

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

**Contributors**

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CITY AND BOROUGH OF PIETERMARITZBURG.

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## ANNUAL REPORT

OF THE

# MEDICAL OFFICER OF HEALTH

For the Twelve Months  
1st July, 1940 to 30th June, 1941.

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165







CITY AND BOROUGH OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT

PIETERMARITZBURG

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REPORT OF THE MEDICAL OFFICER OF  
HEALTH ON THE PUBLIC HEALTH AND  
SANITARY CIRCUMSTANCES OF THE CITY  
AND BOROUGH OF PIETERMARITZBURG FOR  
THE YEAR ENDED JUNE 30TH, 1941.

BY

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

MEDICAL OFFICER OF HEALTH.



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INTRODUCTORY.CITY AND BOROUGH OF PIETERMARITZBURGPUBLIC HEALTH DEPARTMENT

To

His Worship the Mayor  
and Members of the Council of the  
City and Borough of Pietermaritzburg.

Madam and Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary Circumstances of the City and Borough of Pietermaritzburg for the year ended 30th June, 1941.

The birth rate has once again increased for all races except Coloureds, while the death rate has decreased for all races except Natives. A decrease in the notifications of Tuberculosis and in the deaths from that disease has once again been recorded. Diphtheria has shown a welcome decrease in incidence and the incidence of other infectious diseases remains low.

No new Slum clearance action has been taken this year owing to the lack of housing for persons displaced, and only a few isolated dwellings have been dealt with. The Sub-Economic Asiatic and Native houses completed last year have been fully occupied. The City Council's Economic Housing Scheme of 50 houses at "Gardens" was completed during the year, by the construction of the balance of 30 houses, and also fully occupied as soon as housing became available.

The loss of trained health inspectors who have departed on active service, and the impossibility of replacing them under present conditions, has resulted in an unavoidable decline in the amount of inspection done, and a heavier burden has been thrown upon those remaining.

The Child Welfare and Infectious Disease work of the Department, however, has increased in amount, and my thanks are due to all members of the Staff for the high level of efficiency which, despite all difficulties, has been maintained throughout.

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,  
Madam & Gentlemen,  
Your obedient servant,

M. MAISTER.

MEDICAL OFFICER OF HEALTH.

CITY AND BOROUGH OF BIRMINGHAM

HEALTH DEPARTMENT

To His Worship the Mayor  
and Members of the Council of the  
City and Borough of Birmingham.

Gentlemen,

I have the honor to present the annual  
Report on the Health and Sanitary Administration of the City and  
Borough of Birmingham for the year ended 31st March, 1911.

The Report is divided into two parts, the first  
part dealing with the general health of the population, and the second  
part dealing with the sanitary administration. The first part  
contains a summary of the principal facts and figures relating to the  
health of the population, and the second part contains a detailed  
account of the work done by the Health Department during the year.

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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 : 2160 feet.

TEMPERATURE AND RAINFALL:

	<u>RAINFALL</u>	<u>ATMOSPHERIC TEMPERATURE</u>			<u>RELATIVE HUMIDITY</u>
	<u>In</u> <u>INCHES.</u>	<u>Av. Daily</u> <u>Maximum</u>	<u>Av. Daily</u> <u>Minimum.</u>	<u>Av. Daily</u> <u>Mean.</u>	<u>Aver. Daily</u> <u>Percentage.</u>
1940.					
July	0.00	73.3	38.9	56.1	64.4%
August	0.06	78.5	47.4	62.9	62.7%
September	1.02	77.0	53.9	65.4	64.5%
October	1.94	78.2	53.4	65.8	49.3%
November	4.87	82.3	59.3	70.8	63.0%
December	6.77	82.7	63.4	73.0	70.2%
1941					
January	3.34	81.6	63.3	72.4	68.3%
February	2.66	83.9	61.5	72.7	63.8%
March	3.40	82.7	60.7	71.7	72.1%
April	2.11	84.6	57.1	70.8	61.6%
May	0.00	81.6	49.6	65.6	64.7%
June	0.13	76.6	42.3	59.4	69.1%
Total :	26.30				

AREA OF MUNICIPALITY : 27,591 acres.

Value of Rateable Property : £6,977,805. 0. 0.

Exempted Property : £2,629,360. 0. 0.

RATES : General - 3½d

Water - 15d.  
16





CITY AND BOROUGH OF PIETERMARITZBURGLEADING VITAL STATISTICSYEAR ENDING 30th JUNE, 1941

	<u>European</u>	<u>Native</u>	<u>Coloured</u>	<u>Asiatic</u>
*POPULATION (Estimated)	21,002	9,789	1,658	8,949
<u>BIRTHS REGISTERED</u>	428	209	73	398
<u>BIRTH RATE</u> (per 1000 population)	20.39	21.35	44.02	44.48
<u>ILLEGITIMATE BIRTHS</u>	6	95	15	3
(Percentage of total Births)	1.4%	45.5%	20.5%	.75%
<u>DEATHS</u>	189	148	23	111
<u>CRUDE DEATH RATE</u>	9.00	15.12	13.87	12.41
(Corrected for outward transfers)				
<u>INFANTILE MORTALITY</u>				
<u>DEATHS</u>	15	46	7	23
<u>RATE</u> (per 1000 Births)	35.05	220.2	95.9	57.8
<u>PULMONARY TUBERCULOSIS: 015</u>				
<u>DEATHS</u>	3	19	1	6
<u>RATE</u> (per 1000 Population)	0.14	1.94	0.6	0.67
<u>TUBERCULOSIS - OTHER FORMS</u>				
<u>DEATHS: 016-025</u>	2	2	0	0
<u>RATE</u> (per 1000 population)	0.09	0.20	0	0
<u>ENTERIC FEVER: 001</u>				
<u>DEATHS</u>	0	5	1	4
<u>RATE</u> (per 1000 population)	0	.51	0.6	0.45
<u>CANCER AND OTHER TUMOURS: II</u>				
<u>DEATHS : 100-136</u>	25	3	1	3
<u>RATE</u> (per 1000 population)	1.19	0.31	0.6	0.34
<u>DISEASES OF THE HEART AND CIRCULATORY SYSTEM. VII</u>				
<u>DEATHS : 350 - 368</u>	49	15	1	9
<u>RATE</u> (per 1000 Population)	2.38	1.53	0.6	1.01
<u>BRONCHITIS &amp; PNEUMONIA.: 402 - 406</u>				
<u>DEATHS</u>	17	17	2	17
<u>RATE</u> (per 1000 population)	0.81	1.74	1.21	1.90

\* (Inmates of Gaols and Hospitals are not included)

BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.



STATE OF TEXAS, DEPARTMENT OF AGRICULTURE

ANNUAL REPORT OF THE COMMISSIONER OF AGRICULTURE

FOR THE YEAR ENDING DECEMBER 31, 1960

STATE OF TEXAS	DEPARTMENT OF AGRICULTURE	ANNUAL REPORT OF THE COMMISSIONER OF AGRICULTURE	FOR THE YEAR ENDING DECEMBER 31, 1960
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
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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
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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
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2204	2205	2206	2207
2208	2209	2210	2211
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2236	2237	2238	2239
2240	2241	2242	2243
2244	2245	2246	2247
2248	2249	2250	2251
2252	2253	2254	2255
2256	2257	2258	2259
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3108	3109	3110	3111
3112	3113	3114	3115
3116	3117	3118	3119
3120	3121	3122	3123
3124	3125	3126	3127
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3132	3133	3134	3135
3136	3137	3138	3139
3140	3141	3142	3143
3144	3145	3146	3147
3148	3149	3150	3151
3152	3153	3154	3155
3156	3157	3158	3159
3160	3161	3162	3163
3164	3165		



(1) VITAL STATISTICSPOPULATION

This is an estimate of the population as at June 30th, 1941, and is based on the Municipal Census Returns. 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.

	European	Native	Coloured	Asiatic	All Non-Eur:	All Races
MALE	9972	6642	755	4622	12,019	21,991
FEMALE	11030	3147	903	4327	8,377	19,407
PERSONS:	21,002	9,789	1,658	8,949	20,396	41,398

100

IV



B I R T H STOTAL BIRTHS REGISTERED

## (1) RESIDENTS.

	<u>Male</u>		<u>Female</u>		<u>Persons</u>			<u>Percentage</u> <u>of Illeg.to</u> <u>all births.</u>	<u>Birth rate</u> <u>per 1000</u> <u>population</u>
	<u>Leg.</u>	<u>Illeg.</u>	<u>Leg.</u>	<u>Illeg.</u>	<u>Leg.</u>	<u>Illeg.</u>	<u>Tot.</u>		
European	233	4	189	2	422	6	428	1.4%	20.39
Native	59	46	55	49	114	95	209	45.5%	21.35 *
Coloured	31	8	27	7	58	15	73	20.5%	44.02
Asiatic	193	6	190	9	383	15	398	3.8%	44.48
All Non-Eur.	283	60	272	65	555	125	680	18.4%	33.34
All Races	516	64	461	67	977	131	1108	11.8%	26.75

\* This figure should be read in conjunction with the fact that the Native male population numbers more than twice the Native female population.

## (2) NON-RESIDENTS.

(2) NON-RESIDENTS.								
	Male		Female		Persons			Percentage of Illeg. to all births.
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total	
European	98	0	129	1	227	1	228	0.4%
Native	206	129	239	115	445	244	689	35.4%
Coloured	8	2	9	0	17	2	19	10.5%
Asiatic	70	4	71	3	141	7	148	4.8%
All Non-Eur:	284	135	319	118	603	253	856	29.6%
	382	135	448	119	830	254	1084	23.4%

The European Birth Rate has again increased, rising from 19.09 to 20.39. This is the highest birth rate recorded since the year 1930-1931 when the rate was 21.23.

The Native Birth Rate has increased slightly from 19.44 to 21.35. The Coloured Birth Rate dropped to 44.02 and the Indian Birth Rate was 44.48.

The increase in the Indian Birth Rate noted this year is due to the fact that as Indian births have been found to be very incompletely registered with the Registrar of Births and deaths, the figure given this year is compiled from the Registrar's figures and the Notifications of births made direct to this office by midwives. As this is the first time this has been done, this year's figures are not properly comparable with the Asiatic births and birth rates given in previous annual reports.

DEATHS..../



UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF PLANT INDUSTRY

STATION

Date		Description		Amount	
1940	12	...	...	...	...
1941	1	...	...	...	...
1941	2	...	...	...	...
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1941	11	...	...	...	...
1941	12	...	...	...	...

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Date		Description		Amount	
1940	12	...	...	...	...
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1941	2	...	...	...	...
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DEATHSTOTAL DEATHS REGISTERED(1) RESIDENTS.

	Male		Female		Persons	
	Deaths	Death Rate	Deaths	Death Rate	Deaths	Death Rate
European	103	4.90	86	4.10	189	9.00
Native	88	8.99	60	6.13	148	15.12
Coloured	14	8.44	9	5.43	23	13.87
Asiatic	54	6.04	57	6.37	111	12.41
All Non-European	156	7.65	126	6.18	282	13.82
All Races :	259	6.26	212	5.12	471	11.38

(2) NON-RESIDENTS.

European	:	135
Native	:	579
Coloured	:	24
Asiatic	:	66
All Non-Europ:	:	669
All Races	:	804

DEATHS. (Pages 6-8)

The European crude death rate dropped from 10.52 to 9.00. 52% of the deaths occurred in people over 65 years of age.

The Native death rate rose from 13.88 to 15.12, the Coloured death rate dropped sharply from 23.34 to 13.87, while the Indian death rate rose slightly from 12.38 to 12.41. The death rate for all races was 11.38 as compared with 12.27 for last year.

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

European	:	21%
Native	:	79%
Coloured	:	56%
Asiatic	:	67%

All Non - European : 73%

These figures once again show how much better the expectation of life is for Europeans than for the other classes of the community. The following table also indicates how that the diseases generally associated with later life, e.g. Cancer, Cerebral Haemorrhage, Cardiac disease and Nephritis, are a much commoner cause of death among Europeans than among Non-Europeans, whilst bowel infections, tuberculosis, syphilis, violence and diseases of early infancy, are much more frequently the cause of death amongst Non-Europeans.

DEATH RATES:



DEATHS

Age Group	1940-1944	1945-1949	1950-1954	1955-1959	1960-1964	1965-1969	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	2010-2014	2015-2019	2020-2024
0-4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
5-9	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10-14	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15-19	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20-24	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25-29	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30-34	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
35-39	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
40-44	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
45-49	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
50-54	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
55-59	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
60-64	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
65-69	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70-74	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75-79	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80-84	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85-89	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
90-94	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
95-99	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Age Group	1940-1944	1945-1949	1950-1954	1955-1959	1960-1964	1965-1969	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	2010-2014	2015-2019	2020-2024
0-4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
5-9	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10-14	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15-19	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20-24	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25-29	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30-34	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
35-39	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
40-44	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
45-49	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
50-54	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
55-59	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
60-64	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
65-69	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70-74	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75-79	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80-84	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85-89	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
90-94	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
95-99	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

The following figures are based on the age of 15 in the various years:

1940-1944: 1.2  
1945-1949: 1.1  
1950-1954: 1.0  
1955-1959: 0.9  
1960-1964: 0.8  
1965-1969: 0.7  
1970-1974: 0.6  
1975-1979: 0.5  
1980-1984: 0.4  
1985-1989: 0.3  
1990-1994: 0.2  
1995-1999: 0.1  
2000-2004: 0.1  
2005-2009: 0.1  
2010-2014: 0.1  
2015-2019: 0.1  
2020-2024: 0.1

The following figures are based on the age of 15 in the various years:

1940-1944: 1.2  
1945-1949: 1.1  
1950-1954: 1.0  
1955-1959: 0.9  
1960-1964: 0.8  
1965-1969: 0.7  
1970-1974: 0.6  
1975-1979: 0.5  
1980-1984: 0.4  
1985-1989: 0.3  
1990-1994: 0.2  
1995-1999: 0.1  
2000-2004: 0.1  
2005-2009: 0.1  
2010-2014: 0.1  
2015-2019: 0.1  
2020-2024: 0.1



DEATH RATES (PER 1000 POPULATION): VARIOUS CAUSESABRIDGED LIST (5th Decennial Revision)RESIDENTS ONLY.

	<u>Eur.</u>	<u>Nat.</u>	<u>Col.</u>	<u>As.</u>	<u>All Non-Eur.</u>	<u>All Races</u>
1. Typhoid.	-	5 0.51	1 0.60	4 0.45	10 0.49	10 0.24
2. Plague.	-	-	-	-	-	-
3. Meningo- ) coccal C.S.) Meningitis )	-	-	-	-	-	-
4. Scarlet Fever.	-	-	-	-	-	-
5. Whooping ) Cough )	-	3 0.31	-	-	3 0.15	3 0.07
6. Diphtheria.	-	-	-	1 0.11	1 0.05	1 0.02
7. Pulm. T.B.	3 0.14	19 1.94	1 0.60	6 0.67	26 1.28	29 0.93
8. T.B: Non-Pulm.	2 0.095	1 0.10	-	-	1 0.05	3 0.07
9. Leprosy.	-	-	-	-	-	-
10. Malaria.	-	-	-	1 0.11	1 0.05	1 0.02
11. Syphilis.	-	4 0.41	-	3 0.34	7 0.34	7 0.17
12. Influenza.	2 0.095	1 0.10	2 1.20	3 0.34	6 0.29	8 0.19
13. Smallpox.	-	-	-	-	-	-
14. Measles.	-	2 0.20	-	1 0.11	3 0.15	3 0.07
15. Typhus Fever.	-	-	-	-	-	-
16. Cancer.	25 1.19	3 0.31	1 0.60	3 0.34	7 0.34	32 0.77
17. Diabetes.	2 0.095	-	1 0.60	2 0.22	3 0.15	5 0.12
18. Cerebral ) Haemorrhage )	7 0.33	1 0.10	-	3 0.34	4 0.2	11 0.27
19. Cardiac ) Disease )	40 1.90	13 1.33	1 0.60	8 0.89	22 1.08	62 1.50
20. Other Dis. of ) Circulatory ) System. )	9 0.43	2 0.20	-	1 0.11	3 0.15	12 0.29
21. Bronchitis & ) Pneumonia. )	17 0.81	17 1.74	2 1.20	17 1.90	36 1.77	53 1.28
22. Miner's Phthisis ) without T.B. )	-	-	-	-	-	-
23. Miner's Phthisis ) -is with T.B. )	1 0.048	-	-	-	-	1 0.02
24. Other Respira- ) tory diseases )	11 0.52	-	-	4 0.45	4 0.2	15 0.36
25. Ulcer of ) Stomach and ) Duodenum. )	6 0.29	1 0.10	-	-	1 0.05	7 0.17
26. Diarrhoea & ) Enteritis ) (under 2 yrs)	1 0.048	23 2.35	4 2.47	14 1.56	41 2.02	42 1.01
27. Appendicitis.	1 0.048	1 0.10	-	1 0.11	2 0.10	3 0.07
28. Dis. of liver & ) biliary passages )	-	-	-	1 0.11	1 0.05	1 0.02
29. Nephritis.	7 0.33	3 0.31	-	2 0.22	5 0.25	12 0.29
30. Puerperal ) Sepsis. )	-	-	-	1 0.11	1 0.05	1 0.02
31. Oth. Dis. of ) Pregnancy & )	-	-	-	2 0.22	2 0.10	2 0.05
32. Congen. Malfor- ) mations & Dis. ) of early in- ) fancy. )	8 0.38	23 2.35	2 1.20	5 0.56	30 1.47	38 0.92
33. Suicide.	-	-	-	-	-	-
34. Other Vio- ) lent deaths )	7 0.33	11 1.12	2 1.20	3 0.34	16 0.78	23 0.56
35. Other defined ) Causes. )	35 1.67	15 1.53	6 3.62	21 2.35	42 2.06	77 1.86
36. Causes ill- ) defined. )	5 0.24	-	-	4 0.45	4 0.2	9 0.22
Total:	189 9.00	148 15.12	23 13.37	111 12.41	282 13.82	471 11.38





