CITY OF PIETERMARITZBURG

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

For the Year Ended
31st December, 1958

N. W. LTD. 7716

CITY OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT

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, 1958.

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 1958.

Infectious disease figures were much the same as last year, Tuberculosis incidence remaining high, and Poliomyelitis incidence again being very low. Infantile Mortality improved in all races except Natives, amongst whom an unusually high mortality from Malnutrition was recorded.

The Miniature X-Ray screening of all Natives at the Pass Office examination produced 2.6% of abnormal Chest X-Rays.

A further 72 Council houses, completing the first Northdale Asiatic scheme of 214 houses, were built. The new Cold Storage plant was completed at the Municipal Abattoir, and further expansion of the slaughter and hanging halls was continued with, but is not quite complete yet.

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, the Chairman and members of the Public Health Committee, and of the cordial co-operation of the various Municipal Heads of Departments.

I have the honour to be,

Ladies and Gentlemen,

Your obedient servant,

M. Maister

MEDICAL OFFICER OF HEALTH

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CLIMATE AND RATEABLE VALUE

Latitude - 29 degrees, 36 minutes, 4 seconds south.

Longtitude- 30 degrees, 22 minutes, 46 seconds east.

Altitude - At Market Square : 2,160 ft.

TEMPERATURE AND RAINFALL:

	RAINFALL IN INCHES	ATMOSPHERIC TEMPERATURE Av. Daily Maximum °	Av. Daily Minimum °	Av. Daily Mean. °	RELATIVE HUMIDITY Average Daily
January	4.37	80.8	64.5	72.6	83.7%
February	7.34	82.2	63.3	72.7	83.6%
March	2.76	80.6	60.8	70.7	83.2%
April	5.56	79.3	56.4	67.8	89.2%
May	0.04	76.6	48.8	62.7	83.3%
June	-	72.1	34.3	53.2	78.1%
July	0.15	73.2	38.6	55.9	72.2%
August	0.35	75.0	41.4	58.2	73.0%
September	1.59	73.7	48.3	61.0	63.8%
October	1.20	77.1	56.3	66.7	66.7%
November	5.40	76.5	57.4	66.9	76.3%
December	9.52	81.9	61.5	71.7	78.3%
Total	38.28				

AREA OF MUNICIPALITY: 27,715 acres.

Value of Rateable Property: £30,903,800

Exempted Property : £11,067,140

MUNICIPAL RATE: General - Land - 8d. in £
Buildings - 2½d. in £

Water - ¾d. per £ on land only, plus 2/- per 1,000 gallons of water used.

Total Expenditure on Public Health Department for year 1957/8 = £36,903, being 7% of the total nett maintenance cost of the City.

LEADING VITAL STATISTICS

YEAR ENDING 31st DECEMBER, 1958.

(Average Rate for period 1948 - 1957 in brackets for comparison).

	European	Native	Coloured	Asiatic
* POPULATION (Estimated) at December 31st, 1958	38,430	29,500	4,997	29,650
BIRTHS REGISTERED BIRTH RATE (Per 1,000 Population)	798 20.8 (22.1)	669 22.7 (23.0)	217 43.4 (46.4)	779 26.3 (44.8)
ILLEGITIMATE BIRTHS (Percentage of total births)	9 1.1% (0.9%)	370 55.3%(46.7%)	28 12.9%(21.3%)	15 1.9%(1.3%)
DEATHS CRUDE DEATH RATE (Corrected for outward transfer)	350 9.1 (9.3)	250 9.2 (10.6)	26 5.2 (11.8)	146 4.9 (8.6)
INFANTILE MORTALITY (Up to 1 Year) DEATHS RATE (Per 1,000 Births)	17 21.3 (23.6)	106 158.4 (181.3)	6 23.1 (68.1)	26 33.4 (45.5)
DEATHS in children from 1 - 4 years (incl.) RATE (Per 1,000 Population)	2 0.05 (0.2)	46 1.6 (1.6)	2 0.4 (1.0)	12 0.4 (0.8)
PULMONARY TUBERCULOSIS Code No. 015. DEATHS RATE (Per 1,000 Population)	2 0.05 (0.13)	11 0.4 (1.0)	0 0 (0.9)	8 0.3 (0.7)
TUBERCULOSIS - OTHER FORMS Code Nos. 016 - 025. DEATHS RATE (Per 1,000 Population)	0 0 (0.02)	4 0.1 (0.2)	0 0 (0.2)	1 0.03 (0.1)
ENTERIC FEVER Code No. 001. DEATHS RATE (Per 1,000 Population)	0 0 (0.01)	1 0.03 (0.1)	0 0 (0.04)	0 0 (0.03)
CANCER AND OTHER TUMOURS Code Nos. 100 - 136. DEATHS RATE (Per 1,000 Population)	58 1.5 (1.2)	12 0.4 (0.2)	3 0.6 (0.8)	3 0.1 (0.3)
DISEASES OF THE HEART AND CIRCULATORY SYSTEM Code Nos. 350 - 368. DEATHS RATE (Per 1,000 Population)	103 2.7 (3.7)	30 1.0 (1.2)	5 1.0 (2.3)	30 1.0 (1.7)
BRONCHITIS AND PNEUMONIA Code Nos. 402 - 406. DEATHS RATE (Per 1,000 Population)	23 0.6 (0.5)	42 1.4 (1.6)	0 0 (1.1)	14 0.5 (1.1)

