

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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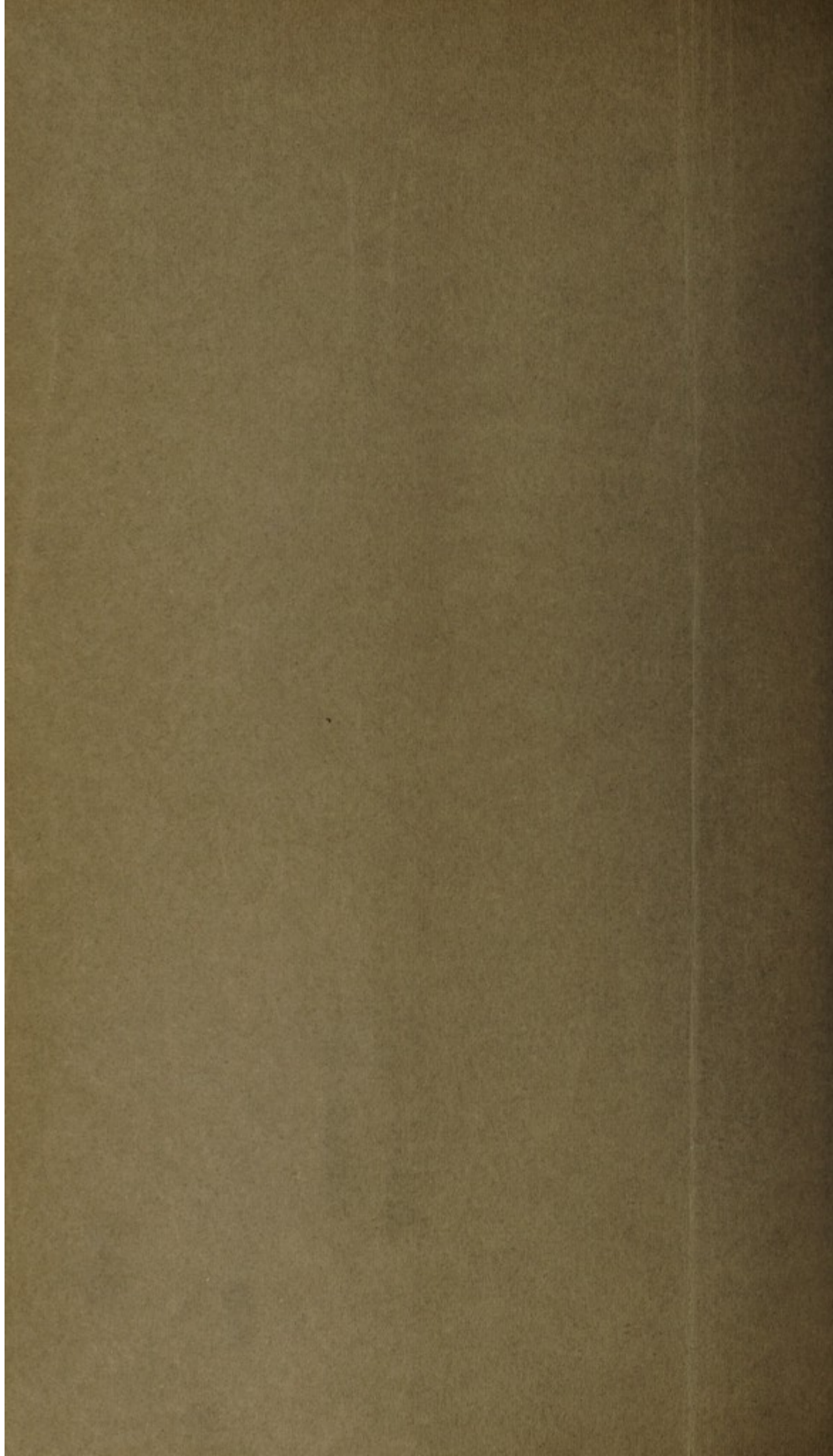
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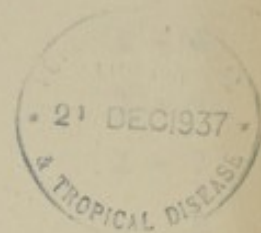


CITY AND BOROUGH OF PIETERMARITZBURG.

ANNUAL REPORT
OF THE
**MEDICAL OFFICER OF
HEALTH**

For the Twelve Months
1st JULY, 1936 to 30th JUNE, 1937





CITY AND BOROUGH OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT

PIETERMARITZBURG

REPORT OF THE MEDICAL OFFICER OF
HEALTH ON THE PUBLIC HEALTH AND
SANITARY CIRCUMSTANCES OF THE CITY
AND BOROUGH OF PIETERMARITZBURG
FOR THE YEAR ENDING JUNE 30th, 1937.

BY

B. MAULE CLARK, M.R.C.P., D.P.H., M.R.C.S..

MEDICAL OFFICER OF HEALTH.

CITY AND BOARD OF HEALTH

PUBLIC HEALTH DEPARTMENT

REPORT

REPORT OF THE BOARD OF HEALTH

HEALTH OF THE PUBLIC HEALTH

SANITARY CONDITIONS OF THE CITY

AND BOARD OF PUBLIC HEALTH

FOR THE YEAR ENDING 1900

REPORT OF THE BOARD OF HEALTH

HEALTH OF THE PUBLIC HEALTH

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INTRODUCTORYCITY AND BOROUGH OF PIETERMARITZBURGPUBLIC HEALTH DEPARTMENT

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

Ladies 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, 1937.

In general the health of the borough has been very satisfactory and infectious disease rates have been low. The only infectious disease which has been unduly prevalent is tuberculosis in its various forms, and this is engaging the active attention of the department. Unfortunately the same satisfactory state of affairs cannot be said to exist in regard to housing - there is a serious shortage of hygienic housing accommodation for the poor of all races. Very little has been accomplished in the way of improving slum conditions and certain areas remain a menace to the community.

It is a pleasure to be able to record that the routine work of the department has been maintained at a high level throughout and my thanks are due to all members of my staff for their willing and enthusiastic co-operation in maintaining this high standard of efficiency. To the clerical staff particularly I wish to record my sincere thanks for the tireless manner in which they have worked under high pressure and frequently long beyond office hours in their endeavour to deal with the constantly increasing work of the department.

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.

I have the honour to be,
Ladies & Gentlemen,
Your obedient servant,

B. MAULE CLARK.

MEDICAL OFFICER OF HEALTH

CITY AND BOROUGH OF PITTSBURGH

PUBLIC HEALTH DEPARTMENT

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

Ladies and Gentlemen,

I have the honor to present the Annual Report
on the Health and Sanitary Conditions of the City and Borough
of Pittsburgh for the year ended 30th June, 1937.

In general the health of the borough has been
very satisfactory and infectious disease rates have been low.
The only infectious disease which has been widely prevalent is
tuberculosis in its various forms, and this is engaging the active
attention of the department. Unfortunately the same satisfactory
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the Chairman and members of the Public Health Committee.

I have the honor to be,
Ladies & Gentlemen,
Your obedient servant,

D. HARRIS CLARK.

MEDICAL OFFICER OF HEALTH

CLIMATE AND RATEABLE VALUE

Latitude - 29 degrees, 36 minutes, 4 seconds south.
Longitude - 30 " , 22 " , 46 " east.
Altitude - At Market Square : 2160 feet.

TEMPERATURE AND RAINFALL

	<u>RAINFALL</u> in INCHES	<u>ATMOSPHERIC TEMPERATURE</u>		<u>RELATIVE HUMIDITY</u> Av. Daily Percentage
		Average Daily Maximum	Average Daily Minimum	
1936.				
July.	0.39	72.4	41.0	77%
August.	0.14	78.0	45.0	55%
September.	1.45	76.3	50.0	61%
October.	2.33	76.2	53.7	66%
November.	9.82	75.2	57.4	72%
December.	2.18	77.0	60.8	64%
1937.				
January.	3.94	80.7	61.5	65%
February.	3.65	86.7	65.7	63%
March.	3.145	83.3	60.7	67%
April.	0.575	80.1	55.0	67%
May.	0.12	81.3	49.4	67%
June.	0.52	75.0	42.5	69%
Total : 28.26				

The rainfall was unevenly distributed - heavy rains in the early part of the summer were followed by very dry conditions later on.

AREA OF MUNICIPALITY: 27,591 acres.

Value of Rateable Property : £6,390,957. 0. 0.

Exempted Property ... : £2,336,490. 0. 0.

RATES : General - 3¹/₂d
 Water - 15¹/₁₆d.

POPULATION:.... /

CLIMATE AND RAINFALL VALUE

Latitude - 29 degrees, 35 minutes, 4 seconds south
 Longitude - 30 " " 38 " " 45 " " east
 Altitude - At Market Square : 2160 feet.

TEMPERATURE AND RAINFALL

MONTH	ATMOSPHERIC TEMPERATURE		RAINFALL IN INCHES
	Average Daily Maximum	Average Daily Minimum	
JAN.	72.4	41.0	0.39
FEB.	73.0	43.0	0.14
MARCH	76.3	50.0	1.45
APRIL	76.8	53.7	2.33
MAY	76.2	57.4	2.82
JUNE	77.0	60.8	2.12
JULY	80.7	61.6	3.64
AUG.	82.7	62.7	3.83
SEP.	83.3	60.7	3.45
OCT.	80.1	55.0	0.87
NOV.	81.3	48.4	0.12
DEC.	73.0	43.8	0.83
Total :			28.26

The rainfall was unevenly distributed - heavy
 rains in the early part of the summer were
 followed by very dry conditions later on.

AREA OF MUNICIPALITY. 27,681 acres.

Value of Taxable Property : \$5,300,000.00
 Exempted Property : \$2,225,000.00

RATES : General - 2.50
 Water - 1.00
 Sewer - 1.00

POPULATION.....

(1) VITAL STATISTICS.POPULATION.

This is based on the Government Census of 1936, corrected for births and deaths up to 31.12.36. The inmates of the Mental Hospital, Fort Napier Mental Institution, the prisoners in the Gaol and the non-Europeans in the South African Railways Compound are excluded.

	<u>EUR:</u>	<u>NAT:</u>	<u>COL:</u>	<u>AS:</u>	<u>ALL NON-EUR:</u>	<u>ALL RACES.</u>
MALE	9739	8521	1074	4455	14050	23789
FEMALE	11281	3638	1154	4112	8904	20185
PERSONS.	21020	12159	2228	8567	22954	43974

These figures show a decrease of approximately 1000 in the Native population as compared with last year's report. This is due to the fact that the Natives in the Gaol and South African Railways Compound were previously included in the population.

(1) VITAL STATISTICSPOPULATION

This is based on the Government Census of 1936, corrected for births and deaths up to 31.12.36. The inmates of the Mental Hospital, Fort Napier Mental Institution, the prisoners in the Gaol and the non-European in the South African Railway Compound are excluded.

	WHITE	NAT:	COL:	ASI:	ALL NON-WHITE	ALL RACE
MALE	10,739	8,821	1,074	4,433	14,030	23,789
FEMALE	11,281	3,638	1,104	4,112	8,854	20,135
PERSONS	21,020	12,459	2,228	8,545	22,884	43,924

These figures show a decrease of approximately 1,000 in the Native population as compared with last year's report. This is due to the fact that the Natives in the Gaol and South African Railway Compound were previously included in the population.

CITY AND BOROUGH OF PIETERMARITZBURG

LEADING VITAL STATISTICS

YEAR ENDING JUNE, 30th 1937

	EUROPEAN	NATIVE	COLOURED	INDIAN	ALL NON-EUROPEAN	ALL RACES
* POPULATION	21020	12159	2228	8567	22954	43974
BIRTHS REGISTERED	372	198	101	258	557	929
BIRTH RATE	17.69	16.23	45.33	30.11	24.26	21.12
ILLEGITIMATE BIRTHS	7	102	31	5	138	145
(Percentage of Total Births)	1.88	51.52	36.93	1.94	24.78	15.61
DEATHS	180	173	42	122	337	517
DEATH RATE (crude)	8.56	14.22	18.85	14.24	14.68	11.75
standardised by 1931 cen.	7.96					
INFANTILE MORTALITY						
Deaths.	14	60	7	26	93	107
Rate.	37.63	303.03	69.3	100.77	184.92	115.18
PULMONARY TUBERCULOSIS. Deaths.	4	18	7	17	42	46
Rate (per 1000 Population).	0.19	1.48	3.14	1.98	1.83	1.05
TUBERCULOSIS OTHER FORMS						
Deaths.	1	4	0	3	7	8
Rate (Per 1000 Population)	0.05	0.33	0.00	0.35	0.30	0.18
DISEASES OF HEART & CIRCULATORY SYSTEM						
Deaths.	43	12	8	24	44	87
Rate (Per 1000 Population)	2.05	0.99	3.59	2.80	1.92	1.98
PNEUMONIA AND BRONCHITIS						
Deaths.	19	28	5	25	58	77
Rate (Per 1000 Population)	0.90	2.30	2.24	2.92	2.53	1.75
CANCER						
Deaths.	22	3	1	1	5	27
Rate (Per 1000 Population).	1.05	0.25	0.45	0.12	0.22	0.61
ENTERIC FEVER						
Deaths.	0	0	1	0	1	1
Rates (Per 1000 Population).	0.00	0.00	0.45	0.00	0.04	0.02

MATERNAL/

	EUROPEAN	NATIVE	COLOURED	INDIAN	ALL NON-EUROPEAN	ALL RACES
<u>MATERNAL MORTALITY</u> .Deaths. Rates (Per 1000 live births).	1 2.69	2 10.10	1 9.90	3 11.63	6 10.76	7 7.53

xx The POPULATION IS BASED ON THE GOVERNMENT CENSUS FOR 1936, BUT EXCLUDES THE INMATES OF THE MENTAL HOSPITAL AND FORT NAPIER MENTAL INSTITUTION, ALSO THE PRISONERS IN THE CENTRAL GAOL AND THE NATIVES IN THE S.A. RAILWAY COMPOUND. IT IS CORRECTED FOR BIRTHS AND DEATHS UP TO 31.12.'36.
BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.

TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE.

	EUROPEAN	NATIVE	COLOURED	INDIAN	ALL NON-EUROPEAN	ALL RACES
<u>ENTERIC FEVER</u>	3	8	1	6	15	18
<u>ENTERIC FEVER</u> (Im- ported)	1	0	0	1	1	2
<u>PULMONARY TUBER- CULOSIS</u>	8	40	8	20	68	76
<u>TUBERCULOSIS - (OTHER FORMS)</u>	2	8	0	5	13	15
<u>SCARLET FEVER</u>	32	0	0	0	0	32
<u>DIPHTHERIA</u>	16	3	0	2	5	21
<u>TYPHUS FEVER</u>	1	0	0	1	1	2
<u>TRACHOMA</u>	0	0	0	2	2	2
<u>GONOCOCCAL OPHTHALMIA</u>	2	3	1	1	5	7
<u>OPHTHALMIA NEONATORUM</u>	1	2	0	0	2	3
<u>ERYSIPELAS</u>	1	0	0	0	0	1
<u>LEPROSY</u>	1	1	0	0	1	2
<u>CEREBRO SPINAL- MENINGITIS</u>	1	1	0	1	2	3
<u>MALARIA</u>	1	2	0	0	2	3
	70	68	10	39	117	187

xx 3 CASES OF MALARIA NOTIFIED, ALL WERE INFECTED OUTSIDE THE BOROUGH, TWO IN ZULULAND AND ONE IN THE TRANSVAAL.

(INCIDENCE per 1000 POPULATION)

	EUROPEAN	NATIVE	COLOURED	INDIAN	ALL NON-EUROPEAN	ALL RACES
<u>ENTERIC FEVER</u> (Excluding import- ed cases).	0.14	0.66	0.45	0.70	0.65	0.41
<u>PULMONARY TUBER- CULOSIS</u>	0.38	3.29	3.59	2.33	2.96	1.73
<u>T.B. OTHER FORMS</u>	0.10	0.66	0.00	0.53	0.57	0.34
<u>SCARLET FEVER</u>	1.52	0.00	0.00	0.00	0.00	0.73
<u>DIPHTHERIA</u>	0.76	0.25	0.00	0.23	0.22	0.48
<u>TYPHUS FEVER</u>	0.05	0.00	0.00	0.12	0.04	0.05

B I R T H STOTAL BIRTHS REGISTERED

(1) RESIDENTS

	<u>MALE</u>		<u>FEMALE</u>		<u>PERSONS</u>			Percentage of Illeg. to all Births	Births Rate per 1000 Population
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total		
European	183	3	182	4	365	7	372	1.88	17.69
Native	51	56	45	46	96	102	198	51.52	16.28
Coloured	45	9	25	22	70	31	101	36.93	45.33
Asiatic	128	2	125	3	253	5	258	1.94	30.11
All Non-Eur:	224	67	195	71	419	138	557	24.78	24.26
All Races :	407	70	377	75	784	145	929	15.61	21.12

(2) Non- RESIDENTS

	<u>MALE</u>		<u>FEMALE</u>		<u>PERSONS</u>			Percentage of Illegitimate to all Births.
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total	
European	91	4	110	2	201	6	207	2.9
Native	92	85	82	69	174	154	328	46.9
Coloured	8	4	14	5	22	9	31	29.03
Asiatic	65	1	62	0	127	1	128	.78
All Non-Eur:	165	90	158	74	323	164	487	33.6
All Races	256	94	268	76	524	170	694	24.4

D E A T H STOTAL DEATHS REGISTERED

(1) RESIDENTS

	<u>MALE</u>		<u>FEMALE</u>		<u>PERSONS</u>	
	Deaths	Death Rate	Deaths	Death Rate	Deaths	Death Rate
European	101	4.8	79	3.76	180	8.56
Native	98	8.06	75	6.16	173	14.22
Coloured	23	10.3	19	8.5	42	18.85
Asiatic	69	8.05	53	6.19	122	14.24
All Non-Eur:	190	8.28	147	6.4	337	14.68
All Races	291	6.6	226	5.15	517	11.75

(2) NON- RESIDENTS

	<u>MALE</u>	<u>FEMALE</u>	<u>PERSONS</u>
European	80	42	122
Native	218	139	357
Coloured	9	5	14
Asiatic	18	40	58
All Non-European	245	184	429
All Races	325	226	551

TOTAL NUMBER REGISTERED

Age	MALE		FEMALE		Persons		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Under 15	123	1.82	142	2.15	265	3.97	388	5.82
15-20	41	0.61	48	0.72	89	1.33	129	1.94
20-25	11	0.17	22	0.33	33	0.50	45	0.67
25-30	12	0.18	13	0.20	25	0.38	35	0.52
30-35	12	0.18	13	0.20	25	0.38	35	0.52
35-40	12	0.18	13	0.20	25	0.38	35	0.52
40-45	12	0.18	13	0.20	25	0.38	35	0.52
45-50	12	0.18	13	0.20	25	0.38	35	0.52
50-55	12	0.18	13	0.20	25	0.38	35	0.52
55-60	12	0.18	13	0.20	25	0.38	35	0.52
60-65	12	0.18	13	0.20	25	0.38	35	0.52
65-70	12	0.18	13	0.20	25	0.38	35	0.52
70-75	12	0.18	13	0.20	25	0.38	35	0.52
75-80	12	0.18	13	0.20	25	0.38	35	0.52
80-85	12	0.18	13	0.20	25	0.38	35	0.52
85-90	12	0.18	13	0.20	25	0.38	35	0.52
90-95	12	0.18	13	0.20	25	0.38	35	0.52
95-100	12	0.18	13	0.20	25	0.38	35	0.52
Total	123	1.82	142	2.15	265	3.97	388	5.82

