CITY OF PIETERMARITZBURG

REPORT

OF THE

MEDICAL OFFICER OF HEALTH

For the year ended
31st December, 1955

CITY OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT

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REPORT OF THE MEDICAL OFFICER OF HEALTH ON THE PUBLIC HEALTH AND SANITARY CIRCUMSTANCES OF THE CITY OF PIETERMARITZBURG FOR THE YEAR ENDED 31st DECEMBER, 1955.

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BY

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

MEDICAL OFFICER OF HEALTH

INTRODUCTORY

CITY OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT

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

Ladies and Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary Circumstances of the City of Pietermaritzburg, for the calendar year 1955.

There was a 25% increase over the last year in the incidence of Infectious Disease, due almost entirely to an increase in Non-European Tuberculosis. Poliomyelitis was only a little less prevalent this year than last year, but Diphtheria showed an increased prevalence.

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

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

I have the honour to be,

Ladies and Gentlemen,

Your obedient servant,

M. Maister

MEDICAL OFFICER OF HEALTH

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CLIMATE AND RATEABLE VALUE

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

TEMPERATURE AND RAINFALL:

	RAINFALL IN INCHES	ATMOSPHERIC TEMPERATURE Av. Daily Maximum °	Av. Daily Minimum °	Av. Daily Mean. °	RELATIVE HUMIDITY Average Daily
January	6.85	79.9	62.6	71.2	79.9%
February	7.72	80.2	62.6	71.4	84.9%
March	8.29	78.7	59.5	69.1	85.0%
April	2.37	76.9	54.7	65.8	85.6%
May	0.34	74.1	47.7	60.9	86.2%
June	0.65	64.7	40.9	52.8	86.0%
July	0.00	72.7	37.6	55.1	80.4%
August	0.50	73.1	39.7	56.4	65.3%
September	1.47	77.5	45.9	61.7	63.7%
October	2.21	74.5	53.1	63.8	75.3%
November	2.92	77.1	56.3	66.7	79.7%
December	4.09	78.7	60.3	69.5	81.0%
Total	37.41				

AREA OF MUNICIPALITY : 50 sq. miles

Value of Rateable Property : £21,620,800

Exempted Property : £ 8,065,200

RATES: General - Land - 6½d in £
Buildings - 3⅛d in £

Water - ⅝d per £

CITY OF PIETERMARITZBURG

LEADING VITAL STATISTICS

YEAR ENDING 31st DECEMBER, 1955.

(Average Rate for period 1945 - 1954 in brackets for comparison).

	European	Native	Coloured	Asiatic
* POPULATION (Estimated) at December 31st, 1955	34,700	24,750	4,201	23,450
BIRTHS REGISTERED BIRTH RATE (Per 1,000 Population)	664 19.1 (23.8)	1,114 45.0 (20.3)	174 41.4 (51.8)	686 29.3 (54.3)
ILLEGITIMATE BIRTHS (Percentage of total births)	5 0.8% (1.2%)	418 37.5% (48.6%)	32 18.4% (22.4%)	12 1.8% (1.2%)
DEATHS CRUDE DEATH RATE (Corrected for outward transfer)	313 9.0 (9.8)	223 9.0 (12.8)	37 8.8 (15.3)	148 6.3 (11.0)
INFANTILE MORTALITY (Up to 1 Year) DEATHS RATE (Per 1,000 Births)	14 21.1 (24.8)	85 76.3 (203.5)	10 57.5 (77.0)	35 51.0 (45.6)
DEATHS in children from 1 - 4 years (incl.) RATE (Per 1,000 Population)	1 0.02 (0.2)	51 2.1 (1.9)	1 0.2 (1.7)	11 0.5 (1.1)
PULMONARY TUBERCULOSIS Code No. 015. DEATHS RATE (Per 1,000 Population)	0 0 (0.2)	11 0.4 (1.4)	2 0.5 (1.5)	2 0.1 (1.0)
TUBERCULOSIS - OTHER FORMS Code Nos. 016 - 025. DEATHS RATE (Per 1,000 Population)	1 0.02 (0.02)	4 0.2 (0.3)	0 0 (0.4)	0 0 (0.2)
ENTERIC FEVER Code No. 001. DEATHS RATE (Per 1,000 Population)	0 0 (0.02)	1 0.04 (0.2)	0 0 (0.14)	0 0 (0.2)
CANCER AND OTHER TUMOURS Code Nos. 100 - 136. DEATHS RATE (Per 1,000 Population)	43 1.2 (1.3)	6 0.24 (0.2)	3 0.7 (0.8)	6 0.3 (0.4)
DISEASES OF THE HEART AND CIRCULATORY SYSTEM Code Nos. 350 - 368. DEATHS RATE (Per 1,000 Population)	131 3.7 (3.7)	17 0.7 (1.2)	7 1.7 (3.1)	44 1.9 (1.8)
BRONCHITIS AND PNEUMONIA Code Nos. 402 - 406. DEATHS RATE (Per 1,000 Population)	13 0.42 (0.5)	28 1.1 (2.0)	1 0.2 (1.6)	18 0.8 (1.2)

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

BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.

(1) VITAL STATISTICS:

POPULATION:

This is an estimate of the population as at December 31st, 1955, calculated for Vital Statistical purposes. Temporary Visitors, the inmates of the Mental Hospital and Fort Napier Institution, the prisoners in the Gaols and the patients in the Hospitals and the Sanatorium are excluded. This estimate is based on the Government Census of May 8th, 1951.

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Male	16,630	15,990	2,046	11,950	29,986	46,616
Female	18,070	8,760	2,155	11,500	22,415	40,485
PERSONS	34,700	24,750	4,201	23,450	52,401	87,101

TOTAL BIRTHS REGISTERED

(A) RESIDENTS

	Male		Female		Persons			Percentage of illeg. to all Births	Birth Rate per 1,000 Population
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total		
European	349	3	310	2	659	5	664	0.8%	19.1
Native	335	205	361	213	696	418	1114	37.5%	45.0
Coloured	65	18	77	14	142	32	174	18.4%	41.4
Asiatic	345	5	329	7	674	12	686	1.8%	29.3
All Non-Eur.	745	228	767	234	1512	462	1974	23.4%	37.7
All Races	1094	231	1077	236	2171	467	2638	17.7%	30.3

(B) NON-RESIDENTS

	Male		Female		Persons			Percentage of illeg. to all Births
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total	
European	123	0	115	1	238	1	239	0.4%
Native	2	3	1	6	3	9	12	75%
Coloured	4	4	5	1	9	5	14	36%
Asiatic	7	0	7	0	14	0	14	0%
All Non-Eur.	13	7	13	7	26	14	40	35%
All Races	136	7	128	8	264	15	279	5.4%

DEATHS

TOTAL DEATHS REGISTERED

A. RESIDENTS

	Male		Female		Persons	
	Deaths	Rate per 1,000 Male Population	Deaths	Rate per 1,000 Female Population	Deaths	Death Rate (Per 1,000 Population)
ropean	155	9.3	158	8.7	313	9.0
ative	112	7.0	111	12.7	223	9.0
loured	21	10.3	16	7.4	37	8.8
siatic	81	6.8	67	5.8	148	6.3
LL NON-EUR.	214	7.1	194	8.7	408	7.8
LL RACES	369	7.9	352	8.7	721	8.3

B. NON-RESIDENT

European	:	123
Native	:	57
Coloured	:	17
Asiatic	:	11
All Non-Eur.	:	85
All Races	:	208

DEATHS (Pages 5-7).

Death rates were a little higher this year in Europeans, but all Non-European rates showed an improvement.

The death rate for all races was 8.3 as compared with 8.2 last year.

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

European	:	10%	(13% last year)
Native	:	82%	(73% last year)
Coloured	:	54%	(57% last year)
Asiatic	:	45%	(57% last year)
All Non-European	:	66%	(66% last year)

These figures once again show how much better the expectation of life is for Europeans than for Non-Europeans. The table on page 7 also indicates that Cardiac and Circulatory disease far outweighs all other causes of death among Europeans. Among Non-Europeans, respiratory disease, heart disease and bowel infections were approximately of equal importance as the main cases of death.

DEATHS AND DEATH RATES (PER 1,000 POPULATION) : VARIOUS CAUSES.

ABRIDGED LIST. (5th Decennial Revision of International List).

RESIDENTS ONLY

	European		Native		Coloured		Asiatic		All Non-Europeans		All Races	
1. Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-
2. Plague	-	-	-	-	-	-	-	-	-	-	-	-
3. Meningococcal C.S. Meningitis	-	-	1	0.04	-	-	-	-	1	0.02	1	0.01
4. Scarlet Fever	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough	-	-	1	0.04	-	-	-	-	1	0.02	1	0.01
6. Diphtheria	1	0.02	1	0.04	-	-	1	0.04	2	0.04	3	0.03
7. Pulmonary Tuberculosis	-	-	11	0.44	2	0.47	2	0.08	15	0.28	15	0.17
8. T.B. - Non-Pulmonary	1	0.02	4	0.16	-	-	-	-	4	0.08	5	0.05
9. Leprosy	-	-	-	-	-	-	-	-	-	-	-	-
10. Malaria	-	-	-	-	-	-	-	-	-	-	-	-
11. Syphilis (all forms)	-	-	1	0.04	1	0.23	-	-	2	0.04	2	0.02
12. Influenza	1	0.02	1	0.04	-	-	-	-	1	0.02	2	0.02
13. Smallpox	-	-	-	-	-	-	-	-	-	-	-	-
14. Measles	-	-	1	0.04	-	-	-	-	1	0.02	1	0.01
15. Typhus Fever	-	-	-	-	-	-	-	-	-	-	-	-
16. Cancer	43	1.2	5	0.20	3	0.71	6	0.25	14	0.26	57	0.65
17. Diabetes	1	0.02	-	-	1	0.23	1	0.04	2	0.04	3	0.03
18. Cerebral Haem., etc.	31	0.9	8	0.32	3	0.71	15	0.63	26	0.49	57	0.65
19. Cardiac Disease	116	3.34	16	0.64	5	1.19	38	1.62	59	1.12	175	2.00
20. Other Dis. of Circulatory System	16	0.46	1	0.04	2	0.47	5	0.21	8	0.15	24	0.27
21. Bronchitis and Pneumonia	13	0.37	27	1.09	1	0.23	17	0.72	45	0.85	58	0.66
22. Miner's Phthisis without T.B.	1	0.02	-	-	-	-	-	-	-	-	1	0.01
23. Miner's Phthises with T.B.	-	-	-	-	-	-	-	-	-	-	-	-
24. Other Respiratory Diseases	6	0.16	8	0.32	-	-	6	0.25	14	0.26	20	0.22
25. Ulcer of Stomach and Duodenum	4	0.11	-	-	-	-	1	0.04	1	0.02	5	0.05
26. Diarrhoea and Enteritis (Under 2 years)	-	-	41	1.65	4	0.95	9	0.38	54	1.03	54	0.61
27. Appendicitis	2	0.05	-	-	-	-	-	-	-	-	2	0.02
28. Diseases of Liver and Biliary Passage	4	0.11	4	0.16	1	0.23	4	0.17	9	0.17	13	0.14
29. Nephritis	6	0.16	1	0.04	-	-	4	0.17	5	0.09	11	0.12
30. Puerperal Sepsis	-	-	-	-	-	-	-	-	-	-	-	-
31. Diseases of Pregnancy, etc.	-	-	3	0.12	-	-	-	-	3	0.06	3	0.03
32. Congenital malformations and Diseases of Early Infancy	11	0.31	21	0.84	2	0.47	14	0.59	37	0.70	48	0.54
33. Suicide	1	0.02	-	-	-	-	1	0.04	1	0.02	2	0.02
34. Other Violent Deaths	14	0.40	8	0.32	2	0.47	11	0.46	21	0.40	35	0.39
35. Other Defined Causes	72	2.07	62	2.50	5	1.19	12	0.51	59	1.12	92	1.05
36. Causes ill-defined	8	0.22	17	0.68	5	1.19	1	0.04	23	0.44	31	0.35
TOTAL :	313	9.02	223	9.01	37	8.80	148	6.31	408	7.78	721	8.27

SEASONAL OCCURRENCE OF DEATHS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January, 1955	6	14	20	10	9	19	4	3	7	10	5	15	24	17	41
February	11	14	25	14	13	27	0	0	0	6	6	12	20	19	39
March	5	12	17	8	10	18	1	0	1	4	6	10	13	16	29
April	13	9	22	5	3	8	2	1	3	6	5	11	13	9	22
May	16	9	25	17	12	29	3	2	5	5	7	12	25	21	46
June	21	11	32	8	14	22	3	5	8	3	2	5	14	21	35
July	19	12	31	8	7	15	1	2	3	12	15	27	21	24	45
August	14	17	31	12	9	21	1	0	1	11	3	14	24	12	36
September	15	19	34	8	6	14	2	2	4	6	4	10	16	12	28
October	14	14	28	7	8	15	1	0	1	7	5	12	15	13	28
November	11	7	18	6	6	12	0	0	0	4	5	9	10	11	21
December	10	20	30	9	14	23	3	1	4	7	4	11	19	19	38
TOTAL :	155	158	313	112	111	223	21	16	37	81	67	148	214	194	408

DEATHS OF RESIDENTS GIVEN IN AGE GROUPS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 yr.	11	3	14	44	41	85	6	4	10	17	18	35	68	63	131
1 - 2 yrs.	1	0	1	15	22	37	0	1	1	4	3	7	18	26	44
2 - 4 yrs.	0	0	0	8	7	15	0	0	0	2	2	4	10	9	19
5 - 14 yrs.	0	0	0	3	3	6	0	1	1	4	3	7	7	7	14
15 - 24 yrs.	4	1	5	4	6	10	2	2	4	1	2	3	7	10	17
25 - 34 yrs.	0	2	2	2	10	12	0	1	1	4	2	6	6	13	19
35 - 44 yrs.	7	3	10	12	5	17	2	1	3	2	3	5	16	9	25
45 - 54 yrs.	15	17	32	7	4	11	1	0	1	11	6	17	19	10	29
55 - 64 yrs.	19	17	36	5	6	11	7	3	10	9	9	18	21	18	39
65 - 74 yrs.	47	37	84	6	5	11	1	1	2	16	9	25	23	15	38
75 and Over	51	78	129	6	2	8	2	2	4	11*	10	21	19	14	33
TOTAL :	155	158	313	112	111	223	21	16	37	81	67	148	214	194	408

* Inc. 1 adult age unknown.

(1) Vital Statistics Cont'd.

SUMMARY OF CAUSES OF DEATH

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

RESIDENTS ONLY

	European	Native	Coloured	Asiatic
Acute Exanthemata	0 : 0	2 : 0.9%	0 : 0	0 : 0
Tuberculosis (all forms)	1 : 0.3%	15 : 6.7%	2 : 5.4%	2 : 1.4%
Syphilis	0 : 0	1 : 0.4%	1 : 2.7%	0 : 0
Other Parasitic and Infective Diseases	5 : 1.6%	6 : 2.7%	2 : 5.4%	1 : 0.7%
Cancer	43 : 13.7%	5 : 2.2%	3 : 8.2%	6 : 4.1%
Diabetes	1 : 0.3%	0 : 0	1 : 2.7%	1 : 0.7%
Cerebral Haemorrhage Thrombosis and Embolism	31 : 9.9%	8 : 3.6%	3 : 8.2%	15 : 10.1%
Cardiac Diseases and Other Diseases of Circulatory System	132 : 42.2%	17 : 7.6%	7 : 19.1%	43 : 29.1%
Respiratory Diseases (non-tuberculous)	20 : 6.4%	35 : 15.7%	1 : 2.7%	23 : 15.5%
Enteritis and Diarrhoea (under 2 years)	0 : 0	41 : 18.4%	4 : 10.9%	9 : 6.1%
Other Diseases of Digestive System	17 : 5.4%	14 : 6.3%	1 : 2.7%	6 : 4.1%
Nephritis	6 : 1.9%	1 : 0.4%	0 : 0	4 : 2.7%
Congenital Malformations	1 : 0.3%	2 : 0.9%	0 : 0	2 : 1.4%
Diseases Peculiar to First Year of Life	10 : 3.2%	19 : 8.5%	2 : 5.4%	12 : 8.1%
Senility	13 : 4.2%	0 : 0	1 : 2.7%	7 : 4.7%
Deaths from Violence	15 : 4.8%	8 : 3.6%	2 : 5.4%	12 : 8.1%
Other Causes	5.8%	22.1%	19.5%	3.2%
TOTAL DEATHS :	313 :	223 :	37 :	148 :

TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE : (INCIDENCE PER 1,000 POPULATION IN BRACKETS).