* (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, 1958, 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	18,410	18,750	2,451	14,940	36,141	54,551
Female	20,020	10,750	2,546	14,710	28,006	48,026
PERSONS	38,430	29,500	4,997	29,650	64,147	102,577

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	*405	5	384	4	789	9	798	1.1%	20.8
Native	165	177	134	193	299	370	669	55.3%	22.7
Coloured	96	11	93	17	189	28	217	12.9%	43.4
Asiatic	391	7	373	8	764	15	779	1.9%	26.3
All Non-Eur.	652	195	600	218	1252	413	1665	24.8%	26.0
All Races	1057	200	984	222	2041	422	2463	17.1%	24.0

* Includes 1 European infant - sex undetermined.

(B) NON-RESIDENTS

	Male		Female		Persons			Percentage of illeg. to all Births
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total	
European	152	1	132	2	284	3	287	0
Native	3	3	3	0	6	3	9	33%
Coloured	5	3	5	2	10	5	15	33%
Asiatic	8	0	9	0	17	0	17	0%
All Non-Eur.	18	6	17	2	33	8	41	19.5%
All Races	168	7	149	4	317	11	328	3.4%

DEATHS

TOTAL DEATHS REGISTERED (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)
European	194	10.5	156	7.8	350	9.1
Native	167	8.9	103	9.6	270	9.2
Coloured	14	5.7	12	4.7	26	5.2
Asiatic	84	5.6	62	4.2	146	4.9
ALL NON-EUR.	265	7.3	177	6.3	442	6.9
ALL RACES	459	8.4	333	6.9	792	7.7

DEATHS (Pages 5-7).

Death rates were higher for Europeans, but lower for Non-Europeans this year.

The death rate for all races was 7.7 as compared with 7.5 last year.

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

European	:	16%	(16% last year)
Native	:	76%	(74% last year)
Coloured	:	46%	(39% last year)
Asiatic	:	53%	(42% last year)
All Non-European	:	67%	(60% 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 outweigh all other causes of death among Europeans. Among Non-Europeans, respiratory disease and heart disease were the main causes 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	-	-	1	.03	-	-	-	-	1	.02	1	.01
2. Plague	-	-	-	-	-	-	-	-	-	-	-	-
3. Mengingococcal C.S. Meningitis	-	-	1	.03	-	-	1	0.03	2	0.03	2	0.02
4. Scarlet Fever	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough	-	-	1	.03	-	-	-	-	1	.02	1	.01
6. Diphtheria	-	-	5	0.2	-	-	2	0.07	7	0.1	7	0.07
7. Pulmonary Tuberculosis	2	0.05	11	0.4	-	-	8	0.27	19	0.3	21	0.2
8. T.B. - Non-Pulmonary	-	-	4	0.1	-	-	1	0.03	5	0.08	5	0.05
9. Leprosy	-	-	-	-	-	-	-	-	-	-	-	-
10. Malaria	-	-	-	-	-	-	-	-	-	-	-	-
11. Syphilis (all forms)	1	0.03	1	.03	-	-	-	-	1	0.02	2	0.02
12. Influenza	2	.05	2	0.07	-	-	2	0.07	4	0.06	6	0.06
13. Smallpox	-	-	-	-	-	-	-	-	-	-	-	-
14. Measles	-	-	2	0.07	-	-	2	0.07	4	0.06	4	0.04
15. Typhus Fever	-	-	-	-	-	-	-	-	-	-	-	-
16. Acute Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-
17. Cancer	58	1.5	12	0.4	3	.6	3	0.10	18	0.3	76	0.7
18. Diabetes	1	0.03	-	-	-	-	1	0.03	1	0.02	2	0.02
19. Cerebral Haem., etc.	51	1.3	3	0.1	3	.6	14	0.47	20	0.3	71	0.7
20. Cardiac Disease	90	2.3	24	0.8	3	.6	26	0.88	53	0.8	143	1.5
21. Other Dis. of Circulatory System	13	0.3	6	0.2	2	0.4	4	0.13	12	0.2	25	0.2
22. Bronchitis and Pneumonia	23	0.6	42	1.4	-	-	14	0.47	56	0.9	79	0.8
23. Miner's Phthisis without T.B.	-	-	-	-	-	-	-	-	-	-	-	-
24. Miner's Phthisis with T.B.	-	-	-	-	-	-	-	-	-	-	-	-
25. Other Respiratory Diseases	10	0.2	2	0.07	-	-	2	0.07	4	0.06	14	0.1
26. Ulcer of Stomach and Duodenum	7	0.2	-	-	-	-	-	-	-	-	7	0.07
27. Diarrhoea and Enteritis (under 2 years)	-	-	33	1.1	2	.4	6	0.20	41	0.6	41	0.4
28. Appendicitis	1	0.03	-	-	-	-	-	-	-	-	1	0.01
29. Diseases of Liver and Biliary Passages	4	0.1	1	0.03	-	-	1	0.03	2	0.03	6	0.06
30. Nephritis	3	0.07	5	0.2	-	-	1	0.03	6	0.1	9	0.09
31. Puerperal Sepsis	-	-	-	-	-	-	-	-	-	-	-	-
32. Diseases of Pregnancy, etc.	-	-	-	-	-	-	1	.03	1	.02	1	0.01
33. Congenital malformations and Dis. of Early Infancy	14	0.4	18	0.6	5	1.0	15	0.51	38	0.6	52	0.5
34. Suicide	3	0.07	-	-	-	-	2	0.07	2	0.03	5	0.05
35. Other Violent Deaths	17	0.4	7	0.2	3	.6	15	0.51	25	0.4	42	0.4
36. Other Defined Causes	37	1.0	66	2.2	4	.8	22	0.74	92	1.4	129	1.3
37. Causes ill-defined	13	0.3	23	0.8	1	.2	3	0.10	27	0.4	40	0.4
TOTAL :	350	9.0	270	9.1	26	5.2	146	4.9	442	6.8	792	7.7