Age	MALE		FEMALE		Persons		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Under 15	123	1.82	142	2.15	265	3.97	388	5.82
15-20	41	0.61	48	0.72	89	1.33	129	1.94
20-25	11	0.17	22	0.33	33	0.50	45	0.67
25-30	12	0.18	13	0.20	25	0.38	35	0.52
30-35	12	0.18	13	0.20	25	0.38	35	0.52
35-40	12	0.18	13	0.20	25	0.38	35	0.52
40-45	12	0.18	13	0.20	25	0.38	35	0.52
45-50	12	0.18	13	0.20	25	0.38	35	0.52
50-55	12	0.18	13	0.20	25	0.38	35	0.52
55-60	12	0.18	13	0.20	25	0.38	35	0.52
60-65	12	0.18	13	0.20	25	0.38	35	0.52
65-70	12	0.18	13	0.20	25	0.38	35	0.52
70-75	12	0.18	13	0.20	25	0.38	35	0.52
75-80	12	0.18	13	0.20	25	0.38	35	0.52
80-85	12	0.18	13	0.20	25	0.38	35	0.52
85-90	12	0.18	13	0.20	25	0.38	35	0.52
90-95	12	0.18	13	0.20	25	0.38	35	0.52
95-100	12	0.18	13	0.20	25	0.38	35	0.52
Total	123	1.82	142	2.15	265	3.97	388	5.82

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20-25	11	0.17	22	0.33	33	0.50	45	0.67
25-30	12	0.18	13	0.20	25	0.38	35	0.52
30-35	12	0.18	13	0.20	25	0.38	35	0.52
35-40	12	0.18	13	0.20	25	0.38	35	0.52
40-45	12	0.18	13	0.20	25	0.38	35	0.52
45-50	12	0.18	13	0.20	25	0.38	35	0.52
50-55	12	0.18	13	0.20	25	0.38	35	0.52
55-60	12	0.18	13	0.20	25	0.38	35	0.52
60-65	12	0.18	13	0.20	25	0.38	35	0.52
65-70	12	0.18	13	0.20	25	0.38	35	0.52
70-75	12	0.18	13	0.20	25	0.38	35	0.52
75-80	12	0.18	13	0.20	25	0.38	35	0.52
80-85	12	0.18	13	0.20	25	0.38	35	0.52
85-90	12	0.18	13	0.20	25	0.38	35	0.52
90-95	12	0.18	13	0.20	25	0.38	35	0.52
95-100	12	0.18	13	0.20	25	0.38	35	0.52
Total	123	1.82	142	2.15	265	3.97	388	5.82

SEASONAL OCCURRENCE OF DEATHS

AMONG RESIDENTS

	European			Native			Coloured			Asiatic			All N-Eur:		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	9	9	18	6	4	10	3	2	5	11	2	13	20	8	28
August	6	14	20	6	10	16	2	2	4	7	7	14	15	19	34
September	11	4	15	6	8	14	1	2	3	9	5	14	16	15	31
October	9	8	17	10	5	15	1	1	2	8	9	17	19	15	34
November	9	11	20	10	8	18	1	2	3	6	7	13	17	17	34
December	8	3	11	7	7	14	1	0	1	7	6	13	15	13	28
January	4	3	7	8	10	18	2	0	2	2	1	3	12	11	23
February	9	10	19	11	2	13	3	1	4	3	3	6	17	6	23
March	7	4	11	8	4	12	1	2	3	5	4	9	14	10	24
April	10	4	14	7	5	12	3	2	5	3	4	7	13	11	24
May	7	5	12	8	6	14	1	2	3	3	4	7	12	12	24
June	12	4	16	11	6	17	4	3	7	5	1	6	20	10	30
TOTAL :	101	79	180	98	75	173	23	19	42	69	53	122	190	147	337

DEATHS OF RESIDENTS GIVEN IN AGE GROUPS

	European			Native			Coloured			Asiatic			All N-Eur:		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	9	5	14	31	29	60	3	4	7	15	11	26	49	44	93
1 year	2	1	3	11	13	24	1	-	1	5	5	10	17	18	35
2-4 years	1	1	2	8	3	11	1	1	2	1	6	7	10	10	20
5-14 "	1	3	4	4	4	8	-	-	0	2	3	5	6	7	13
15-24 "	3	3	6	6	3	9	3	2	5	10	13	23	19	18	37
25-34 "	4	1	5	8	9	17	3	1	4	4	1	5	15	11	26
35-44 "	4	4	8	15	3	18	3	1	4	5	3	8	23	7	30
45-54 "	19	7	26	6	2	8	-	1	1	8	2	10	14	5	19
55-64 "	16	8	24	6	4	10	6	3	9	6	4	10	18	11	29
65-74 "	17	26	43	2	4	6	-	1	1	9	5	14	11	10	21
75-84 "	20	16	36	-	-	0	2	3	5	3	-	3	5	3	8
85 & Over	5	4	9	1	1	2	1	2	3	1	-	1	3	3	6
TOTAL :	101	79	180	99	75	173	23	19	42	69	53	122	190	147	337

REPORT ON THE RESULTS OF THE CENSUS OF 1901

1901

Age	European			Native			Coloured			Asiatic			All N-Em		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
18	18	4	18	11	6	19	3	4	7	8	1	8	10	30	10
19	18	7	12	8	6	14	2	1	3	3	4	7	11	18	26
20	10	4	14	7	6	13	2	2	4	2	4	6	10	17	24
21	9	3	13	6	5	11	2	2	3	2	3	5	9	15	21
22	8	3	11	5	4	10	2	2	3	2	3	4	8	14	20
23	7	3	10	4	3	9	2	2	3	2	3	4	7	13	19
24	6	2	9	3	2	8	2	2	3	2	3	4	6	12	18
25	5	2	8	2	2	7	2	2	3	2	3	4	5	11	17
26	4	2	7	2	2	6	2	2	3	2	3	4	4	10	16
27	3	2	6	2	2	5	2	2	3	2	3	4	3	9	15
28	3	2	5	2	2	4	2	2	3	2	3	4	3	8	14
29	2	2	4	2	2	3	2	2	3	2	3	4	2	7	13
30	2	2	3	2	2	2	2	2	3	2	3	4	2	6	12
31	2	2	2	2	2	1	2	2	3	2	3	4	2	5	11
32	2	2	1	2	2	1	2	2	3	2	3	4	2	4	10
33	2	2	1	2	2	1	2	2	3	2	3	4	2	3	9
34	2	2	1	2	2	1	2	2	3	2	3	4	2	3	8
35	2	2	1	2	2	1	2	2	3	2	3	4	2	3	7
36	2	2	1	2	2	1	2	2	3	2	3	4	2	3	6
37	2	2	1	2	2	1	2	2	3	2	3	4	2	3	5
38	2	2	1	2	2	1	2	2	3	2	3	4	2	3	4
39	2	2	1	2	2	1	2	2	3	2	3	4	2	3	3
40	2	2	1	2	2	1	2	2	3	2	3	4	2	3	2
41	2	2	1	2	2	1	2	2	3	2	3	4	2	3	1
42	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
43	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
44	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
45	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
46	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
47	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
48	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
49	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
50	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
51	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
52	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
53	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
54	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
55	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
56	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
57	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
58	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
59	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
60	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
61	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
62	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
63	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
64	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
65	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
66	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
67	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
68	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
69	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
70	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
71	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
72	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
73	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
74	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
75	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
76	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
77	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
78	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
79	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
80	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
81	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
82	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
83	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
84	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
85	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
86	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
87	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
88	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
89	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
90	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
91	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
92	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
93	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
94	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
95	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
96	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
97	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
98	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
99	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0
100	2	2	1	2	2	1	2	2	3	2	3	4	2	3	0

REMARKS ON RESULTS GIVEN IN AGE GROUPS

Age	European			Native			Coloured			Asiatic			All N-Em		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
1 Year	2	4	9	1	1	2	1	1	2	1	1	2	1	1	2
2 Year	3	6	14	2	2	4	2	2	4	2	2	4	2	2	4
3 Year	4	8	19	3	3	6	3	3	6	3	3	6	3	3	6
4 Year	5	10	24	4	4	8	4	4	8	4	4	8	4	4	8
5 Year	6	12	30	5	5	10	5	5	10	5	5	10	5	5	10
6 Year	7	14	36	6	6	12	6	6	12	6	6	12	6	6	12
7 Year	8	16	42	7	7	14	7	7	14	7	7	14	7	7	14
8 Year	9	18	49	8	8	16	8	8	16	8	8	16	8	8	16
9 Year	10	20	56	9	9	18	9	9	18	9	9	18	9	9	18
10 Year	11	22	63	10	10	20	10	10	20	10	10	20	10	10	20
11 Year	12	24	70	11	11	22	11	11	22	11	11	22	11	11	22
12 Year	13	26	77	12	12	24	12	12	24	12	12	24	12	12	24
13 Year	14	28	84	13	13	26	13	13	26	13	13	26	13	13	26
14 Year	15	30	91	14	14	28	14	14	28	14	14	28	14	14	28
15 Year	16	32	98	15	15	30	15	15	30	15	15	30	15	15	30
16 Year	17	34	105	16	16	32	16	16	32	16	16	32	16	16	32
17 Year	18	36	112	17	17	34	17	17	34	17	17	34	17	17	34
18 Year	19	38	119	18	18	36	18	18	36	18	18	36	18	18	36
19 Year	20	40	126	19	19	38	19	19	38	19	19	38	19	19	38
20 Year	21	42	133	20	20	40	20	20	40	20	20	40	20	20	40
21 Year	22	44	140	21	21	42	21	21	42	21	21	42	21	21	42
22 Year	23	46	147	22	22	44	22	22	44	22	22	44	22	22	44
23 Year	24	48	154	23	23	46	23	23	46	23	23	46	23	23	46
24 Year	25	50	161	24	24	48	24	24	48	24	24	48	24	24	48
25 Year	26	52	168	25	25	50	25	25	50	25	25	50	25	25	50
26 Year	27	54	175	26	26	52	26	26	52	26	26	52	26	26	52
27 Year	2			2			2			2			2		

DEATH RATES : VARIOUS CAUSES

ABRIDGED LIST

RESIDENTS ONLY

	Eur:	Nat:	Col:	As:	All Non-Eur:	All Races
1. Enteric Fever	0.00	0.00	0.45	0.00	0.04	0.02
2. Typhus	0.00	0.00	0.00	0.00	0.00	0.00
3. Small-pox	0.00	0.00	0.00	0.00	0.00	0.00
4. Measles	0.00	0.00	0.00	0.23	0.09	0.05
5. Scarlet Fever	0.00	0.00	0.00	0.00	0.00	0.00
6. Whooping Cough	0.00	0.90	0.45	0.58	0.69	0.39
7. Diphtheria	0.00	0.08	0.00	0.00	0.04	0.02
8. Influenza	0.09	0.00	0.00	0.12	0.04	0.07
9. Plague	0.00	0.00	0.00	0.00	0.00	0.00
10. Meningococcal Cerebro Spinal meningitis	0.05	0.03	0.00	0.00	0.04	0.05
11. Tuberculosis of the Respiratory System	0.19	1.48	3.14	1.98	1.83	1.05
12. Tuberculous Mening- itis	0.00	0.08	0.00	0.12	0.09	0.05
13. Other Tubercular Di- seases	0.05	0.25	0.00	0.23	0.22	0.14
14. Leprosy	0.00	0.00	0.00	0.00	0.00	0.00
15. Syphilis (all forms)	0.00	0.17	0.00	0.00	0.00	0.00
16. Malaria	0.00	0.00	0.45	0.12	0.09	0.05
17. Cancer (all forms)	1.05	0.25	0.45	0.12	0.22	0.61
18. Cerebral Haemorrhage etc.	0.62	0.00	0.45	0.23	0.13	0.36
19. Cardiac Disease	1.57	0.66	3.14	2.33	1.53	1.55
20. Bronchitis	0.05	0.33	0.45	0.47	0.40	0.23
21. Pneumonia (all Forms)	0.85	1.97	1.79	2.45	2.13	1.52
22. Miner's Phthisis) (Silicosis) without Tuberculosis)	0.00	0.00	0.00	0.00	0.00	0.00
23. Miner's Phthisis. (Silicosis) with Tu- berculosis	0.00	0.00	0.00	0.00	0.00	0.00
24. Other Respiratory di- seases	0.14	0.17	0.00	0.23	0.18	0.16
25. Ulcer of Stomach and Duodenum	0.14	0.08	0.00	0.00	0.04	0.09
26. Diarrhoea and Enteritis (under 2 yrs)	0.05	3.04	0.90	0.58	1.92	1.02
27. Appendicitis	0.14	0.00	0.00	0.12	0.04	0.09
28. Cirrhosis of liver	0.05	0.00	0.00	0.12	0.04	0.05
29. Nephritis	0.38	0.33	0.00	0.35	0.31	0.34
30. Puerperal Sepsis	0.00	0.00	0.00	0.00	0.00	0.00
31. Other Accidents and Diseases of Pregnancy and Parturition	0.05	0.17	0.45	0.35	0.26	0.16
32. Congenital Malforma- tions and Diseases of early infancy	0.44	1.56	0.90	0.58	1.13	0.82
33. Suicides	0.19	0.00	0.00	0.00	0.00	0.09
34. Other violent deaths	0.66	0.99	0.90	0.23	0.69	0.68
35. Other defined causes	1.81	1.64	4.91	2.33	2.22	2.02
36. Causes ill-defined or unknown	0.00	0.00	0.00	0.35	0.13	0.07
	8.56	14.22	18.85	14.24	14.68	11.75

(1) Vital Statistics Cont'd.BIRTHS. (Page 5)

The European birth rate again shows a slight increase to 17.69 births per 1,000 of population. The Native birth rate has risen to 16.28 and this increase is probably associated with more complete notification. The Coloured birth rate has risen to 45.33 and the Indian rate has increased slightly to 30.11. Among Europeans there were 372 births of which exactly half were males.

DEATHS. (Pages 5 - 7)

The European crude death rate has risen slightly to 8.56. It is, however, interesting to note that 37.2% of the deaths occurred in people over 70 years of age.

The Native death rate and the Coloured rate both rose slightly, to 14.22 and 18.85 respectively, while the Indian death rate fell to 14.24. The death rate for all races was 11.75 as compared with 11.7 last year.

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

European	: 22%
Coloured	: 55%
Native	: 83%
Asiatic	: 67%

These figures show how much better the expectation of life is for Europeans than for the other classes of the community. Europeans are more likely to survive until the later decades and the following table indicates that the diseases generally associated with later life are a much commoner cause of death among Europeans than among non-Europeans, whilst the infectious diseases, and especially tuberculosis, are much more common as causes of death among the non-Europeans.

SUMMARY OF CAUSES OF DEATH./

BIRTHS. (Page 2)

The European birth rate again shows a slight increase to 17.65 per 1,000 of population. The Native birth rate has risen to 18.38 and this increase is probably associated with more complete notification. The Coloured birth rate has risen to 18.33 and the Indian rate has increased slightly to 30.11. Among Europeans there were 373 deaths of which exactly half were males.

DEATHS. (Pages 2 - 7)

The European crude death rate has risen slightly to 8.56. It is, however, interesting to note that 37.5% of the deaths occurred in people over 70 years of age. The Native death rate and the Coloured rate both rose slightly, to 14.28 and 18.65 respectively, while the Indian death rate fell to 14.24. The death rate for all races was 11.75 as compared with 11.7 last year.

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

European	33%
Coloured	33%
Native	33%
Asiatic	33%

These figures show how much better the expectation of life is for Europeans than for the other classes of the community. Europeans are more likely to survive until the later decades and the following table indicates that the classes generally associated with later life are a much smaller cause of death among Europeans than among non-Europeans, whilst the infectious diseases, and especially tuberculosis, are much more common as causes of death among the non-Europeans.

SUMMARY OF CAUSES OF DEATH.

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

(Classified into groups and expressed as)
 (percentages to the nearest whole number.)

	<u>European</u>	<u>Native</u>	<u>Coloured</u>	<u>Asiatic</u>
Bowel Infections.	1%	21%	7%	4%
Acute Exanthemata.	0%	0%	0%	2%
Tuberculosis (All forms).	3%	13%	17%	16%
Other Acute Infectious Diseases)	2%	7%	5%	6%
Respiratory Disease.) (Non-tuberculous))	12%	17%	12%	22%
Congenital malformations and diseases of early infancy.)	5%	11%	5%	4%
Deaths from Violence.	10%	7%	5%	2%
Nephritis.	4%	2%	0%	2%
Cancer.	12%	2%	2%	1%
Cardiac Disease.	18%	5%	17%	16%
Cerebral Haemorrhage, etc.)	7%	0%	2%	2%
Other Causes .	26%	14%	28%	23%

(2) NOTIFIABLE INFECTIOUS DISEASE...../

(3) Vital Statistics Cont'd.

SUMMARY OF CAUSES OF DEATH

(Classified into groups and expressed as percentages to the nearest whole number.)

European	Native	Colored	Asiatic
12	212	72	42
02	02	02	22
32	122	172	102
22	72	22	22
122	172	122	202
22	112	22	42
102	72	22	22
42	22	02	22
122	22	22	12
122	22	172	122
72	02	22	22
222	122	202	122

(2) NOTIFIABLE INFECTIOUS DISEASE.

There were 187 notifications of infectious disease, this figure is considerably less than it has been in recent years. The incidence of the various diseases is shown in the table on page 45, and the individual diseases are discussed under the appropriate headings.

ISOLATION HOSPITAL (Page 48)

This is used for both Europeans and non-Europeans and infectious diseases other than venereal disease, tuberculosis and typhoid, are accommodated. There have been 18 European and 4 non-European beds, but the recent opening of the new nurses' home has released certain rooms previously occupied by nurses for use as patients' accommodation. Certain structural alterations are being effected and a re-allocation of accommodation is to be made, providing more beds for Natives.

Admissions at the Hospital have fluctuated very considerably. At one time there was only one patient, whereas at other times the numbers rose to 24. This fluctuation makes the general administration of the hospital difficult.

Altogether 183 patients were admitted during the year, 129 Borough and 54 Out-of-Borough. Figures for the previous three years were 1933-1934 : 154; 1934-1935 : 163; 1935-1936 : 166.

Considerable difficulty has been experienced in staffing this institution but it is hoped that the present staff will prove permanent and adequate. The new nurses' home is now in use and this will greatly increase the comfort of the staff.

Cases of tuberculosis and typhoid are provided for at Grey's Hospital, -the Provincial Hospital. In-patient treatment for venereal disease is provided at the Epidemic Hospital for non-Europeans, while the rare cases of Europeans needing in-patient treatment are sent to Addington Hospital, Durban, if they are men, and to Grey's Hospital if they are women or children.