SEASONAL OCCURRENCE OF DEATHS  
AMONG RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur:		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	5	11	16	8	7	15	-	-	0	7	3	10	15	10	25
August	12	13	25	7	4	11	2	-	2	5	8	13	14	12	26
September	14	4	18	5	7	12	4	-	4	6	4	10	15	11	26
October	8	10	18	11	8	19	4	-	4	5	4	9	20	12	32
November	2	6	8	8	4	12	-	3	3	5	4	9	13	11	24
December	12	5	17	9	7	16	1	-	1	3	4	7	13	11	24
January	12	7	19	6	5	11	-	3	3	1	7	8	7	15	22
February	5	4	9	4	2	6	-	1	1	-	2	2	4	5	9
March	5	5	10	11	3	14	2	-	2	6	7	13	19	10	29
April	8	6	14	9	4	13	-	1	1	4	4	8	13	9	22
May	10	9	19	6	2	8	1	-	1	5	6	11	12	8	20
June	10	6	16	4	7	11	-	1	1	7	4	11	11	12	23
Total :	103	86	189	88	60	148	14	9	23	54	57	111	156	126	282

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.	9	6	15	26	20	46	5	2	7	8	15	23	39	37	76
1 "	-	-	0	10	10	20	-	-	0	3	6	9	13	16	29
2 - 4 yrs.	2	1	3	4	2	6	-	1	1	1	5	6	5	8	13
5 - 14 "	2	2	4	1	4	5	-	0	0	5	6	11	6	10	16
15 - 24 "	5	-	5	6	5	11	-	-	0	5	5	10	11	10	21
25 - 34 "	3	5	8	8	4	12	1	1	2	4	5	9	13	10	23
35 - 44 "	4	4	8	13	5	18	2	1	3	2	4	6	17	10	27
45 - 54 "	8	8	16	11	3	14	1	-	1	4	3	7	16	6	22
55 - 64 "	20	11	31	2	1	3	-	2	2	10	4	14	12	7	19
65 - 74 "	29	18	47	6	5	11	2	1	3	6	3	9	14	9	23
75 & Over	21	31	52	1	1	2	3	1	4	6	1	7	10	3	13
Total :	103	86	189	88	60	148	14	9	23	54	57	111	156	126	282



TABLE 1

Summary of Data

Year	Month	Day	Time	Location	Observations
1912	Jan	1	10:00	Station A	Clear sky, light breeze
1912	Jan	2	11:00	Station A	Cloudy, moderate breeze
1912	Jan	3	12:00	Station A	Sunny, calm
1912	Jan	4	13:00	Station A	Partly cloudy, light breeze
1912	Jan	5	14:00	Station A	Clear sky, strong breeze
1912	Jan	6	15:00	Station A	Cloudy, calm
1912	Jan	7	16:00	Station A	Sunny, light breeze
1912	Jan	8	17:00	Station A	Partly cloudy, moderate breeze
1912	Jan	9	18:00	Station A	Clear sky, calm
1912	Jan	10	19:00	Station A	Cloudy, light breeze
1912	Jan	11	20:00	Station A	Sunny, strong breeze
1912	Jan	12	21:00	Station A	Partly cloudy, calm
1912	Jan	13	22:00	Station A	Clear sky, light breeze
1912	Jan	14	23:00	Station A	Cloudy, moderate breeze
1912	Jan	15	24:00	Station A	Sunny, calm
1912	Jan	16	25:00	Station A	Partly cloudy, light breeze
1912	Jan	17	26:00	Station A	Clear sky, strong breeze
1912	Jan	18	27:00	Station A	Cloudy, calm
1912	Jan	19	28:00	Station A	Sunny, light breeze
1912	Jan	20	29:00	Station A	Partly cloudy, moderate breeze
1912	Jan	21	30:00	Station A	Clear sky, calm
1912	Jan	22	31:00	Station A	Cloudy, light breeze
1912	Jan	23	32:00	Station A	Sunny, strong breeze
1912	Jan	24	33:00	Station A	Partly cloudy, calm
1912	Jan	25	34:00	Station A	Clear sky, light breeze
1912	Jan	26	35:00	Station A	Cloudy, moderate breeze
1912	Jan	27	36:00	Station A	Sunny, calm
1912	Jan	28	37:00	Station A	Partly cloudy, light breeze
1912	Jan	29	38:00	Station A	Clear sky, strong breeze
1912	Jan	30	39:00	Station A	Cloudy, calm
1912	Jan	31	40:00	Station A	Sunny, light breeze

TABLE 2

Summary of Data

Year	Month	Day	Time	Location	Observations
1912	Feb	1	10:00	Station B	Clear sky, light breeze
1912	Feb	2	11:00	Station B	Cloudy, moderate breeze
1912	Feb	3	12:00	Station B	Sunny, calm
1912	Feb	4	13:00	Station B	Partly cloudy, light breeze
1912	Feb	5	14:00	Station B	Clear sky, strong breeze
1912	Feb	6	15:00	Station B	Cloudy, calm
1912	Feb	7	16:00	Station B	Sunny, light breeze
1912	Feb	8	17:00	Station B	Partly cloudy, moderate breeze
1912	Feb	9	18:00	Station B	Clear sky, calm
1912	Feb	10	19:00	Station B	Cloudy, light breeze
1912	Feb	11	20:00	Station B	Sunny, strong breeze
1912	Feb	12	21:00	Station B	Partly cloudy, calm
1912	Feb	13	22:00	Station B	Clear sky, light breeze
1912	Feb	14	23:00	Station B	Cloudy, moderate breeze
1912	Feb	15	24:00	Station B	Sunny, calm
1912	Feb	16	25:00	Station B	Partly cloudy, light breeze
1912	Feb	17	26:00	Station B	Clear sky, strong breeze
1912	Feb	18	27:00	Station B	Cloudy, calm
1912	Feb	19	28:00	Station B	Sunny, light breeze
1912	Feb	20	29:00	Station B	Partly cloudy, moderate breeze
1912	Feb	21	30:00	Station B	Clear sky, calm
1912	Feb	22	31:00	Station B	Cloudy, light breeze
1912	Feb	23	32:00	Station B	Sunny, strong breeze
1912	Feb	24	33:00	Station B	Partly cloudy, calm
1912	Feb	25	34:00	Station B	Clear sky, light breeze
1912	Feb	26	35:00	Station B	Cloudy, moderate breeze
1912	Feb	27	36:00	Station B	Sunny, calm
1912	Feb	28	37:00	Station B	Partly cloudy, light breeze
1912	Feb	29	38:00	Station B	Clear sky, strong breeze
1912	Feb	30	39:00	Station B	Cloudy, calm
1912	Feb	31	40:00	Station B	Sunny, light breeze

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

( Classified into groups and expressed as percentages ).

RESIDENTS ONLY

	European 189	Native 148	Coloured 23	Asiatic 111
Enteritis and ) Diarrhoeas. )	3 : 1.5%	27 : 18.2%	4 : 17.4%	15 : 13.5%
Acute Exanthemata.	- : -	10 : 6.8%	1 : 4.3%	6 : 5.4%
Tuberculosis ( all forms )	5 : 2.6%	20 : 13.5%	1 : 4.3%	6 : 5.4%
Syphilis.	- : -	4 : 2.7%	- : -	3 : 2.7%
Other Parasitic and ) Infectious Diseases )	4 : 2.1	5 : 3.4%	4 : 17.4%	5 : 4.5%
Respiratory Disease ) (Non-tuberculous) )	29 : 15.3%	17 : 11.5%	2 : 8.7%	21 : 18.9%
Congenital Malforma- tions and diseases of early infancy. )	8 : 4.2%	23 : 15.6%	2 : 8.7%	5 : 4.5%
Deaths from Violence.	7 : 3.7%	11 : 7.4%	2 : 8.7%	3 : 2.7%
Nephritis.	7 : 3.7%	3 : 2.0%	- : -	2 : 1.8%
Cancer.	25 : 13.2%	3 : 2.0%	1 : 4.3%	3 : 2.7%
Cardiac Disease.	40 : 21.2%	13 : 8.8%	1 : 4.3%	8 : 7.2%
Cerebral Haemorrhage.	7 : 3.7%	2 : 1.4%	- : -	3 : 2.7%
Other Causes	: 28.8%	: 6.7%	: 21.9%	: 28%



(1) Vital Statistics cont'd.

REMARKS ON CAUSES OF DEATH

(Classified into groups and expressed in percentages)

PERCENTS ONLY

Cause of Death	Native		Coloured		Asiatic	
	No.	%	No.	%	No.	%
Septicæmia and Septicæmia	3	1.52	27	18.32	4	17.42
Septicæmia (all forms)	-	-	10	6.52	1	4.32
Septicæmia (all forms)	4	2.02	30	19.52	1	4.32
Septicæmia	-	-	4	2.72	-	-
Septicæmia (all forms)	4	2.1	8	5.22	4	17.42
Septicæmia (all forms)	29	18.32	17	11.22	2	8.72
Septicæmia (all forms)	8	4.22	23	15.22	2	8.72
Septicæmia (all forms)	7	3.72	11	7.42	3	12.72
Septicæmia (all forms)	7	3.72	3	2.02	-	-
Septicæmia (all forms)	28	17.32	3	2.02	1	4.32
Septicæmia (all forms)	40	21.22	12	8.22	1	4.32
Septicæmia (all forms)	7	3.72	3	1.92	-	-
Septicæmia (all forms)	20.52	10.72	27.52	17.82	7.52	31.72

TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE:RESIDENTS ONLY:

	European	Native	Coloured	Asiatic	All Non-European	All Races
Enteric Fever.	2	10	1	5	16	18
Pulmonary ) Tuberculosis)	7	13	11	7	31	38
Tuberculosis -) Other Forms)	3	2	-	3	5	8
Scarlet Fever.	31	-	1	-	1	32
Diphtheria.	18	1	2	8	11	29
Typhus Fever	-	-	-	-	0	0
Gonococcal Oph- thalmia. )	-	1	-	-	1	1
Ophthalmia ) Neonatorum)	1	2	-	2	4	5
Erysipelas.	4	-	1	1	2	6
Leprosy.	-	-	-	1	1	1
Malaria.	-	-	-	-	0	0
C.S.Meningitis.	3	1	-	1	2	5
Puerperal Sepsis.	4	3	1	5	9	13
Trachoma.	-	-	-	1	1	1
Septicaemia (Post) Abortive) )	1	-	-	-	0	1

(INCIDENCE per 1,000 POPULATION)

	European		Native		Coloured		Asiatic		All Non-European		All Races.	
Enteric Fever. excluding Im- ported Cases)	2	0.09	10	1.02	1	0.60	5	0.56	16	0.78	18	0.43
Pulmonary Tuberculosis.	7	0.33	13	1.33	11	6.63	7	0.78	31	1.52	38	0.92
T.B. Other Forms.	3	0.14	2	0.20	-	-	3	0.34	5	0.23	8	0.19
Scarlet Fever.	31	1.48	-	-	1	0.60	-	-	1	0.05	32	0.77
Diphtheria.	18	0.86	1	0.10	2	1.21	8	0.89	11	0.54	29	0.70
C.S.Meningitis.	3	0.14	1	0.10	-	-	1	0.11	2	0.10	5	0.12
Puerperal Sepsis.	4	0.19	3	0.31	1	0.60	5	0.56	9	0.44	13	0.31



## TOTAL NOTIFICATIONS OF MEXICAN DISEASES

MEXICAN DISEASES

Disease	Native	Foreign	All Cases	Percentage
Amoebic Dysentery	1	0	1	0.01
Bacterial Dysentery	11	7	18	0.18
Cholera	2	3	5	0.05
Dysentery (non-bacterial)	1	1	2	0.02
Epidemic Typhus	1	3	4	0.04
Hepatitis	1	1	2	0.02
Leishmaniasis	1	1	2	0.02
Malaria	1	1	2	0.02
Measles	1	1	2	0.02
Mumps	1	1	2	0.02
Scarlet Fever	1	1	2	0.02
Shigellosis	1	1	2	0.02
Syphilis	1	1	2	0.02
Typhoid Fever	1	1	2	0.02
Unspecified Dysentery	1	1	2	0.02
Unspecified Fever	1	1	2	0.02
Unspecified Rash	1	1	2	0.02
Unspecified Stomatitis	1	1	2	0.02
Unspecified Throat Infection	1	1	2	0.02
Unspecified Urinary Tract Infection	1	1	2	0.02
Unspecified Vaginitis	1	1	2	0.02
Unspecified Yaws	1	1	2	0.02
Unspecified Zoonosis	1	1	2	0.02
Unspecified Other	1	1	2	0.02
Total	100	100	200	100.00

(Percentage per 1,000 Population)

Disease	Native	Foreign	All Cases	Percentage
Amoebic Dysentery	1.0	0.0	1.0	0.01
Bacterial Dysentery	11.0	7.0	18.0	0.18
Cholera	2.0	3.0	5.0	0.05
Dysentery (non-bacterial)	1.0	1.0	2.0	0.02
Epidemic Typhus	1.0	3.0	4.0	0.04
Hepatitis	1.0	1.0	2.0	0.02
Leishmaniasis	1.0	1.0	2.0	0.02
Malaria	1.0	1.0	2.0	0.02
Measles	1.0	1.0	2.0	0.02
Mumps	1.0	1.0	2.0	0.02
Scarlet Fever	1.0	1.0	2.0	0.02
Shigellosis	1.0	1.0	2.0	0.02
Syphilis	1.0	1.0	2.0	0.02
Typhoid Fever	1.0	1.0	2.0	0.02
Unspecified Dysentery	1.0	1.0	2.0	0.02
Unspecified Fever	1.0	1.0	2.0	0.02
Unspecified Rash	1.0	1.0	2.0	0.02
Unspecified Stomatitis	1.0	1.0	2.0	0.02
Unspecified Throat Infection	1.0	1.0	2.0	0.02
Unspecified Urinary Tract Infection	1.0	1.0	2.0	0.02
Unspecified Vaginitis	1.0	1.0	2.0	0.02
Unspecified Yaws	1.0	1.0	2.0	0.02
Unspecified Zoonosis	1.0	1.0	2.0	0.02
Unspecified Other	1.0	1.0	2.0	0.02
Total	100.0	100.0	200.0	100.00

(2) INFECTIOUS DISEASE

There were 158 notifications of infectious disease, a decrease on the total of 207 recorded for the previous year. The incidence of the various diseases is shown in the table on page 9, and the individual diseases are discussed under the appropriate headings.

ISOLATION HOSPITAL. (Page 51)

Altogether 444 patients were admitted during the year, 345 Borough and 99 Out-of-Borough. Figures for the previous five years were : 1935-36: 166; 1936-37: 183; 1937-38: 215; 1938-39: 216; 1939-40: 307.

Cases of Tuberculosis and typhoid fever are provided for at Grey's Hospital - the Provincial Hospital, and the King George V Hospital for Tuberculosis in Durban. In-patient treatment for venereal disease is provided at the Epidemic Hospital for non-Europeans, while Europeans needing in-patient treatment are sent by arrangement to Addington Hospital, Durban.

The scheme for the building of a Non-European Tuberculosis and Infectious Disease Hospital at Mountain Rise, to provide 24 beds for Tuberculosis and 12 beds for other Infectious Disease was completed and approved by the Union Health Department during the year, and at the close of the Health Year tenders were being called for. The total estimated cost (including equipment) is approximately £16,000.

AMBULANCE

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

(1) Total number of cases received	:	2386
(2) Infectious Cases Removed	:	748

LABORATORY WORK

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

Swabs for Diphtheria Bacilli	....	411
" " Haemolytic Streptococci.		46
Smears for Gonococcus, Vincents, etc.		15
Blood Slides for Malaria	.....	2
Spinal Fluids	.....	6
Stools	.....	5
Urines	.....	1
Sputum (Tuberculosis)	.....	1
Waters for Bacterial Count	.....	32
Milks " " "	.....	44
Total	:	<u>563</u>

Work done in Departmental Laboratory :-

Mosquito larvae examined	:	14,788
" adults	:	160





(2) Infectious Disease cont'd.NOTIFIABLE INFECTIOUS DISEASE.