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, 1958	15	9	24	18	11	29	0	1	1	3	2	5	21	14	35
February	12	11	23	7	4	11	1	0	1	5	5	10	13	9	22
March	18	10	28	16	17	33	2	1	3	2	0	2	20	18	38
April	17	16	33	14	5	19	2	1	3	11	6	17	27	12	39
May	18	11	29	10	8	18	1	3	4	8	3	11	19	14	33
June	22	16	38	0	1	1	3	0	3	2	1	3	5	2	7
July	23	19	42	11	3	15	1	3	4	20	16	36	32	22	55
August	14	17	31	23	18	41	1	0	1	6	8	14	30	26	56
September	24	14	38	30	14	44	1	1	2	7	6	13	38	21	59
October	11	17	28	9	5	14	1	0	1	5	4	9	15	9	24
November	9	9	18	17	8	25	0	0	0	10	5	15	27	13	40
December	11	7	18	12	9	21	1	2	3	5	6	11	18	17	35
TOTAL :	194	156	350	167	103	270	14	12	26	84	62	146	265	177	442

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.	6	11	17	66	40	106	4	2	6	13	13	26	83	55	138
1 - 2 yrs.	0	2	2	19	15	34	1	1	2	3	6	9	23	22	45
2 - 4 yrs.	0	0	0	7	6	13	0	0	0	2	1	3	9	7	16
5 - 14 yrs.	2	2	4	3	4	7	0	0	0	6	4	10	9	8	17
5 - 24 yrs.	5	1	6	2	5	7	2	0	2	7	2	9	11	7	18
5 - 34 yrs.	4	3	7	10	5	15	2	0	2	4	5	9	16	10	26
5 - 44 yrs.	14	6	20	13	9	22	0	0	0	9	3	12	22	12	34
TOTAL 0 - 44 yrs.	31	25	56	120	84	204	9	3	12	44	34	78	173	121	294
5 - 54 yrs.	20	15	35	17	6	23	2	3	5	2	6	8	21	15	36
5 - 64 yrs.	43	22	65	18	9	27	2	1	3	8	9	17	28	19	47
5 - 74 yrs.	39	34	73	7	0	7	0	1	1	19	5	24	26	6	32
5 and Over	61	60	121	5	4	9	1	4	5	11	8	19	17	16	33
TOTAL :	194	156	350	167	103	270	14	12	26	84	62	146	265	177	442

(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	4 : 1.5%	0 : 0	1 : 0.7%
Tuberculosis	2 : 0.6%	15 : 5.5%	0 : 0	9 : 6.2%
Syphilis	1 : 0.3%	1 : 0.4%	0 : 0	0 : 0
Other Parasitic and Infective Diseases	3 : 0.9%	11 : 4.1%	0 : 0	6 : 4.1%
Cancer	58 : 16.6%	12 : 4.4%	3 : 11.5%	3 : 2.0%
Diabetes	1 : 0.3%	0 : 0	0 : 0	1 : 0.7%
Cerebral Haemorrhage Thrombosis and Embolism	51 : 14.6%	3 : 1.1%	3 : 11.5%	14 : 9.6%
Cardiac Diseases and Other Diseases of Circulatory System	103 : 29.5%	30 : 11.1%	5 : 19.2%	30 : 20.5%
Respiratory Diseases (non-tuberculosis)	33 : 9.4%	44 : 16.3%	0 : 0	16 : 11.0%
Enteritis and Diarrhoea (under 2 years)	0 : 0	33 : 12.2%	2 : 7.7%	6 : 4.1%
Other Diseases of Digestive System	13 : 3.7%	13 : 4.8%	0 : 0	5 : 3.4%
Nephritis	3 : 0.9%	5 : 1.9%	0 : 0	1 : 0.7%
Congenital Malformations	2 : 0.6%	0 : 0	0 : 0	2 : 1.4%
Diseases Peculiar to First Year of Life	12 : 3.4%	18 : 6.7%	5 : 19.2%	13 : 8.9%
Senility	17 : 4.8%	5 : 1.9%	2 : 7.7%	8 : 5.5%
Deaths from Violence	20 : 5.7%	7 : 2.6%	3 : 11.5%	17 : 11.6%
Other Causes	8.7%	25.5%	11.7%	9.6%
TOTAL DEATHS :	350 :	270 :	26 :	146 :