EPIDEMIC HOSPITAL, (Page 49)

This hospital which, in the absence of epidemics, is used for the treatment of non-Europeans suffering from venereal disease in an infectious stage, has served a very useful function during the past year. The female block was opened in December, 1936, and there are now usually about 20 female patients in the hospital. It must be realized, however, that the present facilities are not adequate for the work which is undertaken there. During the year 496 in-patients were admitted, of whom all except 6 were suffering from venereal disease. 301 of the cases admitted were from out-of-the-borough. The number of patients at this hospital has increased very rapidly during the last few months -- this is attributed largely to the popularity of the Assistant Medical Officer of Health, who is well known to the Natives over a large area of Natal, and also to the opening of the female wards in December, 1936.

Radical.... /

(2) Notifiable Infectious Disease Cont'd.(Epidemic Hospital cont'd).

Radical alterations and additions are necessary to meet this increased demand for treatment and detailed recommendations have been made in this respect.

Admissions to the hospital during recent years have been:-

1932-33 : 58; 1933-34 : 219; 1934-1935 : 252.

1935-1936 : 309. 1936-1937 : 496.

AMBULANCE.

The City Engineer reports that 1521 calls were received during the year, and that 1552 cases were transported, including 206 cases of infectious disease.

LABORATORY WORK.

In the municipal laboratory there was again a great increase in the work done as compared with the previous year. The following were the examinations made :-

Throat Swabs for Diphtheria bacilli .	553
Throat Swabs for haemolytic streptococci.	174
Throat Swabs for Vincent's Angina.	1
Nasal Swabs for Meningococci.	12
Sputa for tubercle bacilli.	3
Smears for Gonococci.	2
Blood slides for Malaria parasites.	40
Milk examinations (Bacteriological).	129
Water examinations (bacteriological).	59
Mosquito larvae examined.	22,577
Mosquito adults examined.	1,295
Rats examined.	103
Fleas examined.	604

The Council has taken a very wise step in putting the laboratory work on a sound basis by the appointment of a fully qualified bacteriologist. Dr. Wall-Mesham has been appointed part-time Corporation Bacteriologist and as from July 1st, 1937, the Municipal bacteriological work has been carried out by her at her own laboratory.

- (a) ANTHRAX. No cases notified.
- (b) SMALL POX. No cases notified. Vaccinations of Natives are carried out at the Togt Office.
- (c) DIPHTHERIA showed a somewhat increased incidence in the autumn, but the total number of cases notified was only 21.
30 cases were treated in the Isolation Hospital and these included 10 from Out-of-Borough.

(d)/

(1) Notifiable Infectious Diseases Cont'd.

(2) Notifiable Infectious Diseases Cont'd.

Radical alterations and additions are necessary to meet this increased demand for treatment and detailed recommendations have been made in this respect.

Admission to the hospital during recent years

have been:-

1932-33 : 567; 1933-34 : 819; 1934-1935 : 322

1935-1936 : 308; 1936-1937 : 496

LABORATORY

The City Engineer reports that 1931 cases were received during the year, and that 1932 cases were transported, including 800 cases of infectious diseases.

LABORATORY WORK

In the municipal laboratory there has again a great increase in the work done as compared with the previous year. The following were the examinations made:-

253	Tests made for Diphtheria bacilli.
174	Tests made for bacillary dysentery.
1	Tests made for Vincent's Angina.
12	Tests made for Gonorrhoea.
8	Tests made for Tubercle bacilli.
2	Tests made for Gonorrhoea.
10	Tests made for Malaria parasites.
122	Milk examinations (Bacteriological).
29	Water examinations (Bacteriological).
32,377	Household refuse examined.
1,222	Household refuse examined.
103	Tests examined.
802	Tests examined.

The Council has taken a very wise step in putting a laboratory work on a sound basis by the appointment of a fully qualified bacteriologist. Dr. Wall-Kashan has been appointed as the Corporation bacteriologist and as from July 1st, 1937, the municipal bacteriological work has been carried out by her at her laboratory.

(a) ANTRAX No cases notified.

(b) SMALL POX No cases notified. Vaccinations of natives are carried out at the Port Office.

(c) ERYSIPELAS showed a somewhat increased incidence in the autumn, but the total number of cases notified was only 21.

30 cases were treated in the isolation hospital and these included 10 from Outer Borough.

(2) Notifiable Infectious Disease Cont'd.

- (d) SCARLET FEVER. An outbreak occurred in one of the boarding schools, accounting for 13 out of a total of 32 cases, all Europeans.
- 28 cases were treated at the Isolation Hospital and these included 4 from out-of-Borough.
- (e) CEREBRO-SPINAL MENINGITIS. Only 3 cases were notified.
- (f) LEPROSY. Two cases were notified - a European woman and a Native man.
- (g) TYPHUS FEVER. Two cases were notified - a European and an Indian. The European was very ill and presumably had louse borne typhus. The source of infection could not be traced but the patient was an S.A.R. Unit Driver and it is probable that infection took place outside the Borough.
- (h) ENTERIC FEVER. This has been rare, only 20 cases being notified, 4 in Europeans and 16 in non-Europeans.

Of these cases 2 were definitely imported and at least 2 others were probably imported. Three occurred in one house in the Native Village and were apparently caused by a carrier. A large proportion of the others were in people living under unsatisfactory hygienic conditions. There was only one death, a Coloured man who died in October, 1936.

Terminal disinfection of cases treated at home is carried out by this Department, the disinfection of bedding, etc., being done at the Steam disinfectors at the Health Department buildings.

(3) TUBERCULOSIS. (Pages 38-39)

Tuberculosis in its various forms, presents one of our major problems. 93 cases were notified, of which 82 were non-Europeans.

The figures show that among all sections of the non-European community tuberculosis is far more prevalent than any other notifiable disease, in fact notifications of pulmonary tuberculosis alone form considerably more than half of all notifications among the non-Europeans. The tuberculosis clinic and the work of the health visitors both tend to ensure that cases are notified early and it is probable that notification of tuberculosis is becoming much more complete. It is the aim of the department to ensure that as far as possible all cases suffering from tuberculosis in a communicable form are treated in hospital or otherwise isolated, and hospitalization of infectious cases has been more complete than it was in previous years.

That Tuberculosis is a major cause of death among the non-Europeans is shown by the following figures :-

Percentage of All Deaths which are due to Tuberculosis.

	<u>Pulmonary.</u>	<u>Other Tuberculosis.</u>
European.	2.22	0.55
Native.	10.40	2.31
Coloured.	16.66	0.00
Indian.	13.93	2.46

The Tuberculosis Clinic. (Page 46)

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 steps in detecting early cases and so preventing the development and spread of the disease. During the year there were 2307 attendances at the clinic while 3059 visits were made to tuberculous and contacts in their homes.

Although this department is doing all in its power to try to combat the spread of tuberculosis, there is another important aspect of the problem. It is a platitude to say that Tuberculosis and bad living conditions go hand in hand, and so long as the miserable conditions under which a considerable proportion of our non-European community live are allowed to continue, so long will the work of this department in trying to combat tuberculosis be largely nullified. Until the housing problem of the sub-economic class is effectively settled it cannot be legitimately claimed that the tuberculosis problem has been adequately tackled.

(4) VENEREAL DISEASE. (Page 47)

The treatment of venereal disease, both at the clinics and at the Epidemic Hospital has formed one of the major functions of the department.

The clinics at Grey's Hospital continue to be very well.... /

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) Venereal Disease Cont'd.

well attended as shown by the fact that there were in all 14,218 attendances during the year. The accommodation of the clinic has been greatly improved during the past year with the kind co-operation of the authorities at Grey's Hospital, but conditions there are still very cramped and inadequate. It is anticipated, however, that with the expansion of the Out-Patient department of Grey's Hospital in the near future, much better accommodation will become available. The non-European health assistants continue to do good follow-up work and 4681 home visits were paid to non-European cases of venereal disease.

The routine medical examination of Native males seeking employment is carried out at the Togt Office and many cases of infectious venereal disease have been detected there.

(5) PLAGUE.

No case of Plague occurred in this locality during the year. The control and destruction of rodents has received the continuous attention of the department. Steps are taken to ensure that food stores are rendered rodent proof and that the necessary action is taken to prevent rodent infestation. The advice and help of the department is frequently given in this connection and also in connection with rodent destruction. Active anti-rodent measures are also carried out in the more outlying parts of the borough, such as the vacant land adjacent to the various spruits. During the winter months of 1937, an intensive anti-rodent campaign was carried on in these areas.

(6) OTHER COMMUNICABLE DISEASES.

- (I) MALARIA infections have been conspicuous by their absence. No malaria vectors were discovered either in the borough or the adjacent areas and no fresh infections occurred here. Three cases were notified, but they were all infected outside the Borough, one in the Kruger National Park and the other two in Zululand.

The control of the adjacent areas for the Government was undertaken by this department as in previous years. As *Anopheles gambiae* did not make their appearance at all this season the anti-malarial work consisted of watching for this vector both in its larval and its adult form. An intensive search both for larvae and for adults (by check spraying of dwellings) was carried out throughout the season.

(II) ENTERITIS....

General Disease Control

It is pointed out that the fact that there were no deaths in 1935 from infectious diseases during the year. The reduction of the death rate has been greatly improved during the last year with the high level of the authorities at the hospital and the conditions are still very good and satisfactory. It is anticipated that with the expansion of the Government Department of Health in the near future much better arrangements will be made. The non-infectious health conditions are also very good. The good follow-up work and the high level of the health services are also very good. The health services are also very good.

The routine medical examination of native males during employment is carried out at the Port Office and many cases of infectious diseases have been detected there.

1. Plague

No case of plague occurred in this locality during the year. The control and detection of plague has been the continuous attention of the Government. Steps are taken to ensure that food stores are properly stored and that a necessary action is taken to prevent rodent infestation. The advice and help of the Government is frequently given in this connection and also in connection with rodent control. Active measures are also carried out in the form of spraying of the houses, such as the various kind of insecticides. During the winter months of 1935, an intensive anti-plague campaign was carried out in these areas.

2. OTHER ZOONOTIC DISEASES

① Smallpox - There have been no cases of smallpox reported in this locality during the year. The health authorities are always on the alert for any cases of smallpox and in the event of a case being reported, immediate action is taken to isolate the patient and to inform the health authorities.

The control of infectious diseases is the responsibility of the Government and the health authorities. It is the duty of the health authorities to take all necessary steps to prevent the spread of infectious diseases and to treat the sick. The health authorities are also responsible for the control of zoonotic diseases and for the control of the food supply. The health authorities are also responsible for the control of the water supply and for the control of the sewage disposal system.

② Typhoid

(6) Other Communicable Diseases Cont'd.

- (II) ENTERITIS in children under the age of two years accounted for 45 deaths - European 1, Native 37, Coloured 2 and Indian 5. The figures for the previous years were :-

1933-34	:	52
1934-35	:	28
1935-36	:	45

The majority of the cases came from the poorer parts of the town.

- (III) MEASLES caused 2 deaths, both in Indians. Nineteen cases were treated in the Isolation Hospital and of these 7 came from Out-of-Borough. Practically all cases treated at the hospital had severe chest complications.

- (IV) WHOOPIING COUGH was a serious cause of death among non-Europeans. There were 17 deaths, of which 11 occurred in Natives, 5 in Indians and 1 in a Coloured child.

Twenty-one cases with chest complications were admitted to the Isolation Hospital, of these 11 came from out of the Borough.

(7) WATER SUPPLY.

The water supply 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 lime and alumina-ferric before filtration. After filtration the water is chlorinated before being distributed to the 4 service reservoirs.

The supply from each of the service reservoirs has been bacteriologically examined each month at the department's laboratory. The results have in general been very satisfactory but during February, 1937, the Zwartkop Road reservoir was found to be contaminated. The City Engineer's department dealt with the matter by the additional chlorination of the water and the cleaning of the various tanks. Attention was then drawn to the necessity for the more adequate protection of this reservoir and this warning must now be repeated.

(8) NIGHTSOIL AND REFUSE DISPOSAL./

(1) ENTERITIS is commoner under the age of two years accounted for 45 deaths - European 1, Native 3, Colored 2 and Indian 2. Figures for the previous years were:-

1925-26	58
1924-25	38
1923-24	45

The majority of the cases came from the poorer parts of the town.

(2) MEASLES caused 2 deaths, both in Indians. When cases were treated in the Isolation Hospital and of these 7 came from Out-Station. Practically all cases from the hospital had severe chest complications.

(3) WHOLEBONE was a serious cause of death and non-communicable. There were 12 deaths of which 11 occurred in Natives, 2 in Indians and 1 in a colored child.

Twenty-one cases with chest complications were admitted to the Isolation Hospital, of these 11 came from out of the Borough.

(4) WATER SUPPLY

The water supply is under the control of the City Engineer's Department. It is derived from a stream from hill country lying to the west of the town. From the storage dam at Helly the water is piped to the purification works, where it is treated with lime and alumina-ferrous before filtration. After filtration the water is chlorinated before being distributed to the service reservoir.

The supply from each of the service reservoirs has been bacteriologically examined each month at the department laboratory. The results have in general been very satisfactory but during February, 1927, the Haringford Road reservoir was found to be contaminated. The City Engineer's Department has with the matter by the addition of chlorine to the water and the clearing of the various tanks. Attention was then drawn to the necessity for the most complete protection of this reservoir and this warning was not repeated.

(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, 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 material removed by the conservancy system is trenched.

From the Public Health Department 189 Notices calling upon householders to provide approved refuse bins were issued during the year and these have all been followed up to a satisfactory conclusion.

(9) MEAT SUPPLIES. (Pages 53-54)

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. 56 inspections of butchers' shops were made.

On the market, in shops and in tea rooms, the following meats were condemned by the Foods Inspector as unfit for human consumption :-

Bacon	4 lbs. and 36 packets.	Ham	24½ lbs.
Blesbok.	5	Hares	19
Beef.	169 lbs.	Herrings.	9 tins.
Ducks.	5	Partridges.	5
Fowls.	69	Pork.	94 lbs.
Guinea Fowl.	1	Sardines.	141 tins.
Sausages.	67 lbs.	Salmon.	5 tins.
	Turkey	1.	

There were 20 applications for Butchers' licences, 17 were approved without comment and 3 were approved after certain requirements had been carried out.

The Abattoir Manager reports that during the year 43,213 animals were slaughtered :-

<u>Cattle</u>	<u>Calves</u>	<u>Sheep</u>	<u>Pigs</u>	<u>Goats</u>	<u>Total</u>
8,968	718	31,278	2,183	66	43,213

In addition to the above the following shows the quantity of meat, of animals slaughtered outside the Borough, which was received for examination and stamping:-

Quarters Beef	...	286
Carcases Mutton	...	44
Carcases Pork.	...	19

All..../

WASTEWATER AND SEWAGE 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, although the conservative system is still in use in certain outlying parts. Disposal is on the sewage farm about 2 miles from the center of the town where ground water is carried out and the material removed by the conservancy system is pumped.

From the Public Health Department 1937
Notices calling upon householders to provide approved refuse bins were issued during the year and these have all been followed up to a satisfactory conclusion.

MEAT SUPPLIES (Pages 23-24)

All slaughtering is carried out at the Municipal Slaughter Station 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. 56 inspections of Butchers' shops were made.

On the market, in shops and in tea rooms following meats were contained by the Public Inspector as suitable for human consumption:

Beef 4 lbs. and 32 packets.	Ham 32 lbs.
Shoulder 5	Ham 12
Beef 120 lbs.	Butter 5 lbs.
Pork 5	Butter 5
Pork 50	Pork 24 lbs.
Butter 100 lbs.	Butter 121 lbs.
Butter 50 lbs.	Salmon 5 lbs.
Turkey 1.	

There were 20 applications for Butchers' Licences, 17 were approved without amendment and 3 were approved after certain amendments had been carried out.

The Slaughter Manager reports that during the year 43,218 animals were slaughtered:-

Cattle	Calves	Sheep	Pigs	Goats	Total
8,968	719	21,378	2,183	55	43,213

In addition to the above the following show the quantity of meat at various times during the year:-
Meat was received for inspection and stamping:-

Butter 100	...
Butter 100	...
Butter 100	...

(9) Meat Supplies Cont'd.

All this meat came from either the Durban Municipal Abattoir or the Export Abattoir, Maydon Wharf.

Carcases and Viscera Condemedned

The following statement shows the quantity of meat condemned during the year :-

	<u>Carcases</u>	<u>Approx. Weight.</u>
Beef.	166	72,020 lbs.
Beef, Portions of Carcases, Organs, etc..		101,650 "
Veal.	55	2,605 "
Pork.	51	5,340 "
Pork, Organs, etc....		2,050 "
Mutton.	146	3,375 "
Mutton, Organs, etc..		59,193 "
Total :		<u>246,233 lbs.</u>

Cysticercus Bovis ("Measles")

6.23% of grown cattle were found to be infected with "measles". Of these 1.18% were condemned and the remainder, less seriously affected, were detained in cold storage in accordance with the regulations.

5.59% of calves were infected.

Cysticercus Cellulosae ("Measles")

1.78% of pigs were infected and were condemned.

The following table shows the number of carcasses infected with "measles" during the last 7 years :-

	<u>CATTLE</u>			<u>CALVES</u>		<u>PIGS</u>	
	<u>Slaugh- tered.</u>	<u>% In- fected.</u>	<u>% Con- demned</u>	<u>Slaugh- tered.</u>	<u>% Con- demned.</u>	<u>Slaugh- tered.</u>	<u>% Con- demned</u>
1930-31	8,866	4.18	1.20	580	4.32	2,934	2.07
1931-32	8,316	4.12	1.07	559	5.54	3,278	1.12
1932-33	8,570	3.83	0.99	552	6.15	3,223	1.48
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

Tuberculosis...../

(9) Meat Supplies Cont'd.Tuberculosis.

The percentage of cattle found to be infected with tuberculosis was 0.61% and of pigs 4.76% .

Anthrax.

On April 9th it was found that an ox which had arrived by rail on the 8th and which had died that night, had died of Anthrax. All necessary precautions were taken immediately and no further infections occurred.

Slaughtering.

During the year 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 have been in daily use and have continued to give entire satisfaction.

A "Locwil" stunning and casting pen was installed during the year for the ritual slaughter of cattle, and this is functioning satisfactorily.

(10) MILK SUPPLIES.

The milk supply has been carefully controlled throughout the year. It is derived from 91 producer-distributors, of whom 59 are in the borough and 32 outside. In addition to these there are 30 producers who send their milk to the two pasteurization plants from where it is distributed after pasteurization. All these dairymen are registered with this department and their premises are inspected.

The allocation of one inspector to the duties of full time dairy inspector and the application of the new dairy by-laws has resulted in very material general improvement in dairying conditions, and the quality of the milk supply, as indicated by bacteriological tests, has shown marked improvement.

The application of the dairy by-laws has revealed certain weaknesses and difficulties and it is felt that further amendments are necessary. Much thought has been given to these suggested amendments which are at present under consideration.

The "Clean Milk" competition was again organized in connection with the Royal Agricultural Society and the general standard attained by the 16 competitors was very satisfactory. The competition for raw milk was won by Mr. E.W. Gibson of Howard Hill and the award for pasteurized milk went to the Natal Creamery.

(9) Meat Supplies Cont'd.

Tuberculosis

The percentage of cattle found to be infected with tuberculosis was 0.6% and of pigs 4.7%.