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

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Enteric Fever	0	7 (0.3)	0	1 (0.04)	8 (0.15)	8 (0.08)
Pulmonary Tuberculosis	14 (0.4)	75 (3.0)	9 (2.14)	31 (1.3)	115 (2.2)	129 (1.46)
Tuberculosis - Other Forms	1 (0.02)	4 (0.16)	1 (0.23)	3 (0.12)	8 (0.15)	9 (0.1)
Scarlet Fever	31 (0.9)	0	0	0	0	31 (0.35)
Erysipelas	1 (0.02)	0	0	0	0	1 (0.01)
Puerperal Sepsis	1 (0.02)	0	0	2 (0.08)	2 (0.04)	3 (0.03)
Trachoma	0	0	0	0	0	0
Diphtheria	17* (0.48)	6 (0.24)	2 (0.47)	9 (0.38)	17 (0.32)	34 (0.38)
Cerebrospinal Fever (Meningococcal Meningitis)	1 (0.02)	1 (0.04)	0	1 (0.04)	2 (0.04)	3 (0.03)
Anterior Poliomyelitis (Paralytic)	17 (0.48)	1 (0.04)	0	0	1 (0.02)	18 (0.20)
Anterior Poliomyelitis (Non-Paralytic)	2 (0.05)	0	0	0	0	2 (0.02)
Encephalitis	2 (0.05)	0	0	1 (.04)	1 (0.02)	3 (0.03)
Leprosy	0	0	0	1 (.04)	1 (0.02)	1 (0.01)
Ophthalmia Neonatorum	0	0	0	0	0	0
TOTAL :	87 (2.47)	94 (3.8)	12 (3.85)	49 (2.1)	155 (2.9)	242 (2.7)

* Includes 8 Diphtheria "Carriers".

(2) INFECTIOUS DISEASE

There were 242 notifications of infectious disease as compared with 194 in 1954 (See page 8).

ISOLATION HOSPITAL (EUROPEAN INFECTIOUS DISEASE) (Page 49).

Altogether 147 patients were admitted during the year 1955, 96 Borough and 51 Out-of-Borough. Figures for previous years were:-

1954 : 117; July-December, 1953 : 90; 1951-1952 : 222; 1950-1951 : 204; 1949-1950 : 247; 1948-1949 : 229; 1947-1948 : 189; 1946-1947 : 170; 1945-1946 : 193; 1944-1945 : 159; 1943-1944 : 318; 1942-1943 : 334; 1941-1942 : 259; 1940-1941 : 405; 1939-1940 : 307; 1938-1939 : 216; 1937-1938 : 215.

Cases of Tuberculosis, Puerperal Sepsis and Typhoid Fever, are provided for usually at Grey's Hospital - the Provincial General Hospital - and King George V-Springfield and Wentworth Hospitals for Tuberculosis in Durban. Europeans needing hospitalisation for Venereal Disease are sent by arrangement to Wentworth Hospital, Durban. Cases of Anterior Poliomyelitis are now admitted to the Isolation Hospital for the first 3 weeks (the presumably infectious period) of their illness, and then transferred to the General Hospital or direct to the Uplands Orthopaedic Home, for further treatment in the case of Europeans, or to the General Hospital Wards or Out-Patient Departments in the case of Non-Europeans. Bulbar and Encephalitic forms requiring respirator treatment are admitted to Grey's Hospital.

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL (Page 49).

Admissions during 1955 totalled 331, 90 Borough and 241 Out-of-Borough cases. Admissions since the opening of this hospital have been as follows:-

1954 : 256; July-December, 1953 : 130; 1951-1952 : 223; 1950-1951 : 304; 1949-1950 : 442; 1948-1949 : 308; 1947-1948 : 304; 1946-1947 : 305; 1945-1946 : 238; 1944-1945 : 332; 1943-1944 : 344; 1942-1943 : 252.

INFECTIOUS DISEASES HOSPITALISATION.

The City Council's scheme of expansion of its Infectious Diseases Hospitals which has been submitted to Pretoria, and approved in principle as far back as 1950, has now received final approval. The extensions approved, which will be commenced in 1956, are:-

1) An additional 24 beds for Pulmonary Tuberculosis.

2) An additional 2 bed ward and service block extensions at the European Isolation Hospital.

3) Additional accommodation at the Non-European Infectious Diseases Hospital Nurses Home.

4) The provision of sewerage at the Non-European Hospital.

AMBULANCE.

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

1) Total number of cases removed : 3,802

2) Infectious cases removed : 794

LABORATORY WORK...../

LABORATORY WORK.

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

Swabs for Diphtheria Bacilli	226
Swabs for Haemolytic Streptococci	138
Smears and swabs for Gonococcus, organisms, etc.	8
Cerebro-Spinal Fluids	65
Blood (Sugar and other examinations)	0
Blood (Counts, Smears)	6
Cough Plates	0
Stools (Parasites, T.B., etc.)	11
Urines (Chemical, microscopic, diastatic index, etc.)	21
Tissue Sections	1
Milk - for Bacterial Count	129
Milk - Phosphatase Test	192
TOTAL :	797

Laboratory work done by Municipal Bio-Chemist;

Milk - for Bacterial Count	58
Milk - for Phosphatase Test	38
Water - for Bacteriological Count	232

Work done in Departmental Laboratory:-

No. of Mosquito larvae examined	:	2,431
No. of Mosquito adults examined	:	1
No. of Snails examined	:	2,649
No. of Physopsis identified	:	15

NOTIFIABLE INFECTIOUS DISEASE.

(a) ANTHRAX. No cases notified.

(b) SMALLPOX. No cases were reported this year.

VACCINATION.

Unvaccinated or inadequately vaccinated Natives registering at the Municipal Pass Office are vaccinated when they are medically examined. (See page 22).

In addition, vaccination of infants (all races) has been carried out at the Municipal Infant Welfare Clinics, and adults applying to the Public Health Department are also vaccinated. This service serves to supplement the free service available to the public through the Public Vaccination carried out by the District Surgeon.

The Registrar of Vaccination has supplied the following figures of total vaccinations in Pietermaritzburg, reported to the Registrar of Vaccination.

Successful Vaccinations (under 2)	214
Successful Vaccinations (over 2)	63
Insusceptible to Vaccination (under 2)	7
Insusceptible to Vaccination (over 2)	3
Exempted from Vaccination	0

The number of vaccinations carried out by this Department at its Clinics during this period was 1,802 (Eur. 406; Nat. 277; Col. 181; As. 938).

(c) DIPHTHERIA...../

(c) DIPHTHERIA.

The total number of cases notified in 1955 was 34 (including 8 "carriers", all Europeans), as compared with 24 last year, and 1 European, 1 Native and 1 Asiatic died from this disease. The European and Asiatic deaths occurred in non-immunised children, but no information was obtained as to whether the Native child had been immunised or not.

The immunisation history in 30 definite cases (confirmed by Virulence tests) admitted to our hospitals during 1955 was as follows:-

Immunised	Non-Immunised
Total cases : 7 (3 Eur.; 4 Non-Eur.) Deaths : Nil.	Total cases : 23 (4 Eur.; 19 Non-Eur.) Deaths : 6 (All Non-European).

2,493 Immunisation courses against Diphtheria were completed at the Infant Clinic Sessions (a 40% increase on last years figures). (Eur. 610, Nat. 347; Col. 203; Asiatics 1,333).

In addition, the following pre-inoculation and post-inoculation Schick tests were performed. Most of the pre-inoculation Schick tests are done in older children who apply for immunisation, so as to spare them the possibility of unnecessary reaction.

Race	Pre-Inoculation Schick Tests	No. Positive	Post-Inoculation Schick Tests	No. Positive
European	4	0	201	22 (11%)
Native	27	23 (85%)	35	2 (6%)
Coloured	-	-	-	-
Asiatic	-	-	-	-

The following propaganda measures were used:-

1) A circular was sent (with electric light accounts) to every household in the Borough.

2) Posters were used in all Municipal buses.

3) The caption "Has your child been immunised against Diphtheria" was printed on all envelopes issued by this Department.

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

DIPHTHERIA.

YEAR	EUROPEANS				NATIVES				COLOUREDS				ASIATICS			
	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths
July, 1937-June, 1938	352	-	25	1	187	-	2	1	75	-	-	-	238	-	2	-
" 1938- " 1939	405	-	32	2	232	-	5	-	82	-	2	1	198	-	2	-
" 1939- " 1940	403	18	41	3	199	-	2	-	86	-	2	1	149	-	5	-
" 1940- " 1941	428	140	18	-	209	-	1	-	73	155	2	-	398	-	8	1
" 1941- " 1942	515	191	25	1	217	-	4	-	114	23	-	-	425	56	2	1
" 1942- " 1943	454	412	31	1	239	-	5	-	94	2	2	-	500	36	1	-
" 1943- " 1944	550	447	53	1	274	33	16	2	104	16	3	-	526	-	4	1
" 1944- " 1945	526	315	33	3	262	125	26	-	116	2	2	-	581	6	6	-
" 1945- " 1946	587	225	36	-	189	91	9	1	103	66	5	2	558	46	10	1

DIPHTHERIA Cont'd.

YEAR	EUROPEANS				NATIVES				COLOUREDS				ASIATICS			
	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths
ly, 1946-June, 1947	697	275	14	-	315	81	13	2	149	192	-	-	711	138	13	2
1947- " 1948	704	275	10	1	303	118	4	1	133	120	5	2	704	261	14	2
1948- " 1949	703	672	43	4	279	134	7	2	116	125	2	1	670	393	10	3
1949- " 1950	669	520	21	4	263	102	34	6	109	106	6	1	669	391	5	-
1950- " 1951	636	272	13	-	272	88	41	3	165	140	7	1	840	366	8	1
1951- " 1952	682	262	12	1	326	67	2	1	163	152	2	-	717	435	-	-
1952- " 1953	702	221	16	2	248	53	5	-	187	74	1	-	639	369	4	-
n., 1954-Dec., 1954	1019	660	14	-	914	154	8	2	265	252	-	-	1200	698	8	2
n., - Dec., 1955	664	610	*17	1	1114	347	6	1	174	203	2	-	686	1333	9	1

* Includes 8 carriers.

No figures are available of the number of persons immunised by private practitioners, but a considerable number of European children are being immunised by private practitioners.

(d) SCARLET FEVER.

31 Cases were notified as compared with 34 cases last year. The disease continued to be mild. The use of Penicillin in the treatment of Scarlet Fever has enabled us to permit children to return to school after 2 weeks quarantine as throat swabs generally confirm the rapid disappearance of Haemolytic Streptococci under this form of treatment. No "return cases" have yet been encountered in our experience with this procedure.

(e) CEREBRO-SPINAL MENINGITIS.

3 Cases were notified during the year, as compared with 4 last year.

(f) ANTERIOR POLIOMYELITIS.

20 Cases were notified this year (17 Paralytic), as compared with 24 last year. Poliomyelitis Vaccine became available this year, but the immunisation programme received many severe setbacks. Confidence was shaken by the American "Cutter" incident, supplies were limited and eventually only 73 children commenced the immunising course with this Department and a few with private medical practitioners. No serious reactions blameable on the vaccination were reported.

The Provincial Hospital undertook the responsibility of dealing with bulbar and respiratory types of cases in Grey's Hospital for Europeans and at Edendale Hospital for Non-Europeans and for this purpose acquired an additional "iron lung" and other automatic respiratory machines. The other types of Poliomyelitis cases were treated in the Municipal Isolation Hospital for a period of three weeks and then transferred to the Provincial Hospitals or to the Uplands Orthopaedic Home for further orthopaedic treatment when required.

(g) ENTERIC FEVER.

8 Cases were notified, 7 Native and 1 Asiatic.

60 Persons were immunised (4 Europeans, 55 Natives and 1 Coloured). The method employed was two injections of Endotoxoid (S.A.I.M.R.). All those immunised were contacts of patients suffering from Typhoid Fever, and completed the course of 2 injections. (See also page 20, section (10) Milk Supplies). In addition, employees of the City Engineer's Department at the Sewerage Farm and in the water section are immunised yearly.

(3) TUBERCULOSIS ...../

(3) TUBERCULOSIS (Pages 35-36).

Notifications of Pulmonary Tuberculosis totalled 129, a sharp jump on last years total of 81, 14 of these being of Europeans. Notifications of Non-Pulmonary Tuberculosis totalled 9 (1 being European) as compared with the previous year's total of 13.

46 Borough cases (32 Natives, 5 Coloureds and 9 Asiatics) were admitted to our Non-European Infectious Diseases Hospital.

Responsibility was accepted for the treatment of Pietermaritzburg cases of Pulmonary Tuberculosis at other hospitals as follows:-

Grey's Hospital	:	Col. 3.
King George V/Springfield Hosp.	:	Eur. 6; Nat. 5; As. 3.
Wentworth Hospital	:	Eur. 6.
Edendale Non-European Hospital	:	Nat. 12; As. 5.
Lilleshall Convalescent Hospital	:	Eur. 1.
F.O.S.A., Durban.	:	As. 1.

The Natal Anti-Tuberculosis Association rendered assistance to 30 families in Pietermaritzburg (5 European, 14 Native, 6 Coloured and 5 Asiatic), to enable the breadwinner to accept hospital treatment.

The following tables illustrate the trend in notifications and deaths from this disease over the period 1934-1955:-

PULMONARY TUBERCULOSIS

YEAR	NOTIFICATIONS						DEATHS					
	Eur.	Nat.	Col.	As.	All Non-Eur.	Total	Eur.	Nat.	Col.	As.	All Non-Eur.	Total
July, 1934-June, 1935	7	35	12	31	78	85	4	25	7	8	40	44
" 1935- " 1936	17	38	15	32	85	102	2	14	3	12	29	31
" 1936- " 1937	8	40	8	20	68	76	4	18	7	17	42	46
" 1937- " 1938	17	40	15	14	69	86	7	29	7	7	43	50
" 1938- " 1939	15	40	15	10	65	80	5	19	6	8	33	38
" 1939- " 1940	7	23	7	17	47	54	4	15	7	9	31	35
" 1940- " 1941	7	13	11	7	31	38	3	19	1	6	29	32
" 1941- " 1942	8	22	6	18	46	54	5	9	1	15	25	30
" 1942- " 1943	8	29	2	27	58	66	5	13	2	16	31	36
" 1943- " 1944	5	23	3	24	50	55	3	14	4	14	32	35
" 1944- " 1945	13	52	5	30	87	100	3	14	4	11	29	32
" 1945- " 1946	12	60	10	24	94	106	10	24	6	12	42	52
" 1946- " 1947	10	51	13	25	89	99	11	31	6	11	48	59
" 1947- " 1948	*23	49	9	32	90	113	9	23	4	18	45	54
" 1948- " 1949	18	68	8	22	98	116	8	44	4	11	59	67
" 1949- " 1950	17	62	9	17	88	105	3	27	3	10	40	43
" 1950- " 1951	18	58	9	38	105	123	2	20	3	9	32	34
" 1951- " 1952	17	64	15	33	112	129	1	30	6	13	49	50
" 1952- " 1953	18	65	21	46	132	150	3	11	5	3	19	22
Jan., 1954-Dec., 1954	20	44	5	12	61	81	3	6	2	5	13	16
Jan., - Dec., 1955	14	75	9	31	115	129	0	11	2	2	15	15

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

NON-PULMONARY TUBERCULOSIS ...../

(3) TUBERCULOSIS Cont'd.

NON-PULMONARY TUBERCULOSIS

YEAR	NOTIFICATIONS						DEATHS					
	Eur.	Nat.	Col.	As.	All Non-Eur.	Total	Eur.	Nat.	Col.	As.	All Non-Eur.	Total
,1934-June, 1935	1	4	0	3	7	8	2	6	0	1	7	9
1935- " 1936	3	3	1	6	10	13	1	2	0	2	4	5
1936- " 1937	2	8	0	5	13	15	1	4	0	3	7	8
1937- " 1938	5	10	3	6	19	24	3	1	2	3	6	9
1938- " 1939	1	3	0	3	6	7	0	2	0	2	4	4
1939- " 1940	2	3	1	3	7	9	1	2	1	0	3	4
1940- " 1941	3	2	0	3	5	8	2	1	0	0	1	3
1941- " 1942	2	7	2	7	16	18	1	3	1	3	7	8
1942- " 1943	1	3	4	2	9	10	1	1	1	3	5	6
1943- " 1944	1	4	0	3	7	8	0	5	1	3	9	9
1944- " 1945	2	6	1	8	15	17	0	3	2	5	10	10
1945- " 1946	1	5	3	3	11	12	1	4	1	3	8	9
1946- " 1947	1	8	3	2	13	14	0	11	3	3	17	17
1947- " 1948	5*	9	1	4	14	19	1	8	1	2	11	12
1948- " 1949	0	7	0	7	14	14	1	7	1	2	10	11
1949- " 1950	0	12	2	10	24	24	1	3	1	2	6	7
1950- " 1951	1	10	3	12	25	26	0	6	1	2	9	9
1951- " 1952	0	7	1	9	17	17	1	2	0	1	3	4
1952- " 1953	1	6	0	4	10	11	0	7	1	1	9	9
.,1954-Dec., 1954	1	7	0	5	12	13	0	2	0	3	5	5
., - Dec., 1955	1	4	1	3	8	9	1	3	0	0	3	4

* Includes 1 case also notified as Pulmonary Tuberculosis.

A sharp increase in (almost doubling) the total of notified Non-European cases of Pulmonary Tuberculosis, occurred in this years figures, while the deaths from the disease showed very little change. The increase in notifications is, in a considerable measure, due to the free use of Miniature X-Rays.