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	6 (0.2)	0	0	6 (0.09)	6 (0.06)
Pulmonary Tuberculosis	13 (0.3)	83 (2.8)	10 (2.0)	24 (0.8)	117 (1.8)	130 (1.3)
Tuberculosis - Other Forms	1 (0.03)	4 (0.1)	1 (0.2)	2 (0.06)	7 (0.1)	8 (0.07)
Scarlet Fever	59 (1.5)	0	1 (0.2)	0	1 (0.02)	60 (0.5)
Erysipelas	1 (0.03)	0	0	0	0	1 (0.01)
Puerperal Sepsis	1 (0.03)	1 (0.03)	5 (1.0)	9 (0.3)	15 (0.2)	16 (0.1)
Trachoma	0	0	0	0	0	0
Diphtheria	9 (0.2)	10 (0.3)	3 (0.6)	5 (0.2)	21 (0.3)	30 (0.3)
Diphtheria Carriers	0	1 (0.03)	2 (0.4)	0	3 (0.05)	3 (0.03)
Cerebrospinal Fever	1 (0.03)	0	0	0	0	1 (0.01)
Anterior Poliomyelitis (Paralytic)	2 (0.05)	0	0	0	0	2 (0.02)
Anterior Poliomyelitis (Non-Paralytic)	2 (0.05)	0	0	0	0	2 (0.02)
Encephalitis	3 (0.07)	2 (0.07)	0	0	2 (0.03)	5 (0.05)
Leprosy	0	0	0	0	0	0
Ophthalmia Neonatorum	0	0	0	0	0	0
Gonorrhoeal Ophthalmia	0	0	0	0	0	0
TOTAL :	92 (2.3)	107 (3.6)	22 (4.4)	40 (1.3)	169 (2.5)	261 (2.4)

(2) INFECTIOUS DISEASE

There were 261 notifications of infectious disease as compared with 258 in 1957. (See page 8).

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

Altogether 184 patients were admitted during the year 1958, 148 Borough and 36 Out-of-Borough. Figures for previous years were:-

1957 : 180; 1956 : 243; 1955 : 147; 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.

Cases of Puerperal Sepsis, Typhoid Fever and Tuberculosis, are provided for usually at Grey's Hospital - the Provincial General Hospital - and King George V-Springfield Hospital 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 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.

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL (Page 49).

Admissions during 1958 totalled 400, 115 Borough and 285 Out-of-Borough cases, a small increase from last years total of 381. Admissions since the opening of this hospital have been as follows:-

1957 : 381; 1956 : 414; 1955 : 331; 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.

AMBULANCE.

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

1) Total number of cases removed : 4,157.

2) Infectious cases removed : 827.

LABORATORY WORK.

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

Swabs for Diphtheria Bacilli	272
Swabs for Haemolytic Streptococci	317
Smears and swabs for Gonococcus, organisms, etc.	9
Cerebro-spinal Fluids	14
Blood (Vi, Sugar and other examinations)	1
Blood (Counts, Smears)	6
Cough Plates	0
Sputum and Pleural Fluids (T.B. etc.)	2
Stools (Parasites, T.B., etc.)	14
Urines (Chemical, microscopic, diastatic index, etc.)	9
Milk - for Bacterial Count	0
Milk - Phosphatase Test	0
	644

Laboratory ...../

LABORATORY WORK Cont'd.

Laboratory work done by Municipal Bio-Chemist;

Milk - for B. Coli Count	11
Milk - for Phosphatase Test	154
Water - for Bacteriological Count	244

Work done in Departmental Laboratory:-

No. of Mosquito larvae examined	:	453
No. of Mosquito adults examined	:	0
No. of Snails examined	:	335
No. of Physopsis identified	:	50

NOTIFIABLE INFECTIOUS DISEASE.

(a) ANTHRAX. No cases notified.

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

VACCINATION.

Every Native registering at the Municipal Pass Office is vaccinated when he is 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)	151
Successful Vaccinations (over 2)	48
Insusceptible to Vaccination (under 2)	3
Insusceptible to Vaccination (over 2)	5
Exempted from Vaccination	1

The number of vaccinations carried out by this Department at its Clinics during this period was 1,473 (Eur. 357; Nat. 217; Col. 175; As. 724).

(c) DIPHTHERIA.

The total number of cases notified in 1958 was 30 (including 2 "carriers"), as compared with 29 last year, and 2 Asiatic and 5 Natives died from this disease. All the deaths occurred in non-immunised children.

The immunisation history in 31 definite cases (confirmed by Virulence tests) admitted to our hospitals during 1958 was as follows:-

Immunised	Non-Immunised
Total cases : 4 (2 Eur.; 2 Non-Eur.) Deaths : Nil	Total cases: 24 (3 Eur.; 21 Non-Eur.) Deaths : 6 (Non-Eur.)

1,360 Immunisation courses against Diphtheria were completed at the Infant Clinic Sessions (a decrease on last years figure of 1,509). (Eur. 367; Nat. 172; Col. 143; As. 678).