- (a) ANTHRAX. No cases notified.
- (b) SMALLPOX. No cases notified. Cases were reported in the Northern Natal areas; but during the period under review no extension into or near Pietermaritzburg occurred. Vaccination of Natives is carried out at the Pass Office ( See Page 20 ). Regular vaccination is being carried out at the Epidemic Hospital as it is felt that an odd case of Smallpox might present himself there at any time for treatment.
- (c) DIPHTHERIA. The total number of cases notified was 29 as compared with 49 for last year and 42 the year prior to that. There was only 1 Asiatic death from this disease. The incidence of this disease dropped sharply this year but even the 29 cases notified could have been prevented by immunisation. Until a very large proportion of the child population is immunised it can be anticipated that this drop will not be sustained, but that the incidence will increase again. Immunisation, particularly of pre-school children, was continued throughout the year, a total of 295 children having completed the immunising course at the Infant Clinic.
- (d) SCARLET FEVER. 32 Cases were notified as compared with 42 last year.
- (e) CEREBRO-SPINAL MENINGITIS. 3 European cases, 1 Native and 1 Asiatic case were notified, as compared with 2 cases notified during the previous year.
- (f) LEPROSY. 1 Asiatic case was notified.
- (g) TYPHUS FEVER. No cases were notified this year.
- (h) ENTERIC FEVER. 18 Cases were notified, 2 Europeans and 16 Non-Europeans, an increase on last year's total of 15.  
In 6 Non-European cases bacteriological or Post Mortem confirmation of the diagnosis was not obtained.
- (i) PUERPERAL SEPSIS. 13 cases were notified, 4 European and 9 Non-European. 1 case followed an abortion and 4 cases followed complicated full-term deliveries (Haemorrhage 2; retained placenta 1; and craniotomy 1. 2 Cases occurred where delivery took place at home, 11 cases occurred where delivery took place in Hospital. Only 1 death (an Asiatic patient) was recorded from this condition.

Terminal disinfection for Infectious Disease is carried out by this Department, the disinfection of bedding, etc., being done at the Steam Disinfector at the Health Department and a Formalin spray being employed for the disinfection of rooms.

(3) TUBERCULOSIS. (Pages 35-36)



MEMORANDUM FOR THE DIRECTOR

(A) SUBJECT: [Illegible]

(B) SUMMARY: [Illegible]

(C) DISCUSSION: [Illegible]

(D) RECOMMENDATION: [Illegible]

(E) ACTION: [Illegible]

(F) COMMENTS: [Illegible]

(G) CONCLUSION: [Illegible]

(H) DISTRIBUTION: [Illegible]

(I) ATTACHMENTS: [Illegible]

(J) REFERENCES: [Illegible]

(K) DISTRIBUTION: [Illegible]

(3) TUBERCULOSIS. (Pages 35-36)

Notifications of Pulmonary Tuberculosis again showed a marked decrease, 38 cases only being notified as compared with last year's total of 54. 31 of these were non-Europeans. The notifications of non-Pulmonary Tuberculosis remained low, with a total of 8 cases ( 5 non-European) as compared with the previous year's total of 9.

15 Cases have been admitted to the King George V Tuberculosis Hospital in Durban, while several cases are now on the waiting list for admission to that hospital. The need for ample isolation accommodation in hospital for active communicable cases of Tuberculosis cannot be overstressed and while, therefore, the accommodation available in this hospital is most valuable, it is not sufficient to meet all the demands upon it.

Isolation accommodation for Native Tuberculosis has again been the crying need, and following approval of its scheme by the Union Health Department, the City Council called for tenders at the close of the year under review, for the erection of a 24 bed Tuberculosis Block at Mountain Rise, for Non-Europeans. This will fill a long felt want and should prove to be a most important step forward in the control of Tuberculosis in Pietermaritzburg, completing the last gap in the Pietermaritzburg control scheme.

This Block is intended mainly for Natives, but will also provide accommodation for Coloureds and Asiatics awaiting transfer to the King George V Hospital, or possibly unwilling to go so far away from their homes. It is proposed to staff the hospital with Non-European nurses and orderlies under the control of a European Matron.

The scheme of subsidising rentals in Tuberculosis families at the Native Village, where a larger house was necessary to ensure the isolation of the infectious case in the home, continued during the year and 5 families have been assisted in this way. Close control by the Native Health Assistant is maintained to ensure that isolation is observed. The need for this scheme should fall away when the Tuberculosis Hospital Block is completed.

During the year 19 Borough cases were admitted to Grey's Hospital ( 2 European, 8 Native, 4 Coloured and 5 Asiatic), 5 of these being admitted direct from the Clinic. A further 15 cases were sent to the King George V Hospital for Tuberculosis, in Durban, - 3 European, 5 Coloured and 7 Asiatics.

The Natal Anti-Tuberculosis Association made grants to 7 families in Pietermaritzburg ( 5 Coloured and 2 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...../





(3) Tuberculosis cont'd.

period 1934 - 1941 :-

PULMONARY TUBERCULOSIS:

	NOTIFICATIONS					DEATHS				
	Eur:	Nat:	Col:	As:	All	Eur:	Nat:	Col:	As:	All
					Non-Eur:					Non-Eur:
1934-35	7	35	12	31	78	4	25	7	8	40
1935-36	17	38	15	32	85	2	14	3	12	29
1936-37	8	40	8	20	68	4	18	7	17	42
1937-38	17	40	15	14	69	7	29	7	7	43
1938-39	15	40	15	10	65	5	19	6	8	33
1939-40	7	23	7	17	47	4	15	7	9	31
1940-41	7	13	11	7	31	3	19	1	6	29

NON-PULMONARY TUBERCULOSIS:

	NOTIFICATIONS					DEATHS				
	Eur:	Nat:	Col:	As:	All	Eur:	Nat:	Col:	As:	All
					Non-Eur:					Non-Eur:
1934-35	1	4	0	3	7	2	6	0	1	7
1935-36	3	3	1	6	10	1	2	0	2	4
1936-37	2	8	0	5	13	1	4	0	3	7
1937-38	5	10	3	6	19	3	1	2	3	6
1938-39	1	3	0	3	6	0	2	0	2	4
1939-40	2	3	1	3	7	1	2	1	0	3
1940-41	3	2	0	3	5	2	1	0	0	1

There has thus been a further drop in the notifications of Pulmonary Tuberculosis in Non-Europeans during the year, maintaining the steady improvement that has occurred since 1936. In the case of deaths from this disease a small improvement for the year has again been noted for all races.

Notifications of Non-Pulmonary Tuberculosis have dropped to their former low level, while no significant change can be noted in the deaths from this disease. The steady decline in Notifications of Pulmonary Tuberculosis, coupled with the less marked but also definite tendency towards decline in the deaths from this disease, gives good grounds for optimism in regard to the control of the disease.

The Tuberculosis Clinic ( Page 41)

This Clinic continues to serve a very useful function. The routine examination of all contacts of every case of Tuberculosis notified is one of the most important functions of the Clinic, and is aimed at detecting early cases and so preventing the development and spread of the disease. During the year there were 1711 attendances at the clinic while 2592 visits were made to tuberculous and contacts in their homes.

(4) VENEREAL DISEASE. (Pages 42 - 50)

A full description of this department's organisation for the control of venereal disease was given in the annual report for 1939-1940.







(4) Venereal Disease cont'd.

Clinics for all races are held weekly at Grey's Hospital and continue to be well attended, there being 10,229 attendances during the year as compared with last year's total of 10,687. The Non-European Health Assistants continue to do good follow-up work and 983 home visits were paid to Non-European cases of venereal disease. The regular attendance of many of the patients, extending in many cases through 5 and 6 courses of treatment, is largely due to the follow-up work of these Native Health Assistants.

EPIDEMIC HOSPITAL (Non-European V.D.)

Admissions to this Hospital are still steadily increasing, 1581 cases being admitted in comparison with 1264 for the previous year.

An unfortunate feature recently noted is the number of re-admissions for relapse in patients suffering from Syphilis who come in from the country districts and state that they have been unable to continue with regular treatment, although they had been taught the necessity for this at the Epidemic Hospital, because, though they have applied for further treatment, they have not been able to afford the cost of such further treatment. There is urgent need to provide for free continuation treatment in the country districts in order to prevent relapse into an infectious condition again.

During the year a new shower block, containing 6 showers, was constructed and connected to the Hot Water System at the Hospital, adding considerably to the ease of administration.

Admissions to the Hospital during recent years have been :-

1933-34	:	219
1934-35	:	252
1935-36	:	309
1936-37	:	496
1937-38	:	815
1938-39	:	971
1939-40	:	1264
1940-41	:	1581

The rapidly increasing total of admissions brings the question of extra accommodation and extra staffing up again for consideration and considerable expansion of the hospital will probably be necessary soon. The patients have cultivated a considerable area of the hospital grounds during the year, the entire produce being utilised as a supplement to their normal hospital diet.

(5) PLAGUE

No case of plague occurred in this locality during the year. Regular inspection of new shops and ware-houses in the course of erection has been carried out and their rodent-proofing has been supervised very carefully by this Department. Progress has also been made in the rodent-proofing of existing premises.

(6) OTHER COMMUNICABLE DISEASES...../





(6) OTHER COMMUNICABLE DISEASES

- (I) MALARIA. Control by spotting, oiling of selected areas and house spraying in order to identify adult mosquitoes, has again been carried out during the past year both in the Borough, and, on behalf of the Magistrate as Local Authority for the District of Pietermaritzburg, in the Peri-Urban areas. No malarial mosquito vectors were recovered in the Borough but at the end of the season A. Gambiae were found in the Bishopstowe area, which forms a portion of the Peri-Urban areas controlled. A. Gambiae were also reported in the district outside the area controlled.

No cases of Malaria were notified in the Borough.

Fencing of swampy areas and tree planting was continued and the trees are progressing well. Fire destroyed one of the plantations but the damage was insufficient to prevent the drying up of the particular seepage. It is proposed to carry on the tree planting programme this year. Drainage work has been carried out in certain areas, subsoil drains being laid wherever possible, using shale which is available on the site. The siting of large military camps and building expansion have converted previously uninhabited areas into thickly populated areas so that species sanitation for certain areas must now be replaced by more permanent measures to guard against the greater risk of malaria and also against the nuisance caused by non-malarial mosquitoes.

Check spraying of dwellings was carried out throughout the season, the number of houses sprayed being 185, 776 rooms in all being treated.

- (II) ENTERITIS in children under the age of two years accounted for 42 deaths - 1 European, 23 Native, 4 Coloured and 14 Indian. The figures for the previous years were :-

1933 - 34	:	52
1934 - 35	:	28
1935 - 36	:	45
1936 - 37	:	45
1937 - 38	:	45
1938 - 39	:	22
1939 - 40	:	36

- (III) MEASLES. 57 Cases were treated in the Isolation Hospital and of these 21 came from Out-of-the-Borough. 2 Native and 1 Asiatic death were reported from this disease. A large proportion of the European cases were admitted from boarding schools and hotels, etc.
- (IV) GERMAN MEASLES. An extensive outbreak of this disease occurred at the beginning of the year reported on. The disease was as usual mild and uncomplicated.
- (V) WHOOPING COUGH. 3 Deaths were reported in Natives.







(7) WATER SUPPLY.

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 chlorinated before being distributed to the four service reservoirs. The construction work which will increase the capacity of the impounding dam at Henley by approximately 450 million gallons is expected to be completed during the coming year.

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. The recent change over to the use of Chloramine for water purification has proved to be entirely successful and improved bacteriological results have been noted following this change over, a very high standard of purity being maintained.

(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 sewage which has been extended during the year, although the conservancy system is still in use in certain outlying parts. Disposal is on the sewage farm about 3 miles from the centre of the town where broad irrigation is carried out and the screenings are trenched. Most of the new dwellings erected during the year have been sewered. A number have been placed on a septic tank system and a few placed on the pail system. One large military camp is served by the pail system, the other camp by the sewer.

(9) MEAT SUPPLIES. (Pages 56-57)

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. 102 inspections of butchers' shops were made. A list of meat, fish and fowl condemned after inspection is shown on page 55.

There were 22 applications for Butchers' licences, 19 were approved without comment; 2 were approved after certain requirements had been carried out and 1 was rejected.

The Abattoir Manager reports that during the year 62,258 animals were slaughtered, a considerable increase on last year's total of 45,520, due to supplying the needs of the Military Camps and Hospitals in Pietermaritzburg, and the supplying of a portion of the needs of Troop Convoys calling at Durban. For details see pages 56 and 57.

Anthrax, etc.

No case of Anthrax or other serious notifiable stock disease was encountered during the year.

Cysticercus Bovis & Cellulosae ("Measles"). . . . /







(9) Meat Supplies cont'd.Cysticercus Bovis & Cellulosæ ("Measles").

The following table shows the number of carcasses infected with "Measles" during the past 8 years :-

	CATTLE			CALVES			PIGS		
	Slaugh- tered	% In- fected	% Con- demned	Slaugh- tered	% Con- demned.		Slaugh- tered.	% Con- demned.	
1933-34	9,518	5.56	1.26	670	5.52		2,969	1.75	
1934-35	9,221	6.04	1.33	624	4.48		1,690	2.83	
1935-36	8,984	6.95	1.33	673	6.98		1,818	1.70	
1936-37	8,968	6.23	1.18	715	5.59		2,183	1.78	
1937-38	8,768	6.20	1.10	704	6.25		2,306	1.08	
1938-39	8,427	7.21	1.28	785	5.35		1,862	2.41	
1939-40	8,543	6.55	0.94	893	3.47		1,859	2.68	
1940-41	9,874	7.06	1.01	827	3.86		1,948	0.82	

Slaughtering.

Humane killers have been used for the slaughtering of all animals except those slaughtered under religious rites, the Schermer Killer for Cattle and the Cash Killer for Pigs, Sheep and Calves.

The two stunning pens and the "Locwil" stunning and casting pen have continued to give entire satisfaction.

The requirements of the Slaughter of Animals Act (1934) have been fully complied with.

(10) MILK SUPPLIES

The milk supply has been carefully controlled throughout the year. It is derived from 72 producer-distributors, of whom 53 are in the Borough and 19 Outside the Borough. In addition to these there are 56 producers who send their milk to the two pasteurization plants from where it is distributed after pasteurization, while 2 dairymen supply cream alone. All these dairymen are registered with this department and their premises are inspected.

The "Clean Milk" competition was not held this year owing to the cancellation of the Royal Show for the duration of the War.

The Medical Officer of Health attended the meetings of the local committee of the Dairy Industry Control Board until the suspension of the activities of all Local Committees, following a judicial decision on the validity of the Dairy Products Marketing Scheme.

(11) OTHER FOOD SUPPLIES. (Pages 53-54)

Inspection of foodstuffs exposed for sale at the Market and elsewhere has been carried out regularly and a considerable quantity of unsound food of various sorts has been condemned (Page 55).

Details...../



(9) Milk Statistics

The following table shows the number of cows infected with "mastitis" during the past 5 years:

Year	Infected Cows	Total Cows	Percentage
1945-46	1,200	10,000	12.0%
1944-45	1,100	9,500	11.6%
1943-44	1,000	9,000	11.1%
1942-43	900	8,500	10.6%
1941-42	800	8,000	10.0%

These figures have been used for the purpose of all milk statistics submitted under this report, the Scherer-Killer for Cattle and the Cattle Killer for Pigs, Sheep and Goats.

The two standard tests and the "Mastitis" staining and culture have been used to give better results. The percentage of the number of animals and (1945) have been fully reported.

(10) Milk Statistics

The milk supply has been carefully controlled throughout the year. It is derived from 12 producers-distributors of whom 6 are in the Borough and 6 outside the Borough. In addition to these there are 6 producers who send their milk to the two pasteurization plants from where it is distributed after pasteurization, while 3 producers supply cream milk. All these suppliers are registered with the Department and their premises are inspected.

The "Clean Milk" competition was held with a view to the cancellation of the award for the best milk of the year.

The Health Officer at Health attended the meetings of the local committee of the Dairy Industry Council. He held a meeting of the committee of the local Dairy Industry Council, following a meeting of the committee of the Dairy Industry Council.

(11) Milk Statistics

The action of the committee was to report on the progress and results of the work carried out during the year. The committee has been carrying out its work in accordance with the terms of reference of the committee.

(11) Other Food Supplies cont'd.

Details of all licence applications dealt with by the department, are reflected in the table on page 58. Careful attention is paid to storage conditions and particularly to rodent proofing and there is a gradual improvement in this connection. 301 inspections of the Borough Market and 797 inspections of other premises manufacturing or handling food were made (Page 59).

Food and Drugs Act.

Under the Food, Drugs and Disinfectants Act 62 samples were taken and the results of the analyses were as follows:-

Milk : Total Number of Samples = 31

In accordance with requirements : 14  
Deficient in Solids-not-fat and in fat : 17  
(1) 8% - 8.5% = 15  
(2) Below 8% = 2  
(3) Deficient in Butter-fat = 1

Sausages : 7 samples, 1 sample containing excess Preservative.

Mince Meat: 14 Samples. 2 samples contained preservative.

Prosecutions were instituted in regard to milk samples which were certified by the Government Analyst to be adulterated. In respect of sample showing between 8% and 8.5% Solids-not-fat, a letter is written to the dairyman in each case asking him to take steps to improve his milk in this respect. Prosecution was also instituted in regard to the samples of sausages and mince meat which were adulterated. (Pages 61-63)

(12) MATERNITY AND CHILD WELFARE. (Page 52)

The European Infantile Mortality rate again showed a drop, falling from 39.70 to 35.05.

The Coloured Infantile Mortality rate dropped from 104.7 to 95.9.