MINIATURE MASS RADIOGRAPHY

In 1954 the City Council installed its own Miniature X-Ray set (a fixed unit) in the Public Health Department.

The following table indicates the type of patient coming to or being referred to the unit for a Miniature X-Ray:- (See page 41(a) for detailed breakdown of these figures).

	European	N-European	Total
Referred ex Native Pass Office med. examn.	-	3,526	3,526
Referred for Pre-employment X-Ray	116	306	422
Referred by Employers	24	1,215	1,239
Referred by Doctors	341	975	1,316
Referred by Health Visitor	15	582	597
Applied Voluntarily for Miniature X-Ray	566	298	864
Follow-up X-Rays of cases attending Municipal Clinics or in T.B. Hospital	44	365	409
Total Persons X-Rayed	1,106	7,267	8,373

The final results of investigations carried out on cases suspected to be suffering from Pulmonary Tuberculosis as a result of the Miniature X-Ray revealed the following:- (Percentage of total miniatures given in brackets).

Active ...../

(3) TUBERCULOSIS Cont'd.

	European	Non-European	Total
Active cases of Pulmonary T.B.	8 (0.7%)	101 (1.4%)	109 (1.3%)
Arrested cases of Pulmonary T.B.	9 (0.8%)	36 (0.5%)	45 (0.5%)

With the Miniature X-Ray plant available, contact examination at the T.B. Clinic has been reduced considerably, as a routine Miniature X-Ray of all contacts is now taken and only when abnormalities are noted are the contacts referred for closer investigation at the clinic. Routine follow-up X-Rays of T.B. patients at the Clinics and our hospitals are to a large extent being done by this Miniature plant with an occasional large plate for confirmation. The large proportion of cases referred by doctors is a specially pleasing feature of the work done by this plant. Voluntary applicants for X-Ray also form quite an important group, as also the cases referred by employers. It is hoped that these groups of cases will increase in numbers, as they indicate that the general public is becoming aware of the importance and value of the routine miniature X-Ray.

THE TUBERCULOSIS CLINIC (Page 41).

Staff: Asst. Medical Officer of Health (Part-time), a European Health Visitor (Full-time), and a Native Health Assistant (Full-time).

During the year 1955 there were 2,212 attendances at the Clinic (including 629 Out-of-Borough cases), a 20% drop in attendances due chiefly to the fact that all contacts are now referred first of all to the Miniature X-Ray Clinic and only brought to clinic if found to be abnormal, whilst patients for Streptomycin injections do not often attend the clinic sessions as well, being supervised from the Streptomycin clinic.

Out-patient continuation treatment with injections of Streptomycin and oral I.N.H. (or P.A.S.) has been used on an increasingly large scale for patients discharged from hospital, thus enabling us to utilise our hospital beds to better advantage through the much earlier release from hospital of cases who are suitable for Out-Patient treatment. Patients for whom no bed can be found in hospital are also started on treatment until beds become available, and some cases are maintained on Out-Patient treatment alone. A few such Out-Patients have rapidly become sputum negative with treatment, have improved clinically and have been maintained sputum negative, and as such constituting no danger to others while at work or at home.

At the end of the year 18 European, 48 Native, 11 Coloured and 56 Asiatic patients were receiving regular Streptomycin injections, necessitating the organisation of 2 special clinic sessions per week for this purpose. (See Page 41). One factory in Pietermaritzburg with the necessary medical organisation, carries out the follow-up Streptomycin injections on its own employees, 2 Natives, 2 Coloureds and 22 Asiatics being dealt with in this way.

2,892 Visits were made to tuberculotics and contacts in their homes, (Borough cases only), a 22% increase on last years total. The following notified cases were on our Tuberculosis Register as at December 31st, 1955, (1954 figures in brackets for comparison):-

	Eur.	Nat.	Col.	As.	All Non-Eur.	Total
Pulm. T.B.	74 (87)	172(139)	34(48)	157(140)	363(327)	437(414)
Non-Pulm. T.B.	2 (3)	13(16)	3(2)	26(23)	42(21)	44(24)

The Tuberculosis Hospital : (Non-European only).

Admissions totalled 105, 46 Borough cases (32 Native, 5 Coloured and 9 Asiatic) and 59 Out-of-Borough cases (56 Native and 3 Coloured).

1942-1943	Annual Admission Rate per Bed	3.6 patients.
1943-1944	" " " " "	4.0 "
1944-1945	" " " " "	2.8 "
1945-1946	...../	

(3) TUBERCULOSIS Cont'd.

1945-1946	Annual Admission Rate per Bed	1.8 patients.
1946-1947	" " " " "	2.0 "
1947-1948	" " " " "	3.1 "
1948-1949	" " " " "	2.8 "
1949-1950	" " " " "	2.3 "
1950-1951	" " " " "	1.7 "
1951-1952	" " " " "	1.5 "
1952-1953	" " " " " (including temporary beds)...	1.7 "
1954	" " " " " " ...	2.1 "
1955	" " " " " " ...	2.6 "

There has been no undue delay this year in securing the admission of European cases to the Wentworth and King George V Hospitals for Tuberculosis in Durban, there being no Tuberculosis beds available for Europeans in Pietermaritzburg.

(4) VENEREAL DISEASE. (Pages 42-48).

(a), (b) and (c) One Clinic Session is held weekly for each race and sex, conducted by the Assistant Medical Officers of Health. These Clinics are held in the Grey's Hospital Out-Patient Department for Europeans and at the Municipal Clinic in East Street for Non-Europeans. A separate Clinic Session is held for European Males, European Females and Native Females. A combined session is held for Coloured and Asiatic females, and a combined session is held for Coloured, Asiatic and Native males. One European Health Visitor (half-time only), 1 Native Nurse, and 2 Native Health Assistants, assist at the Clinics. Two Native Health Assistants devote their full time to Venereal Diseases.

(d) Every effort is made to trace contacts and sources of infection and to follow-up defaulters to ensure completion of treatment. A European Health Visitor deals with the investigation and follow-up of European, Coloured and Asiatic cases, and supervises the work of the Native Health Assistants who deal with Natives only.

It has been found that the Health Visitor is quite readily able to deal with both Male and Female cases.

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

	European		Native		Coloured		Asiatic	
	No. of Tests	% Positive	No. of Tests	% Positive	No. of Tests	% Positive	No. of Tests	% Positive
July,1945-June,1946	180	0.6%	2,860	11.8%	149	7.7%	636	2.4%
" 1946- " 1947	185	0.5%	2,963	16.8%	465	1.9%	1,423	1.6%
" 1947- " 1948	193	1.6%	3,053	9.3%	153	3.2%	772	2.2%
" 1948- " 1949	293	1.7%	3,568	9.3%	190	2.8%	846	4.5%
" 1949- " 1950	42	0	3,949	10.6%	102	7.8%	521	6.3%
" 1950- " 1951	41	0	4,351	10.5%	218	8.5%	855	2.1%
" 1951- " 1952	58	0	5,019	13.6%	279	5.7%	862	3.2%
" 1952- " 1953	164	1.8%	5,556	10.5%	201	1.0%	872	2.8%
" 1953-Dec.,1954	81	1.2%	922	11.6%	95	2.1%	640	4.3%
Jan.,1955- " 1955	221	1.4%	-	-	230	7%	1,065	2.2%

*Figures for 1953-1954 incomplete, owing to closing down of Mayors Walk Hospital in Pietermaritzburg, and its transfer to Edendale. Native Ante-Natal Clinics have been transferred to Edendale Hospital and are no longer held in Pietermaritzburg.

A small ...../

(4) VENEREAL DISEASE Cont'd.

A small Ante-Natal Clinic is held in the Sobantu Village for Natives who are to be confined at home by the Municipal Midwife and the Ante-Natal figures for that clinic are as follows:-

No. of tests : 125. WR's Positive : 5(4%).

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

	EUROPEAN				NATIVE				COLOURED				ASIATIC			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
-46	7.7	5.9	13.5	6.7	10.1	8.9	6.4	7.5	4.0	8.4	10.8	7.4	5.7	6.9	6.2	6.9
-47	10.3	5.4	11.4	35.5	9.3	8.1	5.6	6.7	8.3	10.1	7.2	5.3	8.0	6.4	3.0	3.4
-48	15.3	5.6	9.5	6.6	9.5	7.5	5.0	5.3	10.1	8.2	3.5	7.4	8.3	8.0	4.6	2.7
-49	7.6	9.0	10.2	1.7	9.0	7.2	5.1	5.7	9.3	7.3	11.2	11.5	8.5	7.7	12.3	9.8
-50	5.0	5.4	-	1.0	8.8	6.1	5.1	4.7	9.7	8.6	6.3	5.0	6.9	6.6	4.2	3.5
-51	5.4	7.5	-	2.3	6.4	6.9	4.1	4.1	5.7	6.2	3.8	7.4	5.2	5.6	14.0	2.2
-52	5.0	2.5	1	1	5.5	5.6	3.0	3.6	3.8	7.4	1	2.3	3.0	5.4	2.5	1.9
-53	2.5	2.9	0	0	4.4	4.8	2.4	3.7	4.0	5.8	-	2.6	3.4	5.4	1.2	6.5
	2.1	-	0.3	-	3.8	3.6	2.8	2.6	3.8	2.2	-	10.2	3.0	2.4	-	9.3
	2.1	5	0	0	3.1	3.9	2	2.3	3.3	4.3	1.3	4.7	2.7	1.1	1	3.5

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

(g) A considerable decrease in Clinic Attendances has again been recorded for 1955, there being 2,331 attendances during the year as compared with the 1954 total of 4,064. 1,815 Home Visits were paid to cases of Venereal Disease, as compared with the 1954 total of 2,980.

EPIDEMIC HOSPITAL (Non-European V.D.)

Admissions to this hospital totalled 358, again showing a continuation of the decrease that has been taking place in recent years, e.g. 1,312 in 1951-2, 910 in 1952-3, and 561 in 1954. The daily average of in-patients totalling 6 as compared with 20 last year, 30 the year before and 42 the year previous to that.

The re-admissions for this period numbered 55, i.e. 15.4% of admissions as compared with 14%, 12%, 13.8%, 13.4% and 11.6% the preceding five years. An analysis of patients' reasons for re-admissions and for failure to continue treatment, is given in the following table:-

	Male	Female	Total
1) No reason given for failure to continue treatment	9	10	19
2) Patients thought themselves cured after only a few follow-up injections	9	1	10
3) Patients stated no facilities for further treatment available near their homes	3	1	4
4) Patients unable to pay transport to obtain treatment	5	0	5
5) Patients unable to pay doctor for further treatment	5	0	5
6) Patients stated employers would not allow them to attend for further treatment or that could not leave work	3	0	3
7) Patients re-admitted suffering from forms of V.D. other than that originally admitted for	-	-	-
8) Relapsed though attended clinic fairly regularly	3	0	3
9) Reinfected after discharge	5	1	6

One ...../

EPIDEMIC HOSPITAL Cont'd.

One can regard the re-admissions under the first three headings (approx. ½ of the total) as due to failure of the educative section of the Venereal Diseases Hospital treatment. The proportion recorded in the last six years has been ½, ⅓, 1/5, ¼, ¼, and 1/5 respectively.

With the availability of Penicillin Procaine G in Oil, Penicillin treatment of all Syphilitic cases is now routine in this hospital, a 7 day course (a total of 4.8 M.u. Penicillin Procaine in Oil), adopted on the instruction of the Union Health Department, being given. All cases of Gonorrhoea are also treated with Penicillin.

(5) PLAGUE.

No cases of plague occurred during the year. Regular inspection of new shops and warehouses in the course of erection has been carried out and their rodent-proofing has been supervised. No rodent work has been carried out on commonage, but the rodent-proofing of existing infested premises has been dealt with intensively. A single Departmental Rodent Inspector devotes all his time to anti-rodent measures, trapping, poisoning, chiefly with Zinc Phosphide and also with "Wharfarin" and similar preparations, and Cyanogas pumping being employed. Excellent results are being obtained by the use of the P. traps and the pre-baiting technique.

There are 3 Grain Stores in the City; all are now rodent-proofed. There are 2 mills in the City - both are now rodent-proof.

Trapping operations by Rodent Inspector : 37. Rodents trapped ..... 26.
Poisoning " " " " : 235. Rodents Poisoned:
(Bodies recovered) ..... 61.
(Amount of Poison meal used ... 261lbs)
Gassing operations by Rodent Inspector : 17. Bodies recovered ..... 47.

19 Dwellings completed rodent-proofing - 48 inspected.
97 Business premises, shops and stores rodent-proofed - 359 inspected.
2 Stables rodent-proofed - 5 inspected.

New buildings in course of erection supervised for rodent-proofing : 29.
Vacant lands gassed : 6.

(6) OTHER COMMUNICABLE DISEASES:

(1) MALARIA.

Control by spotting of larvae and spraying of selected breeding spots has again been carried out in the Borough. The Local Health Commission carried out control work in the Peri-Urban areas. No malarial mosquito vectors were discovered inside the Borough and no new infections of malaria occurred within the Borough.

Permanent work in the way of wide open drains with grassed sides and a hardened invert, was continued in the off season.

No check house spraying was carried out this season. Spraying was carried out to keep down the Anopheline population in known breeding areas and to deal with Culicine breeding which was causing a nuisance, D.D.T. suspension being used with satisfactory results.

(11) BILHARZIA.

Regular surveys were carried out for the identification of snails. Copper Sulphate was used for the treatment of areas where Physopsis were identified with a resultant rapid and considerable reduction in the number of snails found, treatment being repeated at 2 monthly intervals.

Snails examined : 2,649
Physopsis Africana identified: 15

Warning ...../

(11) BILHARZIA Cont'd.

Warning notice boards have been erected at the various spots used as bathing spots by Non-Europeans.

(111) ENTERITIS in children under the age of two years accounted for 54 deaths, (41 Native, 4 Coloured and 9 Indian), a decrease on the previous year's total of 65.

(1V) MUMPS.

This disease was very prevalent during the year, 21 cases being admitted to the (European) Isolation Hospital, and 21 Non-European cases being admitted to the Non-European Infectious Diseases Hospital. No deaths were reported from this disease, but Encephalitis was an unusually frequent complication this year.

(V) MEASLES.

This disease was only moderately prevalent in school children this year, 8 Borough cases being admitted to the Isolation Hospitals. 1 Native death was recorded.

(V1) CHICKEN POX.

This disease was only moderately prevalent and, as usual, mild.

(V11) WHOOPING COUGH.

This disease was not very prevalent during the year, and no deaths were reported from this disease. Immunisation was carried out at the Infant Welfare Clinics, using a combined Whooping Cough and Diphtheria Vaccine. (See page 22).

(7) WATER SUPPLY (See Page 53).

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

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

The water supply has proved inadequate for the expanding needs of the City, and restrictions have been imposed on the use of water throughout the year. Metering all domestic water supplies has now been decided upon by the City Council with a view to reducing the total consumption of water in the City. Consideration is also being given to the question of raising the walls of the impounding dam at Henley so as to approximately double the capacity of this dam.

(8) NIGHTSOIL AND DISPOSAL.

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

tration ...../

(8) NIGHTSOIL AND DISPOSAL Cont'd.

tration plant is now nearing completion.

(9) MEAT SUPPLIES. (See Pages 57-58).

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. 189 Inspections of butchers' shops were made. A list of meat, fish and fowl condemned after inspection is shown on pages (54-56).

The Abattoir Manager reports that during the year 47,973 animals were slaughtered, a drop on the 1954 total of 51,143. Slaughtering at the Abattoir is carried out by this Department.

All condemned meat and offal is transported in drums to a privately-owned By-Product Plant at Bisley, just outside of Pietermaritzburg. The City Council has decided to commence with its plans for its own By-Products Plant, and for the expansion of the Abattoir. The construction of Non-European change rooms, and the provision of new Railway Siding facilities was completed during the year. The lairage accommodation has already been improved by the provision of asbestos roofing. Adequate Cold Storage accommodation has also been planned for inclusion in this expansion programme, there being none at the Abattoir at present. The plans for the Abattoir extensions were commenced and it is hoped that work will start during 1956.

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

CYSTICERCUS BOVIS AND CELLULOSAE ("MEASLES").

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

	CATTLE			CALVES			PIGS		
	Slaughtered	% Infected	% Condemned	Slaughtered	% Infected	% Condemned	Slaughtered	% Infected	% Condemned
7-48	11,513	6.94	0.84	3,244	4.68	1.44	3,254	4.94	4.06
8-49	9,126	5.82	0.97	3,102	4.51	1.90	5,318	2.76	2.08
9-50	10,564	7.16	0.88	3,385	4.66	1.38	6,308	1.37	1.10
0-51	8,364	8.72	1.21	3,113	5.30	1.28	6,445	2.17	1.69
1-52	10,740	8.69	0.94	2,428	5.02	1.35	4,148	3.18	2.60
2-53	11,438	7.03	0.62	2,345	4.64	1.02	2,470	1.65	1.21
4	11,578	9.2	1.5	2,554	3.13	1.3	3,154	1.04	0.9
5	9,271	9.3	1.4	1,643	3.6	1.8	3,385	1.4	1.2

(10) MILK SUPPLIES.