Anthrax

On April 25 it was found that an ox which had arrived by rail on the 24th and which had died that night, had died of anthrax. All necessary precautions were taken immediately and no further infections occurred.

Slaughtering

During the year human killers have been used for the slaughtering of all animals except those slaughtered under religious rites. The Government Killers for cattle and the Government Killers for pigs, sheep and calves.

The two slaughtering pens have been in daily use and have continued to give entire satisfaction.

A "float" slaughtering and eviscerating pen was installed during the year for the ritual slaughter of cattle, and this is functioning satisfactorily.

(10) MILK SUPPLIES

The milk supply has been carefully controlled throughout the year. It is derived from 21 producer-distributors of whom 22 are in the Government and 23 are private. In addition to these there are 30 producers who send their milk to the two Government dairies from where it is distributed after pasteurization. All these dairies are regulated with strict supervision and their produce is inspected.

The allocation of one transporter to the dairies of full time dairy transport and the application of the new dairy laws has resulted in very marked general improvement in dairying conditions, and the quality of the milk supply, as indicated by bacteriological tests, has shown marked improvement.

The application of the dairy laws has revealed certain weaknesses and deficiencies and it is felt that further amendments are necessary. Much thought has been given to these suggested amendments with a view to present and future improvement.

The "Class Milk" competition was organized in connection with the Royal Agricultural Society and the National Standard Festival by the 12 competitors was very successful. The competition for the title of "Best Milk" was won by Mr. J. W. Brown of the Government Dairy and the award for best milk was given to the Government Dairy.

(10) Milk Supplies Cont'd.

82 samples of dairy produce were taken under the Food & Drugs Act, this is dealt with in paragraph 11.

(11) OTHER FOOD SUPPLIES. (Page 51)

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 52).

Details of all licence applications dealt with by the department are reflected in the table on page 55. Careful attention is paid to storage conditions and particularly to rodent proofing and there is a gradual improvement in this connection. 335 inspections of the Borough Market and 874 inspections of other premises manufacturing or handling food were made. (Page 56).

Food and Drugs Act.

Under the Food & Drugs Act 89 samples were taken and the results of the analyses were as follows :-

Milk. Total number of samples = 78

In accordance with requirements	:	40
Deficient in Solids-not-fat	:	37
(1) 8% - 8.5%	=	34
(2) Below 8%	=	3
Deficient in Fat :	1

Ice Cream. 4 Samples, all complying with requirements.

Bread. 3 Samples, all complying with requirements.

Mince Meat. 2 Samples. 1 adulterated by the addition of Sulphur dioxide.

Sausages. 2 Samples. 1 adulterated by the addition of an excess amount of sulphur dioxide.

Prosecutions were instituted in regard to milk samples containing less than 3% butterfat or 8% Solids-not-fat; regarding samples 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. Prosecutions were also instituted in regard to the samples of mince meat and sausages which were adulterated. (Page 58)

(12) MATERNITY AND CHILD WELFARE. (Page 50)

The European infantile mortality rate has increased to 37.63 which is, however, still a very low figure. It should be remembered in this connection that we are dealing with very small figures and that therefore the element of chance plays a big part. No definite conclusions should be drawn except over a period of several years.

The..../

(10) Milk Samples Cont'd.

82 samples of dairy products were taken under the Food & Drug Act, this is dealt with in paragraph 11.

(11) OTHER FOOD SUPPLIES (Page 51)

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 52)

Details of all license applications dealt with by the department are reflected in the table on page 55. Careful attention is paid to storage conditions and particularly to rodent proofing and there is a gradual improvement in this connection. 335 inspections of the Borough Market and 874 inspections of other premises manufacturing or handling food were made. (Page 56)

Food and Drug Act

Under the Food & Drug Act 80 samples were taken and the results of the analyses were as follows:-

Milk. Total number of samples = 75

In accordance with requirements	40
Deficient in solids-not-fat	35
(1) 85 - 8.5% = 34	
(2) Below 8% = 3	
Deficient in fat	1

Ice Cream. 4 samples, all complying with requirements.

Bread. 3 samples, all complying with requirements.

Mince Meat. 2 samples. 1 adulterated by the addition of sulphur dioxide.

Sausages. 2 samples. 1 adulterated by the addition of an excess amount of sodium nitrite.

Prosecutions were instituted in regard to milk samples containing less than 3% butyric acid or 8% solids-not-fat, violating samples showing between 8% and 8.5% solids-not-fat, and in regard to the addition of each case under the relevant Act to improve the milk in this respect. Prosecutions were also instituted in regard to the addition of colouring matter to mince meat and sausages which were adulterated. (Page 58)

(12) MATERNITY AND CHILD WELFARE (Page 60)

The Maternity and Child Welfare Act has been in force since 1931, and has been very successful in its operation. It has resulted in the improvement of the health of the mother and child, and has also resulted in the improvement of the health of the child. The Act has been very successful in its operation, and has resulted in the improvement of the health of the mother and child, and has also resulted in the improvement of the health of the child.

(12) Maternity and Child Welfare Cont'd.

The Coloured infantile mortality rate has fallen very markedly to 69.3 -- the remark made in connection with the European rate however, applies here to an even greater degree as the numbers concerned are very small.

The Indian rate has fallen to 100.77

The Native infantile mortality rate is quite unreliable owing to the incomplete registration of Native births. An endeavour is being made by this department to follow up all Native births that are heard of and it has therefore been thought worth while to record the infantile mortality figure arrived at, which is 303.03 .

The main causes of infantile mortality in the different races are shown on pages 36 and 37.

It will be seen that the bowel infections take a much greater toll of infant life among the non-Europeans than they do among the Europeans. This can be ascribed to some extent to lack of knowledge of ordinary hygiene but also to a very considerable degree to the cramped and insanitary conditions under which a great many of these people live. Until these conditions are improved the struggle against bowel infections and chest diseases will remain an uphill task.

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

	<u>European</u>	<u>Coloured</u>	<u>Native</u>	<u>Indian</u>
1935-36.	4,179	1981	1981	1784
1936-37.	4,470	1756	1964	1700

The educational value of these clinics seems to have become widely appreciated.

Arrangements have been made for another Indian Clinic at Pentrich and this was started on July 1st.

Maternal Mortality. (Page 4)

In considering the maternal mortality rate it should be remembered that we are dealing with very small figures and that therefore no conclusions can be drawn except over a number of years. For what they are worth the figures indicate a satisfactory state of affairs for Europeans, but for all other races the figure is too high.

The registration and supervision of all midwives practising in the Borough has continued throughout the year.

The midwifery training school at Grey's Hospital provides midwifery services both in the wards and in the district..../

1. Introduction

The following table shows the number of cases of ... in the ... of ...

The following table shows the number of cases of ... in the ... of ...

The following table shows the number of cases of ... in the ... of ...

The following table shows the number of cases of ... in the ... of ...

It will be seen from the above table that the number of cases of ... has increased ...

The following table shows the number of cases of ... in the ... of ...

Year	1932	1933	1934	1935	1936	1937
...
...

The following table shows the number of cases of ... in the ... of ...

The following table shows the number of cases of ... in the ... of ...

2. Discussion

In the above table it will be seen that the number of cases of ... has increased ...

The following table shows the number of cases of ... in the ... of ...

The following table shows the number of cases of ... in the ... of ...

(12) Maternity and Child Welfare cont'd.

district for maternity cases of all races of the community. As a large proportion of the women attending the ante-natal clinic at Grey's Hospital are attended in their confinements by the midwives and pupil midwives of the Hospital, it was felt that more continuity of treatment would be obtained if the ante-natal clinics were staffed by these midwives. The ante-natal clinic was accordingly taken over by Grey's Hospital on September 1st. 1936, and clinics are held regularly for all races.

(13) BY-LAW NOTICES AND PROSECUTIONS. (Pages 56-58)

1979 notices and formal letters were served regarding breaches of the Borough By-Laws. These were followed up to a satisfactory conclusion. 16 prosecutions were initiated in the Magistrate's Court, as detailed on page 58.

(14) OTHER MATTERS OF HEALTH AND SANITATION

Nursing Homes. Eight visits were made to the various nursing homes for purposes of inspection.

Complaints from Burgesses. 199 complaints were received and attended to during the year.

Medical Examination of Natives. A total of 12,699 Native males was examined at the Togt Office. Of these 144 (1.1%) were rejected for venereal disease, 51 (0.4%) were rejected for other conditions while 64 (0.5%) were referred to the Tuberculosis Clinic for further investigation.

The examination of Native females is voluntary, but the Native Nurse is present every Thursday at noon when the Assistant Medical Officer of Health examines any females who may present themselves. 56 such women were examined, 10 (17.8%) were found to be unfit, of whom 9 (16.0%) were suffering with venereal disease and 1 with tuberculosis. It is considered that the high proportion of females found to be suffering from venereal disease is partly accounted for by the fact that these women are sometimes only sent for examination because they are suspected of having venereal disease.

Vaccination of all unvaccinated Natives coming forward for registration is carried out by the Assistant Medical Officer of Health at the Togt Office.

Health Propaganda..../

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

The Medical Officer of Health has given the following addresses to various public bodies, both European and non-European, on matters pertaining to health :-

"Environment and Disease" to the Pietermaritzburg
Child Welfare Society.

"Infectious Diseases" to the Capital Evening Women's
Institute.

"Transmission of Infections" to the Pietermaritzburg
City Women's Institute.

"Tuberculosis and Malaria" to the Hindu Youth
Association.

"Milk and the Public Health" during "Milk Week" held
in Pietermaritzburg.

A stall illustrating the spread of infectious diseases was erected at the Royal Show, the public showed considerable interest in this exhibit.

(15) STAFF.

Dr.C.C.P.Annings having left to take up his duties as Medical Officer of Health of Benoni at the end of June, 1936, the department was carried on under the control of Dr. M.Maister (Asst.Medical Officer of Health) until August 10th, when Dr.B.Maule Clark took up his duties as Medical Officer of Health.

At the end of November the Asst.Medical Officer of Health, Dr.M.Maister, left to take up a post in the Johannesburg Health Department. Dr.Armitage acted as Assistant Medical Officer of Health until April 2nd when Dr.G.W.Gale, the newly appointed Assistant Medical Officer of Health, took up his duties.

During the year the Matron of the Isolation Hospital resigned her post and she was succeeded by Sister K.S.R. Higgins.

The inspectorate staff has been increased by the appointment of another health inspector, and the Isolation Hospital staff by another staff nurse, while a fully trained native nurse was appointed to the Epidemic Hospital.

The staff of the department at the end of
June, 1937,/

(15) STAFF cont'd.

1937, was :-

ADMINISTRATIVE and OFFICE

Medical Officer of Health. Dr.B.MAULE CLARK, M.R.C.P., D.P.H.,
M.R.C.S.
Asst. Medical Officer of Health. Dr.G.W.GALE, M.Sc., M.B., Ch.B.,
D.P.H., D.T.M. & H.
Chief Clerk. ... Mrs.E.A.THOMPSON, Cert. R.S.I.
Clerk (Part-time).. ... C.W.REID.
Junior Clerk. ... D.C.JOHNSTON
Typiste. ... Miss E.M.HUGHES.
One Native Messenger.

INSPECTORATE

Senior Health Inspector : J.G.BIGLEY, Cert.R.S.I.
Health Inspector : V.F.WOODIWISS, Cert. R.S.I.
Health Inspector (Dairy) : C.F.WYATT, Cert. R.S.I.
Health Inspector : R.E.BUNN, Cert. R.S.I.
Health Inspector. : E.R.LUPTON, Cert. R.S.I.
Rodent and Fumigation Inspector : J.M.McINTOSH.
One Indian Fumigation Assistant.

VENEREAL DISEASE AND TUBERCULOSIS
CLINICS

Medical Officer. ... The Asst. M.O.H.
Senior Health Visitor : Miss E.M.McDOUGALL, Health Visitors'
Cert. R.S.I.
Health Visitor (T.B.) (part-time) : Miss G.BUTTERY, Health
Visitors' Cert. R.S.I.
European Clinic Clerks (part-time) : G.A.McINTOSH, Cert.R.S.I.
and C.W.REID.
Native Health Assistants : J.MAGUZA and R. NKABINDE.
Native Nurse : ADELAIDE SERAME.
Native Orderly.

MATERNITY AND CHILD WELFARE

Medical Officer ... : The Asst. Medical Officer of Health.
Senior Health Visitor : Miss E.M.McDOUGALL, Health Visitors'
Cert. R.S.I.
Health Visitor. ... : Miss G.BUTTERY, Health Visitors'
Cert. R.S.I.
Native Nurse and Midwife : Nurse VIRGINIA N'CAMU.

ISOLATION HOSPITAL/

(1) 21st cont'd.

JULY, 1938

ADMINISTRATIVE AND OFFICE

Medical Officer of Health: Dr. H. H. HARRIS, M.B., D.P.H.
 Asst. Medical Officer of Health: Dr. H. H. HARRIS, M.B., D.P.H.
 Chief Clerk: Mr. H. H. HARRIS, M.B., D.P.H.
 Clerk (Part-time): Mr. H. H. HARRIS, M.B., D.P.H.
 Junior Clerk: Mr. H. H. HARRIS, M.B., D.P.H.
 Typist: Mr. H. H. HARRIS, M.B., D.P.H.
 One Native Assistant

LABORATORY

Senior Health Inspector: Mr. H. H. HARRIS, M.B., D.P.H.
 Health Inspector: Mr. H. H. HARRIS, M.B., D.P.H.
 Health Inspector (Part-time): Mr. H. H. HARRIS, M.B., D.P.H.
 Health Inspector: Mr. H. H. HARRIS, M.B., D.P.H.
 Health Inspector: Mr. H. H. HARRIS, M.B., D.P.H.
 Health and Pathology Inspector: Mr. H. H. HARRIS, M.B., D.P.H.
 One Native Pathology Assistant

VEGETAL MEDICINE AND THERAPEUTICSLABORATORY

Medical Officer: Mr. H. H. HARRIS, M.B., D.P.H.
 Senior Health Visitor: Mr. H. H. HARRIS, M.B., D.P.H.
 Health Visitor (Part-time): Mr. H. H. HARRIS, M.B., D.P.H.
 Health Visitor: Mr. H. H. HARRIS, M.B., D.P.H.
 European Clinical Clerk (Part-time): Mr. H. H. HARRIS, M.B., D.P.H.
 Native Health Assistant: Mr. H. H. HARRIS, M.B., D.P.H.
 Native Nurse: Mr. H. H. HARRIS, M.B., D.P.H.
 Native Orderly: Mr. H. H. HARRIS, M.B., D.P.H.

PHARMACY AND DRUG MEDICINE

Medical Officer: Mr. H. H. HARRIS, M.B., D.P.H.
 Senior Health Visitor: Mr. H. H. HARRIS, M.B., D.P.H.
 Health Visitor: Mr. H. H. HARRIS, M.B., D.P.H.
 Native Nurse and Assistant: Mr. H. H. HARRIS, M.B., D.P.H.

ISOLATION HOSPITAL

(15) STAFF Cont'd.ISOLATION HOSPITAL

Matron : Sister K.S.R.HIGGINS.
Staff Nurse (Senior): ---
Staff Nurse : Nurse M. REYNDERS.
Probationer Nurse : Nurse P. SHEEN.
4 Native domestic servants.
1 Native Night Watchman.

EPIDEMIC HOSPITAL

Caretaker : J.M.McINTOSH
Housekeeper : Mrs.J.M.McINTOSH.
Native Nurse : ADELAIDE SERAME.
One Native Orderly.

MEDICAL EXAMINATION OF NATIVES

Medical Officer : The Asst.M.O.H.
Two Native Clerks (part-time).

ABATTOIR

Manager ... : G.B.LUPTON, Cert. R.S.I.
Clerk (Part-time)... : C.W.REID.
Stockyard Foreman... : G.A.McINTOSH, Cert. R.S.I.

One Indian Boiler Attendant and
Ten Native Labourers.

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(16) PERI-URBAN AREAS

No health report on Pietermaritzburg would be complete without reference to this problem. A very considerable "black belt" has grown up just outside our boundaries, the areas of Edendale and Sutherlands to our South-West and the more recent settlement at Cremorne to our North-East are all areas which have recently become populated to a greater or lesser degree and without any adequate supervision. The lack of proper..../

ISOLATION UNIT

UNIT : 1000
NAME : J. H. HARRIS
ADDRESS : 1000
CITY : 1000
STATE : 1000
COUNTRY : 1000

ISOLATION UNIT

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ADDRESS : 1000
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ISOLATION UNIT

UNIT : 1000
NAME : J. H. HARRIS
ADDRESS : 1000
CITY : 1000
STATE : 1000
COUNTRY : 1000

(16) Peri-Urban Areas Cont'd.

proper health control of these areas constitutes a danger to the inhabitants and as there is constant traffic between them and Pietermaritzburg, there is consequently a potential source of danger to the public health of this City.

There is no doubt that the lack of sufficient and proper housing facilities for the poor of all races tends towards the growth of this black belt on our borders.

Until such time as some adequate form of public health control of these areas is exercised, either by this department or by some other authority, they will remain a constant menace to the health of Pietermaritzburg.

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.....

(1) The following cases are reported:

proper health control of these areas constitutes a danger to the community and as there is constant traffic between them and the general public, there is consequently a potential source of danger to the public health of this City.

There is no doubt that the lack of sanitation and proper health control for the town of all these areas presents the greatest of dangers to our community.

Until such time as some adequate form of public health control of these areas is exercised, either by this Government or by some other authority, they will remain a constant menace to the health of the community.

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.....
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(1) HOUSING

The housing conditions of a considerable proportion of the non-European and also of the poorest section of the European community are unsatisfactory. There are extensive localities such as Camp Drift, Maryvale and Hathorn's Hill apart from numerous scattered barracks and houses in other parts of the borough, where considerable numbers of people are living in overcrowded and insanitary conditions which are definitely detrimental to health. Not only are these unfortunate people living under conditions which are a danger to themselves, but they are also a potential source of danger to the community at large as it is from these insanitary dwellings that infection may spread by various means to other parts of the town.

A recent survey of housing conditions indicates that there are 356 dwellings, at present housing 3064 persons, which are insanitary and should be demolished. The distribution of these dwellings is as follows :-

<u>District</u>	<u>Dwellings for Demolition</u>
Camp Drift.	133
Slang Spruit.	33
New Scotland.	19
Fitzsimmons' Location.	6
Foxon and Maharaj's Location,	34
Hathorn's Hill.	58
Maryvale.	51
City East Area.	20
City West Area.	<u>2</u>
	<u>356</u>

Owing to the lack of alternate accommodation it has not been possible to take drastic action to condemn many of these insanitary dwellings. As action can only be taken piecemeal, powers under the Slums Act have not been used but powers under the borough by-laws have been exercised in a restrained manner. Fifteen insanitary dwellings have been dealt with in this way. Of these 9 were condemned and demolished under Public Health By-Law 19(b) and 6 were condemned under Public Health By-Law 19(a), 4 of these were subsequently demolished voluntarily. In several cases this action was only taken after the dwellings had become vacant.

Plans. All plans of new buildings are submitted to this Department, and 274 including 60 dwellings have been scrutinized. Of these 265 were approved, 93 referred back for alterations and subsequently approved, and 16 disapproved.