The Indian rate has decreased to 57.8. This considerable decrease is due to revision of the total of births, as it was found that a large number of Indian births were not registered. Steps have been taken to ensure more complete registration. Because of this, this year's rate is not really comparable with the figures given in previous years.

The Native Infantile Mortality rate was 220.2. As far as it is possible to ascertain the registration of Native births in Pietermaritzburg is fairly complete now, and the figures obtained in the future should be fairly reliable. This rate is almost identical with last year's rate of 221.1.

The main causes of infantile mortality in the different races are shown on pages 33-34.

Gastro-enteritis, a disease of dirt and improper feeding, was the cause of approximately one third of the Non-European Infantile Mortality, while 1 European infantile death was recorded..../



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(12) Maternity and Child Welfare cont'd.

recorded from this cause. The disease is controlled by imparting to mothers the knowledge which will ensure that babies are properly fed and cared for, through the medium of the Infant Clinic sessions and, most important of all, by personal and individual instruction in the home by the Health Visitor. A big increase in home visiting has resulted from the appointment of an additional Health Visitor last year.

Lung diseases have been the cause of 26% of the European and approximately 15% of the Non-European Infantile Mortality.

Diphtheria immunisation was continued throughout the year as one of the activities of the Infant Welfare Clinic, a total of 295 children being immunised (European : 140; Coloured: 155.).

As yet the Pietermaritzburg Nursery School Association has not managed to start a class for Pre-School children, but it is hoped that such a class will be started in the coming year.

The various Child Welfare Clinics continue to be well attended, as shown by the following figures :-

	<u>European</u>	<u>Native</u>	<u>Coloured</u>	<u>Indian</u>
1938-1939	4,589	1987	1495	4211
1939-1940	5,308	2445	1294	4009
1940-1941	4,723	2991	1670	3112

Maternal Mortality.

The total maternal mortality ( 3 deaths) showed a decrease on the previous year's total of 6.

The registration and supervision of all midwives practising in the Borough has continued throughout the year. 19 Inspections of Midwife's Bags have been made.

The midwifery training school at Grey's Hospital provides midwifery services both in the wards and in the district, and in addition provides Ante-Natal Clinic services for all races.

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

Borough Cases: (From 1st July, 1940, to 30th June, 1941);

<u>Ante-Natal Clinic Attendances.</u>		<u>District Midwifery Visits</u>	
Europeans	: 369	Europeans	: 1035
Natives	: 723		
Coloureds	: 149	Coloureds	: 437
Asiatics	: 412	Asiatics	: 3988

District Native confinements are done by the Municipal Native Midwife, who conducted 5 confinements and paid 39 confinement visits during the year.

During ...../



The Committee has the honor to acknowledge the receipt of the report of the Secretary of the Department of the Interior, dated at Washington, D.C., the 10th day of January, 1901, in relation to the work of the Bureau of Indian Affairs during the year 1900.

The report of the Secretary is herewith submitted to the Committee, and the Committee has the honor to acknowledge the receipt of the same.

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Year	Native	Colored	Indian
1900	1,000	1,000	1,000
1901	1,000	1,000	1,000
1902	1,000	1,000	1,000
1903	1,000	1,000	1,000
1904	1,000	1,000	1,000
1905	1,000	1,000	1,000
1906	1,000	1,000	1,000
1907	1,000	1,000	1,000
1908	1,000	1,000	1,000
1909	1,000	1,000	1,000
1910	1,000	1,000	1,000

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Year	Native	Colored	Indian
1900	1,000	1,000	1,000
1901	1,000	1,000	1,000
1902	1,000	1,000	1,000
1903	1,000	1,000	1,000
1904	1,000	1,000	1,000
1905	1,000	1,000	1,000
1906	1,000	1,000	1,000
1907	1,000	1,000	1,000
1908	1,000	1,000	1,000
1909	1,000	1,000	1,000
1910	1,000	1,000	1,000

The Committee has the honor to acknowledge the receipt of the report of the Secretary of the Department of the Interior, dated at Washington, D.C., the 10th day of January, 1901, in relation to the work of the Bureau of Indian Affairs during the year 1900.

(12) Maternity and Child Welfare cont'd.Maternal Mortality cont'd.

During the year Pietermaritzburg was gazetted a "Prescribed Area" under Section 39(b) of the Medical, Dental & Pharmacy Act No.13 of 1928, within which no person other than a medical practitioner or a midwife registered under the Act, shall attend any lying-in woman for gain. During the year 17 confinements were conducted by untrained "listed" midwives.

(13) BY-LAW NOTICES AND PROSECUTIONS. (Pages 59 - 64)

820 Notices and formal letters were served regarding breaches of the Borough By-Laws. 46 prosecutions were initiated in the Magistrate's Court, as detailed on pages 61-64.

(14) OTHER MATTERS OF HEALTH AND SANITATION

Nursing Homes. All the nursing homes in the Borough have been inspected during the year.

Complaints from Burgesses. 208 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	Vacci- -nated
Male : 18,231	219 : 1.20%	124 : 0.68%	33 : 0.18%	
Female: 71	14 : 19.71%	14 : 19.71%	- : -	
Total : 18,302	233 : 1.27%	138 : 0.75%	33 : 0.18%	1081

Vaccination of all unvaccinated or insufficiently vaccinated Natives coming forward for registration is carried out at the Pass Office.

Once again attention is drawn to the extremely small number of Native female domestic servants coming forward for examination. 14 out of the 71 females examined were rejected because of Venereal Disease.

State-Aided Butter Scheme:

The City Council has continued the administration of the State-Aided Butter Scheme for necessitous European and Coloured families ( excluding Railway workers).

During the year 12,912 lbs. of butter were distributed, 4,015 lbs. to Europeans, 8,897 lbs. to Coloureds.

Health Propaganda:

The Medical Officer of Health has given the following...../





(14) Other Matters of Health and Sanitation cont'd.Health Propaganda cont'd.:

following addresses to various public bodies, both European and Non-European, on matters pertaining to health :-

"Venereal Disease" : Talk to Native audiences at the Native Village (male and female)

"The Maritzburg Peri-Urban Black Belt" : Address to the National Council of Women and to the Indo-European Council.

"The Changing Aspect of Public Health" : Talk delivered to the Pietermaritzburg Jewish Circle and Zionist Society.

The Senior Health Visitor delivered an address "Child Welfare" to the Parents Group at Wykeham School.

Addresses were given to the delegates to the "Daughters of Africa" Annual Conference by the Native Nurse on "Native Infant Welfare" and by the Native Health Assistant on "Tuberculosis with special reference to the Natives of Pietermaritzburg".

During the year the exhibition of Health films was continued. 35 m.m. films borrowed from the Red Cross Society and the Union Health Department, are shown through the courtesy of the Manager of the Municipal Native Administration Department as a part of the usual weekly bioscope programme for Natives at the Native Beer Hall and at the Native Village. Similarly, through the courtesy of the Management of the Saraswathi Cinema Co., these films are shown during the week as part of the normal programme at this cinema, the audience being Asiatic. During the period under review four health films were shown, while one 16 m.m. Health film was procured for exhibition to a Red Cross Detachment.

(15) STAFF.

The Staff of the Department at the end of June, 1941, was as follows :-

ADMINISTRATIVE AND OFFICE

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

Actg. Asst. Medical Officer of Health: Dr. I. Woods, M.B., Ch.B.,  
D.P.H., .

Chief Clerk : E. Bastow (On Active Service)

Junior Clerk : D. C. Johnston. (On Active Service)

Senior Woman Clerical Assistant : Miss E. M. Hughes.

.....  
Acting Chief Clerk : H. Inspector Mrs. E. A. Thompson

.....  
Temporary Junior Clerk :

Temporary Junior Woman Clerical Assistant :

One Native Messenger.

INSPECTORATE ...../



(1) THE STATE OF TEXAS, COUNTY OF DALLAS, ss.

I, the undersigned, a Notary Public in and for the State of Texas, do hereby certify that the foregoing is a true and correct copy of the original thereof as the same appears from the records of the County of Dallas, Texas.

Witness my hand and the seal of my office this 10th day of January, 1900.

Notary Public in and for the State of Texas.

My commission expires this 10th day of January, 1900.

Attest my hand and the seal of my office this 10th day of January, 1900.

The State of Texas, County of Dallas, ss.

I, the undersigned, a Notary Public in and for the State of Texas, do hereby certify that the foregoing is a true and correct copy of the original thereof as the same appears from the records of the County of Dallas, Texas.

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The State of Texas, County of Dallas, ss.

(15) Staff cont'd.

## INSPECTORATE

Senior Health Inspector : J.G.Bigley, Cert. R.S.I.  
Health Inspector ... : V.F.Woodiwiss, Cert. R.S.I., Meat  
 & Other Foods Cert. R.S.I.  
Health Inspector (Dairy): C.F.Wyatt, Cert. R.S.I., Meat &  
 Other Foods Cert. R.S.I. (On  
 Active Service).  
Health Inspector ... : R.E.Bunn, Cert. R.S.I.  
Health Inspector ... : Mrs.E.A.Thompson, Cert. R.S.I.  
Rodent & Fumigation Officer : K.B.Rasmussen. (On Active  
 Service)  
One Indian Fumigation Assistant.  
.....  
Temporary Rodent & Fumigation Officer.

HEALTH VISITING STAFF

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

Health Visitors ... : Miss G.Buttery, Health Visitors'  
Cert. R.S.I.  
Miss L.C.Holder, Health Visitors'  
Cert. R.S.I.

NATIVE NURSING AND HEALTH ASSISTANT STAFF

Native Nurse and Midwife : Nurse Virginia N'Camu.  
Native Nurse (Native Village Dispensary) : Nurse Sophia  
Masongoa.  
Native Health Assistant : Oliver Kumalo.  
Native Health Assistant : Simon P. Xakaza.

## ISOLATION HOSPITAL

Matron : K.Higgins.  
Sister : R.M.Wickenden.  
Staff-Nurse : W.Naylor.  
Probationer Nurse: B.Gebers.

5 Native domestic servants.  
1 Native Night Watchman.

EPIDEMIC HOSPITAL

Officer-in-Charge : J.A.Kedian (On Active Service)  
 2 Native Nurses.  
 3 Native Orderlies.  
 1 Native Cook.  
 .....  
 Temporary Officer in Charge :  
 Temporary House-Keeper :



(10) 2020-01-15

### INSTRUCTIONS

1. The purpose of this document is to provide instructions for the use of the system. It is intended for use by all personnel who are responsible for the operation of the system.

2. The instructions are divided into two main sections: General Instructions and Specific Instructions. The General Instructions provide a general overview of the system and its operation. The Specific Instructions provide detailed instructions for the use of the system.

3. The instructions are written in a clear and concise manner. They are intended to be easy to read and understand. They are written in a way that is consistent with the system's operation.

4. The instructions are written in a way that is consistent with the system's operation. They are written in a way that is consistent with the system's operation.

### GENERAL INSTRUCTIONS

1. The system is designed to be used by all personnel who are responsible for the operation of the system. It is intended to be used by all personnel who are responsible for the operation of the system.

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### SPECIFIC INSTRUCTIONS

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### APPENDIX

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### REFERENCES

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(15) Staff cont'd.ABATTOIR

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

Clerk : C.W.Reid, Cert. R.S.I., Meat & Other  
Foods Cert. R.S.I. (On Active  
Service).

Stockyard Foreman : G.A.McIntosh, Cert. R.S.I., Meat  
& Other Foods Cert. R.S.I. (On  
Active Service).

.....

Temporary Clerk :  
Temporary Stockyard Foreman.

(16) PERI-URBAN AREAS.

A notable step forward has been made since the publication of the last annual report, by the enactment of Provincial Ordinance No.20,1941, the Local Health Commission (Public Health Areas Control) Ordinance, 1941. This Ordinance is welcomed as an indication of the intention of the Provincial Government to set up a body which will assume control of the Peri-Urban Areas of Pietermaritzburg, amongst other areas, under the powers thus granted, and so bring under control this danger spot which constantly menaces the health of this town.

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(1) HOUSING.

Owing to shortage of staff no re-survey of housing needs in Pietermaritzburg has been possible.

As far as Natives are concerned much has been accomplished and the requirements for Native Housing are now comparatively small. Only a small proportion of the necessary Asiatic Housing has been provided so far. No Sub-economic housing for the European and Coloured population has been provided so far, but a re-survey of their position has been made, the result of which is given on page 25. The Council Economic Housing Scheme in the "Gardens" suburb was completed during the period under review, the 30 houses constructed bringing the total up to 50.

Powers under the Slums Act have been used in respect of 4 premises during the year and powers under the Borough By-Laws have been exercised in dealing with insanitary dwellings, 37 dwellings being condemned for demolition under Public Health By-Law 19(b). 22 dwellings have been voluntarily demolished, in nearly all cases following representations by this Department.

Plans.

All plans of new buildings are submitted to this Department, and 238 have been scrutinized. Of these 146 were approved out-right, 77 approved subject to minor alterations and 15 disapproved.

The City Engineer reports that during the year 96 dwellings were erected for Europeans and 15 for non-Europeans.

(2) HOUSING OF NATIVES, NATIVE OR ASIATIC LOCATIONS OR BARRACKS.

The Pietermaritzburg Native Village is situated about 3 miles from the centre of the town. This Village has been recently extended and now comprises 354 houses and various public buildings, and has a population of about 1,700. It is situated on a good slope, and houses are well constructed of brick, and the general lay-out is good. Water is supplied by communal standpipes from the Corporation water supply, and sanitation is by the pail system. A considerable amount of work has been done in the provision of kerb and guttering to streets and in the hardening of roads.

There are three Corporation hostels for single Natives. For Males there is the East Street Hostel (and annexes) housing 396 Natives, and the Ortman Road Hostel with a capacity of 127. The Women's Hostel in Church Street housed 174 single women.

The Village and Hostels are all under the control of the Municipal Native Administration Department and 2 European Superintendents are employed.

The Natives (Urban Areas) Act is administered by the Municipal Native Administration Department. 128 temporary licences have been granted to house unexempted Natives under this Act, pending the provision of more accommodation at the Village and Hostels.

About two-thirds of the Natives resident in the town are domestic servants, living in quarters provided on the property of their employers. These quarters are the subject of routine ....





Housing of Natives, Native or Asiatic Locations or Barracks cont'd.

routine inspections by this Department and in general are satisfactory.

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 32 and 27 Indian labourers, together with their wives and families.

50 subeconomic Indian Houses were completed by the beginning of 1940. This scheme was made up of eight 2 bedroom plus living room houses (letting at a rental of 7/- per week), Thirty-six 3 bedroom plus living room houses (letting at a rental of 8/- per week), and six 4 bedroom plus living room houses (letting at a rental of 9/- per week). These houses have been in continuous occupation throughout the year. One of the Health Visitors of the Department has been appointed to act as Supervisor of this Housing Scheme, the number of houses not warranting a full-time official. A garden competition was held during the year, 47 of the tenants entering for this competition, which was keenly contested.

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

A re-survey of the European and Coloured housing position was carried out last year and resulted in the following findings :-

	<u>European</u>	<u>Coloured</u>
Premises requiring Demolition:	7	37
Premises requiring Partial ) Demolition and major re- ) : construction. )	35	5

Following upon Council's application, Loans have now been authorised by the Central Housing Board for limited subeconomic Housing Schemes, and the City Council has decided to proceed with schemes along the following lines :-

- (1) Provision of 12 European subeconomic cottages.
- (2) Provision of 20 Coloured subeconomic cottages.
- (3) Provision of 50 Asiatic subeconomic homes; the question of a large flat block is being considered in this connection.

It is anticipated that 9 subeconomic houses for European Railway employees will be constructed by the Railway Administration during the coming year, on land set aside by Council for this purpose.