The milk supply has been carefully controlled throughout the year. It was derived from 39 producer-distributors, of whom 18 are in the Borough, and 21 outside of the Borough, and 80 producers, 7 Borough and 73 Out-of-Borough, who send their milk to a pasteurisation plant, from where it is distributed after pasteurisation. All these dairymen are registered with this Department and their premises are inspected regularly. Approximately 78% of the milk sold in Pietermaritzburg was pasteurised.

There are 21 cream suppliers, of whom 10 are in the Borough and 11 outside the Borough.

During the year the routine Vi-Testing of dairy employees was continued. Specimens, which are taken at the dairies or at the Health Department, are sent by pullman transport to the Durban Government Laboratory for examination, thus reaching the laboratory the same day as taken. 566 Bloods were examined and of these 1 was reported positive. 540 Immunising injections of Typhoid Endotoxoid Vaccine were given to dairy employees.

(11) OTHER FOOD SUPPLIES ...../

(11) OTHER FOOD SUPPLIES (Pages 52-56).

Inspection of foodstuffs exposed for sale at the Market and elsewhere has been carried out regularly, and a considerable quantity of unsound food has been condemned (Pages 54-56). Condemned foodstuffs are removed to the refuse tips, made unusable, and disposed of by dumping.

Details of all licence applications dealt with by the Department are reflected in the Table on Page 59. Careful attention is paid to storage conditions, particularly to rodent-proofing, and there is a considerable improvement in this connection. 346 Inspections of the Borough Market and 2,342 inspections of other premises manufacturing or handling food were made. (Pages 60-62).

Food and Drugs Act. (Pages 52-53).

Under the Food, Drugs and Disinfectants Act, 52 samples were taken, and the results of the analyses were as follows:-

Milk: 25 Samples: 7 Samples, (including 2 pasteurised) not in accordance with requirements in regard to Solids-Non-Fat, were between 8% and 8.5%.

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

Cream: 8 Samples: All in accordance with standards laid down.

Mince Meat: 5 Samples: All in accordance with standards laid down.

Sausage: 11 Samples: 1 Sample contained more than 450 p.p.m. of SO_2.

In the case of the defective Solids-Non-Fat Milk Samples in the group 8% to 8.5%, letters were written to the dairymen.

Outbreaks of Food Poisoning.

One case of "mushroom" poisoning occurred, the patient recovering in this case. No specimen could be obtained for identification. One incident involving 2 persons and a cat following the consumption of "fish sticks" was reported. Paracolon, Friedlanders Bacillus and a non-Haemolytic Staphylococcus were recovered from uncooked specimens of the same 2 packets, but none of the food consumed was available for examination. Other packets from the same consignment produced no ill effects when consumed.

(12) MATERNITY AND CHILD WELFARE (Page 51).

The European Infantile Mortality Rate of 21.1 was a little higher than last year's figure of 20.2, but is still satisfactory.

The Coloured Infantile Mortality Rate rose from 49.2 to 57.5.

The Indian Infantile Mortality Rate also showed an increase, viz. from 44.7 to 51.0.

The Native Infantile Mortality Rate was 76.3. Unfortunately this figure cannot be accepted, as an examination of the figures shows that this low rate is due to an unusually large increase in births. On investigation, it appears that with the removal of the hospital to Edendale, many patients there are being registered as Pietermaritzburg cases who have never resided in the City. A sample survey showed a figure of 30%.

The main causes and age groupings of Infantile Mortality in the different races are shown on pages 33-34.

In Europeans prematurity and atelectasis were the most frequent causes of Infantile Mortality. Diarrhoea and Enteritis was the chief cause of Non-European Infantile Mortality, with Bronchitis and Pneumonia second, Prematurity third, and Malnutrition fourth.

This ...../

(12) MATERNITY AND CHILD WELFARE Cont'd.

This Department continued to supply milk to necessitous infants up to the age of 2 years, and also to a certain number of children below the age of 5. See page 51.

Diphtheria immunisation was continued as one of the important activities of the Infant Welfare Clinics, a total of 2,493 children being immunised. (European 610; Native 347; Coloured 203; Asiatic 1,333).

A combined Diphtheria and Whooping Cough Vaccine was used in infants, and of the total given above 253 European, 132 Native and 50 Coloured infants were immunised against Whooping Cough at the same time as against Diphtheria. Asiatics were not given this combined vaccine on account of the difficulty experienced in persuading them to attend for the full course of 3 injections. (See page 11).

Child Welfare Clinic attendances were as follows:-

	European	Native	Coloured	Asiatic
1947-48	6,849	3,092	1,570	3,535
1948-49	8,740	3,426	1,110	3,272
1949-50	7,778	2,649	935	3,180
1950-51	7,671	3,798	1,776	4,324
1951-52	8,068	4,230	1,989	5,164
1952-53	8,211	5,115	1,921	5,580
1954	6,577	4,674	1,743	4,872
1955	5,926	7,023	1,984	6,012

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

Successful Vaccinations (under 2 years) :	214
" " (over 2 years) :	63
Insusceptible to Vaccination (under 2 years) :	7
" " " (over 2 years) :	3
Exempted :	0

Vaccinations carried out by this Department at the Infant Clinic sessions totalled:-

Eur. 406; Nat. 277; Col. 181; As. 938. Total: 1,802.

Maternal Mortality.

3 Native deaths were recorded, one from Eclampsia and two from Ectopic Gestation.

The midwifery Training School at Grey's Hospital provides midwifery services for Europeans, Coloureds and Asiatics in the wards of Grey's Hospital, and district Midwifery Services in Pietermaritzburg (except at Raisethorpe) for Europeans, Coloureds and Asiatics. In addition, Ante-Natal Clinic Services for these races are provided. The Native Maternity Wards and Ante-Natal Services have been transferred to the new Edendale Hospital. Native District Midwifery is carried out by the Municipal Native Midwife in the Sobantu Village, and is increasing because of the distance of the new Edendale Hospital from the Sobantu Village.

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

Borough cases:

Ante-Natal Clinic Attendances:

Europeans :	608
Coloureds :	502
Asiatics :	2259
TOTAL :	3369

District Midwifery Visits:

Europeans :	509
Coloureds :	534
Asiatics :	5095
TOTAL :	6138

(12) MATERNITY AND CHILD WELFARE Cont'd.

The Municipal Native Midwife conducted 84 confinements and paid 982 confinement visits.

In addition, an Ante Natal Clinic was held for these patients:-

No. of Patients	Ante-Natal Attendances	W.R.'s taken	W.R.'s Positive	R.H. Positive	R.H. Negative
125	526	125	5	40	1

10 Patients were sent to hospital for confinement because of abnormalities of labour.

Pietermaritzburg is a "Prescribed Area" under Section 39(b) of the Medical Dental and Pharmacy Act No. 13 of 1928, within which no person other than a medical practitioner or a midwife registered under the Act, shall attend any lying-in-woman for gain. There is one untrained midwife (an Asiatic) "listed" in Pietermaritzburg, and she conducted 12 confinements. 2 Midwife's bag inspections were made.

(13) BY-LAW NOTICES AND PROSECUTIONS (Pages 60-63).

2,135 Notices and formal letters were served regarding breaches of the Borough By-Laws. 20 Prosecutions were initiated in the Magistrate's Court, as detailed on page 63.

(14) OTHER MATTERS OF HEALTH AND SANITATION.

Nursing Homes: The Registration and Inspection of Nursing Homes in Natal is now carried out by the Provincial Administration.

Complaints from Burgesses: 69 Complaints were received and dealt with.

Medical Examination of Natives:

Number Examined	Rejected (All Causes)	Rejected V.D.	Vaccinated
Male : 25,057	115 : 0.5%	37 : 0.15%	
Female : 51	4 : 8%	2 : 4%	
TOTAL : 25,108	119 : 0.5%	39 : 0.16%	252

Other Reasons for Rejection:

Scabies	:	Male	: 75;	Female	: 1.
Other Causes	:	Male	: 3;	Female	: 1.

The number of Native female domestic servants coming forward for voluntary examination remains low. Every person appearing at the Pass Office who does not possess evidence of successful vaccination, is vaccinated.

Sobantu (Native) Village Dispensary.

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

Number...../

(14) OTHER MATTERS OF HEALTH AND SANITATION Cont'd.

Number of new Patients attending Dispensary	:	1,410
Re-attendances at Dispensary	:	135
Home Visits	:	3,308
Surgical Dressings	:	7,838

Health Propaganda:

Through the medium of the Electric Light accounts two pamphlets were issued to every house in the City. "Fly Nuisance" and "Diphtheria Immunisation". In addition, these pamphlets were supported by newspaper publicity and posters in regard to Diphtheria Immunisation were placed in the municipal buses.

(15) STAFF

The Staff of the Department at December 31st, 1955, was as follows:-

ADMINISTRATIVE AND OFFICE

Medical Officer of Health	:	M. Maister, B.A., M.B., Ch.B., D.P.H.
Asst. Medical Officer of Health	:	K.J. Aitken, M.B., Ch.B., D.P.H.
Clinical Medical Officer	:	C. Gordon, M.D.
Chief Clerk	:	E. Bastow
Clerk	:	E.D. Gafney
Junior Clerk	:	Miss Y. Wiggill
Senior Woman Clerical Asst.	:	Miss E.M. Hughes
Junior Woman Clerical Assts.	:	Mrs. D. Cox
	:	Miss M. Hattingh
	:	Miss Y.W. Gafney

2 Native Messengers

INSPECTORATE

Chief Health Inspector	:	C.F. Wyatt, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Tropical Hygiene Cert. R.S.I.
Health Inspectors	:	D.C. Johnston, Cert. R.S.I., Tropical Hygiene Cert. R.S.I.
	:	J.F. Bateson, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., San. Sc. (as applied to Buildings and Public Works) Cert. R.S.I.
	:	J.E.J. van der Merwe, Cert. R.S.I.
	:	G.A. Eudey, Cert. R.S.I., Trop. Hygiene Cert. R.S.I.
	:	A.W. Franklin, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.
	:	I.E. Roodt, Cert. R.S.I.
Rodent Officer	:	G. Fairfield.
Handyman and Transport Officer	:	A.H. Fairall.
1 Indian Fumigation Assistant	:	

HEALTH VISITING STAFF

Senior Health Visitor	:	Miss E.M. McDougall, Health Visitor's Cert. (Scotland); Health Visitor's Cert. R.S.I.; Mothercraft Cert. (New Zealand).
Health Visitors	:	Miss M.W. Marwick, Mothercraft Cert.
	:	Miss E.E. Holcomb, Health Visitor's Cert. R.S.I.; Mothercraft Cert.
	:	Miss M.J. Home, Health Visitor's Cert. R.S.I.; Mothercraft Cert., Fever Cert.
	:	Miss A.W. Wight ...../

(15) STAFF Cont'd.

HEALTH VISITING STAFF

Health Visitors	:	Miss A.W. Wight, Health Visitor's Cert. R.S.I.; R.M.P.I.
	:	Mrs. K.N. Hallowes, Health Visitor's Cert. R.S.I.; Mothercraft Cert.
Clinic Clerk	:	Mrs. A.C. Ferguson.

NATIVE NURSING AND HEALTH ASSISTANT STAFF

Native Nurse (Sobantu Village Dispensary)	:	Nurse Sophia Masongoa, Health Visitor's Cert. R.S.I.
Native Nurse and Midwife	:	Nurse Lulu Ngubane, S.A.M.C. Cert. (General and Midwifery).
Native Health Assistants	:	A.W. Mkize, V. Ntombela, G. Rodolo and R. Chamane.

ISOLATION HOSPITAL

Matron	:	E.C. Tiffin
Sisters	:	R. Browne, V.E. Kelly, M.B. Walker
Night Sister	:	K.E. Koen
Probationer Nurses	:	K. von Abo, A.S. du Toit
1 Housekeeper	:	M.E. Newton
14 Domestic Servants		
1 Native Night Watchmen		

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

Matron	:	C. Le Steers
1 Housekeeper	:	Mrs. M.E. Gordon
Native Staff Nurses	:	8
Native Probationer Nurses	:	5
Native Domestic Staff	:	22
Native Night Watchman	:	1

EPIDEMIC HOSPITAL

Officer-in-Charge	:	Position Vacant
Housekeeper	:	" "
Native Staff Nurse	:	" "
Native Orderlies	:	2
Night Watchman	:	1
Native Cook	:	1

ABATTOIR

Manager	:	G.B. Lupton, Cert. R.S.I.; Meat & Other Foods Cert. R.S.I.
Meat Inspectors	:	H. Dreyer, Cert. R.S.I.; Meat & Other Foods Cert. R.S.I.
	:	S.W.P. Swanepoel, Cert. R.S.I.; Meat & Other Foods Cert. R.S.I.
Clerk	:	Position Vacant
Stockyard Foreman	:	C.F. Heathman

* * * * * * *

REPORT B.

(1) HOUSING.

The City Council built 27 houses at the Sobantu Village for Natives, and temporary barracks for 9 Asiatic families.

Powers under the Borough By-Laws have been exercised sparingly in dealing with insanitary dwellings, owing to the acute housing shortage. 9 Dwellings were condemned for demolition under Public Health By-Law 19(b), (4 of these being demolished and 1 having been vacated by the end of the period under review), and 24 dwellings were voluntarily demolished mostly to make way for new buildings. Most of the buildings demolished were insanitary back yard shacks occupied as dwellings by Natives.

Plans.

All plans of new buildings are submitted by the City Engineer to this Department for our observations.

	Approved Outright	Approved Subject to Alterations	Disapproved	Referred for additional information	Total Submitted
1955	506	122	64	22	714

New Buildings.

The City Engineer reports that 271 dwellings and 166 flats were completed for Europeans, 21 dwellings and 14 flats for Asiatics and Coloureds, and 1 dwelling for Natives. This is in addition to the Council building detailed above.

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

The Pietermaritzburg Sobantu Village, situated about 3 miles from the centre of the Town, at Dec., 31st, 1955, contained 836 occupied houses and various public buildings, with an estimated population of 5,200. Water is supplied by communal standpipes from the Corporation Water Supply, and sanitation is by the pail system, separate for each house. Communal ablution blocks and laundries are provided. Provision for hot baths at a small charge has been made in the recently constructed ablution blocks, and this has proved very popular.

The City Council commenced the construction of an Economic Housing scheme at the Sobantu Village. Although there is still room available at the village the Government will not permit the extension of this scheme and these Economic Houses will be the last houses to be built at this village. All the houses at the Sobantu Village are being built by Native labour, under European supervision. The Council must now find another site approved under the Group Areas Act for further housing of its Native population. The Corporation's hostel accommodation for Natives remains unchanged.

There are three Corporation Hostels for single Natives. For Males there is the newly extended East Street Hostel (and annexes) now housing 1,750 Natives, and the Ortman Road Hostel with a capacity of 115. The Women's Hostel in Church Street houses 275 women, and an additional Women's Hostel housing 204 Natives has been established at Oribi to serve the Government Village mainly. These Hostels are under the control of the Municipal Native Administration Department, and two European Superintendents are employed. The scheme for a new Women's Hostel to house over 700 has been shelved owing to the very high tender figures received when the contract was offered. 223 Temporary Licences were granted during the year to house unexempted Natives under the Natives (Urban Areas) Act, pending the provision of more accommodation at the Village and Hostels.

About 60% of the Natives resident in the Town live in quarters provided on the property of their employers.

These ...../

These quarters are the subject of inspection by this Department and in general are satisfactory.

Asiatic Housing.

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

The Council has appointed a Woman Housing Manager, trained under the Octavia Hill Scheme, who operates under the Estates Manager in the City Treasurer's Department.

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

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

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

Since 1945, the following building has taken place:-

(1) Europeans: 1,777 Houses and 410 Flats.

(2) Natives: a) 439 Houses and 54 Flats.
b) Accommodation for 28 persons - aged and indigent Natives.
c) Additional Hostel accommodation for Native Males.

(3) Coloureds: 28 National (Sub-economic) Houses.

(4) Asiatics: 201 Houses and 14 Flats (including 75 Sub-economic and National Houses).

New Council Housing Schemes:

A scheme for 29 European Economic houses has been approved and construction will commence in January, 1956.

A scheme for 50 'economic' houses for Coloureds adjoining the present Coloured 'national' housing scheme in Fitzsimmons Road was commenced during 1955.

A Housing Scheme for 100 'National' houses and 100 'Economic' houses for Asiatics has now finally been approved. Tenders will be invited and it is hoped construction will commence in 1956.

While there is some lessening of the need for economic housing for Europeans due to private enterprise, this is not considerable, for only the high middle and upper income groups are able to meet the present day high cost of housing. The needs of the other income and racial groups are steadily increasing, and the housing to be provided can only be regarded as a commencement of the programme required to meet their full needs.

The fixing of £30 as a limit of income above which no person is eligible for a 'Sub-economic' or 'National' House now places most of the European 'Sub-economic' total quoted above into the "Economic" class, while the £20 limit for Non-Europeans brings a substantial proportion of the Coloured and Asiatic "Sub-economic" requirements into the "Economic" section.