Race ...../

DIPHTHERIA Cont'd.

Race	Pre-Inoculation Schick Tests	No. Positive	Post-Inoculation Schick Tests	No. Positive
European	2	-	7	0
Native	-	-	-	0
Coloured	-	-	-	-
Asiatic	-	-	-	-

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 1938:-

DIPHTHERIA

YEAR	EUROPEANS				NATIVES				COLOUREDS				ASIATICS			
	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths
July, 1938- June, 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
" 1946- " 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	-
Jan., 1954- Dec., 1954	1019	660	14	-	914	154	8	2	265	252	-	-	1200	698	8	2
Jan., - Dec., 1955	664	610	*17	1	1114	347	6	1	174	203	2	-	686	833	9	1
" - " 1956	685	398	°22	2	1101	257	6	1	170	156	1	-	790	632	2	-
" - " 1957	701	371	19	1	874	183	-7	1	179	177	-	-	788	838	3	1
" - " 1958	798	367	9	-	669	172	-11	5	217	143	°5	-	779	678	5	2

* Includes 8 carriers.
° Includes 2 carriers.
\- Includes 1 carrier.

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

(d) SCARIET FEVER.

60 Cases were notified as compared with 40 cases last year. The disease continued to be mild.

(e) CEREBRO-SPINAL MENINGITIS.

Only 1 case was notified during the year, the same figure as in 1956 and 1957.

(f) ANTERIOR ...../

(f) ANTERIOR POLIOMYELITIS.

Only 4 Cases were notified this year (2 Paretic), as compared with 20 last year. There were no deaths amongst these cases. All the notifications were of Europeans.

As vaccine was freely available, it was possible to offer the vaccine to the numerous adults who applied to the Department as well as to children.

Reactions to the vaccine were few in number and in no case became serious. During 1958 this Department administered the following Anti-Poliomyelitis inoculations:-

	First Inoculations	Second Inoculations	Third Inoculations	Fourth Inoculations	Total
Europeans	2,415	2,538	2,319	3	7,275
Natives	158	57	23	-	238
Coloureds	860	666	230	-	1,756
Asiatics	2,191	1,353	394	-	3,938
TOTAL :	5,624	4,614	2,966	3	13,207

The annual incidence of the disease in Pietermaritzburg is shown in the following table of notifications:-

1941 - 0;	1942 - 12;	1943 - 2;	1944 - 15;	1945 - 7;
1946 - 0;	1947 - 2;	1948 - 32;	1949 - 4;	1950 - 1;
1951 - 11;	1952 - 3;	1953 - 3;	1954 - 25;	1955 - 20;
1956 - 51;	1957 - 20;	1958 - 4.		

Poliomyelitis cases are treated in the Municipal Isolation Hospitals 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.

6 Cases were notified, all Natives, as compared with 16 cases last year (6 European, 9 Native and 1 Asiatic).

10 Persons were immunised (6 Europeans, 2 Coloureds, 2 Asiatics), contacts of patients suffering from Typhoid Fever. (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. (13 Europeans, 2 Coloureds, 73 Natives).

(3) TUBERCULOSIS (Pages 35-36).

Notifications of Pulmonary Tuberculosis totalled 130, a very small increase on last years total of 129, 13 of there being of Europeans. Notifications of Non-Pulmonary Tuberculosis totalled 8 (1 European), the same as last years figure.

61 Borough cases (48 Natives, 4 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	: Eur. 2; Col. 6.
King George V/Springfield Hosp.	: Eur. 9; Nat. 2; As. 5.
Edendale Non-European Hospital	: Nat. 17; As. 2.
Lilleshall Convalescent Hospital	: Eur. 1.
F.O.S.A., Durban	: As. 3.
Other Hospitals	: Eur. 1; Nat. 7.

The ...../

TUBERCULOSIS Cont'd.

The Natal Anti-Tuberculosis Association rendered assistance to 25 families in Pietermaritzburg (3 European, 16 Native, 3 Coloured and 3 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 1934-1958:-

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
" - " 1956	8	86	14	11	111	119	0	3	0	4	7	7
" - " 1957	11	84	11	23	118	129	2	14	1	2	17	19
" - " 1958	13	83	10	24	117	130	2	11	0	8	19	21

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

NON-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	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 .../												

(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
July,1950-June,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
Jan.,1954-Dec.,1954	1	7	0	5	12	13	0	2	0	3	5	5
Jan., - Dec.,1955	1	4	1	3	8	9	1	3	0	0	3	4
" - " 1956	0	1	0	1	2	2	1	0	0	0	0	1
" - " 1957	4	2	1	1	4	8	0	2	1	1	4	4
" - " 1958	1	4	1	2	7	8	0	4	0	1	5	5

* Includes 1 case also notified as Pulmonary Tuberculosis.

There was very little change in the European and Non-European incidence of this disease this year, and the death rate was much the same. Approximately 30% of the total expenditure by this Department is under the head "Anti-Tuberculosis Measures".

