-	-	-	-
" (Beef)	4	4	-	1	1	-	-	-	-
Tuberculosis	81	24	2,040	93	2	1,120	-	-	-
Nephritis (Veal)	2	2	-	-	-	-	-	-	-
Bruising (Beef)	13	13	8,135	5	5	225	2	2	80
Decomposition	-	-	4,040	-	-	-	-	-	-
Fevered (Beef)	1	1	-	3	3	-	2	2	-
Call Sickness (Veal)	1	1	-	-	-	-	-	-	-
" " (Beef)	1	1	-	-	-	-	-	-	-
Emac. & Oedema (Veal)	3	3	-	-	-	-	-	-	-
" (Beef)	30	30	-	1	1	-	5	5	-
Emaciation (Veal)	50	50	-	-	-	-	10	10	-
Immaturity (Veal)	19	19	-	-	-	-	-	-	-
Jaundice (Veal)	5	5	-	-	-	-	-	-	-
" (Beef)	3	3	-	1	1	-	2	2	-
Stilesia Hepatica, Fluke, Abscesses, O. Columbiana, etc.									
" (Beef)	-	-	134,840	-	-	2,400	-	-	11,630
" (Veal)	-	-	75	-	-	-	-	-	-

LICENCE APPLICATIONS

(1) Applications dealt with under Licences (control)
and Municipal Licences Ord. No. 19 of 1942 and
the Borough By-Laws.

	1	2	3	4	5	6	7	8	9	10	11	12	13
Applications received	124	21	-	29	35	-	10	273	1	35	6	107	162
Applications Approved without conditions	89	10	-	18	20	-	3	254	1	23	5	106	128
Applications approved subject to conditions since carried out	31	9	-	9	12	-	7	18	-	10	1	1	31
Applications withdrawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Applications in abeyance	-	-	-	-	-	-	-	-	-	-	-	-	-
Applications not in order	4	2	-	2	3	-	-	1	-	2	-	-	3

KEY TO ABOVE TABLE :-

1. General Dealers.
2. Aerated Water Manufacturers & Dealers.
3. Butchers.
4. Boarding Houses.
5. Eating & Refreshment Rooms.
6. Bakers.
7. Hairdressers.
8. Hawkers & Pedlars.
9. Laundries.
10. Produce Dealers.
11. Places of Entertainment.
12. Milk Purveyors.
13. Others.

(Owing to alterations in the Municipal Licences Ordinance)
(No. 19/1942 and in the Municipal Trade Licence By-Laws,)
(the routine renewal of all trade licences is no longer)
(submitted to this Department by the Licensing Officer.)

(2) Applications dealt with under Urban Areas Act.

Applications Received	11
Applications Returned "Not in Order"	1
Applications Approved Subject to Conditions	5
Applications Approved for Temporary Licence	5

SANITATION

Total of Inspections (General) Carried Out	8,746
Total of Rodent Inspections	512
Total of Notices and Letters served re Contravention of By-Laws ..	2,152

INSPECTION (GENERAL) GIVEN IN DETAIL 1.7.47 to 30.6.48.

1. Public Markets	318
2. Butchers' Shops	69
3. Dealers and General Dealers (Food)	358
4. Dealers and General Dealers (No food)	32
5. Fish and Poultry Shops	15
6. Bakers' Shops (without Bakehouse)	2
7. Bakehouses	10
8. Milkshops (Purveyors of Milk)	257
9. Ice Cream (Purveyors and Manufacturers of)	3
10. Tea Shops, Cafes, Restaurants and Eating Houses	134
11. Residential Hotels, Boarding Houses	63
12. Aerated Water Manufacturers	2
13. Other places where food is manufactured	2
14. Hawkers' Premises	4
15. Hawkers' Carts	1
16. Butchers' Carts and Carriers	2
17. Milk Delivery Carts	6
18. Bakers' Carts	1
19. Ice Cream Carts	0
20. Theatres and Bioscopes	5
21. Common Lodging Houses	34
22. Barracks	194
23. Other House Inspections	280
24. Hairdressers	31
25. Laundries	40
26. Factories and Workshops	7
27. Courts, Lanes and Alleys	13
28. Open Ground	53
29. Piggeries	7
30. Horse Stables	51
31. Dairy Stables & Dairies	1105
32. Cattle Dealers' Premises	45
33. Visits in connection with Infectious Diseases	508
34. Standing Water, Catchpits, re Mosquitoes, etc.	30
35. Undrained premises	55
36. Public Sanitary Conveniences	310
37. Refuse Tips	321
38. Other Visits	3895
39. Structural Defects in Premises	483

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25.	Maps	25
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97.	Maps	97
98.	Tables	98
99.	Figures	99
100.	Equations	100

Sanitation. Cont'd.

	B/Forward ...	8,746
46. Rodent Inspections		512
47. Premises fumigated for Vermin		413
47a. Other visits in connection with fumigation		285
48. Disinfections		4
49. Disinfection of Bedding and Clothing		84
50. Other Rodent inspections by Health Inspectors		33
		<hr/>
		1,331
		<hr/>

REPORTS FOR TRANSMISSION TO
OTHER MUNICIPAL DEPARTMENTS.

(1) City Engineer's Department

40. Stopped Drains	152	
41. Defective Water Fittings	100	
42. Other Defects	12	
43. Unauthorised structures	41	
44. Sites, etc., re plans	721	
	<hr/>	1,026

(2) Municipal Native Administration
Department

45. Licence and Other Inspection) of Premises under Urban) Areas Act)		135
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(3) Licensing Department

51. Inspection of Premises re) Licence Applications)		702
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(4) General

52. Other Transportation Trips		2,089
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TOTAL :	<hr/>	14,029
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2. Object of the Study

The object of the study is to determine the effect of the treatment on the growth of the plants.

3. Methodology

The methodology used in this study is the experimental method.

4. Results and Discussion

The results of the study show that the treatment has a significant effect on the growth of the plants.

PROSECUTIONS : 1947 - 1948.

Total Number of Prosecutions instituted : 41

Under Public Health By-Laws	29
" By-Laws relating to Preparation, Storage & Sale of Foodstuffs ..	2
" Dairy By-Laws	4
" V.D. Hospital Regulations	6
" Food, Drugs and Disinfectant Act ..	0
	<hr/>
TOTAL :	41
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Total No. in which accused found guilty and penalty imposed	17
Total No. found not guilty, acquitted, case withdrawn, or Prosecutor de- clined to prosecute	19
Total Pending	5
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TOTAL :	41
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CONDEMNED PREMISES

Rooms and Buildings Condemned and/or Demolished

(a) Under Public Health By-Law No. 19(a) : (Closing Order) :	1
(b) Under Public Health By-Law No. 19(b) : (Demolition Orders) :	16
(In 8 premises condemnation proceedings were instituted, (but the premises were not demolished by 30.6.48.)	
(c) Under Slums Act :	0
(d) Voluntary Demolitions :	
Buildings	4
	<hr/>
TOTAL :	21
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