* * * * * * * * *

DEATHS

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

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
1) INFECTIVE AND PARASITIC DISEASES.												
001. Typhoid Fever	0	0	0	0	1	1	0	0	0	0	0	0
008. Cerebrospinal Mgcl. Meningitis	0	0	0	1	0	1	0	0	0	0	0	0
012. Diphtheria	1	0	1	1	0	1	0	0	0	1	0	1
Tuberculosis of:-												
015. Respiratory system	0	0	0	3	8	11	0	2	2	1	1	2
016. Central Nervous system	0	0	0	1	0	1	0	0	0	0	0	0
017. Intestines and Peritoneum	0	0	0	2	0	2	0	0	0	0	0	0
019. Other bones and joints	0	1	1	0	0	0	0	0	0	0	0	0
023. Other organs	0	0	0	1	0	1	0	0	0	0	0	0
032. Bacillary dysentery	0	0	0	0	0	0	1	0	1	0	0	0
033. Amoebic dysentery	0	1	1	1	0	1	1	0	1	0	0	0
Syphilis:-												
042. Aneurysm of Aorta	0	0	0	0	1	1	0	1	1	0	0	0
044. Other forms	1	0	1	0	0	0	0	0	0	0	0	0
048. Influenza with respiratory complications	0	0	0	0	1	1	0	0	0	0	0	0
049. Influenza without respiratory complications	0	1	1	0	0	0	0	0	0	0	0	0
052. Measles	0	0	0	1	0	1	0	0	0	0	0	0
053. Acute Poliomyelitis	1	0	1	0	0	0	0	0	0	0	0	0
068. Tapeworms	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL : GROUP I	3	3	6	12	11	23	2	3	5	2	1	3
2) CANCER AND OTHER TUMOURS.												
100. Pharynx	3	0	3	0	0	0	1	0	1	0	0	0
101. Oesophagus	3	1	4	0	0	0	0	0	0	0	1	1
102. Stomach and duodenum	4	1	5	1	0	1	0	0	0	0	0	0
103. Rectum	3	3	6	0	0	0	0	0	0	0	0	0
104. Liver	0	4	4	0	1	1	0	0	0	1	0	1
105. Pancreas	2	1	3	0	0	0	0	0	0	1	0	1
106. Other digestive organs (including peritoneum)	0	1	1	0	0	0	0	0	0	0	0	0
107. Larynx	1	0	1	0	1	1	0	0	0	0	0	0
109. Lung	1	1	2	0	0	0	0	0	0	0	1	1
110. Uterus	0	2	2	0	0	0	0	1	1	0	0	0
111. Other female genital organs	0	1	1	0	1	1	0	1	1	0	0	0
112. Breast	0	1	1	0	1	1	0	0	0	0	0	0
113. Prostate	3	0	3	0	0	0	0	0	0	0	0	0
114. Other male genital organs	1	0	1	0	0	0	0	0	0	1	0	1
115. Male and female urinary organs	1	0	1	0	0	0	0	0	0	0	0	0
116. Skin	1	0	1	0	0	0	0	0	0	0	0	0
119. Unspecified organs	2	0	2	1	0	1	0	0	0	1	0	1
136. Other unspecified organs (tumours of undetermined nature)	0	2	2	0	0	0	0	0	0	0	0	0
TOTAL : GROUP II	25	18	43	2	4	6	1	2	3	4	2	6
Total C/Forward	28	21	49	14	15	29	3	5	8	6	3	9

DEATHS Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	28	21	49	14	15	29	3	5	8	6	3	9
3) RHEUMATISM, DISEASES OF NUTRITION, ETC.												
152. Diabetes	1	0	1	0	0	0	1	0	1	0	1	1
163. Malnutrition	0	0	0	9	11	20	0	1	1	1	0	1
TOTAL : GROUP 3	1	0	1	9	11	20	1	1	2	1	1	2
4) DISEASES OF THE BLOOD.												
207. Leukaemia	0	1	1	0	0	0	1	0	1	0	0	0
TOTAL : GROUP 4	0	1	1	0	0	0	1	0	1	0	0	0
6) DISEASES OF THE NERVOUS SYSTEM.												
300. Intra-cranial abscess	1	0	1	1	0	1	0	0	0	0	0	0
303. Other forms of meningitis	0	0	0	1	1	2	0	0	0	0	0	0
305. Cerebral haemorrhage	13	15	28	2	6	8	2	0	2	6	8	14
306. Cerebral embolism and thrombosis	0	3	3	0	0	0	1	0	1	1	0	1
308. Mental disorders and deficiency	0	0	0	1	0	1	0	0	0	0	0	0
309. Epilepsy	0	0	0	2	0	2	0	0	0	0	0	0
310. Convulsions in children	0	0	0	0	1	1	0	0	0	0	0	0
313. Paralysis agitans	1	2	3	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 6	15	20	35	7	8	15	3	0	3	7	8	15
7) DISEASES OF THE CIRCULATORY SYSTEM												
352. Acute endocarditis	1	0	1	1	0	1	0	0	0	0	0	0
353. Valvular disease - rheumatic	1	0	1	0	1	1	0	0	0	0	0	0
354. Other forms	0	1	1	0	0	0	1	0	1	0	0	0
355. Acute myocarditis	0	1	1	1	0	1	0	0	0	0	1	1
356. Chronic myocarditis - rheumatic	1	4	5	0	0	0	0	0	0	0	0	0
357. Other chronic myocarditis	5	5	10	0	0	0	0	0	0	3	1	4
358. Diseases of the coronary arteries and angina pectoris	30	26	56	0	0	0	1	1	2	11	3	14
360. Other diseases of heart not specified as rheumatic	14	26	40	6	7	13	1	1	2	10	10	20
362. Arterio sclerosis	0	3	3	0	0	0	0	0	0	1	0	1
367. High blood pressure	5	6	11	1	0	1	1	1	2	1	2	3
368. Other diseases of the circulatory system	2	0	2	0	0	0	0	0	0	1	0	1
TOTAL : GROUP 7	59	72	131	9	8	17	4	3	7	27	17	44
Total C/Forward	103	114	217	39	42	81	12	9	21	41	29	70

DEATHS Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	103	114	217	39	42	81	12	9	21	41	29	70
8) DISEASES OF THE RESPIRATORY SYSTEM												
401. Diseases of the larynx	0	0	0	0	0	0	0	0	0	0	0	0
402. Acute bronchitis	0	0	0	0	2	2	0	0	0	1	2	3
403. Chronic bronchitis	0	0	0	1	0	1	0	0	0	0	3	3
404. Broncho pneumonia	1	4	5	10	6	16	0	0	0	4	5	9
405. Lobar pneumonia	4	2	6	4	5	9	1	0	1	0	3	3
406. Pneumonia - unspecified	2	0	2	0	0	0	0	0	0	0	0	0
407. Empyema	0	0	0	2	1	3	0	0	0	0	0	0
410. Chronic or unspecified congestion of the lungs	2	3	5	1	0	1	0	0	0	0	1	1
411. Asthma	1	0	1	0	0	0	0	0	0	1	0	1
413. Miners' phthisis without T.B.	1	0	1	0	0	0	0	0	0	0	0	0
417. Abscess of the lung	0	0	0	0	0	0	0	0	0	2	0	2
418. Other diseases of the respiratory system not specified as occupational	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP 8	11	9	20	18	15	33	1	0	1	8	14	22
9) DISEASES OF THE DIGESTIVE SYSTEM												
455. Ulcer of the stomach	1	2	3	0	0	0	0	0	0	1	0	1
456. Ulcer of the duodenum	0	1	1	0	0	0	0	0	0	0	0	0
457. Other diseases of stomach	2	0	2	0	0	0	0	0	0	0	0	0
458. Diarrhoea and enteritis (under 2 years)	0	0	0	21	20	41	1	3	4	6	3	9
459. Diarrhoea and enteritis (over 2 years)	0	0	0	5	4	9	0	0	0	1	0	1
461. Appendicitis	1	1	2	0	0	0	0	0	0	0	0	0
463. Intestinal obstruction	0	4	4	1	0	1	0	0	0	0	0	0
465. Other diseases of intestines	1	0	1	0	0	0	0	0	0	0	0	0
467. Cirrhosis of liver - without alcoholism	0	0	0	1	1	2	1	0	1	2	1	3
468. Acute yellow atrophy of liver	0	0	0	0	1	1	0	0	0	0	0	0
469. Other diseases of liver	1	3	4	0	1	1	0	0	0	1	0	1
TOTAL : GROUP 9	6	11	17	28	27	55	2	3	5	11	4	15
10) DISEASES OF THE URINARY AND GENITAL SYSTEMS												
501. Chronic nephritis	2	3	5	0	1	1	0	0	0	0	4	4
502. Nephritis	1	0	1	0	0	0	0	0	0	0	0	0
503. Pyelitis	1	0	1	0	0	0	0	0	0	0	1	1
504. Other diseases of kidneys and ureters	0	1	1	0	0	0	0	0	0	0	0	0
506. Cystitis	0	0	0	0	1	1	0	0	0	0	0	0
509. Hypertrophy prostate	1	0	1	0	0	0	0	0	0	0	0	0
512. Diseases of ovaries and fallopian tubes	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP 10	5	4	9	0	3	3	0	0	0	0	5	5
Total C/Forward	125	138	263	85	87	172	15	12	27	60	52	112

DEATHS Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	125	138	263	85	87	172	15	12	27	60	52	112
11) DISEASES OF PREGNANCY												
554. Ectopic gestation	0	0	0	0	2	2	0	0	0	0	0	0
558. Eclampsia	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP 11	0	0	0	0	3	3	0	0	0	0	0	0
12) DISEASES OF SKIN AND CELLULAR TISSUE												
601. Cellulitis	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL : GROUP 12	0	0	0	0	0	0	0	0	0	1	0	1
13) DISEASES OF THE BONES												
650. Osteomyelitis	1	0	1	0	0	0	0	0	0	0	0	0
651. Other diseases of bones - not T.B.	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL : GROUP 13	1	0	1	0	0	0	0	0	0	1	0	1
14) CONGENITAL MALFORMATIONS												
700. Hydrocephalus	0	0	0	0	0	0	0	0	0	0	1	1
701. Spina bifida	0	0	0	0	0	0	0	0	0	0	1	1
702. Congenital malformation of heart	0	0	0	0	1	1	0	0	0	0	0	0
709. Unspecified congenital malformations	1	0	1	1	0	1	0	0	0	0	0	0
TOTAL : GROUP 14	1	0	1	1	1	2	0	0	0	0	2	2
15) DISEASES PECULIAR TO FIRST YEAR OF LIFE												
750. Congenital debility	0	0	0	0	0	0	0	0	0	1	0	1
751. Premature birth	1	1	2	7	7	14	1	0	1	2	3	5
752. Injury at birth - Intra-cranial haemorrhage	2	0	2	1	2	3	1	0	1	1	1	2
754. Asphyxia during or after birth	2	1	3	1	0	1	0	0	0	0	3	3
758. Other specified diseases	2	1	3	1	0	1	0	0	0	1	0	1
TOTAL : GROUP 15	7	3	10	10	9	19	2	0	2	5	7	12
16) SENILITY												
800. Senility (age 65 and over)	5	8	13	0	0	0	0	1	1	3	4	7
TOTAL : GROUP 16	5	8	13	0	0	0	0	1	1	3	4	7
Total C/Forward	139	149	288	96	100	196	17	13	30	70	65	135

DEATHS Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	139	149	288	96	100	196	17	13	30	70	65	135
17) VIOLENT OR ACCIDENTAL DEATHS												
850. Suicide by poisoning - corrosive substances	0	0	0	0	0	0	0	0	0	1	0	1
851. Suicide - analgesic, narcotic and soporific drugs	0	1	1	0	0	0	0	0	0	0	0	0
858. Firearms and explosives	1	0	1	0	0	0	0	0	0	0	0	0
864. Homicide - infanticide (infants under one year)	0	0	0	0	0	0	0	0	0	0	1	1
866. Homicide by cutting or piercing instruments	1	0	1	2	1	3	0	0	0	0	0	0
867. Unspecified homicide	0	0	0	1	0	1	0	0	0	2	0	2
868. Accidents on railways	3	0	3	0	0	0	0	0	0	0	0	0
870. Collisions with trams, trolley-buses	0	0	0	0	0	0	0	0	0	1	0	1
871. Other accidents (motor)	1	0	1	1	0	1	0	0	0	2	1	3
874. Other accidents - Motor-driven cycles	1	0	1	0	0	0	0	0	0	0	0	0
891. Accidental burns	0	0	0	0	1	1	0	0	0	1	0	1
892. Accidental mechanical suffocation	0	0	0	0	0	0	1	0	1	0	0	0
893. Accidental drowning	0	0	0	0	0	0	0	0	0	2	0	2
894. Accidental injury by firearms	1	0	1	0	0	0	0	0	0	0	0	0
896. Accidental injury by fall	2	0	2	1	0	1	0	0	0	0	0	0
906. Anaesthetic accidents	1	1	2	0	0	0	0	0	0	0	0	0
908. Other and unspecified accidents	0	2	2	0	1	1	1	0	1	1	0	1
TOTAL : GROUP 17	11	4	15	5	3	8	2	0	2	10	2	12
18) ILL-DEFINED CAUSES OF DEATH												
951. Ill-defined causes	2	4	6	8	7	15	2	2	4	1	0	1
952. Found dead- cause unknown	2	0	2	2	0	2	0	1	1	0	0	0
TOTAL : GROUP 18	4	4	8	10	7	17	2	3	5	1	0	1
TOTAL	154	157	311	111	110	221	21	16	37	81	67	148

INFANTILE MORTALITY

(under 1 year)

CAUSES OF DEATH

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR		
	M	F	P	M	F	P	M	F	P	M	F	F	M	F	P
008. Cerebro spinal Meningo-coccal Meningitis	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
015. Pulmonary Tuberculosis	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
032. Bacillary Dysentery	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
052. Measles	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
163. Malnutrition	0	0	0	4	6	10	0	1	1	1	0	1	5	7	12
300. Intra-cranial abscess	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
303. Meningitis - other forms	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
305. Cerebral haemorrhage - not birth injury	1	0	1	0	0	0	1	0	1	2	1	3	3	1	4
310. Convulsions (children under 5 years)	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
360. Other diseases of heart not specified as rheumatic	0	0	0	1	1	2	0	0	0	1	0	1	2	1	3
402. Acute bronchitis	0	0	0	0	2	2	0	0	0	1	1	2	1	3	4
404. Broncho Pneumonia	0	0	0	8	0	8	0	0	0	1	2	3	9	2	11
405. Lobar Pneumonia	0	0	0	2	2	4	0	0	0	0	3	3	2	5	7
406. Pneumonia - unspecified	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
458. Diarrhoea & Enteritis	0	0	0	12	10	22	1	2	3	4	2	6	17	14	31
501. Chronic Nephritis	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
601. Cellulitis	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
650. Osteomyelitis	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
700. Congenital hydrocephalus	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
709. Unspecified congenital malformations	1	0	1	1	0	1	0	0	0	0	0	0	1	0	1
750. Congenital debility	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
751. Premature birth	1	1	2	6	7	13	1	0	1	2	3	5	9	10	19
752. Intra-cranial haemorrhage	1	0	1	1	2	3	0	0	0	0	0	0	1	2	3
754. Asphyxia, atelectasis	2	1	3	1	0	1	0	0	0	0	3	3	1	3	4
758. Other specified diseases	2	1	3	1	0	1	0	0	0	1	0	1	2	0	2
864. Infanticide	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
867. Homicide by unspecified means	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
891. Accidental burns	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
892. Accidental mechanical suffocation	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
893. Accidental drowning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908. Other & unspecified accidents	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
951. Ill-defined causes	0	0	0	3	6	9	1	0	1	1	0	1	5	6	11
952. Found dead, cause unknown	0	0	0	2	0	2	0	1	1	0	0	0	2	1	3
TOTAL :	11	3	14	44	41	85	6	4	10	17	18	35	67	63	130

INFANTILE MORTALITY

	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	6	3	9	10	11	21	1	0	1	7	11	18	18	22	40
1 Week - 1 Month	2	0	2	5	2	7	1	0	1	1	0	1	7	2	9
1 Month - 2 Months	2	0	2	5	9	14	0	1	1	1	2	3	6	12	18
2 Months - 5 Months	0	0	0	10	7	17	2	1	3	2	1	3	14	9	23
5 Months - 8 Months	0	0	0	8	7	15	1	2	3	5	1	6	14	10	24
8 Months - 11 Months	1	0	1	6	5	11	1	0	1	1	3	4	8	8	16
TOTAL :	11	3	14	44	41	85	6	4	10	17	18	35	67	63	130

INFANTILE MORTALITY RATES

(Deaths per 1,000 Births)

	EUROPEAN	NATIVE	COLOURED	ASIATIC
During 1st Week	9 : 13.5	21 : 18.9	1 : 5.8	18 : 27.0
1 Week - 1 Month	2 : 3.0	7 : 6.3	1 : 5.8	1 : 1.5
1 Month - 2 Months	2 : 3.0	14 : 12.6	1 : 5.8	3 : 4.4
2 Months - 5 Months	0 : 0	17 : 15.3	3 : 17.2	3 : 4.4
5 Months - 8 Months	0 : 0	15 : 13.5	3 : 17.2	6 : 8.8
8 Months - 11 Months	1 : 1.5	11 : 9.9	1 : 5.8	5 : 5.9
Infantile Mortality Rate	14 : 21.1	85 : 76.3	10 : 57.5	35 : 51.0