MINIATURE MASS RADIOGRAPHY

In 1954 the City Council installed a 70 mm. 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.	-	15,646	15,646
Referred for Pre-employment X-Ray	75	244	319
Referred by Employers	28	1,114	1,142
Referred by Doctors	359	975	1,334
Referred by Health Visitor	50	131	181
Applied Voluntarily for Miniature X-Ray	620	262	882
Follow-up X-Rays of cases attending Municipal Clinics or in T.B. or other Hospitals	102	922	1,024
Total Persons X-Rayed	1,234	19,294	20,528

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:-

	European	Non-European	Total
Active cases of Pulmonary T.B.	10	199	209
Arrested cases of Pulmonary T.B.	7	59	66

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 ...../

(3) TUBERCULOSIS Cont'd.

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.

All Natives passing through the Municipal Registration Medical Examination have a Miniature X-Ray as a routine. This years figures show that 414 out of a total of 15,646 Natives (i.e. 2.6%) were referred from the Pass Office for further investigation at the T.B.Clinic.

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 there were 2043 attendances at the Clinic (including 1,198 Out-of-Borough cases), as compared with last years total of 2,154. 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 only occasionally 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 for patients discharged from hospital. 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.

During the year 18 European, 58 Native, 17 Coloured and 40 Asiatic patients received regular Streptomycin injections at the 4 special clinic sessions (2 in town and 2 at the Sobantu Village) held 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, 3 Natives, 2 Coloureds and 22 Asiatics being dealt with in this way. 4 European patients and 1 Asiatic patient have been treated at home.

4,252 Visits were made to tuberculotics and contacts in their homes, (Borough cases only), as compared with last years total of 2,895.

The following notified cases were on our Tuberculosis Register as at December 31st, 1958, (1957 figures in brackets for comparison):-

	Eur.	Nat.	Col.	As.	All Non-Eur.	Total
Pulm.T.B.	101(87)	401(306)	57(60)	209(187)	667(553)	768(640)
N-Pulm.T.B.	9(8)	14(13)	3(1)	30(26)	47(40)	56(48)

The Tuberculosis Hospital : (Non-European only).

Admissions totalled 194, 62 Borough cases (49 Native, 4 Coloured and 9 Asiatic) and 132 Out-of-Borough cases (127 Native, 4 Coloured and 1 Asiatic).

1946-1947	Annual	Admission	Rate	per	Bed	2.0	patients
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	"
1956	"	"	"	"	" " ...	3.3	"
1957	"	"	"	"	" " ...	3.4	"
1958	"	"	"	"	" " ...	2.9	"

There ...../

THE TUBERCULOSIS HOSPITAL Cont'd.

There has been no undue delay in securing the admission of European cases to King George V Hospital 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.

(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,1948-June,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%
" 1956- " 1956	289	-	-	-	267	3.7%	1,073	1.8%
" 1957- " 1957	298	1.4%	-	-	245	6.1%	1,125	2.1%
" 1958- " 1958	300	1.3%	-	-	304	5.6%	1,207	2.3%

* Figures for 1953-1954 incomplete, owing to closing down of Mayor's 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 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 : 164. WR^S Positive : 4 (2.5%)

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

European ...../

(4) VENEREAL DISEASE (Cont'd.)

	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
1948-49	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
1949-50	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
1950-51	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
1951-52	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
1952-53	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
1954	2.1	-	0.3	-	3.8	3.6	2.8	2.6	3.8	2.2	-	10.2	3.0	2.4	-	9.3
1955	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
1956	2.5	3.3	0	0	3.7	4.4	2	2.6	3.7	4.4	1	2.7	2.3	2.6	-	-
1957	3.5	8.5	0	0	3.8	4.2	2.3	2.4	1.7	4.0	1	4	3.0	5.0	1	4.4
1958	2.3	4.1	0	0	3.2	4.7	2.5	2.6	2.5	6.0	1.1	3.8	2.7	4.7	-	1.6

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 significant increase in Clinic Attendances was recorded for 1958, there being 3,463 attendances during the year as compared with the 1956 total of 2,793. 1,439 Home Visits were paid to cases of Venereal Disease, as compared with the 1957 total of 979.

EPIDEMIC HOSPITAL (Non-European V.D.)

Admissions to this hospital totalled 413, a small decrease on last year's total of 443, but indicating the decrease in this disease that has been taking place in recent years, e.g. 1,312 in 1951-2, 561 in 1954, and 358 in 1955. The daily average of in-patients totalled 8 as compared with 7 last year, and 20 in 1954.

The re-admissions for this period numbered 36, i.e. 8.7% of admissions as compared with 12%, 13.8%, 13.4%, 9.3% and 6.8% 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	4	3	7
2) Patients thought themselves cured after only a few follow-up injections	1	2	3
3) Patients stated no facilities for further treatment available near their homes	1	2	3
4) Patients unable to pay transport to obtain treatment	0	0	0
5) Patients unable to pay doctor for further treatment	0	0	0
6) Patients stated employers would not allow them to attend for further treatment or that could not leave work	0	0	0
7) Patients re-admitted suffering from forms of V.D. other than that originally admitted for	6	2	8
8) Relapsed though attended clinic fairly regularly	0	0	0
9) Reinfected after discharge	11	8	19
10) Gaoled and received no further treatment..	0	0	0

With ..... /

EPIDEMIC HOSPITAL (Cont'd.)