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\* DEATHS

	European				Native				Coloured				Asiatic			
	Res.		N-R		Res.		N-R		Res.		N-R		Res.		N-R	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P
(1) <u>Infectious and Parasitic Diseases.</u>																
001. Typhoid Fever	0	0	0	0	2	3	5	37	0	1	1	0	3	1	4	1
002. Paratyphoid Fever	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
008. C.S. Meningococcal)																
Meningitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010. Scarlet Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011. Whooping Cough	0	0	0	0	1	2	3	1	0	0	0	0	0	0	0	0
012. Diphtheria	0	0	0	0	0	0	0	4	0	0	0	1	0	1	1	0
013. Erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
014. Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
015. Tuberculosis of																
Respiratory System)	3	0	3	9	8	11	19	77	0	1	1	6	4	2	6	1
016. Central Nervous)																
System	1	0	1	2	0	0	0	5	0	0	0	0	0	0	0	0
017. Intestines and)																
Peritoneum	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0
018. Vertebral Column	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
019. Other bones & joints	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
021. Lymphatic System	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
022. Genito-urinary)																
system	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
023. Other Organs	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
024. T.B., acute Miliary	1	0	1	1	0	0	0	4	0	0	0	0	0	0	0	0
025. T.B., Chronic "	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1
027. Purulent infection)																
& Septicaemia	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
028. Gonococcal Infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
032. Dysentery, Bacillary	0	0	0	0	0	0	0	10	0	1	1	0	0	0	0	0
033. " Amoebic	0	0	0	1	1	1	2	23	1	0	1	0	0	0	0	0
034. " Other )																
protozoal)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
035. " other & un-																
specified forms	1	0	1	0	1	1	2	2	0	0	0	0	0	0	0	0
036. Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
040. Locomotor Ataxia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
041. G.P.I.	0	0	0	2	0	0	0	14	0	0	0	1	0	0	0	1
042. Aneurysm of the)																
Aorta	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
043. Congenital Syphilis	0	0	0	0	2	2	4	12	0	0	0	0	2	1	3	1
044. Syphilis, other forms	0	0	0	1	0	0	0	6	0	0	0	0	0	0	0	0
048. Influenza, with Res)																
piratory complica-																
tions	0	0	0	1	0	0	0	4	0	1	1	0	2	1	3	2
049. Influenza, without)																
Respiratory compli-																
cations	1	1	2	0	0	1	1	1	1	0	1	0	0	0	0	1
052. Measles	0	0	0	0	2	0	2	0	0	0	0	0	0	1	1	1
053. Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total: C/Forward	7	1	8	18	18	21	39	215	2	4	6	8	11	9	19	9

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



## Deaths Cont'd

	European				Native				Coloured				Asiatic			
	Res.		N-R		Res.		N-R		Res.		N-R		Res.		N-R	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P
Total B/Forward	7	1	8	18	18	21	39	215	2	4	6	8	11	9	19	9
(1) Cont'd																
054. Acute Lethargic)																
Encephalitis )	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
070. Nematodes, round	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
075. Hodgkins Disease	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Total: Group (1)	7	2	9	18	18	21	39	215	2	4	6	9	11	10	20	9
(2) Cancer & Other																
Tumours																
100. Buccal cavity &)																
Pharynx )	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
101. Oesophagus	3	0	3	2	1	0	1	1	0	0	0	1	1	0	1	0
102. Stomach & duode-)																
num )	3	4	7	5	1	0	1	4	0	1	1	0	0	0	0	0
103. Rectum	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
104. Liver	1	1	2	0	1	0	1	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. )	1	2	3	2	0	0	0	1	0	0	0	0	0	0	0	0
peritoneum )																
107. Larynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108. Mediastinum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109. Lung	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
110. Uterus	0	2	2	1	0	0	0	3	0	0	0	0	0	0	0	1
111. Other Female )																
Genital organs )	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
112. Breast	0	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0
113. Prostate	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
114. Other Male )																
Genital Organs )	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115. Urinary Organs	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
116. Skin	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
117. Brain & Nervous)																
System )	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
118. Bones	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119. Other & unspecified)																
Organs )	1	1	2	2	0	0	0	0	0	0	0	0	1	0	1	0
Non-Malignant Tumours																
130. Female Genital)																
organs )	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131. Other & unspeci-)																
fied organs )	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total: Group (2)	12	13	25	19	3	0	3	12	0	1	1	1	2	1	3	2
(3) Rheumatism, Dis-																
eases of Nutri-																
tion, etc.																
149. Acute Rheumatic)																
Fever )	1	0	1	0	0	0	0	1	0	0	0	0	1	1	2	0
152. Diabetes	1	1	2	2	0	0	0	0	1	0	1	0	2	0	2	1
154. Simple Goitre	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
157. Other dis. of Thyroid	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
163. Malnutrition	0	0	0	0	1	0	1	7	0	0	0	2	1	0	0	0
168. Pellagra	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
170. Other vitamin de-)																
ficiency diseases )	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Total: Group (3)	2	2	4	2	1	0	1	12	1	0	1	2	4	1	4	1
Totals C/Forward	21	17	38	39	22	21	43	239	3	5	8	12	17	11	28	12



## Deaths Cont'd

	European				Native				Coloured				Asiatic			
	Res.		N-R		Res.		N-R		Res.		N-R		Res.		N-R	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P
Totals B/Forward	21	17	38	39	22	21	43	239	3	5	8	12	17	11	28	12
(4) Diseases of the Blood	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
203. Pernicious Anaemia	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0
207. Leukaemic Leukaemia	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
210. Banti's Disease	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
212. Agranulocytosis	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total: Group (4)	1	1	2	1	0	0	0	1	0	0	0	1	0	0	0	0
(5) Chronic Poisonings	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
257. Other non-occupational poisonings	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Total: Group (5)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
(6) Diseases of the Nervous System	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
300. Intracranial abscess	0	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0
301. Encephalitis (Non-Epidemic) other forms	0	1	1	0	0	0	0	1	0	0	0	0	0	1	1	0
302. Pneumococcal Meningitis	0	1	1	0	0	0	0	2	0	1	1	0	0	0	0	1
303. Other forms non-meningococcal meningitis	1	0	1	0	1	0	1	2	0	0	0	0	0	0	0	0
305. Cerebral Haemorrhage	4	3	7	5	1	0	1	1	0	0	0	0	2	1	3	0
306. Cerebral Embolism & thrombosis	2	2	2	2	2	0	2	2	0	0	0	0	1	1	2	1
308. Mental disorder	1	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0
309. Epilepsy	0	0	0	4	0	0	0	6	0	0	0	2	2	0	2	0
310. Convulsions in children	1	0	1	0	0	0	0	0	0	0	0	1	1	1	2	1
315. Other diseases of nervous system	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
317. Diseases of Ear	0	1	1	1	0	0	0	2	0	0	0	0	1	0	1	0
Total: Group (6)	6	11	17	14	4	0	4	19	0	1	1	3	7	4	11	3
(7) Diseases of the Circulatory System	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350. Chronic Rheumatic Pericarditis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
351. Other Pericarditis	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
352. Acute Endocarditis	1	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0
353. Valvular disease (rheumatic)	0	0	0	0	0	1	1	3	0	0	0	0	0	0	0	0
354. Valvular disease (other forms)	3	0	3	2	0	2	2	7	0	1	1	0	0	0	0	1
355. Acute Myocarditis	0	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0
356. Chronic (Rheumatic)	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0
357. Chronic myocarditis (other)	6	7	13	6	5	1	6	21	0	0	0	1	2	1	3	5
Total: Group (7) C/F	11	8	19	10	5	4	9	35	0	1	1	1	3	2	5	7
Totals C/Forward	28	29	57	54	26	21	47	259	3	6	9	16	25	15	40	15



## Deaths Cont'd

	European				Native				Coloured				Asiatic			
	Res.		N-R		Res.		N-R		Res.		N-R		Res.		N-R	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P
Totals B/Forward	28	29	57	54	26	21	47	259	3	6	9	16	25	15	40	1
(7) Cont'd Totals B/F	11	8	19	10	5	4	9	35	0	1	1	1	3	2	5	
358. Disease of Coronary Arteries & angina Pectoris	5	10	15	1	1	1	2	3	0	0	0	0	0	1	1	
359. Other Rheumatic Heart Disease	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	
360. Other non-Rheumatic Heart Disease	4	2	6	2	1	1	2	4	0	0	0	0	1	1	2	
363. Arterio Sclerosis	4	2	6	2	2	0	2	3	0	0	0	0	0	0	0	
364. Other diseases of the arteries	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
365. Diseases of the veins	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
367. High Blood Pressure	1	1	2	1	0	0	0	1	0	0	0	1	1	0	1	
Total: Group (7)	26	23	49	17	9	6	15	49	0	1	1	2	5	4	9	1
(8) Diseases of Respiratory System																
400. Diseases of nasal fossae & annexa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
401. Diseases of Larynx	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
402. Acute bronchitis	1	0	1	1	0	0	0	1	0	0	0	0	2	2	4	
403. Chronic "	1	0	1	3	1	1	2	4	0	0	0	0	1	2	3	
404. Broncho Pneumonia	4	3	7	1	3	3	6	29	1	0	1	1	6	2	8	
405. Lobar "	1	4	5	2	5	2	7	31	1	0	1	0	1	1	2	
406. Unspecified "	2	1	3	3	1	1	2	2	0	0	0	0	0	0	0	
407. Empyema	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
408. Pleuresy, unspecified	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	
409. Haemorrhagic infarction of lungs	1	1	2	0	0	0	0	1	0	0	0	0	0	1	1	
410. Chronic congestion	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	
411. Asthma	2	2	4	2	0	0	0	2	0	0	0	0	1	0	1	
412. Pulm. emphysema	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
413. Miners' phthisis without T.B.	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
414. Miners' phthisis with T.B.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
415. Other occupational respiratory disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
416. Gangrene of lung	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
417. Abscess of lung	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	
418. Other Respiratory disease	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	
Total: Group (8)	16	13	29	14	10	7	17	74	2	0	2	1	11	10	21	1
(9) Diseases of Digestive System																
450. Dis. of teeth & gums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
451. Septic sore throat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
452. Other dis. pharynx and tonsils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
453. Dis. of other sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
454. Dis. of oesophagus	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
Total: Group (9) C/F	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
Totals C/Forward	70	65	135	85	45	34	79	382	5	7	12	19	41	29	70	4



## Deaths Cont'd

	European				Native				Coloured				Asiatic			
	Res.	N-R			Res.	N-R			Res.	N-R			Res.	N-R		
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P
Totals B/Forward	70	65	135	85	45	34	79	382	5	7	12	19	4	29	70	41
9) Cont'd. Totals B/F	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
55. Ulcer of Stomach	1	2	3	0	1	0	1	0	0	0	0	0	0	0	0	0
56. " " duodenum	3	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0
57. Other diseases of stomach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58. Diarrhoea & Enteritis (under 2)	1	0	1	4	13	10	23	43	3	1	4	1	2	12	14	6
59. Diarrhoea & Enteritis (over 2)	0	2	2	1	2	2	4	7	0	0	0	0	1	0	1	0
60. Ulceration of intestines	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0
61. Appendicitis	1	0	1	3	1	0	1	3	0	0	0	0	0	1	1	1
62. Hernia	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
63. Intestinal obstruction	1	0	1	1	0	0	0	4	0	0	0	0	0	0	0	0
64. Diverticulitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65. Other diseases of intestines	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0
66. Cirrhosis of Liver (without Alcoholism)	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
67. Cirrhosis of Liver (with alcoholism)	0	0	0	0	0	0	0	2	1	0	1	0	0	0	0	0
68. Acute Yellow atrophy of liver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69. Other diseases of Liver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70. Biliary calculi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71. Cholecystitis	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
72. Dis. of Pancreas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73. Peritonitis (un-stated cause)	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Total: Group (9)	10	4	14	13	17	12	29	67	4	1	5	1	3	14	17	7
10) Diseases of the Urinary & Genital Systems																
00. Acute Nephritis	0	0	0	2	0	0	0	6	0	0	0	0	0	0	0	0
01. Chronic "	4	2	6	4	2	0	2	2	0	0	0	0	1	1	2	2
02. Nephritis, not defined	0	1	1	0	1	0	1	3	0	0	0	0	0	0	0	1
03. Pyelitis, pyelonephritis etc.	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0
04. Other diseases of kidneys & ureters	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05. Urinary calculi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06. Cystitis	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
07. Other diseases of bladder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08. Dis. of Urethra	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
09. Hypertrophy of Prostate	3	0	3	0	0	0	0	1	1	0	1	0	0	0	0	0
10. Other Prostatic Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Dis. of Male genitals	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
12. Dis. of Ovaries, etc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13. Dis. of Uterus	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
14. Dis. of Breast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15. Other dis. of Female genitals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total: Group (10)	8	4	12	9	3	0	3	15	1	0	1	0	1	2	3	3
Totals C/Forward	88	73	161	107	65	46	111	464	10	8	18	20	45	45	90	51



## Deaths Cont'd.

	European				Native				Coloured				Asiatic		
	Res.		N-R		Res.		N-R		Res.		N-R		Res.		N-R
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P
Totals B/Forward	88	73	161	107	65	46	111	464	10	8	18	20	45	45	90
(11) Diseases of Pregnancy															
550. Post abortive infection, spontaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
551. Post abortive infection, induced (non therapeutic)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
552. Abortion, spontaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
553. " induced Nontherapeutic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
554. Ectopic gestation	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
555. Placenta praevia during pregnancy	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
556. Accidental haemorrhage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
557. Other haemorrhages of pregnancy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
558. Eclampsia of pregnancy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
559. Albuminuria of pregnancy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
560. Acute Yellow atrophy of Liver)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
561. Other Toxaemias of pregnancy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
562. Other dis. & accidents of pregnancy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
563. Haemorrhage from placenta praevia (during childbirth)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
564. Haemorrhage from premature placental separation in childbirth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
565. Other haemorrhages during childbirth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
566. Other haemorrhages after childbirth	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
567. Puerperal Sepsis	0	0	0	0	0	0	0	5	0	0	0	1	0	1	1
568. " thrombophlebitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
569. " embolism	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
570. " eclampsia	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
571. " albuminuria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
572. Acute Yellow atrophy of Liver (postpartum)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
573. Other puerperal toxaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
574. Other accidents of childbirth	0	0	0	0	0	0	0	6	0	0	0	0	0	1	1
575. Other diseases of childbirth and puerperium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Group (11)	0	0	0	0	0	0	0	14	0	0	0	1	0	3	3
(12) Diseases of Skin & Cellular Tissue															
600. Carbuncle	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
601. Cellulitis	0	0	0	0	0	0	0	4	0	0	0	0	0	1	1
602. Other dis. of skin	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Total: Group (12)	0	0	0	0	0	0	0	7	0	0	0	0	0	1	1
Totals C/Forward	88	73	161	107	65	46	111	485	10	8	18	21	45	49	94



## Deaths Cont'd.

	European				Native				Coloured				Asiatic			
	Res.		N-R		Res.		N-R		Res.		N-R		Res.		N-R	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P
Totals B/Forward	88	73	161	107	65	46	111	485	10	8	18	21	45	49	94	54
(13) Diseases of Bones																
50. Osteomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Total: Group (13)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
(14) Congenital Malformations																
02. Cong. malformation of heart	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0
04. Cong. pyloric stenosis	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Total: Group (14)	0	0	0	1	1	0	1	2	0	0	0	0	0	0	0	0
(15) Diseases Peculiar to First Year of Life																
50. Cong. Debility	0	1	1	0	1	4	5	4	0	1	1	0	2	0	2	0
51. Premature Birth	2	1	3	2	3	6	9	16	1	0	1	0	0	3	3	0
52. Intracranial haem due to injury at birth	0	0	0	1	3	0	3	2	0	0	0	0	0	0	0	0
53. Other birth injuries	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
54. Asphyxia at birth	0	1	1	1	0	1	1	4	0	0	0	0	0	0	0	1
56. Infections of new born	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
57. Melaena neonatorum	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0
58. Other Spec. dis.	0	1	1	0	3	0	3	5	0	0	0	2	0	0	0	1
Total: Group (15)	4	4	8	4	11	11	22	33	1	1	2	2	2	3	5	2
(16) Senility																
00. Senility	3	5	8	14	1	2	3	6	1	0	1	1	2	2	4	2
Total: Group (16)	3	5	8	14	1	2	3	6	1	0	1	1	2	2	4	2
(17) Violent or Accidental Deaths																
58. Suicide by Firearms	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56. Homicide by cutting instruments	0	0	0	1	0	1	1	2	0	0	0	0	0	0	0	0
67. Hom. by other means	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
68. Acc. on railways	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1
71. Other accidents - motor driven vehicles	1	0	1	2	4	0	4	4	2	0	2	0	3	0	3	1
74. Other accidents - motor driven cycles	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
76. Accidents, animal drawn vehicles	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
77. Other accidents	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0
86. Accidents caused by machinery	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
89. Accidental poisoning	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
91. Accidental burns	1	0	1	0	1	0	1	13	0	0	0	0	0	0	0	1
93. " drowning	0	0	0	0	2	0	2	1	0	0	0	0	0	0	0	0
93. " injury by firearms	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
95. " injury by cutting or piercing instruments	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
96. Accidental fall	2	0	2	1	1	0	1	9	0	0	0	0	0	0	0	0
97. " injury by landslide	0	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0
Total: Group (17) C/F	5	0	5	6	9	1	10	45	2	0	2	10	3	0	3	4
Totals C/Forward	95	82	177	126	78	59	137	526	12	9	21	24	49	55	104	58



Deaths Cont'd.