The.... /

The housing conditions of a considerable portion of the non-European and also of the poorest section of the European community are unsatisfactory. There are extensive facilities such as Camp Dill, Maryvale and Hawthorn's Hill, apart from numerous scattered barracks and houses in other parts of the borough, where considerable numbers of people are living in overcrowded and insanitary conditions which are definitely detrimental to health. Not only are these unfortunate people living under conditions which are a danger to themselves, but they are also a potential source of danger to the community at large as it is from these insanitary dwellings that infection may spread by various means to other parts of the town.

A recent survey of housing conditions indicates that there are 388 dwellings, at present housing 3064 persons, which are insanitary and should be demolished. The distribution of these dwellings is as follows:-

Dwellings for Demolition	District
123	Camp Dill.
33	Blang Street.
19	New Scotland.
6	Witchamans' Location.
31	Town and Hawthorn's Location.
28	Hawthorn's Hill.
21	Maryvale.
30	City East Area.
2	City West Area.
<u>388</u>	

Due to the lack of alternative accommodation it has not been possible to take drastic action to condemn many of these insanitary dwellings. As action can only be taken piece-meal, powers under the Slum Act have not been used but powers under the borough by-laws have been exercised in a restricted manner. Fifteen insanitary dwellings have been dealt with in this way. Of these 5 were condemned and demolished under Public Health By-law 19(1), and 8 were condemned under Public Health By-law 19(2). 4 of these were subsequently demolished voluntarily. In several cases this action was only taken after the dwellings had become vacant.

Plans for the demolition of new buildings are submitted to the Department, and the following 60 dwellings have been condemned. Of these 30 were approved, 23 referred back for alterations and 7 subsequently approved, and 16 demolished.

HOUSING Cont'd.

The City Engineer reports that during the year 49 dwellings were erected for Europeans and 6 for non-Europeans.

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

The Corporation has a Native village situated just off the Bishopstowe Road and about 3 miles from the centre of the town. This village comprises 254 houses and various public buildings and has a population of about 1,100. It is situated on a good slope and the houses are well constructed of brick, the general layout is good and, except for the serious defect that there is no sewage, the village is a very satisfactory scheme. The water is supplied by communal standpipes from the Corporation water supply and sanitation is by the pail system, removed bi-weekly.

There are also three Corporation hostels for single Natives. For males there is the East Street hostel with a capacity of 140 and the new Ortman Road hostel with a capacity of 107. The Women's Hostel in Church Street provides accommodation for 160 single women.

The East Street Hostel and the Women's Hostel are sewered but the Ortman Road Hostel is outside the sewered area and has the pail removal system.

The village and hostels are all under the control of the Municipal Native Administration Department and 3 European superintendents are employed.

The Natives (Urban Areas) Act is administered by the Manager of the Native Administration Department. 382 temporary licences have been granted to house unexempted natives under this Act, pending the provision of more accommodation at the village and hostels. These licence applications are submitted to the Public Health Department and licences are not granted unless the premises are hygienic.

A large proportion of the Natives in the town are domestic servants living in quarters provided on the property of their employers, these quarters are the subject of routine inspections by this department and in general are satisfactory.

The Ortman Road Hostel has been established during the past year. The buildings are of brick and although they are old they have been thoroughly renovated.

Extensive additions have been planned at the East Street hostel and this work has been started. The Council has also decided to build another 100 houses at the Native Village during the year 1937-1938.

The only special Indian housing is the two compounds belonging to the Corporation and housing the sewage farm workers..../

The City Engineer reports that during the year 43 dwellings were erected for Europeans and 6 for non-Europeans.

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

The Corporation has a Native Village situated just off the Bishopstowe Road and about 2 miles from the centre of the town. This village comprises 242 houses and various public buildings and has a population of about 1,300. It is situated on a good site and the houses are well constructed of brick; the general layout is good and, except for the narrow defect that there is no sewer, the village is a very satisfactory scheme. The water is supplied by communal standpipes from the Corporation water supply and sanitation is by a pail system, removed bi-weekly.

There are also three Corporation hostels for single natives. For males there is the East Street Hostel with a capacity of 140 and the new Orman Road Hostel with a capacity of 100. The women's hostel in Church Street provides accommodation for 150 single women.

The East Street Hostel and the women's hostel are served by the Orman Road Hostel is outside the sewerage area and has the pail removal system.

The village and hostels are all under the control of the Municipal Native Administration Department and 3 European superintendents are employed.

The Natives (Urban Areas) Act is administered by the Manager of the Native Administration Department. 382 temporary licences have been granted to house unemployed natives under this Act, pending the provision of more accommodation at the village and hostels. These licence applications are submitted to the Public Health Department and licences are not granted unless the premises are hygienic.

A large proportion of the natives in the town are domestic servants living in quarters provided on the property of their employers. These quarters are the subject of routine inspections by this department and in general are satisfactory.

The Orman Road Hostel has been established during the past year. The buildings are of brick and although they are old they have been thoroughly renovated.

Extensive additions have been planned at the East Street hostel and this work has been started. The Council has also decided to build another 100 houses at the Native Village during the years 1937-1938.

The only special Indian housing is the two compounds belonging to the Corporation and housing the same firm workers.

(2) HOUSING OF NATIVES, NATIVE OR ASIATIC LOCATIONS
or BARRACKS Cont'd.

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.

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

It is imperative that re-housing schemes for all races should be proceeded with at an early date. In regard to Europeans sketch plans have been prepared for the building of 150 houses for railway workers (100 to be for the artisan type and 50 for labourers), and these plans have been submitted to the Railway Administration for approval. When these houses are ready they will relieve the position very considerably. The Indian question is focussed on Camp Drift, where there is the greatest concentration of Indians living under insanitary conditions. The City Engineer's Department is at present engaged in drawing up plans for a sub-economic Indian housing scheme in this area. It is essential that this or some similar scheme should be put in hand at the earliest possible moment. In regard to Natives a large proportion live in servants' rooms on their employers' property and in rooms licensed temporarily under the Natives (Urban Areas) Act. These premises are in the main satisfactory but there is still an urgent demand for more housing at the Native Village and also for single men at the Native Men's Hostel. The Corporation has in hand the building of extensive additions to the Men's Hostel and 100 new houses are to be built at the Native Village during the year 1937-1938, while a further 100 are contemplated during the following two years.

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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 Enteric Fever.	-	-	0	0	-	-	0	13	1	-	1	1	-	-	0	3
003 Typhus Fever.	-	-	0	0	-	-	0	-	-	-	0	0	-	-	0	0
008 Measles.	-	-	0	0	-	-	0	1	-	-	0	0	1	1	2	0
009 Scarlet Fever.	-	-	0	0	-	-	0	0	-	-	0	0	-	-	0	0
010 Whooping Cough.	-	-	0	0	5	6	11	5	-	1	1	0	3	2	5	1
011 Diphtheria.	-	-	0	2	1	-	1	0	-	-	0	0	-	-	0	0
012 Influenza with Pul. Complications	2	-	2	0	-	-	0	0	-	-	0	0	1	-	1	0
015 Dysentery : Amoebic	-	-	0	0	1	1	2	6	-	-	0	0	-	-	0	0
016 " Bacillary	-	-	0	0	-	1	1	5	1	-	1	0	-	-	0	0
017 " Other	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
022 Erysipelas (Non-puerperal)	-	-	0	1	-	-	0	0	-	-	0	0	-	-	0	0
025 Meningococcal, Cerebro spinal meningitis.	-	1	1	1	-	2	1	3	-	-	0	0	-	-	0	0
030 Tuberculosis of Respiratory System.	2	2	4	3	10	8	18	71	4	3	7	2	10	7	17	9
031 Tuberculosis of Central Nervous System.	-	-	0	0	-	1	1	2	-	-	0	0	1	-	1	1
032 Tuberculosis of Intestines & Peritoneum.	-	-	0	0	1	1	2	4	-	-	0	0	1	-	1	1
033 Tuberculosis of Vertebral Column.	-	1	1	0	-	-	0	0	-	-	0	0	-	-	0	0
034 Tuberculosis of other bones and joints.	-	-	0	-	-	-	0	0	-	-	0	0	-	1	1	0
036 Tuberculosis of Lymphatic System.	-	-	0	0	1	-	1	0	-	-	0	0	-	-	0	0
040 Chronic Disseminated Tuberculosis.	-	-	0	0	-	-	0	2	-	-	0	0	-	-	0	0
042 Syphilis.	-	-	0	1	1	1	2	8	-	-	0	0	-	-	0	1
045 Septicaemia (Non-puerperal).	-	-	0	6	-	-	0	2	-	-	0	0	1	-	1	1
047 Malaria	-	-	0	0	-	-	0	0	-	1	1	0	1	-	1	0
063 Other Infectious Diseases	-	-	0	0	-	1	1	1	-	-	0	0	-	-	0	0
	4	4	8	14	20	21	41	124	6	5	11	3	19	11	30	18

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	4	4	8	14	20	21	41	124	6	5	11	3	19	11	30	18
2) <u>Malignant and Other Tumors.</u>																
00 Cancer of the Buccal Cavity & Pharynx.	3	-	3	0	-	-	0	1	-	-	0	0	-	-	0	0
01 Cancer of Digestive Organs.	6	3	9	6	1	-	1	0	1	-	1	0	-	-	0	1
02 Cancer of Respiratory Organs.	-	-	0	3	-	-	0	0	-	-	0	0	-	-	0	0
03 Cancer of Uterus.	-	1	1	1	-	-	0	1	-	-	0	0	-	-	0	0
04 Cancer of other Female Genital Organs.	-	-	0	0	-	1	1	0	-	-	0	0	-	-	0	0
05 Cancer of Female Urinary Organs.	-	1	1	0	-	-	0	0	-	-	0	0	-	-	0	0
06 Cancer of Breast.	-	4	4	0	-	-	0	1	-	-	0	0	-	-	0	0
07 Cancer of Male Genito-urinary Organs.	2	-	2	1	-	-	0	1	-	-	0	0	-	-	0	0
09 Cancer of Other or Unspecified Organs.	1	1	2	2	-	1	1	0	-	-	0	0	1	-	1	0
21 Non-malignant Tumours.	1	-	1	0	-	-	0	0	-	-	0	0	1	-	1	0
22 Tumours of Undetermined Nature.	1	-	1	1	-	-	0	0	-	-	0	1	-	1	1	0
TOTAL : GROUP 2.	14	0	24	14	1	2	3	4	1	0	1	1	2	1	3	1
3) <u>Rheumatism, Diseases of Nutrition etc.</u>																
49 Rheumatic Fever.	-	-	0	0	-	1	1	0	-	-	0	0	-	-	0	1
50 Rheumatic Affections of the heart.	-	1	1	0	-	-	0	2	-	-	0	0	-	-	0	0
51 Chronic Rheumatic	-	-	0	0	-	-	0	0	-	-	0	0	-	1	1	0
53 Diabetes.	-	3	3	3	-	-	0	1	-	-	0	0	-	-	0	0
56 Pellagra.	-	-	0	0	-	-	0	3	-	-	0	0	-	-	0	0
63 Tetany.	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
64 Other diseases of Thyroid Glands.	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
65 Diseases of the Thymus Gland.	-	-	0	0	-	-	0	1	-	-	0	-	-	-	0	0
67 Other General Diseases.	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
TOTAL : GROUP 3.	-	4	4	3	-	1	1	10	-	-	0	0	-	1	1	1
(4) <u>Diseases of the Blood etc.</u>																
200 Purpura.	1	-	1	0	-	-	0	1	-	-	0	0	-	-	0	0
204 Leucaemia.	1	-	1	0	-	-	0	1	-	-	0	0	-	-	0	0
206 Diseases of the Spleen.	1	-	1	1	-	-	0	0	-	-	0	0	-	-	0	0
207 Other Diseases of the blood etc.	-	1	1	0	-	-	0	0	-	-	0	0	-	-	0	0
TOTAL : GROUP 4.	3	1	4	1	-	-	0	2	-	-	0	0	-	-	0	0
TOTALS C/FORWARD	21	19	32	32	21	24	45	140	7	5	12	4	21	13	34	20

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.	21	19	40	32	21	24	45	140	7	5	12	4	21	13	34	20
5) Diseases of the Nervous System.																
00 Encephalitis.	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
01 Simple Meningitis	-	-	0	1	-	-	0	0	-	-	0	0	-	1	1	0
04 Cerebral Haemorrhage.	2	7	9	6	-	-	0	5	-	1	1	0	2	-	2	1
05 Cerebral Embolism & Thrombosis.	3	1	4	0	-	-	0	0	-	-	0	0	-	-	0	0
08 General Paralysis of Insane.	-	-	0	3	-	-	0	3	-	-	0	2	-	-	0	1
09 Other Forms of Insanity.	-	-	0	0	1	-	1	0	-	-	0	0	-	-	0	0
10 Epilepsy.	1	-	1	0	1	-	1	4	-	1	1	0	-	-	0	1
11. Infantile Convulsions (under 5 years).	-	-	0	0	-	-	0	0	1	-	1	0	2	1	3	0
12 Chorea.	-	1	1	0	-	-	0	0	-	-	0	0	-	-	0	0
13 Other diseases of Nervous system.	-	-	0	0	1	1	2	0	-	-	0	0	-	-	0	0
15 Disease of the Ear and Mastoid Sinus.	-	1	1	0	-	-	0	0	-	-	0	0	-	-	0	0
TOTAL : GROUP 6.	6	10	16	10	3	1	4	13	1	2	3	2	4	2	6	3
7) Diseases of the Circulatory System.																
50 Pericarditis.	-	-	0	0	-	-	0	2	-	-	0	0	-	-	0	0
51 Acute Endocarditis.	1	-	1	0	-	-	0	1	-	-	0	0	1	-	1	0
52 Chronic Endocarditis.	2	2	4	1	1	-	1	6	-	1	1	0	2	1	3	3
53 Acute Myocarditis.	1	-	1	1	-	1	1	2	-	-	0	0	1	-	1	0
54 Fatty Heart.	-	-	0	1	-	-	0	0	-	-	0	0	-	-	0	0
55 Other Diseases of Myocardium.	10	4	14	7	2	2	4	12	1	3	4	0	1	2	3	1
56 Disease of Coronary Arteries	5	3	8	9	-	-	0	0	-	1	1	0	5	2	7	0
57 Other diseases of Heart	3	2	5	3	2	-	2	10	1	-	1	0	2	3	5	1
58 Aneurysm.	1	-	1	0	1	-	1	1	-	-	0	0	1	-	1	0
59 Arterio-sclerosis	1	4	5	8	-	1	1	1	1	-	1	0	-	-	0	0
61 Other Gangrene	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
62 Other diseases of the Arteries.	1	-	1	2	-	-	0	1	-	-	0	0	-	2	2	0
63 Diseases of the Veins.	1	-	1	0	-	-	0	0	-	-	0	0	-	-	0	0
64 Disease of Lymphatic System.	-	1	1	0	-	-	0	0	-	-	0	0	-	-	0	0
65 Abnormalities of Blood Pressure	-	1	1	0	2	-	2	4	-	-	0	0	-	-	0	0
66 Other diseases of Circulatory System.	-	-	0	0	-	-	0	2	-	-	0	0	-	-	0	1
TOTAL : GROUP 7	26	17	43	32	8	4	12	43	3	5	8	0	13	10	23	6
TOTALS : C/FORW.	53	46	99	74	32	29	61	196	11	12	23	6	38	25	63	29

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/Twd.	53	46	99	74	32	29	61	196	11	12	23	6	38	25	63	29
8) Diseases of Re- spiratory Sys- tem.																
01 Disease of Lar- ynx.	1	-	1	0	-	-	0	0	-	-	0	0	-	-	0	0
02 Bronchitis : Acute	-	1	1	1	-	2	2	1	1	-	1	0	3	1	4	0
03 Bronch: Chronic	-	-	0	2	1	1	2	0	-	-	0	0	-	-	0	0
04 Broncho:Pneu- monia.	4	2	6	8	9	6	15	21	1	1	2	2	5	9	14	6
05 Pneumonia-Lobar	4	1	5	2	4	2	6	20	-	1	1	0	2	3	5	2
06 Pneumonia: Not otherwise de- fined.	3	4	7	1	1	2	3	4	1	-	1	0	2	-	2	2
07 Empyæma.	-	-	0	0	-	-	0	0	-	-	0	0	-	-	0	1
09 Pulm. Congestion	-	-	0	1	-	-	0	0	-	-	0	0	-	-	0	0
10 Asthma.	1	-	1	1	-	-	0	0	-	-	0	0	-	-	0	0
12 Other diseases of Respiratory system.	1	-	1	0	1	1	2	4	-	-	0	0	2	-	2	0
13 Miners' Phthisis (without T.B.)	-	-	0	1	-	-	0	0	-	-	0	0	-	-	0	0
TOTAL : GROUP 8	14	8	22	17	16	14	30	50	3	2	5	2	14	13	27	11
9) Diseases of Di- gestive System.																
52 Dis. of Oesop- hagus.	-	-	0	1	-	-	0	0	-	-	0	0	1	-	1	0
53 Ulcer of Stomach.	-	2	2	0	-	-	0	1	-	-	0	0	-	-	0	0
54 " of Duodenum.	1	-	1	0	1	-	1	0	-	-	0	0	-	-	0	0
55 Other diseases of stomach.	-	-	0	0	-	-	0	0	-	-	0	0	-	2	2	0
56 Diarrhoea & En- teritis (under two yrs).	1	-	1	1	20	17	37	29	1	1	2	1	3	2	5	2
57 Diarrhoea and enteritis (2 yrs and over).	1	-	1	0	2	-	2	7	-	-	0	1	-	3	3	0
58 Appendicitis.	1	2	3	1	-	-	0	1	-	-	0	0	1	-	1	1
60 Intestinal Ob- struction.	1	-	1	1	1	-	1	2	2	-	2	0	-	-	0	0
61 Other diseases of Intestines.	-	-	0	1	1	-	1	1	-	-	0	0	-	-	0	2
63 Cirrhosis of the liver (non-Al- coholic).	-	1	1	0	-	-	0	4	-	-	0	0	1	-	1	0
64 Acute Yellow Atrophy.	-	-	0	1	-	-	0	0	-	-	0	0	-	-	0	0
65 Oth. diseases of the liver.	-	1	1	0	-	-	0	3	-	-	0	0	-	1	1	0
66 Biliary Calculi.	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
67 Other diseases of Gall Bladder & Ducts	-	1	1	0	-	-	0	0	-	-	0	0	-	-	0	0
68 Dis. of Pancreas	-	-	0	1	-	-	0	0	-	-	0	0	-	-	0	0
69 Peritonitis with out stated cause	-	1	1	0	-	1	1	1	-	-	0	0	-	-	0	0
TOTAL : GROUP 9	5	8	13	7	25	18	43	50	3	1	4	2	6	8	14	5
TOTALS C/FORWARD	72	62	134	98	73	61	134	296	17	15	32	10	53	46	104	45