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 inspecting 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 Officer devotes all his time to anti-rodent measures, rodent-proofing, trapping and poisoning (with Zinc Phosphide)and also with "Sorexa". Cyanogas pumping is also 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 - additional rodent-proofing measures were required in 1.

Trapping operations by Rodent Inspector : 12. Rodents trapped 26
Poisoning " " " " :191. Rodents Poisoned:
(Bodies recovered)..... 63
(Amount of Poison meal used..130 lbs.
Gassing operations by Rodent Inspector : 3. Bodies recovered 19
24 Dwellings completed rodent-proofing - 42 inspected.
77 Business premises, shops and stores rodent-proofed - 178 inspected.
Stables - 3 inspected.

New buildings in course of erection supervised for rodent-proofing : 34.
Vacant lands gassed : 5.

(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 concrete invert, was continued in the off 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.

(II) BILHARZIA

Regular surveys were carried out for the identification of snails. Copper Sulphate was used for the treatment of streams where Physopsis Africana were identified with a resultant rapid and considerable reduction in the number of snails found, treatment being repeated at 2 monthly intervals. A few cases of Bilharzia were reported in boys swimming in one of these streams.

Snails examined : 335
Physopsis Africana identified : 50

Warning notice boards have been erected at the various spots used as bathing spots.

(III) ENTERITIS ...../

(III) ENTERITIS in children under the age of two years accounted for 41 deaths, (33 Native, 2 Coloured and 6 Indian), an increase on last year's total of 36.

(IV) MUMPS

This disease was only moderately prevalent in European children during the year, 6 cases being admitted to the (European) Isolation Hospital, and 3 Non-European cases were admitted to the Non-European Infectious Diseases Hospital.

(V) MEASLES

This disease was fairly prevalent in school children this year, 61 Borough cases being admitted to the Isolation Hospitals, nearly twice last year's figure of 33. 2 Native and 2 Asiatic deaths from this disease were recorded.

(VI) CHICKEN POX

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

(VII) 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) 17 cases (14 being Natives) were admitted to the Non-European Infectious Diseases Hospital from outside the City, and 5 European and 4 Native cases were admitted from the City area.

(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 Aluminium Sulphate Lime, before filtration. After filtration, the water is treated with Chloramine before being distributed to the six service reservoirs. New covered service reservoirs at Hathorns Hill of approximately 5 million gallons capacity each have now been completed.

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 against Typhoid Fever 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. It has been found that the Pietermaritzburg water supply contains no fluorine.

The water supply had proved inadequate for the expanding needs of the City, and restrictions had been imposed on the use of water. Metering was introduced and has substantially reduced the total consumption of water in the City. Consumption dropped by 21% as a result of this measure. It has also been decided to raise the walls of the impounding dam at Henley so as to approximately treble the capacity of this dam and the first stage of this work has been completed, enabling the water level to be raised by 6 feet to provide an increased storage capacity of over 80 million gallons.

(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. The City Council acquired adjoining land, in order to extend the area available for sewage

disposal ...../

(8) NIGHTSOIL AND DISPOSAL Cont'd.

disposal, and a modern filtration plant was completed in 1956. (See my Annual Report 1956 for detailed description).

(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. 103 Inspections of butchers' shops and 30 inspections of Butchers' carts 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, 74,241 animals were slaughtered, a sharp increase on the 1957 total of 58,252. 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 changerooms, and the provision of new Railway Siding facilities has been completed. The siding is working satisfactorily. The lairage accommodation has already been improved by the provision of asbestos roofing. New Cold Storage accommodation was completed and the extensions of the hanging and slaughtering hall were continued but have not yet been completed. It is anticipated that these extensions will solve many of the difficulties now being experienced in the operation of the Abattoir as a meat market when the auction system was extended to beef, a purpose for which this Abattoir was never designed. It has not been possible to replace one of the Meat Inspectors who resigned and the Health Inspectors from the Department help out by carrying out Meat Inspection duties at the Abattoir.

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 last 10 years:-

	CATTLE			CALVES			PIGS		
	Slaughtered	% Infected	% Condemned	Slaughtered	% Infected	% Condemned	Slaughtered	% Infected	% Condemned
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
3-54	11,578	9.21	1.5	2,554	3.13	1.33	3,154	1.04	0.91
4-55	9,271	9.35	1.4	1,643	3.59	1.82	3,385	1.35	1.21
6	13,626	8.66	1.4	1,814	4.35	1.92	3,715	1.02	0.88
7	13,217	7.23	0.98	1,990	4.02	1.7	4,050	0.83	0.69
8	15,227	5.54	1.13	2,510	5.30	2.35	4,858	0.98	0.84

(10) MILK SUPPLIES

The milk supply has been carefully controlled throughout the year. It was derived from 47 producer-distributors, 16 in the Borough, and 31 Out-of-Borough, and 81 producers, 3 Borough and 78 Out-of-Borough, who send their milk to 2 pasteurisation plants, (1 Borough and 1 Out-of-Borough), from where it is distributed after pasteurisation. All these dairymen are registered with this Department and their premises are inspected regularly. Approximately 74% of the milk sold in Pietermaritzburg was pasteurised.