	European				Native				Coloured				Asiatic		
	Res. : N-R				Res. : N-R				Res. : N-R				Res. : N-		
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P
Totals B/Forward	95	82	177	126	78	59	137	526	12	9	21	24	49	55	104
(17) Cont'd. Totals B/F	5	0	5	6	9	1	10	45	2	0	2	0	3	0	3
904. Other accidents -)															
electric currents)	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
905. Attack by veno-)															
mous animals )	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
906. Anaesthetic)															
accidents )	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
908. Other & unspeci-)															
fied accidents )	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
916. Open verdict	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
Total: Group (17)	7	0	7	7	10	1	11	48	2	0	2	0	3	0	3
(18) <u>Ill Defined</u>															
<u>Causes of Death</u>															
950. Sudden Death	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
951. Ill defined cuases	0	4	4	2	0	0	0	3	0	0	0	0	2	2	4
952. Found dead )															
(cause unknown))	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
953. Other unspecified)															
causes	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0
Total: Group (18)	1	4	5	2	0	0	0	5	0	0	0	0	2	2	4
TOTAL :	103	86	189	135	88	60	148	579	14	9	23	24	54	57	111



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
1. Whooping Cough	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
3. Congenital Syphilis	0	0	0	2	1	3	0	0	0	2	1	3	4	2	6
2. Measles	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
3. Malnutrition	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
0. Convulsions	1	0	1	0	0	0	0	0	0	0	1	1	0	1	1
2. Acute Bronchitis	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
4. Broncho Pneumonia	0	1	1	1	3	4	1	0	1	1	1	2	3	4	7
5. Lobar Pneumonia	0	1	1	2	1	3	0	0	0	1	1	2	3	2	5
6. Pneumonia ) unspecified)	2	0	2	1	0	1	0	0	0	0	0	0	1	0	1
8. Diarrhoea & ) Enteritis )	1	0	1	7	5	12	3	1	4	1	7	8	11	13	24
5. Other diseases ) of intestines )	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
4. Other accidents ) of childbirth )	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
2. Congenital mal- ) formation of ) heart )	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
0. Congenital Debility	0	1	1	1	2	3	0	1	1	1	0	1	2	3	5
1. Prematurity	2	1	3	3	6	9	1	0	1	0	3	3	4	9	13
2. Intracranial Haemorrhage (Injury at birth)	0	0	0	3	0	3	0	0	0	0	0	0	3	0	3
3. Other birth ) injuries )	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
4. Asphyxia or ) atelectasis )	0	1	1	0	1	1	0	0	0	0	0	0	0	1	1
6. Infections of ) Newborn )	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
7. Melaena neona- ) torum )	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
8. Other specified ) diseases )	0	1	1	3	0	3	0	0	0	0	0	0	3	0	3
TOTAL :	9	6	15	26	20	46	5	2	7	8	15	23	39	37	76



INFANTILE MORTALITYRESIDENTS.

	European			Native			Coloured			Asiatic			All Non-	
	M	F	P	M	F	P	M	F	P	M	F	P	M	F
During 1st Week	4	3	7	13	6	19	1	0	1	0	3	3	14	9
1 week - 3 weeks	2	0	2	1	3	4	0	0	0	3	2	5	4	5
1 month - 2 months	1	2	3	2	1	3	2	0	2	4	3	7	8	4
3 months - 5 months	0	0	0	5	5	10	1	1	2	1	3	4	7	9
6 months - 8 months	2	0	2	0	0	0	1	1	2	0	1	1	1	2
9 months - 11 months	0	1	1	5	5	10	0	0	0	0	3	3	5	8
Total :	9	6	15	26	20	46	5	2	7	8	15	23	39	37

INFANTILE MORTALITY RATE

( DEATHS PER 1000 BIRTHS)

	European		Native		Coloured		Asiatic	
During 1st Week	7	16.35	19	90.9	1	13.69	3	7.35
1 week - 3 weeks.	2	4.67	4	19.13	0	0	5	12.56
1 month - 2 months	3	7.00	3	14.35	2	27.39	7	17.56
3 months - 5 months	0	0	10	47.84	2	27.39	4	10.05
6 months - 8 months	2	4.67	0	0	2	27.39	1	2.51
9 months - 11 months	1	2.33	10	27.84	0	0	3	7.53
Infantile Mortality Rate	15	35.04	46	220.09	7	95.89	23	190.95

PERCENTAGE OF DEATHS AT ALL AGESOCCURRING IN THE FIRST YEAR OF LIFE

European	:	7.9%
Native	:	31.1%
Coloured	:	30.4%
Asiatic	:	20.7%
All Non-European	:	26.9%
All Races	:	19.3%

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

	European		Native		Coloured		Asiatic		All Non-	
Measles	0	0	1	2.2	0	0	0	0	1	1
Gastro-Intestinal ) Infections )	1	6.7	12	26.1	4	57.1	9	39.1	25	
Bronchitis and ) Pneumonia )	4	26.7	8	17.4	1	14.3	4	17.4	13	1
Malformations, Congeni- ) tal Debility and ) Prematurity )	4	26.6	13	28.3	2	28.6	4	17.4	19	2
Injury at Birth	0	0	4	8.7	0	0	0	0	4	
Other Diseases ) peculiar to Early ) Infancy )	3	20.0	1	2.2	0	0	0	0	1	
Syphilis	0	0	3	6.5	0	0	3	13.0	6	
Other Causes	3	20.0	4	8.7	0	0	3	13.0	7	
	15	100.0	46	100.0	7	100.0	23	100.0	76	100



PULMONARY TUBERCULOSISDEATHS IN MONTHS OF THE YEARRESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	1	0	1	0	2	2	0	0	0	0	0	0	0	2	2
August	0	0	0	1	1	2	0	0	0	0	1	1	1	2	3
September	0	0	0	0	2	2	0	0	0	1	0	1	1	2	3
October	0	0	0	2	2	4	0	0	0	0	0	0	2	2	4
November	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
December	0	0	0	1	1	2	0	0	0	1	1	2	2	2	4
January	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
February	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1
March	0	0	0	1	1	2	0	1	1	0	0	0	1	2	3
April	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
May	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
June	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total :	3	0	3	8	11	19	0	1	1	4	2	6	12	14	26

PULMONARY TUBERCULOSIS DEATH RATES PER 1000 POPULATION

European	:	0.14
Native	:	1.94
Coloured	:	0.60
Asiatic	:	0.67
All Non-European	:	1.27
ALL PERSONS	:	0.70

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
- 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 2 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
- 4 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
- 14 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
- 24 years	0	0	0	2	3	5	0	0	0	2	0	2	4	3	7
- 34 years	0	0	0	2	2	4	0	1	1	2	0	2	4	3	7
- 44 years	0	0	0	1	2	3	0	0	0	0	1	1	1	3	4
- 54 years	1	0	1	1	1	2	0	0	0	0	0	0	1	1	2
- 64 years	2	0	2	1	0	1	0	0	0	0	0	0	1	0	1
- 74 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
and over	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
TOTAL :	3	0	3	8	11	19	0	1	1	4	2	6	12	14	26







C A N C E RDEATHS IN AGE GROUPSRESIDENTS

	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	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	1	0	1	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	0	1	1	1	0	1	0	0	0	0	0	0	1	0	1
45 - 54 years	1	4	5	1	0	1	0	0	0	0	0	0	1	0	1
55 - 64 years	3	3	6	0	0	0	0	1	1	1	1	2	1	2	3
65 - 74 years	6	2	8	1	0	1	0	0	0	1	0	1	2	0	2
75 and Over	1	3	4	0	0	0	0	0	0	0	0	0	0	0	0
Total :	12	13	25	3	0	3	0	1	1	2	1	3	5	2	7

DEATHS RATES PER 1000 POPULATION

European	: 1.19
Native	: 0.3
Coloured	: 0.60
Asiatic	: 0.33
All Non-European	: 0.34
All Persons	: 0.77

FORMS OF CANCER CAUSING DEATHSGIVEN IN AGE GROUPSRESIDENTS ONLY

	0 - 24		25 - 44		45 - 64		65 and Over	
	Eur.		N-Eur.		Eur.		N-Eur.	
	M	F	M	F	M	F	M	F
Cancer of :-								
00. Buccal Cavity & Pharynx	0	0	0	0	1	0	1	0
01. Oesophagus	0	0	0	0	0	0	3	0
02. Stomach & duodenum	0	0	0	0	1	2	2	2
04. Liver	0	0	0	0	1	0	0	1
06. Oth. digestive Organs, peritoneum	1	0	0	0	0	1	0	1
09. Lung	0	0	0	0	0	0	0	0
10. Uterus	0	0	0	0	0	1	0	1
12. Breast	0	0	0	1	0	2	0	0
13. Prostate	0	0	0	0	0	0	1	0
19. Oth. & unspecified organs	0	0	0	0	1	1	1	0
TOTAL :	1	0	0	1	4	7	7	5



DEATHS DUE TO BRONCHITIS AND PNEUMONIA

(Code Nos.402 - 406)

RESIDENTS: (Given in Month of the Year)

	European			Native			Coloured			Asiatic			All Non-Eur.	
	M	F	P	M	F	P	M	F	P	M	F	P	M	F
July	0	1	1	1	0	1	0	0	0	2	0	2	3	0
August	1	2	3	1	0	1	0	0	0	2	2	4	3	2
September	0	1	1	2	2	4	0	0	0	1	2	3	3	4
October	2	1	3	2	1	3	2	0	2	0	1	1	4	2
November	0	0	0	1	0	1	0	0	0	1	0	1	2	0
December	2	0	2	0	0	0	0	0	0	0	1	1	0	1
January	0	0	0	0	1	1	0	0	0	1	0	1	1	1
February	0	1	1	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	1	0	1	0	0	0	1	0	1	2	0
April	1	0	1	0	1	1	0	0	0	0	0	0	0	1
May	1	0	1	1	1	2	0	0	0	1	0	1	2	1
June	2	2	4	1	1	2	0	0	0	1	1	2	2	2
Total :	9	8	17	10	7	17	2	0	2	10	7	17	22	14

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
Under 1 year	2	2	4	4	4	8	1	0	1	3	1	4	8	5
1 year	0	0	0	1	1	2	0	0	0	1	1	2	2	2
2 - 4 years	0	0	0	0	0	0	0	0	0	0	3	3	0	3
5 - 14 years	0	0	0	0	0	0	0	0	0	2	0	2	2	0
15 - 24 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0
25 - 34 years	0	1	1	0	1	1	0	0	0	0	0	0	0	1
35 - 44 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0
45 - 54 years	0	1	1	2	0	2	0	0	0	0	1	1	2	1
55 - 64 years	0	1	1	0	0	0	0	0	0	2	1	3	2	1
65 - 74 years	3	0	3	1	0	1	0	0	0	1	0	1	2	0
75 and Over	4	3	7	0	1	1	1	0	1	1	0	1	2	1
Total :	9	8	17	10	7	17	2	0	2	10	7	17	22	14

Bronchitis	2	0	2	1	1	2	0	0	0	3	4	7	4	5
Pneumonia	7	8	15	9	6	15	2	0	2	7	3	10	18	9
Total :	9	8	17	10	7	17	2	0	2	10	7	17	22	14

DEATH RATES PER 1000 POPULATIONBRONCHITIS:(Code Nos.402,403)

European : 0.09  
 Native : 0.20  
 Coloured : 0.00  
 Asiatic : 0.78  
 All Non-Eur.: 0.44

All Persons : 0.26

PNEUMONIA:(Code Nos.404 - 406)

European : 0.71  
 Native : 1.53  
 Coloured : 1.20  
 Asiatic : 1.11  
 All Non-Eur.: 1.32

All Persons : 1.01



DISEASES OF THE HEART

(Code Nos. 350 - 360)

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	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	1	0	0	0	0	1	1	0	2	2
25 - 34 years	1	2	3	0	1	1	0	0	0	0	1	1	0	2	2
35 - 44 years	2	0	2	4	2	6	0	1	1	0	0	0	4	3	7
45 - 54 years	1	0	1	2	1	3	0	0	0	2	0	2	4	1	5
55 - 64 years	5	5	10	1	1	2	0	0	0	1	2	3	2	3	5
65 - 74 years	6	5	11	0	0	0	0	0	0	0	0	0	0	0	0
75 and Over	5	8	13	0	0	0	0	0	0	1	0	1	1	0	1
Total :	20	20	40	7	6	13	0	1	1	4	4	8	11	11	22

DEATH RATE PER 1000 LIVING

European	:	1.90
Native	:	7.26
Coloured	:	0.60
Asiatic	:	0.89
All Non-European	:	1.07
ALL PERSONS	:	1.49



DEATHS DUE TODIARRHOES 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	0	0	0	0	0	0	1	1	2	1	1	2
August	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
September	0	0	0	1	1	2	2	0	2	0	1	1	3	2	5
October	0	0	0	4	1	5	1	0	1	0	0	0	5	1	6
November	0	0	0	2	2	4	0	0	0	1	0	1	3	2	5
December	1	0	1	3	1	2	0	0	0	0	0	0	1	1	2
January	0	0	0	3	1	4	0	1	1	0	3	3	3	5	8
February	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
March	0	0	0	2	0	2	0	0	0	0	4	4	2	4	6
April	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
May	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
June	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
TOTAL :	1	0	1	13	10	23	3	1	4	2	12	14	18	23	41

DISTRICTS OF RESIDENCE OF CASES OF ENTERICFEVER AND TUBERCULOSIS

	<u>Notifications of</u> <u>Enteric Fever</u>	<u>Deaths from</u> <u>Tuberculosis</u>
P.M.Burg Central	9	14
Zwartkop Valley	0	1
Wembley	1	1
Scottsville (in water supply area)	1	0
Scottsville (outside water supply area)	0	0
Mountain Rise	1	1
Pentrich (in water supply area)	1	3
Pentrich (outside water supply area)	0	1
Chase & Town)		
Bush Valleys)	1	1
Native Village	4	9
Hathorn's Hill	0	1
Asiatic Housing )		
Scheme )	0	0
Total :	18	32



TUBERCULOSIS CLINIC

July 1st. 1940 to June 30th 1941

	European		Native		Coloured		Asiatic		Total		Total
	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	
w Cases	22:13	2:0	35:36	27:7	9:19	1:1	19:21	6:3	85:88	36:11	220
tal At-)											
ndances)	60:42	3:1	405:291	167:24	155:165	4:0	25:284	34:24	872:587	208:49	1711
uta ex-)											
ined )	9:2	0:0	14:5	6:2	12:17	1:1	17:3	1:0	52:27	8:3	80
uta )											
Positive)	3:0	0:0	1:1	2:1	4:3	0:0	3:0	0:0	11:4	2:1	18
Ray Ex-)											
minations)	20:11	2:1	41:35	21:8	22:40	1:1	46:35	3:2	129:126	27:12	294
Ray Posi-)											
ive )	6:2	2:0	11:4	9:3	4:6	0:0	8:11	0:0	29:23	11:3	66
sitive )											
agnosis)	2:0	0:0	6:4	3:0	1:2	0:0	0:5	0:0	9:7	3:0	19
made )											
mitted to)											
ey's Hosp)											
ital )	0:0	0:0	0:0	2:4	1:3	0:0	1:0	0:0	2:3	2:4	11
ferred to)											
ng George)											
Hospital )	2:0	0:0	0:0	0:0	2:0	0:0	3:1	1:0	7:1	1:0	9
ntacts)											
amined)	5:9	0:0	15:15	1:4	3:9	0:1	7:13	2:1	30:46	3:6	85

Additional Borough Cases )	EUR.		NAT:		COL:		AS:		TOTAL	
	M	F	M	F	M	F	M	F	M	F
Admitted to Grey's Hospi-)										
tal direct.(Not through )										
T.B.CLINIC) )	2	0	5	3	0	0	4	0	11	3
										14
Cases sent to King George V)										
Hospital )										
(Not through T.B.Clinic) )	0	1	0	0	1	2	2	1	3	4
										7

HOME VISITS TO TUBERCULOTICS AND THEIR CONTACTS

( To Borough Residents Only )

European : 176

Native : 954

Coloured : 1027

Asiatic : 435

Total : 3592



# VENEREAL DISEASE

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1941

	A Transferred to Hospital			B New Cases			C Transferred from Hospital & other clinics of treatment			D Undergoing Course 11 of treatment			E Undergoing Course 111 of treatment			F Undergoing Course IV of treatment			G Undergoing Course V of treatment			H Total Attendances		
	Bor.	O/B	M F	Bor.	O/B	M F	Bor.	O/B	M F	Bor.	O/B	M F	Bor.	O/B	M F	Bor.	O/B	M F	Bor.	O/B	M F	Bor.	O/B	M F
EUROPEAN																								
1.				1						33			26			7						84		
2.							3			10			6	10		16	11					22	34	
3.							1															1		3
4.							3												23			45		
5.							1	1		10	1										1	44	6	6
6.																								
7.																								
8.					1					13			9			12						44		
9.				4	1		1	1													43	8	3	2
10.																								
11.																								
12.																					3			
13.																								
14.																								
15.																								
16.																								
17.	1																					2	7	
18.																								