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 C/Fwd.	72	62	134	98	73	61	134	296	17	15	32	10	58	46	104	45
(10) <u>Non: V. Di-</u> <u>sease of Gen-</u> <u>ito-Urinary</u> <u>System.</u>																
500 Nephritis Ac.	-	1	1	0	-	-	0	3	-	-	0	0	-	-	0	0
501 " Chronic.	4	3	7	2	1	-	1	2	-	-	0	1	-	-	0	0
502 " not other																
wise defined.	-	-	0	0	2	1	3	3	-	-	0	0	2	1	3	0
503 Other diseases																
of Kidneys.	1	1	2	0	-	-	0	1	1	-	1	0	1	-	1	0
507 Diseases of																
Prostate.	2	-	2	6	-	-	0	1	-	-	0	0	-	-	0	0
511 Dis. of Uterus	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
TOTAL : GROUP 10.	7	5	2	8	3	1	4	11	1	-	1	1	3	1	4	0
(11) <u>Diseases of</u> <u>Pregnancy etc.</u>																
550 Post Abortive																
Sepsis.	-	-	0	1	-	-	0	2	-	-	0	0	-	-	0	0
551 Abortion -																
not rtd. as	-	-	0	0	-	-	0	1	-	-	0	0	-	1	1	0
Septic.																
552 Ectopic Ges-	-	-	0	0	-	-	0	0	-	-	0	0	-	-	0	1
tation.																
553 Other accidts																
of Pregnancy	-	1	1	0	-	-	0	0	-	-	0	0	-	-	0	0
554 Puerperal Haem-																
orrhage.	-	-	0	0	-	2	2	0	-	-	0	0	-	-	0	0
555 Puerperal																
Sepsis.	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
556 Puerperal Ao																
Albuminuria &	-	-	0	0	-	-	0	1	-	-	0	2	-	1	1	0
Convulsions.																
557 Other Toxae-	-	-	0	0	-	-	0	0	-	1	1	0	-	1	1	0
mias of Preg-																
nancy.																
559 Other Accidents																
of childbirth.	-	-	0	1	-	-	0	1	-	-	0	0	-	-	0	1
TOTAL : GROUP 11	-	1	1	2	-	2	2	6	-	1	1	2	-	3	3	2
(12) <u>Diseases of</u> <u>the skin etc.</u>																
501 Cellulitis -																
acute Abscess	-	-	0	0	-	-	0	1	-	1	1	0	-	-	0	1
502 Other diseases	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
of skin & Annexa																
TOTAL : GROUP 12	-	-	0	0	-	-	0	2	-	1	1	0	-	-	0	1
(13) <u>Diseases of the</u> <u>skin etc.</u>																
551 Oth. Dis. of																
Bones.	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
TOTAL : GROUP 13	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
TOTALS C/FWD.	79	68	147	108	76	64	140	316	18	17	35	13	61	50	111	48

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/Fwd.	79	63	147	108	76	64	140	316	18	17	35	13	61	50	111	48
(14) <u>Congenital Malformations.</u>																
701 Spina Bifida and Meningocele	-	-	0	1	-	-	0	0	-	-	0	0	1	-	1	0
702 Congenital Malformation of Heart.	1	-	1	0	1	-	1	0	-	-	0	0	-	-	0	0
703 Other Congenital malform.	-	1	1	0	-	-	0	0	-	-	0	0	-	-	0	0
TOTAL : GROUP 14.	1	1	2	1	1	-	1	0	0	0	0	0	1	-	1	0
(15) <u>Diseases of Early Infancy.</u>																
750 Congenital Debility	-	-	0	0	3	2	5	4	-	-	0	0	-	1	1	2
751 Premature Birth	3	1	4	0	4	2	6	7	-	-	0	0	-	-	0	1
752 Injury at Birth	-	-	0	1	1	1	2	4	-	-	0	0	-	1	1	0
753 Other diseases peculiar to Early Infancy.	2	1	3	0	1	4	5	4	1	1	2	0	2	-	2	5
TOTAL : GROUP 15	5	2	7	1	9	9	18	19	1	1	2	0	2	2	4	8
(16) <u>Old Age</u>																
800 Old age.	3	3	6	3	1	1	2	2	2	1	3	1	1	-	1	1
(17) <u>Deaths from Violence.</u>																
850 Suicide by Poisoning.	2	1	3	0	-	-	0	0	-	-	0	0	-	-	0	0
852 Suicide by Hanging or Strangulation.	-	-	0	1	-	-	0	1	-	-	0	0	-	-	0	0
853 Suicide by Drowning	-	1	1	0	-	-	0	0	-	-	0	0	0	-	0	0
855 Suic. by Cutting or Piercing Inst.	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
860 Homicide by Fire -arms.	-	-	0	1	-	-	0	1	-	-	0	0	-	-	0	0
861 Homicide by cutting or Piercing instrument	-	-	0	0	2	-	2	0	1	-	1	0	-	-	0	0
862 Homicide by other means.	1	-	1	0	2	-	2	2	-	-	0	0	-	-	0	0
863 Attack by Venomous animals.	-	-	0	1	-	-	0	0	-	-	0	0	-	-	0	0
868 Accidental Burns.	-	-	0	1	-	1	1	6	-	-	0	0	-	-	0	0
869 " Mechanical Suffocation.	-	1	1	1	-	-	0	1	-	-	0	0	-	-	0	0
875 Accidental Injury by Machinery.	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
876 Accidental Injury by Railw.	1	1	2	0	-	-	0	0	-	-	0	0	-	-	0	0
877 Accidental Injury by Motor Vehicles.	5	1	6	3	4	-	4	3	1	-	1	0	2	-	2	0
878 Accidental Injury by Motor Cycle.	1	-	1	0	-	-	0	0	-	-	0	0	-	-	0	0
Carried Forward	10	5	15	8	8	1	9	16	2	0	2	0	2	-	2	0
TOTALS : C/FORWARD	83	74	162	113	87	74	161	337	21	19	40	14	65	52	117	57

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	74	162	113	87	74	161	337	21	19	40	14	65	52	117	57
17) <u>Deaths from Violence Cont'd.</u>																
B/Forward	10	5	15	8	8	1	9	16	2	0	2	0	2	0	2	0
82 Accidental Injury by other Crushing.	-	-	0	0	-	-	0	1	-	-	0	0	-	-	0	0
83 Accidental Injury by Fall.	1	-	1	1	1	-	1	2	-	-	0	0	-	-	0	0
87 Injury by Animals.	-	-	0	0	1	-	1	1	-	-	0	0	-	-	0	0
92 Electricity (Lightning Excepted).	1	-	1	0	-	-	0	0	-	-	0	0	-	-	0	0
95 Other Accidental Violence.	1	-	1	0	1	-	1	0	-	-	0	0	-	-	0	0
96 Violent Deaths of Unstated Nature.	-	-	0	0	-	-	0	0	-	-	0	0	-	-	0	0
TOTAL : GROUP 17.	13	5	18	9	11	1	12	20	2	0	2	0	2	0	2	0
18) <u>Ill-Defined Diseases.</u>																
951 Cause of Death Unstated of Ill-defined.	-	-	0	0	-	-	0	0	-	-	0	0	2	1	3	1
TOTAL :	101	79	180	122	98	75	173	357	23	19	42	14	69	53	122	58

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

INFANTILE MORTALITYRESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
During 1st Week.	7	3	10	7	6	13	1	1	2		2	2	8	9	17
Rest of 1st Month.			0	2	4	6			0	1	2	3	3	6	9
2nd to 6th Months.	0	1	1	15	10	25	0	2	2	11	4	15	26	16	42
7th to 12th Months.	2	1	3	8	8	16	2	1	3	3	3	6	13	12	25
Total :	9	5	14	32	28	60	3	4	7	15	11	26	50	43	93

INFANTILE MORTALITY RATE

(DEATHS PER 1000 BIRTHS).

	European	Native	Coloured	Asiatic
1st Week.	27.0	65.7	19.8	7.8
Rest of 1st Month.	0	20.3	0	11.6
2nd to 6th Months.	2.6	126.2	19.8	58.1
7th to 12th Months.	8.0	80.8	29.7	23.2
Inf. Mortality Rate:	37.6	303.0	69.3	100.7

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

European	: 7.7%
Native	: 34.7%
Coloured	: 16.7%
Asiatic	: 21.3%
All Non-European	: 27.6%
All Races	: 20.7%

INFANTILE DEATHS FROM VARIOUS CAUSES EXPRESSEDAS A PERCENTAGE OF ALL INFANTILE DEATHS.

	European	Native	Coloured	Asiatic	All Non-Eur.
Gastro Intestinal Infect.	0	38.3	42.9	19.2	33.3
Bronchitis & Pneumonia	7.1	11.7	14.3	42.3	20.4
Malformations, Congenital					
Debility & Prematurity	42.9	20.0	0	7.7	15.1
Convulsions	0	0	0	7.7	2.1
Whooping Cough	0	10.0	14.3	0	7.5
Diphtheria	0	1.7	0	0	1.1
Injury at Birth	0	3.3	0	3.8	3.2
Other diseases peculiar to early infancy	21.4	6.6	23.6	7.7	8.6
Syphilis	0	1.7	0	0	1.1
Other causes	28.6	6.6	0	11.5	7.5
	100.0	100.0	100.0	100.0	100.0

INFANTILE MORTALITY

CAUSES OF DEATH

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur:		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Whooping Cough	-	-	0	2	4	6	0	1	1	-	-	0	2	5	7
Diphtheria	-	-	0	1	0	1	-	-	0	-	-	0	1	0	1
Diarrhoea Enteritis	-	-	0	14	9	23	1	1	2	3	2	5	18	12	30
Bronchitis (acute)	-	-	0	0	1	1	-	-	0	0	1	1	0	2	2
Broncho-Pneumonia	0	1	1	2	3	5	0	1	1	4	3	7	6	7	13
Lobar-Pneumonia	-	-	0	-	-	0	-	-	0	0	2	2	0	2	2
Pneumonia (not other- wise defined)	-	-	0	0	1	1	-	-	0	1	0	1	1	1	2
Other diseases of the respiratory system)	-	-	0	1	1	2	-	-	0	-	-	0	1	1	2
Congenital Malformation	1	1	2	1	0	1	-	-	0	1	0	1	2	0	2
Congenital debility	-	-	0	3	2	5	-	-	0	0	1	1	3	3	6
Premature Birth	3	1	4	4	2	6	-	-	0	-	-	0	4	2	6
Injury at Birth	-	-	0	1	1	2	-	-	0	0	1	1	1	2	3
Other diseases pecu- liar to early infancy	2	1	3	1	3	4	1	1	2	2	0	2	4	4	8
Convulsions	-	-	0	-	-	0	-	-	0	2	0	2	2	0	2
Intestinal Obstruction	1	0	1	1	0	1	-	-	0	-	-	0	1	0	1
Syphilis	-	-	0	0	1	1	-	-	0	-	-	0	0	1	1
Bacillary dysentery	-	-	0	-	-	0	1	0	1	-	-	0	1	0	1
Purpura	1	0	1	-	-	0	-	-	0	-	-	0	-	-	0
Other diseases of the blood or blood form- ing organs)	1	0	1	-	-	0	-	-	0	-	-	0	-	-	0
Nephritis	-	-	0	1	0	1	-	-	0	-	-	0	1	0	1
Heart disease (not de- fined)	0	1	1	-	-	0	-	-	0	-	-	0	-	-	0
Stomach disease (not defined)	-	-	0	-	-	0	-	-	0	0	1	1	0	1	1
Cause of death unstated or ill-defined	-	-	0	-	-	0	-	-	0	2	0	2	2	0	2
	9	5	14	32	23	60	3	4	7	15	11	26	50	43	93

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	-	-	0	1	1	2	-	1	1	-	-	0	1	2	3
August	-	1	1	1	-	1	-	-	0	2	-	2	3	-	3
September	-	-	0	1	1	2	1	-	1	3	1	4	5	2	7
October	-	1	1	-	1	1	-	-	0	2	1	3	2	2	4
November	1	-	1	1	-	1	-	-	0	2	1	3	3	1	4
December	-	-	0	-	1	1	-	-	0	1	1	2	1	2	3
January	-	-	0	-	1	1	-	-	0	-	1	1	-	2	2
February	-	-	0	3	-	3	1	-	1	-	-	0	4	-	4
March	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0
April	1	-	1	1	1	2	-	-	0	-	1	1	1	2	3
May	-	-	0	-	2	2	-	1	1	-	1	1	-	4	4
June	-	-	0	2	-	2	2	1	3	-	-	0	4	1	5
	2	2	4	10	8	18	4	3	7	10	7	17	24	18	42

DEATH RATES PER 1000 LIVING

European	: 0.19	
Native	: 1.48	
Coloured	: 3.14	All Persons 1.05
Asiatic	: 1.98	
All Non-European	: 1.83	

DEATHS OF RESIDENTS 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
2 - 4 years	-	-	0	1	1	2	-	-	0	-	-	0	1	1	2
5 - 14 years	-	-	0	1	-	1	-	-	0	-	-	0	1	-	1
15 - 24 years	-	1	1	-	-	0	-	1	1	5	6	11	5	7	12
25 - 34 years	-	-	0	1	4	5	2	1	3	2	1	3	5	6	11
35 - 44 years	-	1	1	4	-	4	1	-	1	2	-	2	7	0	7
45 - 54 years	-	-	0	2	1	3	-	-	0	1	-	1	3	1	4
55 - 64 years	2	-	2	1	1	2	1	1	2	-	-	0	2	2	4
65 - 74 years	-	-	0	-	1	1	-	-	0	-	-	0	-	1	1
TOTAL:	2	2	4	10	8	18	4	3	7	10	7	17	24	18	42

PULMONARY TUBERCULOSIS

DEATHS IN MONTHS OF THE YEAR

TABLE

	European			Native			Coloured			Asiatic			All		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
July	0	1	1	1	1	2	1	1	1	0	1	1	1	1	1
August	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
October	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
November	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
December	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
January	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
February	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
March	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
April	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
May	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total	2	2	4	10	8	12	4	3	7	10	7	10	10	10	10

DEATH RATE PER 1000 LIVING

European	1.01
Native	1.18
Coloured	1.14
Asiatic	1.08
All Non-European	1.03
All Persons	1.03

DEATHS OF RESIDENTS IN AGE GROUPS

	European			Native			Coloured			Asiatic			All		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
4 years	0	1	1	1	1	2	0	1	1	0	1	1	1	1	1
14 years	0	1	1	1	1	1	0	1	1	0	1	1	1	1	1
24 years	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34 years	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44 years	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54 years	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
64 years	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
74 years	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total	2	2	4	10	8	12	4	3	7	10	7	10	10	10	10

NON-PULMONARY TUBERCULOSIS:TOTAL OF DEATHS REGISTRATED AMONG RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur:		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Of the - Lymphatic Sys- tem	-	-	0	1	-	1	-	-	0	-	-	0	1	-	1
Of the - Central Nervous System	-	-	0	-	1	1	-	-	0	1	-	1	1	1	2
Of the Intestines and peritoneum	-	-	0	1	1	2	-	-	0	1	-	1	2	1	3
Of the Vertebral Column.	-	1	1	-	-	0	-	-	0	-	-	0	0	0	0
Other Bones & Joints	-	-	0	-	-	0	-	-	0	-	1	1	-	1	1
TOTAL	-	1	1	2	2	4	-	-	0	2	1	3	4	3	7

DEATH RATES PER 1000 LIVING.

Europeans	::	0.05		
Natives	::	0.33		
Coloureds	::	0.00	All Persons	0.18
Asiatics	::	0.35		
All Non-European:	::	0.30		

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NON-PULMONARY TUBERCULOSIS

TOTAL OF DEATHS REGISTERED AMONG NON-PULMONARY TUBERCULOSIS

	European			Native			Coloured			Asiatic			All Non-European		
	M	P	F	M	P	F	M	P	F	M	P	F	M	P	F
the Lymphatic System	-	0	-	1	-	1	-	0	-	-	0	-	1	-	1
the Central Nervous System	-	0	-	-	1	-	-	0	-	-	1	-	1	-	2
the Pleura and Peritoneum	-	0	-	1	1	2	-	0	-	-	1	-	2	1	3
the Vertebral Column	-	1	-	-	-	0	-	0	-	-	0	-	0	0	0
Other Bones & Joints	-	0	-	-	0	-	-	0	-	-	1	-	1	1	1
TOTAL	-	1	1	2	2	4	-	0	2	1	3	4	3	7	7

DEATH RATES PER 1000 LIVING

European	0.05
Native	0.22
Coloured	0.60
Asiatic	0.33
All Non-European	0.30

C A N C E R.DEATHS IN AGE GROUPS

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur:		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0
1 year	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0
2-4 yrs.	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0
5-14 "	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0
15-24 "	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0
25-34 "	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0
35-44 "	-	1	1	-	-	0	-	-	0	-	-	0	-	-	0
45-54 "	1	2	3	-	-	0	-	-	0	-	-	0	-	-	0
55-64 "	6	1	7	1	1	2	1	-	1	-	-	0	2	1	3
65-74 "	4	4	8	-	-	0	-	-	0	-	-	0	-	-	0
75-84 "	1	1	2	-	-	0	-	-	0	1	-	1	1	-	1
85 and over	-	1	1	-	1	1	-	-	0	-	-	0	-	1	1
TOTAL :	12	10	22	1	2	3	1	-	1	1	-	1	3	2	5

DEATH ~~PER 1000~~ PER 1000 LIVING

European	:	1.05
Natives	:	0.25
Coloured	:	0.45
Asiatics	:	0.12
All Non-European	:	0.22

FORMS OF CANCER CAUSING DEATH

	European			Native			Coloured			Asiatic			All Non-Eur:		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Buccal Cavity & Pharynx,	3	-	3	-	-	0	-	-	0	-	-	0	-	-	0
Digestive Organs.	6	3	9	1	-	1	1	-	1	-	-	0	2	-	2
Respiratory Organs.	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0
Uterus.	-	1	1	-	-	0	-	-	0	-	-	0	-	-	0
Other Fem. Gen:Organs	-	-	0	-	1	1	-	-	0	-	-	0	-	1	1
Female Urinary Organs	-	1	1	-	-	0	-	-	0	-	-	0	-	-	0
Breast	-	4	4	-	-	0	-	-	0	-	-	0	-	-	0
Male Genito-Urinary Organs	2	-	2	-	-	0	-	-	0	-	-	0	-	-	0
Other Unspecified Organs	1	1	2	-	1	1	-	-	0	1	-	1	1	1	2
	12	10	22	1	2	3	1	-	1	1	-	1	3	2	5

DEATHS IN ALL GROUPS

	European			Native			Coloured			Asiatic			ALL
	M	F	T	M	F	T	M	F	T	M	F	T	
1 year	-	-	0	-	-	0	-	-	0	-	-	0	-
1 year	-	-	0	-	-	0	-	-	0	-	-	0	-
2-4 yrs	-	-	0	-	-	0	-	-	0	-	-	0	-
5-12	-	-	0	-	-	0	-	-	0	-	-	0	-
13-24	-	-	0	-	-	0	-	-	0	-	-	0	-
25-34	-	-	0	-	-	0	-	-	0	-	-	0	-
35-44	-	-	0	-	-	0	-	-	0	-	-	0	-
45-54	1	1	1	-	-	0	-	-	0	-	-	0	-
55-64	1	2	3	-	-	0	-	-	0	-	-	0	-
65-74	3	1	7	1	1	3	1	-	1	-	-	0	1
75-84	4	2	8	-	-	0	-	-	0	-	-	0	-
85-94	1	1	3	-	-	0	-	-	0	1	-	1	-
95 and over	-	1	1	-	1	1	-	-	0	-	-	0	-
TOTAL	12	10	33	1	2	3	1	1	1	1	-	1	1

DEATHS IN PER 1000 LIVING

European : 1.08
 Native : 0.23
 Coloured : 0.43
 Asiatic : 0.12
 All Non-European : 0.28

DEATHS ON CAMPAIGN TRIPS

	European			Native			Coloured			Asiatic			ALL
	M	F	T	M	F	T	M	F	T	M	F	T	
1. Casual	3	-	3	-	-	0	1	-	1	-	-	0	-
2. Sudden	3	3	6	1	-	1	1	-	1	-	-	0	-
3. Sudden	-	-	0	-	-	0	-	-	0	-	-	0	-
4. Sudden	1	1	2	-	-	0	-	-	0	-	-	0	-
5. Sudden	1	1	2	-	-	0	-	-	0	-	-	0	-
6. Sudden	1	1	2	-	-	0	-	-	0	-	-	0	-
7. Sudden	-	-	0	-	-	0	-	-	0	-	-	0	-
8. Sudden	3	-	3	-	-	0	-	-	0	-	-	0	-
9. Sudden	1	1	2	-	-	0	-	-	0	-	-	0	-
TOTAL	12	10	33	1	2	3	1	1	1	1	-	1	1

PERCENTAGE OF ALL DEATHS FROM CANCER IN
FOUR AGE GROUPS.