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

European	:	4.5%
Native	:	38.6%
Coloured	:	27.0%
Asiatic	:	23.7%
All Non-European	:	32.1%
All Races	:	20.1%

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

	EUROPEAN		NATIVE		COLOURED		ASIATIC		ALL NON-EUR	
	No.	%	No.	%	No.	%	No.	%	No.	%
Malnutrition	0	0	10	11.8	1	10	1	2.9	12	9.2
Tuberculosis (all forms)	0	0	1	1.2	0	0	0	0	1	0.8
Gastro-Enteritis	0	0	22	25.6	3	30	6	17.1	31	23.7
Bronchitis & Pneumonia	1	7.1	14	16.3	0	0	8	22.9	22	16.8
Malformations	1	7.1	1	1.2	0	0	1	2.9	2	1.5
Congenital Debility	0	0	0	0	0	0	1	2.9	1	0.8
Prematurity	2	14.3	13	15.1	1	10	5	14.3	19	14.5
Injury at Birth	1	7.1	3	3.5	0	0	0	0	3	2.3
Asphyxia - Atelectasis	3	21.4	1	1.2	0	0	3	8.6	4	3.1
Convulsions	0	0	1	1.2	0	0	0	0	1	0.8
Whooping Cough	0	0	0	0	0	0	0	0	0	0
Syphilis	0	0	0	0	0	0	0	0	0	0
Diphtheria	0	0	0	0	0	0	0	0	0	0
Measles	0	0	1	1.2	0	0	0	0	1	0.8
Cerebro-Spinal Fever	0	0	1	1.2	0	0	0	0	1	0.8
Other specified Causes	6	42.9	6	7.0	3	30	9	25.7	18	13.7
Ill-defined causes	0	0	11	12.8	2	20	1	2.9	14	10.7
	14		85		10		35		130	

PULMONARY TUBERCULOSIS

DEATHS IN MONTHS OF THE YEAR

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
February	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
March	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	2	0	2	0	2	2	0	0	0	2	2	4
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
September	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
October	0	0	0	0	1	1	0	0	0	1	0	1	1	1	2
November	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
December	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
TOTAL :	0	0	0	3	8	11	0	2	2	1	1	2	4	11	15

DEATH RATES (PER 1,000 POPULATION)

European	:	0
Native	:	0.44
Coloured	:	0.47
Asiatic	:	0.08
All Non-European	:	0.28
All Persons	:	0.17

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
0 - 1 year	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
1 - 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
5 - 14 years	0	0	0	0	1	1	0	1	1	0	0	0	0	2	2
15 - 24 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
25 - 34 years	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
35 - 44 years	0	0	0	2	1	3	0	1	1	0	1	1	2	3	5
45 - 54 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
55 - 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 - 74 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
75 and Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	0	0	0	3	8	11	0	2	2	1	1	2	4	11	15

NON-PULMONARY TUBERCULOSIS

DEATHS IN MONTHS OF THE YEAR

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
October	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
TOTAL :	0	1	1	4	0	4	0	0	0	0	0	0	4	0	4

DEATH RATE PER 1,000 POPULATION

European	:	0.02
Native	:	0.16
Coloured	:	0
Asiatic	:	0
All Non-European	:	0.08
ALL PERSONS	:	0.05

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
0 - 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
25 - 34 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 - 44 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 - 54 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
55 - 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 - 74 years	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
75 and Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	0	1	1	4	0	4	0	0	0	0	0	0	4	0	4

CANCER AND OTHER TUMOURS

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
nder 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 4 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
- 14 years	0	0	0	0	1	1	0	0	0	1	0	1	1	1	2
5 - 24 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
5 - 34 years	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
5 - 44 years	2	1	3	0	0	0	0	1	1	0	0	0	0	1	1
5 - 54 years	2	7	9	0	0	0	0	0	0	0	0	0	0	0	0
5 - 64 years	1	2	3	1	2	3	1	0	1	0	1	1	2	3	5
5 - 74 years	12	2	14	0	0	0	0	0	0	2	1	3	2	1	3
5 and Over	8	6	14	0	0	0	0	0	0	1	0	1	1	0	1
OTAL :	25	18	43	2	4	6	1	2	3	4	2	6	7	8	15

DEATH RATES PER 1,000 POPULATION

European	:	1.23
Native	:	0.24
Coloured	:	0.71
Asiatic	:	0.25
All Non-European	:	0.28
ALL PERSONS	:	0.66

FORMS OF CANCER CAUSING DEATHS GIVEN IN AGE GROUPS

	0 - 24				25 - 44				45 - 64				65 and Over			
	Eur.		N-Eur.		Eur.		N-Eur.		Eur.		N-Eur.		Eur.		N-Eur.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Cancer of :-																
00. Buccal Cavity	0	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0
01. Oesophagus	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0
02. Stomach and Duodenum	0	0	0	0	1	0	0	0	2	0	1	1	1	1	0	0
03. Rectum	0	0	0	0	1	0	0	0	0	2	0	0	2	1	0	0
04. Liver	0	0	0	1	0	0	0	0	0	2	0	1	0	2	0	0
05. Pancreas	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0
06. Other digestive organs (incl. peritoneum)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
07. Larynx	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
09. Lung	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
10. Uterus	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0
11. Other female genital organs	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0
12. Breast	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
13. Prostate	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
14. Other male genital organs	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
15. Male and female urinary organs	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
16. Skin	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
17. Brain and other parts of nervous system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18. Bones	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19. Other and unspecified organs	0	0	1	0	0	0	0	0	0	0	0	0	2	0	1	0
36. Other & unsp. organs	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
TOTAL :	0	0	1	3	2	1	0	2	3	9	2	3	20	8	3	1

DEATHS DUE TO BRONCHITIS AND PNEUMONIA

(Code Nos. 402 - 406)

RESIDENTS : (Given in months of the Year).

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
anuary	2	0	2	1	0	1	0	0	0	0	1	1	1	1	2
ebruary	0	2	2	0	1	1	0	0	0	0	1	1	0	2	2
arch	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
pril	0	1	1	2	0	2	1	0	1	1	0	1	4	0	4
ay	0	0	0	1	2	3	0	0	0	0	0	0	1	2	3
une	0	1	1	2	3	5	0	0	0	0	0	0	2	3	5
uly	4	0	4	0	2	2	0	0	0	1	5	6	1	7	8
ugust	1	0	1	3	2	5	0	0	0	1	0	1	4	2	6
eptember	0	0	0	2	1	3	0	0	0	0	2	2	2	3	5
ctober	0	0	0	2	1	3	0	0	0	0	3	3	2	4	6
ovember	0	1	1	2	0	2	0	0	0	1	1	2	3	1	4
ecember	0	1	1	0	1	1	0	0	0	0	0	0	0	1	1
OTAL :	7	6	13	15	13	28	1	0	1	5	13	18	21	26	47

RESIDENTS : (GIVEN IN AGE GROUPS)

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
nder 1 year	1	0	1	10	4	14	0	0	0	2	6	8	12	10	22
- 2 years	0	0	0	0	5	5	0	0	0	0	2	2	0	7	7
- 4 years	0	0	0	1	1	2	0	0	0	1	2	3	2	3	5
- 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 34 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 44 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
- 54 years	1	0	1	0	1	1	0	0	0	1	0	1	1	1	2
- 64 years	0	0	0	2	1	3	1	0	1	1	0	1	4	1	5
- 74 years	0	0	0	1	0	1	0	0	0	0	2	2	1	2	3
and Over	5	6	11	1	0	1	0	0	0	0	1	1	1	1	2
TAL :	7	6	13	15	13	28	1	0	1	5	13	18	21	26	47

ronchitis	0	0	0	1	2	3	0	0	0	1	5	6	2	7	9
neumonia	7	6	13	14	11	25	1	0	1	4	8	12	19	19	38
OTAL :	7	6	13	15	13	28	1	0	1	5	13	18	21	26	47

DEATH RATES PER 1,000 POPULATION

BRONCHITIS	: Code Nos. 402 - 403.	PNEUMONIA	: Code Nos. 404-406.
European	: 0	European	: 0.37
Native	: 0.12	Native	: 1.00
Coloured	: 0	Coloured	: 0.23
Asiatic	: 0.25	Asiatic	: 0.51
All Non-European	: 0.17	All Non-European	: 0.72
All Persons	: 0.10	All Persons	: 0.57

DISEASES OF THE HEART AND CIRCULATORY SYSTEM

(Code Nos. 350 - 368)

DEATH 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
nder 1 year	0	0	0	1	1	2	0	0	0	1	0	1	2	1	3
1 - 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
5 - 24 years	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2
5 - 34 years	0	1	1	0	1	1	0	0	0	1	1	2	1	2	3
5 - 44 years	3	1	4	3	2	5	0	0	0	2	1	3	5	3	8
5 - 54 years	5	3	8	1	0	1	0	0	0	4	5	9	5	5	10
5 - 64 years	10	5	15	0	1	1	2	2	4	5	4	9	7	7	14
5 - 74 years	20	23	43	1	2	3	1	1	2	8	1	9	10	4	14
5 and Over	21	39	60	3	1	4	1	0	1	5*	2	7	9	3	12
OTAL :	59	72	131	9	8	17	4	3	7	27	17	44	40	28	68

* Inc. 1 age unknown.

DEATH RATE (PER 1,000 POPULATION)

European	:	3.77
Native	:	0.68
Coloured	:	1.66
Asiatic	:	1.87
All Non-European	:	1.29
All Persons	:	2.28

DEATHS DUE TO DIARRHŒA AND ENTERITIS

(Under age of 2 years)

(Code No. 458)

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January	0	0	0	1	5	6	1	2	3	0	1	1	2	8	10
February	0	0	0	4	2	6	0	0	0	0	1	1	4	3	7
March	0	0	0	1	4	5	0	0	0	1	0	1	2	4	6
April	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
May	0	0	0	3	4	7	0	0	0	0	0	0	3	4	7
June	0	0	0	1	0	1	0	1	1	0	0	0	1	1	2
July	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
August	0	0	0	0	0	0	0	0	0	2	0	2	2	0	2
September	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	2	2	4	0	0	0	1	1	2	3	3	6
December	0	0	0	4	3	7	0	0	0	2	0	2	6	3	9
TOTAL :	0	0	0	21	20	41	1	3	4	6	3	9	28	26	54

DISTRICTS OF RESIDENCE OF CASES OF ENTERIC FEVER AND TUBERCULOSIS

	Notifications of Enteric Fever	Deaths from Tuberculosis
P.M. Burg Central	3	8
Zwartkop Valley	-	-
Wembley	-	-
Scottsville (in water supply area)	2	3
Scottsville (outside water supply area)	-	-
Mountain Rise	-	-
Pentrich (in water supply area)	-	-
Pentrich (outside water supply area)	-	-
Chase and Town Bush Valleys	1	2
Sobantu Village	1	5
Hathorn's Hill	-	-
Asiatic Housing Scheme	-	1
Raisethorpe	1	1
Unable to trace residence	-	-
TOTAL :	8	20

TUBERCULOSIS CLINIC

	European				Native				Coloured				Asiatic				Total			
	Bor.		O/B.		Bor.		O/B		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
New Cases	50	22	1	3	113	51	161	31	12	14	1	3	74	41	14	5	249	128	177	42
Total Attendances	156	125	4	11	458	179	426	95	42	57	13	16	383	183	40	24	1039	544	483	146
Sputa Examined	38	29	2	2	86	14	84	12	10	9	-	3	97	14	1	-	231	66	85	17
Sputa Positive	3	9	-	-	6	2	10	1	1	2	-	-	16	1	-	-	26	14	11	1
X-Ray Examinations	96	55	20	12	245	77	181	43	19	33	4	3	191	76	16	19	551	241	221	77
X-Ray Positive	49	29	12	11	80	53	102	20	17	24	3	3	128	38	10	16	274	144	126	49
Positive Diagnosis made	3	2	-	-	6	4	11	9	-	2	1	1	6	2	-	1	15	10	12	11
Adm. to Non-Eur. Inf. Dis. Hosp. from Clinic	-	-	-	-	6	2	23	2	1	-	1	-	6	1	-	-	13	3	24	2
Contacts Examined	3	3	-	-	2	2	-	1	3	1	1	-	14	16	-	-	22	22	1	1

	EUROPEAN	NATIVE	COLOURED	ASIATIC	TOTAL
Streptomycin Injections given	1,053	1,478	463	3,805	6,800
Home Visits to Tuberculotics and their contacts (Borough cases only)	400	1,285	197	1,010	2,892

MINIATURE X-RAY CLINIC ATTENDANCES

REASON FOR X-RAY		EUROPEAN				NATIVE				COLOURED				ASIATIC				TOTAL			
		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Ref. by Pass Office Med. Examination	Routine					12												12			
	Suspect					2536		978										2536		978	
Pre-Employment X-Ray	Private Firms					20		19		25		4		216		22		261		45	
	Muni. Super. Fund	81	24	3	8													81	24	3	8
Ref. by Employers	Routine	7	5			711	72	46	2	5	2			71		6		794	79	52	2
	Suspect					2	10		2		4			12				14	14		2
	Contact	7	4	1		216	29	10	4					8		3		231	33	14	4
Ref. by Doctors	Suspect	155	120	37	28	194	80	89	90	44	18	32	16	182	140	53	28	575	358	211	162
	Contact		1			1	5			1	1		1					2	7		1
Voluntary Attendance	Routine	186	154	29	28	27	33	7	9	20	22	8	6	71	25	12	7	304	234	56	50
	Contact	52	92	17	8	2	2	2	2	5	4	4	11	14	1	2	2	73	99	25	23
Referred by Health Visitor	Suspect	1				5	8		1	2	1			3	4			11	13		1
	Contact	14				81	83	7	3	21	34			145	179	2	3	261	296	9	6
Follow-up X-Rays	ex Hosp.	24	2			122	47	2	1	8	11			34	8	1		188	68	3	1
	ex Clinic	8	3	5	2	29	14		2	10	4		1	37	32	2		84	53	7	5
TOTALS :		535	405	92	74	3958	383	1160	116	141	101	48	35	793	389	103	40	5427	1278	1403	265

GRAND TOTAL : 8,373

RESULTS OF MINIATURE X-RAYS

	EUROPEAN				NATIVE				COLOURED				ASIATIC				TOTAL			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1. Suspected P. Tuberculosis	49	15	2	4	231	30	80	20	22	16	2	1	73	15	13	5	375	76	97	30
2. Other lung conditions	94	44	28	10	199	36	86	29	18	10	4	4	51	48	13	5	362	138	131	48
3. Cardiac conditions	11	3	5	1	54	7	10	6	2	1	-	-	9	2	3	-	76	13	18	7
4. Spinal or Thoracic cage	3	3	-	-	29	9	4	1	1	-	-	1	2	-	2	-	35	12	6	2
5. Nil abnormal detected	342	330	52	77	3277	237	966	57	79	59	42	28	582	282	68	30	4280	1029	1128	192
6. Other conditions noted	4	5	-	-	17	3	5	-	1	-	-	-	5	2	1	-	27	10	6	-
TOTALS :	503	400	87	92	3807	322	1158	113	123	86	48	34	722	349	100	40	5155	1157	1393	259

FOLLOW-UP RESULTS OF SUSPECTED CASES DETECTED BY MINIATURE X-RAY

	EUROPEAN				NATIVE				COLOURED				ASIATIC				TOTAL			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
A. T.B. Active	5	2	-	1	50	7	15	5	5	7	-	-	8	1	3	-	68	17	18	6
B. T.B. Arrested	5	3	1	-	15	-	4	1	-	3	-	-	10	2	1	-	30	8	6	1
C. Non-T.B.	21	6	-	2	91	8	32	3	5	3	-	-	23	3	4	1	140	20	36	6
D. Other	8	-	-	-	36	9	16	7	7	1	-	-	17	6	3	2	68	16	19	9

VENEREAL DISEASE

CLINIC ATTENDANCES FOR THE YEAR ENDING 31st DECEMBER, 1955.