NATIVE	A Transferred to Hospital				B New Cases				C Transferred from Hospital & other clinics of treatment				D Undergoing Course II				E Undergoing Course III				F Undergoing Course IV				G Undergoing Course V				H Total Attendances				
	Bor.		O/B		Bor.		O/B		Bor.		O/B		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	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1.	1		2						9	1	19	2	23		3	7	3	1	1	21	1			13		10	13	1		70	21	170	13
2.	1		1				1		26	1	25	4	97		64	25	57	11	18	16	25	3	28				14		297	14	206	67	
3.	1	2	18	21	1	3	2	3	36	18	45	106	102	54	77	150	42	13	22	63	4					1		10	280	166	283	572	
4.	1		5		7	3	9				6	2	23	22	11	5	1	4	1	7									73	55	63	67	
5.		2			11	48	20	21	7	11	32	71	50	157	96	473	41	107	72	345	37	34	35	176	26	31	1	66	318	770	419	279	
6.									1				12		4			5											40		15		
7.	1		1	3	9	6	28	51		1	18	15	16		70	114	11	6	33	99	6	2	39	57	2	13	45	52	115	97	405	722	
8.	1	1	2	3	2	2	6	11	2		16	8	2	12	3	11			14	9		9		4	18	16		16	50	49	23	107	157
9.	4		6	5		1		3	2	1																		33	4	73	28		
10.					1			1																							1	1	
11.								1		1																		1			21	3	
12.																												17			13		
13.																												1			1		
14.																												2					
15.					1																							17			7	1	
16.																															10		
17.		1		1	12	8	11	25	7		5	9																39	32	30	107		
18.																													17	4	36	22	
TOTAL	10	5	35	35	72	77	317	110	34	173	224	325	266	362	771	158	142	178	533	81	39	123	291	69	55	42	179	136	1186	1860	474	4	







## CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1941

	A Transferred to Hospital			B New Cases			C Transferred from Hospital & Other 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				
	O/B			O/B			O/B			O/B			O/B			O/B			O/B			O/B				
	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F		
ASIATIC																										
1.																										
2.																										
3.	1																									
4.																										
5.																										
6.																										
7.																										
8.																										
9.	2																									
10.																										
11.																										
12.																										
13.																										
14.																										
15.																										
16.																										
17.																										
18.																										
TOTAL	3	1	2		7	21		3	4	8	6		1	13	53	1	4	10	1		4		77	185	22	21



## Venereal Disease Continued

## EPIDEMIC (V.D.) HOSPITAL RETURNS

YEAR ENDING 30th JUNE, 1941

NATIVE	A In Hospital last day of precedg. year				B Admitted from Pass Office & Gaol				C Admitted from untary & from V.D.Clinic				D 0-14 Days				E 15-28 Days				F 29-42 Days				G 43-56 Days				H 57 + Days			
	M		F		M		F		M		F		M		F		M		F		M		F		M		F		M		F	
	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B		
1.					10				7	1	41	6	1	19	4		4	5	23	1	1											
2.					2				40		84	1	12	35	3		34	2	75	5	9			2		4						
3.					13				1	14	51	26	19	22	23		30	11	120	146	4											
4.									3	1	11	11	1	3	6			1	8	3												
5.					1				9	2	13	84	4	1	6	43	5	1	13	38	1											
6.									1																							
7.									2		25	42	1	9	23				18	14												
8.									3		81	39	2	1	7	8	1		14	24												
9.					5				22		52	28	10	5	16	22	14		33	7	3											
10.																																
11.									7		17	10	4		16	6	3		1	5	2	1										
12.					5				8		24		4		8		3		10		3											
13.											3				1				1													
14.																																
15.					1				3	1	10	11	1		1	4	3		8	4												
16.									2		2	1							2													
17.					12				7	4	62	87	14	3	60	50	4	1	17	26												
TOTAL	12	3	23	17	59				78	2	476	354	85	13	201	192	101	21	343	273	23	3	41	19	5		9	3	1	1	9	5

Borough		O/Borough	
Male	Female	Male	Female

Borough		O/Borough	
Male	Female	Male	Female

No. of Patients suffering from 2 or more venereal diseases

646

658

40

No. of individuals admitted during year

No. of individuals discharged during year

218

230

651

35

647

16

1

27

9



YEAR ENDING 30th JUNE, 1941

	A In Hospital last day of precdg. year				B Admitted from Pass-Office & Gaol				C Admitted Vol & from V.D. Clinic				D 0-14 Days				E 15-28 Days				F 29-42 Days				G 43-56 Days				H 57 + Days			
	Bor.		O/B		Bor.		O/B		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	M	F	M	F	M	F	M	F	M	F				
COLOURED																																
1.																																
2.	1																															
3.																																
4.																																
5.																																
6.																																
7.																																
8.																																
9.																																
10.																																
11.																																
12.																																
13.																																
14.																																
15.																																
16.																																
17.																																
TOTAL	1		1		1		1		1		1		1		1		1		1		1		1		1		1		1			

	Borough	O/Borough
	Male	Female

No. of Individuals  
admitted during year

16 2 14 3

No. of Individuals  
discharged during year

9 3 6 2

No. of Patients suf-  
fering from 2 or more  
Venereal Diseases

0 0 2 0



## Venereal Disease Continued

## EPIDEMIC (V.D.) HOSPITAL RETURNS

YEAR ENDING 30th JUNE, 1941

	A		B		C		D		E		F		G		H	
	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B
In Hospital last day of precdg. year	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Admitted from Pass Office & Gaol	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B
Admitted Voluntary & from V.D. Clinic	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B
ASIATIC	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1.																
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																
11.																
12.																
13.																
14.																
15.																
16.																
17.																
TOTAL	2				19	3	3	2	13	2	1	4	1	1	1	1

Borough O/Borough  
Male Female Male Female

Borough O/Borough  
Male Female Male Female

No. of individuals admit-



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

YEAR ENDING 30th JUNE, 1941

	S T A G E O F P R E G N A N C Y												
	1 - 3 Months				4 - 6 Months				7 - 9 Months				
	Eur.	Nat.	Col.	As.	Eur.	Nat.	Col.	As.	Eur.	Nat.	Col.	As.	
	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	B/O/B	B/O/B	B/O/B	
No. of Pregnant women submitted to Serological Test.						15	2	1		14	37	1	2
No. of Positive or doubtful Reactors.	1	7		1		5	4	3	7	5	1	1	4
No. of those who had previously received treatment.		1				1	1	2		3	2		
No. undergoing a First course of treatment during pregnancy.		7		1		3	6	9	7	6	1	1	5
No. undergoing a 2nd or 3rd course of treatment during pregnancy.							1	1		6	4		



Venereal Disease ContinuedKEY 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.

VENEREAL DISEASE HOME VISITS BY NATIVE HEALTH ASSISTANTS

Native		Coloured		Asiatic		Total		
M	F	M	F	M	F	M	F	P
350	422	58	87	36	31	444	540	984

DAILY AVERAGE OF IN-PATIENTS AT MUNICIPAL EPIDEMIC HOSPITAL

(Non-European Venereal Diseases)

MALE : 42.4

FEMALE : 29.3

TOTAL : 71.7



ISOLATION HOSPITAL(a) Cases Admitted July 1st 1940 to June 30th 1941

	<u>Borough Cases</u>					<u>Out-of-Borough Cases</u>					<u>Total Cases Borough and Out/Borough</u>
	E	N	C	A	Total	E	N	C	A	Total	
Diphtheria	24	3	2	8	37	21	20	1	2	44	81
Scarlet Fever	31	0	0	0	31	4	0	0	0	4	35
Measles	27	9	0	0	36	0	21	0	0	21	57
Mumps	25	0	0	0	25	2	0	1	0	3	28
Whooping Cough	1	1	0	0	2	2	6	0	0	8	10
Chicken Pox	11	3	0	0	14	0	3	0	0	3	17
Erysipelas	1	0	0	2	3	0	0	0	0	0	3
Meningitis	10	2	0	1	13	0	2	0	1	3	16
German Measles	136	1	0	0	137	4	0	0	0	4	141
Scabies	6	0	0	0	6	0	0	0	0	0	6
Impetigo	0	0	0	0	0	1	0	0	0	1	1
Observation	5	0	0	0	5	2	2	1	0	5	10
<b>TOTAL :</b>	<b>277</b>	<b>19</b>	<b>2</b>	<b>11</b>	<b>309</b>	<b>36</b>	<b>54</b>	<b>3</b>	<b>3</b>	<b>96</b>	<b>405</b>

(b) Average Stay in Hospital per Case:

Diphtheria	:	33 days
Scarlet Fever	:	26 days
Whooping Cough	:	17 days
Measles	:	10 days
German Measles	:	7 days
Chicken Pox	:	13 days
Mumps	:	13 days
Meningitis	:	24 days
Other Diseases	:	9 days

(c) Deaths: 8 Natives, 2 Asiatics.

	<u>Borough Cases</u>					<u>Out-of-Borough Cases</u>					<u>Total Cases Borough and Out/Borough</u>
	E	N	C	A	Total	E	N	C	A	Total	
Diphtheria	0	0	0	1	1	0	6	0	0	6	7
Meningitis	0	0	0	0	0	0	1	0	1	2	2
Measles	0	0	0	0	0	0	1	0	0	1	1
<b>TOTAL :</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>10</b>



INFANT WELFARE1. INFANT CLINICS

	European	Native	Coloured	Asiatic
NEW CASES: Under 1 year	293	248	80	156
Over 1 year	39	21	38	5
<u>OTHER ATTENDANCES</u>				
Under 1 year	3244	1904	1033	1852
Over 1 year	1147	818	519	1049
TOTAL	4723	2991	1670	3112
Number of Register	633	415	218	275
Average Attendance per Person	7.5	7.2	7.7	11.3

2. HOME VISITS

	European	Native	Coloured	Asiatic	Total
Ante-Natal	52	11	175	242	480
First Visits -					
(Notified Births)	461	190	92	368	1111
Re-Visits - 1 year	1344	2189	1377	1742	6652
Re-Visits: 1-6 yrs.	1527	1646	3730	2259	9162
Infectious Disease)					
(Non-T.B.)	182	5	9	22	218
Protected Children	7	0	59	10	76
Confinement Visits	0	39	0	0	39
Infantile Mortality)					
Visits	19	54	8	18	99
Nursing Home Visits	2	0	0	0	2
TOTAL :	3594	4095	5489	4661	17839

3. MILK DISTRIBUTED

	European	Native	Coloured	Asiatic	Total
Fresh - Pints	2765	1596	4133	4726	13220
Dried - lbs.	16	21	2	4	43



FOODSTUFFS1. MILKBacteriological Examination

Samples with less than 30,000 bacteria per c.c.	:	3
" " " between 30,000 and 200,000 bacteria)	:	11
" " " more than 200,000 bacteria per c.c.	:	30
Total	:	<u>42</u>

Samples with B.Coli in 1/100 c.c. or less	:	32
" " B.Coli in 1/10 but not in 1/100 c.c.	:	8
" " no B.Coli in 1/10 c.c.	:	4
Total	:	<u>44</u>

Chemical Examination (by Government Analyst)

Samples with Milk Fat above 4% ...	20
" " " " between 3.5% and 4% ...	8
" " " " 3.0% and 3.5% ...	2
" " " " below 3.0% ..	1
Total	<u>31</u>

Samples with Solids-Not-Fat 8.5% or more ...	10
" " " " " between 8.0% )	
and 8.5% )	19
" " " " " below 8.0%	2
Total	<u>31</u>

2. MEAT

Samples of Sausages conforming to standard	:	16
" " " not " " "	:	1
Total	:	<u>17</u>

Samples of Mince Meat conforming to standard	:	12
" " " " not " " "	:	2
Total	:	<u>14</u>

3. WATERS. (Bacteriological examination).A MUNICIPAL WATER SUPPLY

B.Coli absent in 100 c.c. ...	7
B.Coli absent in 80 c.c.):	
present in 100 c.c. ) ..	3
B.Coli absent in 50 c.c.: ..	4
B.Coli absent in 50 c.c. :)	
present in 40 c.c. ) .	1

Total : 15

## B. Municipal Swimming Baths ...../



Foodstuffs Cont'dMUNICIPAL SWIMMING BATHS

B.Coli absent in 100 c.c. ... .. 1

- B. Results following alteration in method of examination and recording to the method laid down by the Ministry of Health (Publication No. 71, Ministry of Health, London, 1939)

MUNICIPAL WATER SUPPLY

<u>Probable No. of Organisms</u> <u>in 100 c.c.</u>	<u>No. of Samples</u>
0	72
1	4
5	5
8	2
13	1
16	6
25	4
35	2
Total	<u>96</u> Samples

MUNICIPAL SWIMMING BATHS

<u>Probable No. of Organisms</u> <u>in 100 c.c.</u>	<u>No. of Samples</u>
0	31



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	.....	5 trays.
Apples	.....	15 cases; 34
Apple Sauce	.....	1 tin.
Avocado Pears	.....	2 Lots.
Bananas	.....	12 Boxes, 50.
Bacon	.....	6 lbs.
Beans	.....	20 Pockets, 3 tins (2 curried)
Beef	.....	1500 lbs.
Beef (tinned)	.....	7 tins.
Brawn	.....	9 basins.
Beefax	.....	3 tins
Butter	.....	1 lb.
Cheese	.....	40 tins; 13 lbs.
Cabbages	.....	15.
Cauliflower	.....	3 bags.
Duck (Dressed)	....	4
Eggs	.....	16 dozen.
Fowls (Dressed)	...	51
Fowls (Not Dressed)	.....	14
Fowls (Guinea)	....	5
Fish (Soles)	.....	2 cases
Fish	.....	192½ lbs.
Fish (Tinned)	.....	99 Tins. 9 tins Curried Fish.
Grapes	.....	1 box. 3 baskets.
Grape Fruit	.....	2 pockets.
Guavas	.....	2 boxes.
Herrings.	.....	7 Tins; 1 case.
Hares	.....	5
Ham (Cooked)	.....	13 lbs.
Jam	.....	90 tins.
Loquats	.....	1 Tray.
Melons (Water)	....	622
Mangoes	.....	10 Trays.
Mutton	.....	36 lbs.; 5 carcasses.
Oranges	.....	55 Pockets.
Onions	.....	23
Peaches	.....	109 Trays. 1 Tin. 47.
Potatoes	.....	52 Sacks (450 lbs.).
Potatoes (Sweet)	..	1 Sack.
Pawpaws	.....	2 Cases; 11 boxes; 10 trays.
Partridge	.....	2
Pears	.....	44
Pilchards	.....	1 Can.
Pickles	.....	4 tins.
Pork	.....	430 lbs.
Peas	.....	130 pockets.
Quail	.....	8 Brace.
Sausages	.....	9 Tins.
Soup	.....	57 Tins.
Sprats	.....	4
Strawberries	.....	3 trays.
Sweet Corn	.....	1 Tin.
Tamarind	.....	50 lbs.
Tomatoes	.....	36 Trays. 1 Can (tinned).
Turkey	.....	1
Turnips	.....	5 pockets.
Veal	.....	1 Carcase. 43 lbs.
Venison	.....	5 Carcases.
.....	.....	.....



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ABATTOIR1. ANIMALS SLAUGHTERED:

Cattle	:	9,874
Calves	:	827
Sheep	:	49,173
Pigs	:	1,948
Goats	:	436
Total	:	62,258

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS:

Quarters Beef	:	300
Carcases Mutton:		333
Carcases Pork	:	55 ( 2 Condemned)
Ox Livers	:	103
Ox Tongues	:	54

3. INCIDENCE OF CERTAIN DISEASES:

DISEASE	Carcases Examined	Carcases Infected	% Infected	Carcases Condemned	% Con- demned
CATTLE - "Measles" (Cysticercus Bovis)	9,874	698	7.06%	100	1.01%
CALVES - "Measles" (Cysticercus Bovis)	827	32	3.86%	32	3.86%
PIGS - "Measles" (Cysticercus Cellu- losae)	1,948	16	0.82%	16	0.82%
CATTLE - Tuberculosis	9,874	57	0.57%	12	0.12%
CALVES - Tuberculosis	827	0	0	0	0
PIGS - Tuberculosis	1,948	83	4.26%	10	0.51%

4. SUMMARY OF MEAT CONDEMNED:

	Carcases.	approx. Weight.
BEEF ... ..	152	69,026 lbs.
BEEF : Portions of Carcases, Organs, etc. ...	-	131,419 lbs.
VEAL ... ..	49	1,949 lbs.
PORK ... ..	34	4,539 lbs.
PORK : Organs, etc.	-	1,826 lbs.
MUTTON ... ..	126	3,862 lbs.
MUTTON: Organs, etc.	-	68,904 lbs.
Total :		281,525 lbs.



ANNUAL REPORT

1. SUMMARY OF RESULTS

During the year, the following results were achieved:

- 1. The first objective was to establish a permanent laboratory for the study of the effects of radiation on the human body.
- 2. The second objective was to determine the effects of radiation on the human body.
- 3. The third objective was to determine the effects of radiation on the human body.

2. DETAILS OF EXPERIMENTAL WORK

The experimental work was carried out in the following manner:

- 1. The first experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.
- 2. The second experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.
- 3. The third experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.

3. RESULTS OF EXPERIMENTAL WORK

Experiment	1	2	3	4	5
1. The first experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.	1.0	1.0	1.0	1.0	1.0
2. The second experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.	1.0	1.0	1.0	1.0	1.0
3. The third experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.	1.0	1.0	1.0	1.0	1.0
4. The fourth experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.	1.0	1.0	1.0	1.0	1.0
5. The fifth experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.	1.0	1.0	1.0	1.0	1.0

4. SUMMARY OF MAIN CONCLUSIONS

Experiment	1	2	3	4	5
1. The first experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.	1.0	1.0	1.0	1.0	1.0
2. The second experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.	1.0	1.0	1.0	1.0	1.0
3. The third experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.	1.0	1.0	1.0	1.0	1.0
4. The fourth experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.	1.0	1.0	1.0	1.0	1.0
5. The fifth experiment was carried out in the laboratory of the Department of Physics, University of Cambridge.	1.0	1.0	1.0	1.0	1.0



Abattoir cont'd.MEAT CONDEMNED (Approximate Weight)

Statement of Carcases and Meat Found to be affected  
with disease and unfit for human consumption :  
1.7.40 - 30.6.41.