AGE GROUP	EUROPEAN			NON-EUROPEAN		
	M	F	P	M	F	P
0 - 24	0	0	0	0	0	0
25 - 44	0	10.0	4.5	0	0	0
45 - 64	58.3	30.0	45.4	66.6	50	60
65 and over	41.7	60.0	51.1	33.4	50	40
	100.0	100.0	100.0	100.0	100	100

FORMS OF CANCER CAUSING DEATH.

GIVEN IN AGE GROUPS

RESIDENTS ONLY

	25 - 44				45 - 64				65 and over			
	Eur:		N-Eur:		Eur:		N-Eur:		Eur:		N-Eur:	
	M	F	M	F	M	F	M	F	M	F	M	F
Buccal Cavity & Pharynx.	-	-	0	0	2	0	0	0	1	-	-	-
Digestive Organs & peritoneum.	-	-	0	0	4	0	2	0	2	3	-	-
Uterus.	-	-	0	0	-	1	-	-	-	-	-	-
Other Fem. Gen: Organs.	-	-	0	0	-	-	0	0	-	-	-	1
Female Urinary Organs.	-	-	0	0	-	-	0	0	-	1	-	-
Male Genito-Urinary Organs.	-	-	0	0	-	-	0	0	2	-	-	-
Breast.	-	1	-	-	-	1	0	0	-	2	-	-
Unspecified.	-	-	0	0	1	1	-	1	-	-	1	-
	-	1	-	-	7	3	2	1	5	6	1	1

FORMS OF CAPITAL CARRYING CHARGE

DEATHS DUE TOBRONCHITIS AND PNEUMONIARESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur:		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	1	1	2	3	-	3	2	-	2	1	1	2	6	1	7
August	2	1	3	-	2	2	-	-	0	2	2	4	2	4	6
September	2	-	2	1	-	1	-	-	0	1	1	2	2	1	3
October	-	-	0	1	-	1	-	-	0	1	3	4	2	3	5
November	1	2	3	-	3	3	1	1	2	1	2	3	2	6	8
December	2	1	3	-	-	0	-	-	0	1	1	2	1	1	2
January	1	-	1	3	1	4	-	-	0	-	-	0	3	1	4
February	-	1	1	1	-	1	-	-	0	-	-	0	1	-	1
March	-	-	0	-	1	1	-	1	1	2	1	3	2	3	5
April	-	1	1	1	-	1	-	-	0	-	2	2	1	2	3
May	2	-	2	4	3	7	-	-	0	1	-	1	5	3	8
June	-	1	1	1	3	4	-	-	0	2	-	2	3	3	6
TOTAL :	11	8	19	15	13	28	3	2	5	12	13	25	30	28	58
Bronchitis	-	1	1	1	3	4	1	-	1	3	1	4	5	4	9
Pneumonia	11	7	18	14	10	24	2	2	4	9	12	21	25	24	49
Total :	11	8	19	15	13	28	3	2	5	12	13	25	30	28	58

DEATHS PER THOUSAND LIVINGBRONCHITIS

European	:	0.05	All Per- sons 0.23
Native	:	0.33	
Coloured	:	0.45	
Asiatic	:	0.47	
All Non-Eur:	:	0.39	

PNEUMONIA.

European	:	0.85	All Per- sons 1.52
Native	:	1.97	
Coloured	:	1.79	
Asiatic	:	2.45	
All Non-Eur:	:	2.14	

1890

100

No.	Name	Age	Sex	Religion	Marital Status	Occupation	Education	Health	Notes
1	J. A. Smith	35	M	Catholic	Single	Farmer	High School	Good	
2	M. J. Brown	42	F	Protestant	Married	Homemaker	Elementary	Fair	
3	R. L. Green	28	M	Baptist	Single	Teacher	College	Excellent	
4	S. P. White	50	M	Methodist	Married	Businessman	University	Good	
5	L. K. Black	30	F	Quaker	Single	Nurse	College	Very Good	
6	D. M. Gray	45	M	Anglican	Married	Engineer	High School	Fair	
7	H. N. Jones	25	F	Presbyterian	Single	Student	College	Good	
8	G. O. Miller	38	M	Evangelical	Married	Doctor	Medical School	Excellent	
9	K. R. Davis	40	F	Unitarian	Married	Librarian	High School	Fair	
10	P. S. Wilson	32	M	Seventh Day Adventist	Single	Farmer	Elementary	Good	

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

[illegible]

DISEASES OF THE HEART

(Code Nos. 350-357).

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	-	1	1	-	-	0	-	-	0	-	-	0	-	-	0
1 year	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0
2-4 years	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0
5-14 years	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0
15-24 years	-	-	0	1	-	1	-	-	0	1	1	2	2	1	3
25-34 years	1	-	1	-	1	1	-	-	0	-	-	0	-	1	1
35-44 years	3	-	3	1	-	1	1	-	1	1	-	1	3	-	3
45-54 years	3	2	5	1	-	1	-	1	1	5	1	6	6	2	8
55-64 years	2	-	2	1	2	3	1	2	3	2	3	5	4	7	11
65-74 years	4	4	8	1	-	1	-	-	0	3	3	6	4	3	7
75-84 years	6	4	10	-	-	0	-	1	1	-	-	0	-	1	1
85 and over	3	-	3	-	-	0	-	1	1	-	-	0	-	1	1
TOTAL :	22	11	33	5	3	8	2	5	7	12	8	20	19	16	35

DEATH RATE PER 1000 LIVING

European	:	1.57	
Native	:	0.65	
Coloured	:	3.14	
Asiatic	:	2.33	
All Non-European	:	1.52	
			All Persons 1.54

DEATHS BY AGE GROUP

(Code Nos. 280-327)

DEATHS IN AGE GROUPS

	European			Native			Coloured			Asiatic			All Non-		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
1 year	1	1	2	0	-	-	0	-	-	1	-	0	-	-	-
1 year	1	1	2	0	-	-	0	-	-	1	-	0	-	-	-
2-4 years	1	1	2	0	-	-	0	-	-	1	-	0	-	-	-
5-14 years	1	1	2	0	-	-	0	-	-	1	-	0	-	-	-
15-24 years	1	1	2	0	-	-	0	-	-	1	-	0	-	-	-
25-34 years	1	1	2	0	-	-	0	-	-	1	-	0	-	-	-
35-44 years	3	3	6	1	-	-	1	-	-	1	-	0	-	-	-
45-54 years	3	3	6	1	-	-	1	-	-	1	-	0	-	-	-
55-64 years	3	3	6	1	-	-	1	-	-	1	-	0	-	-	-
65-74 years	4	4	8	1	-	-	1	-	-	3	-	0	-	-	-
75-84 years	4	4	8	0	-	-	1	-	-	3	-	0	-	-	-
85 and over	3	3	6	0	-	-	1	-	-	0	-	0	-	-	-
TOTAL	22	22	44	8	8	16	8	8	16	12	12	24	12	12	24

DEATH RATE PER 1000 LIVING

All Non-European	1.62
Asiatic	1.52
Coloured	1.52
Native	0.88
European	1.57
All Persons	1.64

DEATHS DUE TO

DIARRHOEA AND ENTERITIS

(Under age of 2 years)

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
August	-	-	0	-	1	1	-	-	0	-	-	0	-	1	1
September	-	-	0	2	1	3	-	-	0	-	-	0	2	1	3
October	-	-	0	3	1	4	-	-	0	-	-	0	3	1	4
November	-	-	0	4	3	7	-	-	0	-	-	0	4	3	7
December	-	-	0	2	3	5	1	-	1	2	2	4	5	5	10
January	-	-	0	1	4	5	-	-	0	1	-	1	2	4	6
February	-	-	0	2	1	3	-	-	0	-	-	0	2	1	3
March	-	-	0	2	2	4	-	-	0	-	-	0	2	2	4
April	1	1	1	-	1	1	-	-	0	-	-	0	-	1	1
May	-	-	0	2	-	2	-	-	0	-	-	0	2	-	2
June	-	-	0	2	-	2	-	1	1	-	-	0	2	1	3
TOTAL :	1	-	1	20	17	37	1	1	2	3	2	5	24	20	44

DEATH RATE PER 1000 LIVING

European	:	0.04		
Native	:	3.04		
Coloured	:	0.89	All persons :	1.02
Asiatic	:	0.58		
All Non-European	:	1.91		

REPORT ON THE

DEPARTMENT OF AGRICULTURE

UNITED STATES DEPARTMENT OF AGRICULTURE

All Races	Asiatic			Coloured			Native			European		
	M	F	T	M	F	T	M	F	T	M	F	T
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF AGRICULTURE

European	0.04
Native	1.04
Coloured	0.90
Asiatic	0.92
All persons	1.00

NOTIFICATIONS OF INFECTIOUS DISEASERESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Enteric Fever	-	3	3	4	4	8	1	-	1	4	2	6	9	6	15
Enteric Fever Im-ported	1	-	1	-	-	0	-	-	0	1	-	1	1	-	1
Pulmonary Tuberculosis	5	3	8	25	15	40	4	4	8	10	10	20	39	29	68
Tuberculosis other forms	2	-	2	6	2	8	-	-	0	3	2	5	9	4	13
Scarlet Fever	23	9	32	-	-	0	-	-	0	-	-	0	-	-	0
Diphtheria	8	8	16	3	-	3	-	-	0	1	1	2	4	1	6
Typhus Fever	1	-	1	-	-	0	-	-	0	1	-	1	1	-	1
Trachoma	-	-	0	-	-	0	-	-	0	2	-	2	2	-	2
Gonorrhoeal Ophthalmia	2	-	2	3	-	3	-	1	1	1	-	1	4	1	5
Ophthalmia Neonatorum	1	-	1	-	2	2	-	-	0	-	-	0	-	2	2
Erysipelas	-	1	1	-	-	0	-	-	0	-	-	0	-	-	0
Leprosy	-	1	1	1	-	1	-	-	0	-	-	0	1	-	1
C.S.Meningitis	-	1	1	-	1	1	-	-	0	-	1	1	-	2	2
Malaria	1	-	1	2	-	2	-	-	0	-	-	0	2	-	2
TOTAL :	44	26	70	44	24	68	5	5	10	23	16	39	72	45	117

DISTRICTS OF RESIDENCE OF CASES SUFFERING
WITH ENTERIC FEVER AND PULMONARY TUBERCULOSIS

	Enteric Fever	Pulm. Tuberculosis
In City Area :		
East.	4	34
West.	4	13
Outside City Area:		
Camps Drift	3	3
Scottsville	1	2
Native Village	3	14
Hathorns Hill	-	1
Chase Valley	-	2
New Scotland	1	3
Alexandra Road Area	2	-
Zwaartkopskloof	-	2
Wembley Park	-	1
Mountain Rise	-	1
TOTAL	18	76

TUBERCULOSIS CLINIC

July 1st, 1936 to June 30th, 1937

	EUR:				NAT:				COL:				AS:				TOTAL				TOTAL		
	Bor:		O/B		Bor:		O/B		Bor:		O/B		Bor:		O/B		Bor:		O/B				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
New Cases	16	9	3	2	66	26	44	13	15	15	2	2	42	42	3	3	139	92	52	20	303		
Total Attendances	117	142	3	4	603	350	92	38	196	161	3	6	362	355	21	9	1273	1008	119	57	2462		
Sputa Examined	2	1	1	-	15	9	7	2	5	3	-	1	4	3	2	-	26	16	10	3	55		
Sputa Positive	-	-	-	-	3	2	1	-	-	1	-	-	1	-	-	-	4	3	1	-	8		
X-Ray Examns.	27	20	2	2	57	27	31	7	23	22	-	3	43	50	3	2	150	119	36	14	319		
X-Ray Positive.	1	2	-	-	8	6	8	2	3	3	-	-	7	5	-	-	19	16	8	2	45		
Positive Diagnosis made	1	1	-	-	12	6	1	-	2	1	-	-	2	4	-	-	17	12	1	-	30		
Admitted to Hospl.	1	2	1	-	4	2	1	2	-	1	1	-	2	-	-	-	7	5	3	2	17		
Contacts examined	5	2	1	-	9	6	1	-	6	8	1	-	13	15	-	-	33	31	3	-	67		
Additional Cases					Eur:				Col:				Nat:				Asiatic				Total		T
Admitted to Hospl. direct (not through T.B. Clinic)					M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
					3	2	3	1	13	4	5	2	24	9	33								
Cases sent to Springkell Sanatorium.					2	1	-	-	-	-	-	-	-	-	2	1	3						

HOME VISITS TO TUBERCULOSISAND THEIR CONTACTS

(To Borough Residents Only)

EUROPEAN	:	178
NATIVE	:	1361
COLOURED	:	949
ASIATIC	:	713
TOTAL	:	3201

[illegible]

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VENEREAL DISEASEV.D. CLINIC : BOROUGH AND OUT-OF-BOROUGH CASES.JULY 1936 - JUNE 1937

	European			Non-European			Total		
	M	F	P	M	F	P	M	F	P
<u>Syphilis</u>									
New Cases	14	2	16	413	498	911	427	500	927
Total Attendances	252	69	321	3901	3961	7862	4153	4030	8183
Attend. per case	18.0	34.5	20.0	9.4	8.0	8.6	9.7	8.0	8.8
<u>Gonorrhoea</u>									
New Cases	4	0	4	135	26	161	139	26	165
Total Attendances	71	0	71	5859	109	5968	5929	110	6039
Attend. per Case	17.5	0	17.5	43.4	4.0	37.0	42.6	4.0	36.6

V.D. CLINIC : DETAILED STATEMENT FOR 12 MONTHS.JULY 1st, 1936 - 30th JUNE, 1937

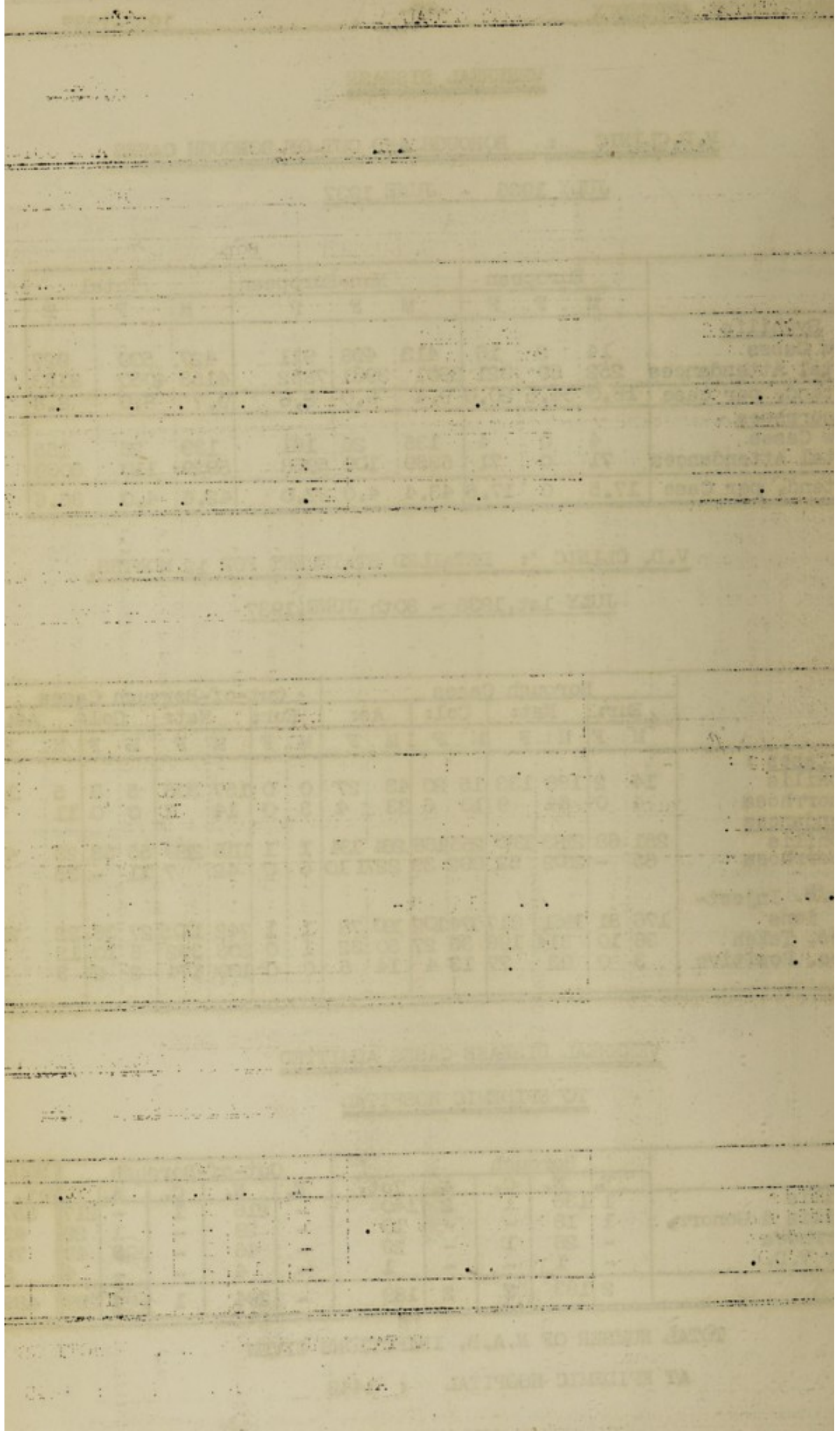
	Borough Cases								Out-of-Borough Cases							
	Eur:		Nat:		Col:		As:		Eur:		Nat:		Col:		As:	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>New Cases :</u>																
Syphilis	14	2	188	133	15	20	43	27	0	0	157	305	5	3	5	10
Gonorrhoea	4	0	64	9	10	6	33	4	3	0	14	7	0	0	11	0
<u>Attendances</u>																
Syphilis	251	68	2183	1370	255	166	264	134	1	1	1115	2189	55	58	28	43
Gonorrhoea	65	-	2602	52	892	39	2271	10	6	0	42	7	11	-	35	1
<u>N.A.B. Injections</u>																
Wass. Taken	176	31	1461	817	174	102	190	78	1	1	742	1305	27	36	22	28
Wass. Positive	36	10	314	196	36	27	50	32	1	0	203	392	6	10	12	9
Wass. Positive	3	0	93	77	13	4	14	6	0	0	100	174	2	2	3	1

VENEREAL DISEASE CASES ADMITTEDTO EPIDEMIC HOSPITAL

	Borough					Out-of-Borough					B&O/B
	E.	N.	C.	A.	Tot.	E.	N.	C.	A.	T.	Tot.
Syphilis	1	136	1	2	140	-	216	1	-	217	357
Syphilis & Gonorr.	1	18	-	-	19	-	28	-	1	29	48
Gonorrhoea	-	28	1	-	29	-	46	-	3	49	78
Other V.D.	-	1	-	-	1	-	4	-	-	4	5
	2	183	2	2	189	-	294	1	4	299	488

TOTAL NUMBER OF N.A.B. INJECTIONS GIVEN

AT EPIDEMIC HOSPITAL : 1448



ISOLATION HOSPITAL(a) Cases remaining on July 1st 1936.