(for key) (see page) (47)	NEW CASES																TOTAL ATTENDANCES															
	EUROPEAN				NATIVE				COLOURED				ASIATIC				EUROPEAN				NATIVE				COLOURED				ASIATIC			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1					15	1	4	1													46	7	20	20	1	1			1			
2					2	1	5						2								37	28	9						14			
3	1	2			15	10	8	13		1							4	6			112	102	15	50	2	9						
4																		6			5				3					2		
5		1			31	45	10	9		2	1	5	2	17		2	1	6			306	451	58	119	20	103	1	31	31	64	1	4
6							1														2		2									
7					1	2	1		1					1							15	9	2	1	13	2			7	2		
8								1						1			1					1	2	1					4			3
9	2	1			21	6	5	8	1				1	2			5	2			88	24	17	45	3	1			6			
10								1									1							1					1			
11						1	1						4	2							3	5	1	2		2			9			
12																					1		1									
13																																
14					1																2											
15					3	1	3	1													5	2	12	1								
16																																
17	1				20	27	8	12	4	2			5	6			1				103	106	21	29	10	10	3	2	15	11		
18									2												1	2			14							
Total :	4	4			109	94	46	46	8	5	1	5	14	29		2	13	20			726	737	160	269	66	128	4	33	88	79	1	7
19 Discharged on Probn.					149	128	27	14	6	15		5	7	22																		
20 Discharged Finally					76	35	9	5	7	5		1	6	13																		

V.D. CLINIC DEFAULTER INVESTIGATIONS

	EUROPEAN		NATIVE		COLOURED		ASIATIC	
	M	F	M	F	M	F	M	F
UNABLE TO TRACE	-	-	8	22	0	4	2	2
RETURNED TO CLINIC	4	4	151	175	12	34	23	51
DID NOT RETURN	2	0	33	89	9	21	12	36
TOTAL OF DEFAULTERS	6	4	192	286	21	59	37	89
NO. OF VISITS	6	5	243	347	28	97	51	150
RETURNED TO CLINIC								
A. At Request of Health Visitor or Native Health Assistant.								
1) Following personal visits	4	4	151	175	12	34	23	51
2) Following letters	-	-	-	-	-	-	-	-
3) Following telephone calls	-	-	-	-	-	-	-	-
4) Traced through Pass Office Records	-	-	9	1	-	-	-	-
5) Following accidental encounter	-	-	1	14	2	-	2	-
B. Supplementary Visits by Health Visitor (in case of Native Health Assistants).								
1) Defaulter visited	-	-	-	-	-	1	-	-
2) Employer telephoned	-	-	-	-	-	-	-	-
3) Employer visited	-	-	-	-	-	-	2	-
REASONS FOR DEFAULTING								
No reason	-	-	12	4	8	9	16	16
Unable to pay transport	-	-	21	32	-	-	-	-
Left City	2	-	17	83	1	1	-	-
Illness	-	-	23	15	-	2	-	1
Hours of work prevent attendance:	-	-	31	37	-	-	1	-
Prefer morning Clinic	-	-	-	-	-	-	-	-
Prefer evening Clinic	-	-	7	-	-	-	-	-
Prefer afternoon Clinic	-	-	1	18	-	-	-	-
Prefer Saturday morning Clinic	-	-	7	-	-	-	-	-
Thought him/herself cured	-	-	37	46	-	-	2	1
Races not separated enough at Clinic	-	-	1	-	-	-	-	-
Clinic not private enough	-	-	6	1	-	-	-	-
Reaction to Injections	-	-	9	14	-	-	-	-
Other reasons	-	-	39	50	5	3	11	17

VENEREAL DISEASE Cont'd.

EPIDEMIC (V.D.) HOSPITAL RETURNS

NATIVE (for key) (see page) (47)	A In Hospital last day of precdg. year				B Admitted from Pass Office & Gaol				C Admitted Voluntarily & from V.D. Clinic				Discharged or Absconded or Died after Treatment of Duration																			
													0 - 14 Days D				15 - 28 Days E				29 - 42 Days F				43 - 56 Days G				57 + Days H			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1			1		1		2		23	2	36	3	21	2	35	3			1													
2	1				1		1		13	3	28	5	14	7	29	13																
3	1		1	1	3		1		19	19	25	57	20	16	26	53																
4							1				1	1			2	1																
5									1	1	4	7	1	1	3	7																
6																																
7											10	8			10	8																
8																																
9				1			1		15	2	15	13	14	2	15	15																
10												2		1		2																
11												1			1	2																
12									5		7		5		5																	
13			1						1		1	1	1		2	1																
14																				1												
15					3		5		10	1	16	4	12	1	20	1																
16																																
17											1					1																

No. of admissions during Year:

	Borough Males	Borough Females	O/Borough Males	O/Borough Females
No. of individuals admitted during the year.	83	26	146	100
No. of individuals discharged during the year.	24	25	145	104

	Borough Males	Borough Females	O/Borough Males	O/Borough Females
No. of Patients suffering from 2 or more Venereal Diseases.	9	2	9	5

VENEREAL DISEASE Cont'd.

EPIDEMIC (V.D.) HOSPITAL RETURNS

COLOURED (for key) (see page) (47)	A In Hospital last day of precdg. year				B Admitted from Pass Office & Gaol				C Admitted Voluntarily & from V.D. Clinic				Discharged or Absconded or Died after Treatment of Duration																			
													0 - 14 Days D				15 - 28 Days E				29 - 42 Days F				43 - 56 Days G				57 + Days H			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1																																
2																																
3									1			1	1			1																
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15																																
16																																
17																																

No. of admissions during Year:

	Borough Males	Borough Females	O/Borough Males	O/Borough Females
No. of individuals admitted during the year.	1	0	0	1
No. of individuals discharged during the year.	1	0	0	1

	Borough Males	Borough Females	O/Borough Males	O/Borough Females
No. of Patients suffering from 2 or more Venereal Diseases.	0	0	0	0

VENEREAL DISEASE Cont'd.

EPIDEMIC (V.D.) HOSPITAL RETURNS

ASIATIC (for key) (see page) (47)	A In Hospital last day of precdg. year				B Admitted from Pass Office & Gaol				C Admitted Voluntarily & from V.D. Clinic				Discharged or Absconded or Died after treatment of Duration																			
													0 - 14 Days D				15 - 28 Days E				29 - 42 Days F				43 - 56 Days G				57 + Days H			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1																																
2																																
3																																
4																																
5									1				1																			
6																																
7																																
8																																
9									1				1																			
10																																
11																																
12																																
13																																
14																																
15																																
16																																
17																																

No. of admissions during Year:

	Borough Male	Borough Female	O/Borough Male	O/Borough Female
No. of individuals admitted during the year.	1	0	0	0
No. of individuals discharged during the year.	1	0	0	0

	Borough Male	Borough Female	O/Borough Male	O/Borough Female
No. of Patients suffering from 2 or more Venereal Diseases.	1	0	0	0

VENEREAL DISEASE Cont'd.

KEY TO VENEREAL DISEASE CLINIC AND HOSPITAL RETURNS

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

DAILY AVERAGE OF IN-PATIENTS AT MUNICIPAL EPIDEMIC HOSPITAL

(Non-European Venereal Diseases).

MALE : 6 FEMALE : 6 TOTAL : 12.

VENEREAL DISEASE HOME VISITS

	European	Native	Coloured	Asiatic	Total		
	M : F	M : F	M : F	M : F	M : F	:	PERSONS
1955	7 : 6	599 : 917	33 : 82	61 : 110	700 : 1,115	:	1,815

VENEREAL DISEASE Cont'd.

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

YEAR ENDING 31st DECEMBER, 1955.

	STAGE OF PREGNANCY																							
	1 - 3 Months								4 - 6 Months								7 - 9 Months							
	Eur.		Nat.		Col.		As.		Eur.		Nat.		Col.		As.		Eur.		Nat.		Col.		As.	
	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B
No. of Pregnant women submitted to Serological Test			1								2	1							24	6	1	4	8	1
No. of Positive or Doubtful Reactors																			18	1			2	1
No. of those who had previously received treatment																			11	2		1		
No. undergoing a First Course of treatment during pregnancy																			4	3				
No. undergoing a 2nd or 3rd Course of treatment during pregnancy																						1		

ADMISSIONS TO ISOLATION HOSPITAL (EUROPEAN) AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

	Borough Cases					Out-of-Borough Cases					Total Cases Borough and Out-of-Borough
	E	N	C	A	Total	E	N	C	A	Total	
Scarlet Fever	18	-	-	-	18	3	-	-	-	3	21
Measles	7	1	-	-	8	10	35	-	-	45	53
Diphtheria	16	9	2	8	35	12	58	1	3	74	109
Diphtheria Carrier	3	-	-	-	3	-	-	-	-	-	3
Mumps	17	4	-	-	21	4	14	-	3	21	42
Mumps & Diphtheria	-	1	-	-	1	-	-	-	-	-	1
Whooping Cough	3	-	1	1	5	4	5	-	1	10	15
Whooping Cough & Measles	-	-	-	-	-	-	1	-	-	1	1
Chicken Pox	9	5	-	-	14	3	10	-	-	13	27
Chicken Pox & Mumps	-	1	-	-	1	-	-	-	-	-	1
C.S. Fever	2	1	1	1	5	1	12	-	-	13	18
German Measles	2	-	-	-	2	-	-	-	-	-	2
Measles & Diphtheria	-	2	-	-	2	-	-	-	-	-	2
Measles & Pulmonary T.B.	-	-	-	-	-	-	1	-	-	1	1
Chicken Pox & Pulm. T.B.	-	-	-	-	-	-	1	-	-	1	1
Erysipelas	-	-	-	-	-	-	-	-	-	-	-
Pulmonary Tuberculosis	-	32	5	9	46	-	56	3	-	59	105
Observation	1	-	-	-	1	-	-	-	-	-	1
Poliomyelitis	18	4	1	-	23	14	27	3	4	48	71
Typhoid Carrier	-	1	-	-	1	-	-	-	-	-	1
Pneumociccal Meningitis	-	-	-	-	-	-	1	-	-	1	1
Boarder	-	-	-	-	-	-	2	-	-	2	2
TOTAL :	96	61	10	19	186	51	223	7	11	292	478

ISOLATION HOSPITAL AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

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

BOROUGH CASES

In 1 case (Eur.) diagnosis observation altered to Sulfonamide Rash.
In 5 cases (Eur.) diagnosis Diphtheria altered to Diphtheria carrier.
In 2 cases (1 Eur., 1 Nat.,) diagnosis Diphtheria altered to Tonsillitis.
In 1 case (Nat.) diagnosis Diphtheria altered to Glandular Fever.
In 1 case (Nat.) diagnosis Diphtheria altered to Tetanus.
In 1 case (Nat.) diagnosis Measles & Diphtheria altered to Measles & Broncho-Pneumonia.
In 1 case (Eur.) diagnosis Mumps altered to Cervical Adenitis.
In 1 case (Nat.) diagnosis Mumps altered to Broncho-Pneumonia.
In 2 cases (1 Nat., 1 Col.) diagnosis Meningitis altered to Convulsions.
In 1 case (As.) diagnosis Whooping Cough altered to Nutritional Oedema.
In 1 case (Eur.) diagnosis German Measles altered to Allergic Rash.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Acute Osteitis.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Rheumatism.
In 1 case (Col.) diagnosis Poliomyelitis altered to Rheumatic Fever.
In 1 case (Nat.) diagnosis Poliomyelitis was altered to Pharyngitis.
In 1 case (Eur.) diagnosis Poliomyelitis was altered to Tonsillitis.
In 1 case (Eur.) diagnosis Poliomyelitis was altered to Sinusitis.
In 1 case (Eur.) diagnosis Poliomyelitis was altered to Peripheral Neuritis.
In 2 cases (Eur.) diagnosis Poliomyelitis was altered to "Mystery" (Icelandic/Addington) Disease.

OUT-OF-BOROUGH CASES

In 1 case (Col.) diagnosis Pulmonary T.B. altered to Broncho-Pneumonia.
In 1 case (Eur.) diagnosis Scarlet Fever altered to Urticaria.
In 1 case (Nat.) diagnosis Whooping Cough altered to Influenza.
In 1 case (Nat.) diagnosis Chicken Pox altered to Pustular Eruption.
In 1 case (Nat.) diagnosis Chicken Pox altered to Broncho-Pneumonia & Malnutrition.
In 1 case (Nat.) diagnosis Diphtheria altered to Laryngeal Obstruction.
In 1 case (Nat.) diagnosis Diphtheria altered to Laryngitis and Tonsillitis.
In 2 cases (Nat.) diagnosis Diphtheria altered to Pharyngitis.
In 7 cases (3 Eur., 4 Nat.) diagnosis Diphtheria altered to Tonsillitis.
In 1 case (As.) diagnosis Diphtheria altered to Laryngitis.
In 2 cases (Eur.) diagnosis Diphtheria altered to Diphtheria Carrier.
In 3 cases (2 Eur. 1 Nat.) diagnosis Diphtheria altered to Influenza.
In 1 case (Nat.) diagnosis Diphtheria altered to Bronchitis.
In 2 cases (1 Eur. 1 Nat.) diagnosis Diphtheria altered to Otitis Media & Malnutrition.
In 1 case (Nat.) diagnosis C.S. Meningitis altered to Influenzal Meningitis.
In 1 case (Nat.) diagnosis C.S. Meningitis altered to T.B. Meningitis.
In 1 case (Nat.) diagnosis Meningitis altered to Gastro-Enteritis.
In 2 cases (Nat.) diagnosis Meningitis altered to Intracranial Haemorrhage.
In 2 cases (Nat.) diagnosis Poliomyelitis altered to Polyarthritis.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Pyelitis.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Paraplegia.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Encephalitis.
In 2 cases (Eur.) diagnosis Poliomyelitis altered to Influenza.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Bronchitis.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Typhoid Fever.
In 1 case (Eur.) diagnosis Poliomyelitis altered to P.U.O.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Broncho-Pneumonia.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Hip Disease.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Rheumatic Myositis.
In 2 cases (1 Eur., 1 Col.) diagnosis Poliomyelitis altered to Tonsillitis.
In 1 case (Nat.) diagnosis Mumps altered to Chronic Parotitis.
In 1 case (Nat.) diagnosis Measles altered to Measles and Chicken Pox.
In 1 case (Nat.) diagnosis Measles altered to Bronchitis & Gastro-Enteritis.
In 1 case (Nat.) diagnosis Measles altered to Acute Bronchitis & Scabies.
In 1 case (Eur.) diagnosis Measles altered to N.A.D.
In 1 case (Nat.) diagnosis Measles altered to Thrush.
In 1 case (Eur.) diagnosis Measles altered to P.U.O.
In 2 cases (Nat.) diagnosis Measles altered to P.U.O.

INFANT WELFARE

1. INFANT CLINICS

	European	Native	Coloured	Asiatic
NEW CASES:				
Under 1 Year	434	650	145	474
Over 1 Year	21	35	15	28
ATTENDANCES:				
Under 1 Year	5,392	5,383	1,541	5,038
Over 1 Year	534	1,640	443	974
TOTAL :	5,926	7,023	1,984	6,012
Number on Register	789	1,030	289	816
Average Attendance per person	7.5	6.8	6.9	7.4

2. HOME VISITS

	European	Native	Coloured	Asiatic	Total
Ante-Natal	0	430	54	158	642
First Visits - (Notified Births)	564	424	205	742	1,935
Re-visits - under 1 year	958	2,061	388	1,245	4,652
Re-visits - over 1 year	380	1,994	936	4,122	7,432
Infectious Disease (Non-T.B.)	190	20	3	28	241
Protected Infants	6	35	13	11	65
Pediculosis and Scabies Visits	0	8	1	0	9
Confinement Visits	0	982	0	0	982
Infantile Mortality Visits	5	88	5	33	131
Nursing Home and Day Nursery Inspections	0	0	0	0	0
Housing Investigations	0	2	1	1	4
Other Home Visits	3	72	87	302	464
TOTAL :	2,106	6,116	1,693	6,642	16,557

3. MILK DISTRIBUTED

	European	Native	Coloured	Asiatic	Total
Fresh - Pints	2,351	8,853	7,120	10,928	29,252
Dried - lbs.	53	422	324	1,089	1,888

FOODSTUFFS

SAMPLES TAKEN AND SUBMITTED FOR ANALYSIS

1. MILK.

(a) Bacteriological Examination.

Samples with less than 30,000 bacteria per c.c.	:	46 (inc. 16 Pasteurised)
Samples with between 30,000 and 200,000 bacteria per c.c.	:	33 (inc. 6 Pasteurised)
Samples with more than 200,000 bacteria per c.c.	:	33 (inc. 3 Pasteurised)
TOTAL	:	112 (inc. 25 Pasteurised)

Samples with B. Coli present in 1/100 c.c. or less	:	92 (inc. 11 Pasteurised)
Samples with B. Coli present in 1/10 but not in 1/100 c.c.	:	58 (inc. 15 Pasteurised)
Samples with B. Coli absent in 1/10 c.c.	:	44 (inc. 10 Pasteurised)
TOTAL	:	194 (inc. 36 Pasteurised)

(b) Chemical Examination (By Government Analyst).

Samples with Solids-Not-Fat 8.5% and over	:	20 (inc. 2 Pasteurised)
Samples with Solids-Not-Fat over 8% and under 8.5%	:	5
Samples with solids-Not-Fat below 8%	:	0
TOTAL	:	25

Samples with Butter Fat 3% and over	:	25 (inc. 2 Pasteurised)
Samples with Butter Fat under 3%	:	0
TOTAL	:	25

(c) Phosphatase Testing of Pasteurised Milk.

Samples sufficiently heat treated	:	219
Samples not sufficiently heat treated	:	3
TOTAL	:	222

(d) Bacteriological Testing of Milk Bottles and Cartons.