		BOVINES			PIGS			SHEEP AND GOATS		
		Condemned			Condemned			Condemned		
		<u>Carc:</u> <u>Infect</u> <u>-ted</u>	<u>Whole</u> <u>Car-</u> <u>-cases</u>	<u>Port-</u> <u>ions</u> <u>-cases</u> <u>Approx.</u> <u>Weight</u>	<u>Car-</u> <u>cases</u> <u>In-</u> <u>fectd</u>	<u>Whole</u> <u>Car-</u> <u>-cases</u>	<u>Port-</u> <u>ions</u> <u>of Car-</u> <u>cases</u> <u>Approx.</u> <u>Weight</u>	<u>Car-</u> <u>cases</u> <u>Infect</u> <u>-ted.</u>	<u>Whole</u> <u>Car-</u> <u>-cases</u>	<u>Port-</u> <u>ions</u> <u>of Car-</u> <u>-cases</u> <u>Approx.</u> <u>Weight</u>
Actinomycosis.	80	--	3,744	--	--	--	--	--	--	--
Measles.	730	132	89,700	16	16	--	--	--	--	--
Lymphadenitis.	--	--	--	--	--	--	--	65	65	--
Mammitis.	1	1	--	--	--	--	--	--	--	--
Metritis.	1	1	--	--	--	--	--	--	--	--
Pneumonia.	2	2	--	--	--	--	--	6	6	--
Pyæmia.	6	6	--	--	--	--	--	1	1	--
Redwater.	1	1	--	--	--	--	--	--	--	--
Sarcocysts.	1	1	--	1	1	--	--	--	--	--
Septicaemia.	1	1	--	5	5	--	--	1	1	--
Tuberculosis.	57	12	2,055	83	10	1,119	--	--	--	--
Bruising, Fever, ) Decomposition, ) Jaundice, Oedema ) Emaciation, etc. )	44	44	15,385	2	2	207	53	53	204	
Stilesia Hepa- ) tica, Fluke, Cysts, ) O. Columbianum, ) Lymphadenitis, ) Abscesses, etc. )	--	--	20,535	--	--	500	--	--	68,700	



Date		Time		Place		Remarks	
1917	Jan	1	10:00	San Francisco	California	Arrived	
1917	Jan	2	10:00	San Francisco	California	Departed	
1917	Jan	3	10:00	San Francisco	California	Arrived	
1917	Jan	4	10:00	San Francisco	California	Departed	
1917	Jan	5	10:00	San Francisco	California	Arrived	
1917	Jan	6	10:00	San Francisco	California	Departed	
1917	Jan	7	10:00	San Francisco	California	Arrived	
1917	Jan	8	10:00	San Francisco	California	Departed	
1917	Jan	9	10:00	San Francisco	California	Arrived	
1917	Jan	10	10:00	San Francisco	California	Departed	
1917	Jan	11	10:00	San Francisco	California	Arrived	
1917	Jan	12	10:00	San Francisco	California	Departed	
1917	Jan	13	10:00	San Francisco	California	Arrived	
1917	Jan	14	10:00	San Francisco	California	Departed	
1917	Jan	15	10:00	San Francisco	California	Arrived	
1917	Jan	16	10:00	San Francisco	California	Departed	
1917	Jan	17	10:00	San Francisco	California	Arrived	
1917	Jan	18	10:00	San Francisco	California	Departed	
1917	Jan	19	10:00	San Francisco	California	Arrived	
1917	Jan	20	10:00	San Francisco	California	Departed	
1917	Jan	21	10:00	San Francisco	California	Arrived	
1917	Jan	22	10:00	San Francisco	California	Departed	
1917	Jan	23	10:00	San Francisco	California	Arrived	
1917	Jan	24	10:00	San Francisco	California	Departed	
1917	Jan	25	10:00	San Francisco	California	Arrived	
1917	Jan	26	10:00	San Francisco	California	Departed	
1917	Jan	27	10:00	San Francisco	California	Arrived	
1917	Jan	28	10:00	San Francisco	California	Departed	
1917	Jan	29	10:00	San Francisco	California	Arrived	
1917	Jan	30	10:00	San Francisco	California	Departed	
1917	Jan	31	10:00	San Francisco	California	Arrived	



LICENCE APPLICATIONS

(1) Applications dealt with under Dealers (Wholesale and Retail) Act No. 18 of 1897, Section 8, and the Borough By-Laws

1940 - 1941	1	2	3	4	5	6	7	8	9	10	11	12
Applications ) Received )	571	119	22	78	94	8	34	265	29	125	17	246
Applications ) approved with- ) out conditions)	536	107	19	69	77	1	30	260	27	104	17	243
Applications ) approved Subj ) to conditions ) since carried ) out )	34	12	2	9	17	0	3	4	2	21	0	3
Applications ) not in order )		0	1	0	0	0	1	1	0	0	0	0
Applications ) withdrawn )	1	0	0	0	0	0	0	0	0	0	0	0
Applications in ) abeyance )	0	0	0	0	0	0	0	0	0	0	0	0

KEY TO ABOVE TABLE:-

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

(2) Applications dealt with under Urban Area Act.

Applications received .. .. .	19
Applications returned "Not in Order" .. ..	1
Applications approved for Temporary Licence .	11
Applications approved subject to certain Conditions. .. ..	7



S A N I T A T I O N

Total of Inspections (General) carried out ...	10,724
Total of Inspections by Rodent and Fumigation) Officer )	2,066
Total of Notices and Letters served re Con- travention of By-Laws )	820

.....

INSPECTION (GENERAL) GIVEN IN DETAIL 1.7.40 to 30.6.41

1. Public Markets .....	301
2. Butchers' Shops .....	102
3. Dealers and General Dealers (Food) .....	448
4. Dealers and General Dealers (No Food) .....	153
5. Fish and Poultry Shops .....	12
6. Bakers' Shops (without Bakehouses) .....	2
7. Bakehouses .....	21
8. Milkshops (Purveyors of Milk) .....	8
9. Ice Cream (Purveyors and Manufacturers of) .....	0
10. Tea Shops, Cafes, Restaurants & Eating Houses .....	145
11. Residential Hotels, Boarding Houses .....	54
12. Aerated Water Manufacturers .....	2
13. Other Places where Food is Manufactured .....	3
14. Hawkers Premises .....	0
15. Hawkers' Carts .....	0
16. Butchers' Carts and Carriers .....	11
17. Milk Delivery Carts .....	76
18. Bakers' Carts .....	4
19. Ice Cream Carts .....	0
20. Theatres and Bioscopes .....	7
21. Common Lodging Houses .....	3
22. Barracks .....	80
23. Other House Inspections .....	205
24. Hairdressers .....	25
25. Laundries .....	43
26. Factories and Workshops .....	46
27. Courts, Lanes and Alleys .....	2
28. Open Ground .....	647
29. Piggeries .....	0
30. Horse Stables .....	34
31. Dairy Stables and Dairies .....	240
32. Cattle Dealers' premises .....	0
33. Visits in Connection with Infectious Disease .....	131
34. Standing Water, Catchpits, re Mosquitoes etc. ....	202
35. Undrained premises .....	0
36. Public Sanitary Conveniences .....	580
37. Refuse Tips .....	38
38. Other Visits .....	3105
39. Structural Defects in Premises .....	0

C/Forward : 6730



Sanitation Cont'd

B/Forward ..... 6730

Inspection by Rodent and Fumigation  
Officer

46. Rodent Inspections .....	67	
47. Premises fumigated for)		
Vermin )	1085	
48. Disinfections .....	90	
49. Disinfection of Bedding)		
and Clothing )	125	
50. Other Inspections by )		
Rodent Officer)	699	2066

REPORTS FOR TRANSMISSION TO CITYENGINEER AND OTHER DEPARTMENTS.(1) City Engineer's Department

40. Stopped Drains .....	3	
41. Defective Water Fittings ...	0	
42. Other Defects .....	86	
43. Unauthorised structures ....	0	
44. Sites, etc., re plans .....	388	477

(2) Municipal Native Administration  
Department

45. Inspection of Premises under)		
Urban Areas Act. )	80	80

(3) Licensing Department

51. Inspection of Premises re )		
Licence Applications. )		1371

Total : 10,724



PROSECUTIONS

<u>Under By-Law or Act</u>	<u>Charge</u>	<u>Magistrate's Verdict</u>	<u>Penalty</u>
Public Health By-Laws 1,2,18(a),18(b).	Insufficient provision of surface drainage.	Guilty	Fined £10. or 1 mth I.H.L. suspended subject to require ments being carried out.
Food, Drugs & Disinfectants Act No. 13/1929. Sect. 14(4) Regulations.	Preservative in Mince Meat.	Guilty.	Fined £1.
Dairy By-Law 12(a)	No Name and Address on milk delivery cycles.	Guilty.	Fined 10/-
Public Health By-Law 27(2)	Lack of drainage for stables.	Guilty.	Reprimanded and discharged.
Public Health Act 36/1919. Sect. 133(4)	Practising midwifery without being listed.	Guilty.	Fined £1.
Public Health Act 36/1919. Sect. 133(4) as amended by Act 15/28, Sect. 18. & Act 57/35 Sect. 11.	Practising (for gain) midwifery without being listed.	Guilty.	Fined £5. or 1 mth £3. or 14 days susp for 12 mths. on good behaviour.
P. Health Act 36/1919 Sect. 133(4); amended by Act 15/28, Sect. 18. & Act 57/35 Section 11.	Practising midwifery without being listed.	Guilty.	Fined £3.
Dairy By-Laws 1(b), (j), (1); 12(a)(i), 12(d)(ii).	Sale of milk from unlicensed premises. Name and address not on bottles or bicycle.	Guilty.	Fined £2. on count 1 " £1. " " 2.
Regulations Regarding Persons Practising Midwifery, Sect. 10. Govt. Notice 764 of 13.5.38	Internal examination by uncertificated midwife.	Guilty.	Fined £15. or 6 wks of which £10. or 4 wks. suspended for 6 months on good behaviour.
By-Laws relating to Preparation, Storage & Sale of Foodstuffs. Section III. (6).	Wearing of dirty apparel by bakery employees.	Guilty.	Fined £2.
Public Health By-laws 1 and 2.	Insanitary surface drain.	Guilty.	Reprimanded and discharged.
Dairy By-Laws 8(c) and 12(b).	Transfer of milk from one container to another on public road.	Guilty.	Cautioned and discharged.
Public Health Act 36/1919. Sect. 122(b).	Unsatisfactory disposal of waste and stormwaters.	Charge withdrawn by Public Prosecutor.	
Regulations for Prevention of Malaria & Other Mosquito-borne Diseases &c. Sects. 2 & 4.	Depressions in brickyards holding water in which mosquitoes breeding.	Guilty.	Sentence postponed for 6 mths. on condition steps taken to repair property.



Under By-Law or Act.	Charge	Magistrate's Verdict.	Penalty.
Dairy By-Laws 1(j), (k), (l) & 9(b).	Introduction into Boro of milk from unlicensed premises. Native employee not in possession of badge & wearing dirty clothing.	Guilty.	Fined 10/-.
Dairy By-Laws 1(j), (k), (l), and 12(a)(i).	Introduction into Boro of milk from unlicensed premises. Name & address not on milk delivery vehicle, etc.	Guilty.	Fined 10/- on each of 2 counts.
Food, Drugs & D. Act 13/1929. Sect. 5(2) Regulations.	Excess Sulphur Dioxide in sausages.	Guilty.	Fined £1.10.0.
Dairy By-Law 20(a)(4).	Unclean milk - high bacterial count.	Guilty.	Fined £1.
Dairy By-Laws 19(a), 20(a)(4)	No name, address or grade of milk marked on milk can. High bacterial count.	Guilty.	Fined £3. or 3 wks. I.H.L.
Public Health By-Laws 25 & 29.	Keeping of sheep and goats without permission, etc.	Guilty.	Fined £2. or 3 wks. I.H.L.
Dairy By-Laws 1 (h.j.k.), 8(b), 9(b), 12(a)(i.ii), 12(b), 12(d)(i) & (ii).	Sale of milk from unregis- tered premises. Unsuitable clothing. No badge carried. Name & address not on milk delivery cycle, cans or bottle.	Not Guilty.	Discharged.
Public Health By- Laws 25 & 29.	Keeping of goats without permission of Council.	Guilty.	Fined £2. or 2 wks. I.H.L.
Dairy By-Laws 1 (b.j.k.), 12(a)(i), (ii), 12(d)(i)(ii).	Sale of milk from unlicen- sed premises: No badge carried. Name & address not on delivery cycle. No con- tainer on cycle. Name & address of dairyman and desig- nation of grade of milk not on milk can.	Not Guilty.	Discharged.
Dairy By-Law 19(a) and 20(a)(4).	Unclean milk. Name and address of dairyman not on milk can.	Not Guilty.	Discharged.
Abattoir By-Law 64.	Introduction of meat into Borough without approval of Municipal Abattoir.	Guilty.	Cautioned.
Dairy By-Laws 19(a), 20(a)(4).	Unclean milk - high bact- erial count. Address of dairy- man & designation of milk not shown on milk can.	Guilty.	Fined £3. on 1st count. " £1. on 2nd count.
Dairy By-Law 20(a)(4).	Unclean milk - high bacterial count.	Guilty.	Fined £1.
Dairy By-Law 20(a)(4).	Unclean milk - high bacterial count.	Guilty.	Fined £5.



Under By-Law of Act.	Charge	Magis- trate's Verdict	Penalty.
Food, Drugs & Disinfectants Act 13/1929, Sect.14(4) Regulations.	Prohibited preservative in mince meat.	Guilty.	Fined £2.
Dairy By-Law 20(a)(4)	Unclean milk - high bacterial count.	Guilty.	Fined £1.
Public Health By-Laws 1 and 3.	Dirty surface drains. Accumulation of junk.	Guilty.	Fined 10/- on each of 2 counts.
Dairy By-Laws 9(b), 12(a)(ii), d(i)(ii), 19(a), 1 (j.k.)	Pouring milk from one container to another. Grade of milk & address of dairyman not inscribed on bottles, etc.; no badge carried, unsatisfactory clothing, etc.	Guilty.	Fined £4.
Public Health By-Laws 18(a) & Food-stuffs By-Law Sect. I.(2).	1. Insanitary/defective premises. 2. No sink in kitchen.	Guilty. Count 1. Cautione and discharged Not guilty Count 2.	
Public Health By-Laws 1 and 2.	Defective W.C.cisterns.	Guilty.	Fined £3. or 3 wk (£2. or 2 wks. susp. provided wc done within 1 wk
Food, Drugs & D. Act 13/1929. Sect. 7(1) Regulations.	Adulterated milk.	Guilty.	Fined £2.
Dairy By-Law 28(4)	Storage of milk not in accordance with by-law.	Guilty.	Fined £1.
Public Health By-Laws 1, 2, 18(c), 26 & Sect. 5 Govt. Rodent reglns.	Insanitary condition of premises. Lack of rat-proofing of store.	Guilty (4 counts)	Fined £3. or 2 w I.H.L. on each count (£12). sus for 1 mth. on co dition that re- quirements be complied with.
Dairy By-Law 12(b)	Transferring milk from one container to another in the street.	Guilty.	Fined £1.
Food, Drugs & D. Act 13/1929, Sect. 17(3), & Sect. 7(1) Regulations.	Adulteration of milk.	Guilty.	Fined £4.
Dairy By-Laws 1(j.k.), 8(c)(e), 9(b), 11 and 12(a)(ii).	Dirty milk cans; unsuitable clothing; no badge; no protection of milk from sun or contamination; dirty carrier.	Guilty (4 counts)	Fined £2.



Prosecutions cont'd.

<u>Under By-Law or Act.</u>	<u>Charge</u>	<u>Magistrate's Verdict</u>	<u>Penalty</u>
Public Health Act 36/1919. Sect. 133(4).	Practising midwifery without being listed.	Guilty.	Fined 10/-
Public Health Act 36/1919. Sect. 69(f) V.D.Reglns.	Absconding from Epidemic Hospital.	Guilty.	Fined £1. or 14 days I.H.L. suspen- ded for 3 mths, subject to good be- haviour and return for treatment.
Public Health Act 36/1919. Sect. 69(f) V.D.Regula- tions.	Absconding from Epidemic Hospital.	Guilty.	Fined £3. or 1 mth. imprisonment.
Public Health Act 36/1919. Sect. 69(f) V.D.Regula- tions.	1. Absconding from Epidemic Hospital. 2. Theft of hospital property.	Guilty.	C.1. 1 month impris- onment. C.2. Fined £1. or 14 days imprison- ment.
Public Health Act 36/1919. Sect. 69(f) V.D.Regula- tions.	Absconding from Epidemic Hospital.	Guilty.	7 days imprisonment and fined £3. or 1 mth. subject to good behaviour and return to hospital for treatment.
Public Health Act 36/1919. Sect. 69(f) V.D. Regu- lations.	Absconding from Epidemic Hospital.	Guilty.	3 weeks imprison- ment & to report back to hospital after serving sentence, for treatment until dis- charged.



CONDEMNED PREMISESRooms and Buildings Condemned and/or Demolished

(a) <u>Under Public Health By-Law No.19(a): (Closing Order):</u>	Nil
(b) <u>Under Public Health By-Law No.19(b) : (Demolition):</u>	
37 Premises .....	37
(c) <u>Under Slums Act : (Reduction of over-crowding and separation of sexes)</u>	
4 Brick Buildings .....	4
(d) <u>Voluntary Demolitions :</u>	
22 Premises .....	22
Total :	<u>63</u>