	EUROPEAN						NON-EUROPEAN						Total
	<u>Borough</u> Cases			<u>O/Borough</u> Cases			<u>Borough</u> Cases			<u>O/Borgh.</u> Cases			
	M	F	P	M	F	P	M	F	P	M	F	P	
Scarlet Fever	2	4	6	1	-	1	-	-	0	-	-	0	7
Diphtheria	2	2	4	-	-	0	-	-	0	-	-	0	4
Chickenpox	-	1	1	-	-	0	-	-	0	-	-	0	1
C.S. Meningitis	1	-	1	-	-	0	-	-	0	-	-	0	1
	5	7	12	1	0	1	0	0	0	0	0	0	13

(b) Cases admitted July 1st, 1936 - June 30th, 1937

Diphtheria	8	7	15	1	6	7	4	1	5	2	-	2	29
Scarlet Fever	17	7	24	2	3	5	-	-	0	-	-	0	29
Whooping Cough	5	2	7	1	3	4	1	2	3	4	3	7	21
Measles	3	2	5	-	1	1	3	4	7	4	2	6	19
German Measles	3	24	27	5	4	9	-	-	0	-	-	0	36
Chickenpox	4	6	10	-	-	0	8	-	8	-	1	1	19
Mumps	6	2	8	1	-	1	-	-	0	-	-	0	9
Erysipelas	1	-	1	2	-	2	-	-	0	-	-	0	3
Meningitis	-	-	0	1	-	1	-	1	1	1	-	1	3
Observation	4	3	7	2	4	6	1	-	1	1	-	1	15
TOTAL :	51	53	104	15	21	36	17	8	25	12	6	18	183

(c) Cases remaining in Hospital on June 30th, 1937

Scarlet Fever	1	1	2	1	-	1	-	-	0	-	-	0	3
Diphtheria	1	-	1	-	-	0	-	-	0	-	-	0	1
Mumps	2	-	2	-	-	0	-	-	0	-	-	0	2
Measles	-	-	0	-	-	0	-	1	1	-	-	0	1
Observation	-	-	0	-	1	1	-	-	0	-	-	0	1
TOTAL :	4	1	5	1	1	2	0	1	1	0	0	0	8

(d) Average Length of Stay in Hospital per Case.

Diphtheria	:	28
Scarlet Fever	:	30
Whooping Cough	:	24
Measles	:	12
German Measles	:	6
Chickenpox	:	11
Mumps	:	11
Other Diseases	:	6

(e) Deaths : 3 Europeans : Natives 9 : -

	Borough		O/Borough		Total
	Eur:	N-EUR:	Eur:	N-EUR:	
Diphtheria	-	1	1	-	2
Whooping Cough	-	1	-	1	2
Whooping Cough & Pneumonia	-	-	-	2	2
Measles & Pneumonia	-	-	-	1	1
C.S. Meningitis	-	1	1	2	4
Chronic Nephritis (Observa)	1	-	-	-	1
Total :	1	3	2	6	12

TESTATION REPORT

(a) Cases remaining on July 1st 1918

Category	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2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EPIDEMIC HOSPITAL(a) Cases remaining in Hospital on July 1st 1936

	Borough Cases	Out-of-Borough Cases	Total
Syphilis	3	9	12
Syphilis & Gonorrhoea	1	0	1
Gonorrhoea	0	0	0
Soft Chancre	1	0	1
Other Diseases	1	1	2
TOTAL :	6	10	16

(b) Cases admitted July 1 st 1936 - June 30th 1937

	Borough Cases					Out-of-Borough Cases					Total
	E.	N.	C.	A.	Tot.	E.	N.	Col.	As.	Tot.	B & O/B
Syphilis a	1	134	1	2	138	-	211	1	-	212	350
Syphilis b	-	1	-	-	1	-	1	-	-	1	2
Syphilis d	-	1	-	-	1	-	4	-	-	4	5
Syphilis & Gonorrhoea.	1	18	-	-	19	-	28	-	1	29	48
Gonorrhoea	-	28	1	-	29	-	46	-	3	49	78
Other Venereal Dis:	-	1	-	-	1	-	4	-	-	4	5
Chickenpox	-	3	-	-	3	-	-	-	-	-	3
Diphtheria	-	1	-	2	3	-	-	-	-	-	3
Leprosy	-	1	-	-	1	-	1	-	-	1	2
TOTAL :	2	183	2	4	196	0	295	1	4	300	496

(c) Cases remaining in hospital on June 30th 1937

	Borough Cases					Out-of-Borough Cases					Total
	E.	N.	Col.	A.	Tot.	E.	N.	Col.	As.	Tot.	B & O/B
Syphilis a	-	20	1	-	21	-	25	-	-	25	46
Syphilis & Gonorrh.	-	5	-	-	5	-	10	-	1	11	16
Gonorrhoea	-	9	1	-	10	-	11	-	1	12	22
TOTAL :	0	34	2	0	36	0	46	0	2	48	84

(d) Average Length of Stay in Hospital per Case

Syphilis	:	20
Gonorrhoea	:	20
Syphilis & Gon.	:	25
Other Diseases	:	12

(e) Total Deaths : Nil.

INFANT WELFARE1. INFANT CLINICS.

	European	Coloured	Native	Asiatic	Total
Number on Register	506	170	262	181	1119
Total Attendances	4470	1756	1964	1700	9890
Av. Attendance per Person	8.8	10.3	7.4	9.3	8.8

2. HOME VISITS.

	European	Coloured	Native	Asiatic	Total
Ante-Natal	73	29	85	227	414
First Visits (Notified Births)	258	126	244	277	905
Re-Visits - 1 year	555	291	3314	1014	5174
" " 1-6 yrs	877	389	2214	923	4403
Infectious Disease (Non-T.B.)	166	17	-	181	364
Protected Children	11	29	-	-	40
Confinement Visits	-	-	215	-	215
Other Visits	11	9	42	23	85
TOTAL :	1951	890	6114	2645	11,600

3. MILK DISTRIBUTED.

	European	Coloured	Native	Asiatic	Total
Pints supplied	2366	3897	245	3229	9,737

DISINFECTION AND DISINFESTATION.

Rooms disinfected because of disease	196
Rooms fumigated for destruction of vermin	528
Bedding, Clothing, etc.	198 lots

[Faint handwritten notes at the bottom of the page]

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

1941-1942

100

1870

E. coli O157:H7 was detected in 10% of the samples collected from the water supply system.

554

1870

100

DATE

Downloaded from <http://ajphaphysiol.org/> by guest on September 11, 2012

10

— 2 —

FOODSTUFFS1. MILK.BACTERIOLOGICAL EXAMINATION.

Samples with less than 30,000 bacteria per c.c.	:	64
" " between 30,000 & 200,000 bac per c.c.:	:	44
" " more than 200,000 bacteria per c.c.	:	21
		<u>129.</u>
Samples with B. Coli in 1/100 c.c. or less	:	62
" " B. Coli in 1/10 but not in 1/100 c.c.:	:	27
" " no B. Coli in 1/10 c.c.	:	40
		<u>129</u>

CHEMICAL EXAMINATION.

Samples with Milk Fat above 4%	:	68
" " " " between 3.5% and 4%	:	60
" " " " " 3.0% & 3.5%	:	15
" " " " below 3.0%	:	3
		<u>146</u>
Samples with Solids-Not-Fat 8.5% or more	:	82
" " " " " between 8.0% & 8.5%	:	61
" " " " " below 8.0%	:	3
		<u>146</u>

NOTE

78 Milk Samples were examined by the Government Analyst and 68 Samples were examined by the Staff of the Cedara Experimental Farm in connection with the Clean Milk Competition.

2. ICE CREAM.

Samples containing 8% Milk Fat and more	:	4
" " under 8% Milk Fat	:	0
		<u>4</u>

3. BREAD.

Samples of Bread Examined (All Genuine)	:	3
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4. MEAT.

Samples of Mince Meat conforming with standard	:	1
" " " " not conforming " "	:	1
(contained preservative)	:	1
Samples of Sausages conforming with standard	:	1
" " " " not conforming " "	:	1
(excess preservative)	:	1
		<u>4</u>

EXHIBIT A-107

EXHIBIT A-107

Examination of the evidence shows that the evidence is consistent with the evidence in the case. The evidence is consistent with the evidence in the case. The evidence is consistent with the evidence in the case.

EXHIBIT A-107

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EXHIBIT A-107

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EXHIBIT A-107

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FOODSTUFFS CONDEMNED AS UNFIT FOR
HUMAN CONSUMPTION.

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

Apples	:	$\frac{1}{2}$	case
Apricots	:	28	trays
Avocada Pears	:	1	case
Bacon	:	4	lbs (sliced)
Bacon	:	36	packets (sliced)
Bringals	:	33	pockets
Blesbok	:	5	
Beef	:	169	lbs
Cabbages	:	10	lots
Ducks	:	5	
Cucumbers	:	1	tin (pickled)
Eggs	:	69	dozen
Fowls	:	48	dressed
Fowls	:	21	Live
Fowls (Guinea)	:	1	
Grapes	:	26	trays
Grapefruit	:	1	pocket
Gooseberries	:	1	box
Ham	:	24 $\frac{1}{2}$	lbs
Hares	:	19	
Herrings	:	9	tins
Lemons	:	28	pockets
Letchies	:	1	tray
Melons water	:	176	
Marrows	:	15	pockets
Mangoes	:	7	boxes
Oranges	:	10	pockets
Paw-Paws	:	1	tray
Peas	:	6	bags
Peas	:	53	pockets
Peas	:	1	sack
Pears	:	56	trays
Pears	:	1	case
Peaches	:	1	tin
Peaches	:	58	trays
Peaches	:	15	baskets
Peaches	:	1	case
Peaches	:	1	sack
Partridges	:	5	
Plums	:	21	baskets
Plums	:	11	trays
Pork	:	94	lbs
Potatoes	:	5	sacks
Pumpkins	:	4	
Sardines	:	141	tins
Salmon	:	5	tins
Sausages	:	67	lbs
Turkeys	:	1	

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ABATTOIR1. ANIMALS SLAUGHTERED.

CATTLE	:	8,968
CALVES	:	718
SHEEP	:	31,278
PIGS	:	2,183
GOATS	:	66

TOTAL	:	43,213
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2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS.

QUARTERS BEEF	:	286
CARCASES VEAL	:	44
CARCASES PORK	:	19

3. INCIDENCE OF CERTAIN DISEASES.

DISEASE	Carcases Examined	Carcases Infected	% Infected	Carcases Condemned	% Condemned
CATTLE- "Measles" (Cysticercus Bovis)	8,968	559	6.23 %	106	1.18 %
CALVES- "Measles" (Cysticercus Bovis)	715	40	5.59 %	40	5.59 %
PIGS - "Measles " (Cystic.Cellulosae	2,183	39	1.78 %	39	1.78 %
CATTLE- Tuberculosis	8,968	55	0.61 %	11	0.12 %
PIGS - Tuberculosis	2,183	104	4.76 %	5	0.22 %

4. SUMMARY OF MEAT CONDEMNED.

	Carcases.	Approx. Weight
BEEF.	166	72, 020 lbs.
BEEF - Portions of Carcases, organs, etc.		101, 650 "
VEAL	55	2, 605 "
PORK	51	5, 340 "
PORK - Organs etc..		2, 050 "
MUTTON	146	3, 375 "
MUTTON - Organs etc ...		59, 193 "
Total		246, 233 lbs.

ABATTOIR Cont'd.

MEAT CONDEMNED.

(Approximate Weight).

Statement of Carcases and Meat found to be affected with disease and unfit for human consumption : 1/7/36 - 30/6/37.

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STATEMENT OF ACCOUNTS

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STATEMENT OF ACCOUNTS

LICENCE APPLICATIONS.

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

[illegible]

KEY TO ABOVE TABLE : -

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

(2) Applications dealt with under Urban Areas Act.

Applications received	42
Applications returned "Not in Order"....	7
Applications approved for Temporary Licence	34
Applications approved subject to certain conditions.....	1

Sanitation Cont'd.

B/Forward

9391

REPORTS FOR TRANSMISSION TO CITY ENGINEER AND OTHER DEPARTMENTS

(1)	Stopped drains	44	
	Defective Water Fittings	3	
	Other Defects	90	
	Unauthorised Structures	0	
	Sites, etc. re Plans...	274	
						<hr/>	411

(2) Municipal Native Administration Department.

Inspection of Premises Under Urban Areas Act	182
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(3) Licensing Department.

Inspection of Premises re License Applications	1316
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TOTAL :	<hr/> 11,300 <hr/>
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Registration Card

REPORT FOR TRANSMISSION TO THE DEPARTMENT OF THE INTERIOR

Stopped during
Inspection of
Stops, etc., to
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Inspection of
Inspection of

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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.	Sanitary Defects.	Withdrawn.	Complied with.
Public Health By-Laws 1,27,28.	Insanitary condition of stables.	Guilty.	Cautioned & discharged.
Public Health By-Laws 1,2,14,18.	Insanitary condition of premises.	Guilty.	Fined £2. or 10 days I.H.L. suspended for 6 weeks.
Food,Drugs & Dis.Act Sect.7(1) Reglms.	Sale of milk below standard.	Guilty.	Fined £5. or 14 days I.H.L.
Dairy By-Law 3(c)	Supplying milk from unregistered premises.	Not Guilty.	Discharged.
Public Health By-Laws 1,2,18,26.	Insanitary condition of premises.	Guilty.	Fined £1.
Dairy By-Laws 12(b) and (c)	Filling milk cans etc. in streets.	Signed admission of guilt.	Fined 10/-
Food, Drugs & Dis.Act. Sect 14(4) Reglms.	Addition of preservative to mince meat.	Signed admission of guilt.	Fined 10/-.
Food,Drugs & Dis.Act Sect.5(2) Reglms.	Excess of preservative in sausages.	Signed admission of guilt.	Fined £2.
Food,Drugs & Dis.Act Sect.7(1) Reglms.	Sale of milk below standard.	Guilty.	Fined £1.
Food, Drugs & Dis.Act. Sect.7(1) Reglms.	Sale of milk below standard.	Guilty.	Fined £2.or 1 month I.H.L. suspended for 3 months.
Public Health Act 36/1919.Sect.54(2) and (3).	Leaving Epidemic Hospital without permission.	Guilty.	6 weeks I.H.L.
P.H.Act 36/1919. Sect.54(2) & (3).	Leaving Epidemic Hospital without permission.	Guilty.	2 months I.H.L. suspended provided treatment is resumed
P.H.Act 36/1919. Sect.54(2) & (3).	ditto ditto	Unable to trace.	
P.H.ACT 36/1919 Sect.54(2) & (3).	ditto ditto	Guilty.	6 weeks I.H.L. suspended provided treatment is resumed.
P.H.Act 36/1919. Sect.54(2) & (3).	ditto ditto	Case pending	

EXHIBIT

Date	Description	Particulars	Amount
1912	To Balance	By Balance	100.00
1913	To Balance	By Balance	100.00
1914	To Balance	By Balance	100.00
1915	To Balance	By Balance	100.00
1916	To Balance	By Balance	100.00
1917	To Balance	By Balance	100.00
1918	To Balance	By Balance	100.00
1919	To Balance	By Balance	100.00
1920	To Balance	By Balance	100.00
1921	To Balance	By Balance	100.00
1922	To Balance	By Balance	100.00
1923	To Balance	By Balance	100.00
1924	To Balance	By Balance	100.00
1925	To Balance	By Balance	100.00
1926	To Balance	By Balance	100.00
1927	To Balance	By Balance	100.00
1928	To Balance	By Balance	100.00

CONDEMNED PREMISESRooms and Buildings condemned and/or demolished(a) Under Public Health By-Law 19(a) : (Condemnation):-

Greyling Street, 530.	5 brick rooms and kitchen.
Church Street, 87 & 89.	Premises subsequently rendered fit for habitation.
Rosedale Road, 70.	2 wood and iron rooms & kitchen and wood and iron privy.
Church Street, 45.	1 brick room and kitchen. 4 green brick rooms and kitchen.
Berg Street, 332.	5 green brick rooms and kitchen. (semi-detached)
Berg Street, 330.	3 green brick rooms and kitchen (semi-detached)

(b) Under Public Health By-Law 19(b) : (Demolition) :-

Greyling Street, 530.	5 green brick rooms & kitchen.
Town Lands, Hathorn's Hill.	3 iron shacks.
Pietermaritz St., 24.	6 green & burnt brick rooms, kitchen and bathroom. 2 detached rooms.
Church Street, 88.	2 green and burnt brick rooms.
East Street, 135.	1 wood and iron room.
Berg Street, 324.	5 green brick rooms and kitchen.
Church Street, 491-499.	22 wood and iron rooms and 5 green brick kitchens.

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STANDARD PRICES

Rooms and Buildings constructed and/or demolished

(a) Upper Middle Section (1896-1897) (Continued):

Greenville Street, 230.	5 brick rooms and kitchen.
Church Street, 27 & 28.	Premises subsequently destroyed for restoration.
Rosedale Road, 70.	2 wood and iron rooms & kitchen and wood and iron entry.
Church Street, 45.	1 brick room and kitchen. 4 green brick rooms and kitchen.
Bay Street, 302.	5 green brick rooms and kitchen (semi-detached).
Bay Street, 330.	5 green brick rooms and kitchen (semi-detached).

(b) Lower Middle Section (1896-1897) (Continued):

Greenville Street, 230.	5 green brick rooms & kitchen.
Rowe Lane, Galt's Hill.	3 iron annexe.
Plantation Road, 21.	6 green & burnt brick rooms, kitchen and bathroom. 2 detached rooms.
Church Street, 68.	3 green and burnt brick rooms.
Bay Street, 302.	1 wood and iron room.
Bay Street, 302.	5 green brick rooms and kitchen.
Church Street, 431-432.	22 wood and iron rooms and 5 green brick kitchens.