Samples satisfactory	:	5
Samples fairly satisfactory	:	4
Samples unsatisfactory	:	3
TOTAL	:	12

2. ICE CREAM.

Samples of Ice Cream conforming to standard	:	3
Samples of Ice Cream not conforming to standard	:	0
TOTAL	:	3

3. SAUSAGE.

Samples of Sausage conforming to standard	:	10
Samples of Sausage not conforming to standard	:	1
TOTAL	:	11

4. MINCE MEAT.

Samples of Mince Meat conforming to standard	:	5
Samples of Mince Meat not conforming to standard	:	0
TOTAL	:	5

5. CREAM...../

FOODSTUFFS Cont'd.

5. CREAM.

Samples of Cream conforming to standard	:	8
Samples of Cream not conforming to standard	:	0
TOTAL	:	8

6. WATERS. (Bacteriological examination by Bio-Chemist - City Engineer's Department.)
(Results recorded in accordance with method laid down by Ministry of Health, Publication No. 71, 1939).

MUNICIPAL WATER SUPPLY.

Probable No. of Faecal Organisms in 100 c.c.		No. of Samples
Class I. High satisfactory 0	.....	174
Class II. Satisfactory 1-2	.....	35
Class III. Suspicious 3-10	.....	10
Class IV. Unsatisfactory Over 10	.....	0
TOTAL	:	219

MUNICIPAL SWIMMING BATHS.

Probable No. of Organisms in 100 c.c.		
Class I. Highly satisfactory 0	.....	12
TOTAL	:	12

OTHER SWIMMING BATHS.

Probable No. of Organisms in 100 c.c.		
1	.....	1

FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION

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

Apricots	25 boxes
Apples	1 box
Avocado Spread	1 bottle
Beans - Green	43 pockets, 6 boxes
Bingo	1 bottle
Baker's Cones	180 lb. bag
Baking Powder	2 oz.
Calves Foot Jelly	1 bottle
Chestnuts	8 oz. pkt.
Crumbs	1 pkt.
Curry Powder	2 tins
Chutney	56 bottles
Cocoa	1 tin
Cocoanut	20 ozs.
Chicory & Coffee mixture	1 pkt.
Coffee	5 lb.
Coffee Essence	2 bottles
Chillies	50 pockets
Cashew Nuts	8¾ lbs.
Cloves	2 ozs.
Coriander	2 ozs.
Cereals	44 packets
Chewing Gum	6 lbs.
Canary Seed	14 ozs.
Cheese Spread	23 jars
Cheese	1 lb., 47 x 8 oz. pkts., 9 x 6 oz. pkts.
Cabbages	42 pockets, 15 boxes, 443 bags
Currants	1 bottle
Castor Sugar	2 lbs.
Duck (dressed)	1
Dripping	2 lbs.
Dhell	30 lbs.
Eggs	85 2/12 doz.
Figs	2 trays
Fowls, live	1
Fowls, dressed	30
Fish Paste	19 jars
Fish, tinned	277 tins
Fish (frozen sticks)	2 pkts.
Fish (fresh)	140 lbs.
Fruit (tinned)	708 tins
Fruit (dried)	2 pockets, 206 lbs.
Fruit (crystallised)	54 pkts.
Fruit Juices	90 tins
Flour	29 lbs.
Gelatine	1 pkt.
Gravy Powder	12 tins
Guinea Fowls	1

Ginger Preserve ...../

FOODSTUFFS CONDEMNED Cont'd.

Ginger Preserve	2 bottles
Glazed Cherries	3 bottles
Honey	1 bottle
Horse Radish	10 bottles
Icing Sugar	2 pkts.
Ice Cream Powder	-
Infant Foods	-
Jam	453 tins
Jelly Powder	3 pkts.
Lemon Curd	1 bottle
Lemon Cordials	18 bottles
Lime Curd	1 bottle
Lobster Soup	2 tins
Mayonnaise	7 bottles
Milk Flavouring	1 bottle
Milk (condensed)	30 tins
Milk (malted)	2 lbs.
Macaroni	1 pkt.
Mustard	2 bottles, ½ lb.
Mabela Meal	20 lbs.
Meat (tinned)	196 tins
Meat (pastes and spreads)	48 jars
Mince Meat	5 jars
Meat (extract)	2 jars, 6 botts.
Mushrooms	5 tins
Margarine	3 x ½lb. pkts.
Mealie Meal	282 lbs.
Mealie Rise	365 lbs.
Nuts and Raisins	99 lbs.
Nuts	75 lbs.
Nutrine	2 tins
Orange Cordials	24 bottles
Oats	57 pkts.
Oil	1 bottle
Pawpaws	2 trays
Partridge	1
Pears	5 boxes
Peaches	23¼ boxes
Pineapples	16½ doz.
Pineapple Cordial	1 bottle
Puddings	20 pkts.
Peas, split	1 pkt.
Peas	10 pockets
Peaflour	1 tin, 42 pkts.
Pimento	2 ozs.
Pickles	115 bottles
Peanut Butter	18 bottles
Peanuts	27 lbs., 20 pkts.
Pepper	2 tins
Pastry	1 pkt.
Plums	2 trays
Potatoes	18 pockets
Pumpkins	18

Raisins ...../

FOODSTUFFS CONDEMNED Cont'd.

Raisins	5 lbs.
Rice	8 lbs.
Rusks	1 pkt.
Spaghetti	2 tins
Sponspec	30
Salt	2 lbs., 5 pkts.
Sandwich and assorted spreads	8 jars
Sauce	1 bottle
Sugar	8 lbs.
Soups	14 tins, 3 pkts.
Sweets	380½ lbs., 75.
Soda - Bicarb	3 lbs.
Tomato Juice	5 tins
Tomato Sauce	8 bottles
Tomato Paste	25 tins
Tomatoes	336 boxes
Tea	16 ozs.
Tartaric Acid	13 x 1oz.pkts.
Unlabelled Packages	17 tins
Vegetables (tinned)	250 tins, 65 jars.
Vinegar Essence	1 bottle
Vermicelli	2 pkts.
Watermelons	1,034
Walnuts	1 pocket
Xmas Puddings	3 tins
Yeast	8 lbs. 12 ozs.

ABATTOIR

1. ANIMALS SLAUGHTERED:

Cattle	:	9,271
Calves	:	1,643
Sheep	:	33,524
Pigs	:	3,385
Goats	:	150
TOTAL	:	47,973

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS:

Quarters of Beef	:	16,753
Carcases Mutton	:	2,810
Carcases Pork	:	293
Beef Offal	:	10,916 lbs.

3. INCIDENCE OF CERTAIN DISEASES:

	Carcases Examined	% Infected	Carcases Condemned	% Condemned
CATTLE - "Measles" (Cysticercus Bovis)	9,271	9.4%	131	1.4%
CALVES - "Measles" (Cysticercus Bovis)	1,643	3.6%	30	1.8%
PIGS - "Measles" (Cysticercus Cellulosae)	3,385	1.4%	41	1.2%
CATTLE - Tuberculosis	9,271	0.4%	20	0.2%
CALVES - Tuberculosis	1,643	-	-	-
PIGS - Tuberculosis	3,385	1.5%	5	0.15%

4. SUMMARY OF MEAT CONDEMNED:

	Carcases	Approx. Weight
BEEF:	213	96,150 lbs.
BEEF: Portions of Carcases, Organs, etc.	-	110,800 lbs.
VEAL:	69	3,280 lbs.
VEAL: Portions of Carcases, Organs, etc.	-	325 lbs.
PORK:	59	10,605 lbs.
PORK: Organs, etc.	-	3,195 lbs.
MUTTON:	38	1,135 lbs.
MUTTON: Organs, etc.	-	62,180 lbs.
GOAT:	-	-
GOAT: Organs, etc.	-	-
		287,670 lbs.

ABATTOIR Cont'd.

MEAT CONDEMNED (Approximate Weight)

Statement of Carcases and Meat found to be affected with disease and unfit for human consumption.

	BOVINES			PIGS			SHEEP AND GOATS		
		Condemned			Condemned			Condemned	
	Carcases Infected	Whole Carcases	Portions of Carcases Approx. Weight lbs.	Carcases Infected	Whole Carcases	Portions of Carcases Approx. Weight lbs.	Carcases Infected	Whole Carcases	Portions of Carcases Approx. Weight lbs.
Actinomycosis	34	-	1,350	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	-
Measles (Veal)	59	30	220	-	-	-	-	-	-
Measles (Beef)	867	131	73,600	46	41	25	-	-	-
Lymphadenitis	-	-	-	-	-	-	7	7	-
Malignant Tumours	3	3	-	-	-	-	1	1	-
Mammitis	-	-	-	-	-	-	-	-	-
Metritis	-	-	-	-	-	-	-	-	-
Peritonitis	6	6	-	1	1	-	1	1	-
Pneumonia - Veal	3	3	-	-	-	-	-	-	-
Pneumonia - Beef	4	4	-	-	-	-	-	-	-
Pyaemia - Veal	11	11	-	-	-	-	-	-	-
Pyaemia - Beef	2	2	-	5	5	-	2	2	-
Sarcocysts	2	2	-	-	-	-	-	-	-
Septicaemia	-	-	-	1	1	-	-	-	-
Tuberculosis - Veal	-	-	-	-	-	-	-	-	-
Tuberculosis	37	20	675	50	5	610	-	-	-
Nephritis - Veal	1	1	-	-	-	-	-	-	-
Urticaria	-	-	-	1	1	-	-	-	-
Anaemia	1	1	-	-	-	-	-	-	-
Bruising - Veal	-	-	-	-	-	-	-	-	-
Bruising	18	18	3,395	1	1	-	3	3	-
Decomposition	-	-	4,540	-	-	-	-	-	-
Oedema - Veal	1	1	-	-	-	-	-	-	-
Oedema	1	1	-	-	-	-	1	1	-
Fevered - Veal	-	-	-	-	-	-	-	-	-
Fevered - Beef	1	1	-	1	1	-	6	6	-
Toxaemia - Veal	-	-	-	-	-	-	-	-	-
Toxaemia - Beef	1	1	-	1	1	-	-	-	-
Emaciation - Veal	8	8	-	-	-	-	-	-	-
Emaciation - Beef	23	23	-	-	-	-	15	15	-
Immaturity - Veal	6	6	-	-	-	-	-	-	-
Jaundice - Veal	9	9	-	-	-	-	-	-	-
Jaundice	-	-	-	1	1	-	2	2	-
Stilesia Hepatica, Fluke, Abscesses, Nodular Worms, etc.	-	-	-	-	-	-	-	-	-
- Beef	-	-	27,240	-	-	2,560	-	-	62,180
- Veal	-	-	105	-	-	-	-	-	-
Septic Pericarditis	-	-	-	-	-	-	-	-	-
Dermatitis	-	-	-	1	1	-	-	-	-

LICENCE APPLICATIONS

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

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Applications Received	10	145	30	20	22	285	300	38	27	364	217	79	5	4	2	-
Applications Approved	10	124	25	19	17	232	240	28	25	293	175	41	2	4	-	16
Applications Approved Subject to Requirements	-	1	3	-	1	9	9	-	-	5	-	4	1	-	-	2
Applications Disapproved	-	-	-	-	-	-	3	-	-	-	1	-	-	-	1	-
Applications Withdrawn	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-

Key to Table:-

1. Apothecary.
2. Boarding Houses, Butchers, Building Contractors.
3. Cobbler and Contractor.
4. Depot, Dressmakers and Dry Cleaners.
5. Entertainment and Eating Houses.
6. Fresh Produce, Fumigator, Flats & Furniture Manufacturer.
7. General Dealer, Garage.
8. Hairdresser and Hawker.
9. Laundry and Letting of Flats.
10. Manufacturer, Mineral Water Dealer and Milk Purveyor.
11. Pedlar, and Patent Prop. Medicines.
12. Refreshment Room.
13. Storage, Speculator and Sawmill.
14. Tea Rooms and Tailors.
15. Undertakers.
16. Warehouses.

(2) Applications dealt with under Urban Areas Act.

Applications Received	255
Applications Returned "Not in Order"	31
Applications Approved Subject to Conditions	9
Applications Approved for Temporary Licence	4
Applications Withdrawn	2

SANITATION

Total of Inspections (General) carried out	19,575
Total of Rodent Inspections	2,437
Total of Notices and letters served re Contravention of By-Laws.	2,135

INSPECTIONS (GENERAL) GIVEN IN DETAIL

1.	Public Markets	346
2.	Butchers' Shops	189
3.	Dealers and General Dealers (Food)	791
4.	Dealers and General Dealers (No Food)	220
5.	Fish and Poultry Shops	34
6.	Food Sampling	426
7.	Condemnation of Foodstuffs	48
8.	Bakehouses	42
9.	Milkshops (Purveyors of Milk)	102
10.	Ice Cream (Distributors and Manufacturers of)	15
11.	Tea Shops, Cafes, Restaurants and Eating Houses	470
12.	Residential Hotels, Boarding Houses	233
13.	Aerated Water Manufacturers	8
14.	Other places where food is manufactured	19
15.	Hawkers' Premises	171
16.	Hawkers' Carts	180
17.	Butchers' Carts and Carriers	8
18.	Milk Delivery Carts	60
19.	Ice Cream Carts	75
20.	Bakers' Carts	10
21.	Theatres and Bioscopes	17
22.	Smoke Nuisance	17
23.	Common Lodging Houses	151
24.	Barracks	201
25.	Native Quarters	405
26.	Structural Defects in Premises	837
27.	Other House Inspections	265
28.	Undrained Premises	40
29.	Hairdressers	31
30.	Laundries	123
	c/Forward ...	5,536

SANITATION Cont'd.

	b/forward	5,536
31.	Schools	20
32.	Factories and Workshops	110
33.	Builders Yards	30
34.	Wood and Coal Yards	29
35.	Courts, Lanes and Alleys	6
36.	Vacant Ground	177
37.	Piggeries	13
38.	Horse Stables	59
39.	Cowkeepers Premises	64
40.	Dairy Stables and Dairies	1,436
41.	Hide and Skin Merchants' Premises	31
42.	Poultry Keepers	376
43.	Infectious Diseases Visits	53
44.	Malaria and Mosquito Inspections, etc.	1,361
45.	Malaria-Permanent Works, Drains, Tree Planting, etc.	872
46.	Public Sanitary Conveniences	67
47.	Sanitary Conveniences	384
48.	Septic Tanks, French Drains, etc.	101
49.	Pail Privies	244
50.	Pit Privies	116
51.	Refuse and Refuse Bins	862
52.	Refuse Tips	155
53.	Other Visits	632
54.	Premises Fumigated for Vermin	10
55.	Other Visits in Connection with Fumigation	9
56.	Disinfections	-
57.	Disinfection of Bedding and Clothing	1
58.	Rodent Inspections by Rodent Inspector	1,930
59.	Other Rodent Inspections by Health Inspectors	507
60.	Interviews and Complaints	734
	c/forward ...	15,925

REPORTS FOR TRANSMISSION TO OTHER MUNICIPAL DEPARTMENTS.

(1) CITY ENGINEER'S DEPARTMENT ...../

SANITATION Cont'd.

b/forward	15,925

REPORTS FOR TRANSMISSION TO OTHER MUNICIPAL DEPARTMENTS.

(1) CITY ENGINEER'S DEPARTMENT.

61.	Blocked Sewers, etc.	108
62.	Street Drains	150
63.	Defective Water Fittings	83
64.	Defective Surface and Waste Water Drains	313
65.	Other Defects	44
66.	Unauthorised Structures	255
67.	Sites, etc. re Plans	915
68.	Water Sampling	14

(2) MUNICIPAL NATIVE ADMINISTRATION DEPARTMENT.

69.	Licensing and Other Inspections of Premises under Urban Areas Act	368

(3) LICENSING DEPARTMENT.

70.	Inspection of Premises re Licence Applications	1,199

(4) GENERAL.

71.	Other transportation trips	201
	TOTAL :	19,575

PROSECUTIONS

Total number of Prosecutions instituted ..... :	20
Under Public Health By-Laws(either separately or in conjunction with contraventions of House Drainage; Building; Sanitary; Preparation, Storage & Sale of Foodstuffs By-Laws and Government Rodent-Proofing Regulations)	5
Under Dairy By-Laws	9
Under By-Laws relating to Preparation, Storage and Sale of Foodstuffs	1
Under Sanitary By-Laws	1
Under Building By-Laws	1
Under General By-Laws	1
Under Regulations framed under Food, Drugs and Disinfectants Act No. 13/1929	1
Under Government Regulations regarding Prevention of Rodent-Infestation of Buildings & Premises	1
TOTAL :	20

Total number in which accused found guilty and penalty imposed	17
Total number found not guilty, complied with, acquitted or withdrawn	3
No. still pending	0
TOTAL :	20

CONDEMNED PREMISES

Rooms and Buildings Condemned and/or Demolished.

(a) Under Public Health By-Law No. 19(a): (Closing Order)	0
(b) Under Public Health By-Law No. 19(b): (Demolition Orders) ..... (4 of these premises had been demolished and 1 converted to storeroom).	9
(c) Under Building By-Laws re dilapidated buildings	1
(d) Under Slums Act	0
(e) Voluntary Demolitions	24
TOTAL :	34