There ...../

MILK SUPPLIES Cont'd.

There are 15 cream suppliers, of whom 7 are in the Borough and 8 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.

722 Bloods were examined and of these one was reported positive but negative on retesting. 742 Immunising injections of Typhoid Endotoxoid Vaccine were given to dairy employees.

(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 . Careful attention is paid to storage conditions, particularly to rodent-proofing, and there is a considerable improvement in this connection. 276 Inspections of the Borough Market and 2,384 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, 72 samples were taken, and the results of the analyses were as follows:-

Milk: 44 Samples: 1 Sample, not in accordance with requirements in regard to Fat, and 2 samples not in accordance with Solids-not-Fat requirement.

Ice Cream: 4 Samples: All in accordance with standards laid down.

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

Mince Meat: 12 Samples: All in accordance with standards laid down.

Sausage: 3 Samples: All in accordance with standards laid down.

Boerewors: 1 Sample: All in accordance with standards laid down.

In the case of one of the defective Milk Samples prosecution resulted in a fine of £2. In one sample the time limit for prosecution had elapsed and in another the method of division of the milk sample did not comply with the Regulations. 1 Sample container was broken on arrival at the Laboratory.

Outbreaks of Food Poisoning.

Only 1 case of food poisoning reported to have followed the consumption of a meat pie was reported this year. Streptococcus Viridans and a coagulase positive strain of Staph. Albus were recovered from the food. 5 Other pies from the same consignment were consumed apparently without harmful effect by other customers. They could not be traced, but no reports of any upset were received.

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

The European Infantile Mortality Rate of 21.3 was much the same as last years figure of 21.4.

The Coloured Infantile Mortality Rate was much lower, viz. 23.1, as compared with 50.3 last year.

The ...../

(12) MA-TERNITY AND CHILD WELFARE Cont'd.

The Native Infantile Mortality Rate was 158.4 as compared with last years figure of 124.7.

The Asiatic Infantile Mortality Rate was 33.4 as compared with 41.9 last year.

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

In Europeans prematurity accounted for nearly 60% of the Infantile deaths. Prematurity, Diarrhoea, Enteritis and Malnutrition were the chief causes of Non-European Infantile Mortality, with Broncho-Pneumonia a close follower.

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 and Poliomyelitis immunisation was continued as one of the important activities of the Infant Welfare Clinics. 1,360 Children were immunised against Diphtheria (European 367; Native 172; Coloured 143; Asiatic 678), as compared with 1509 last year.

Of the total given above 212 European, 85 Native, 65 Coloured and 7 Asiatic infants were immunised against Whooping Cough at the same time as against Diphtheria. Asiatics were generally not given the 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 have been as follows:-

	European	Native	Coloured	Asiatic
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
1956	7,034	7,764	1,984	6,514
1957	6,884	6,928	2,245	6,870
1958	7,798	7,408	2,052	7,673

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

Successful Vaccinations (under 2 years) :	151
" " (over 2 years) :	48
Insusceptible to Vaccination (under 2 years) :	3
" " " (over 2 years) :	5
Vaccination Postponed :	1

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

Eur. 357; Nat. 217; Col. 175; As. 724; Total: 1,473.

Maternal Mortality.

1 Asiatic death was recorded from Eclampsia.

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 for Europeans, Coloureds and Asiatics. In addition, Ante-Natal Clinic Services for these races are

provided ...../

Maternal Mortality Cont'd.

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.

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

Borough cases:

Ante-Natal Clinic Attendances:

(Figures incomplete : for 9 months only)

Europeans	:	1,913
Coloureds	:	1,674
Asiatics	:	7,171
TOTAL	:	10,818

District Midwifery Visits:

Europeans	:	1,847
Coloureds	:	1,203
Asiatics	:	6,111
TOTAL	:	9,161

The Municipal Native Midwife conducted 89 confinements and paid 1,255 confinement visits.

In addition, an Ante-Natal Clinic was held at the Sobantu Village Dispensary for these patients:-

No. of New Patients	Ante-Natal Attendances	W.R.'s taken	W.R.'s Positive	Rh Positive	Rh Negative
181	677	164	4	107	8

4 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 3 confinements. 2 Midwife's bag inspections were made.

(13) BY-LAW NOTICES AND PROSECUTIONS (Pages 60-62).

3396 Notices and formal letters were served regarding breaches of the Borough By-Laws. 40 Prosecutions were initiated in the Magistrate's Court, as detailed on page 63. The total of inspections carried out this year was 16,627 as compared with 13,263 last year. Health Inspectors are still being diverted to the Abattoir to assist with Meat Inspection duties because of shortage of staff.

(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: 94 Complaints were received and dealt with.

Medical Examination of Natives:

Number Examined	Referred to TB Clinic after Min. X-Ray	Rejected V.D.	Rejected Other Causes	Vaccinated
Male : 22,415 Female : 52	414 (1.9%) -	32 (0.1%) 1 (2%)	- 1 (2%)	
TOTAL : 22,467	414 (1.9%)	33 (0.1%)	1 (.004%)	22,155

Other ...../

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

Other Reasons for Rejection:

Leprosy : Male : 0; Female : 1.

The number of Native female domestic servants coming forward for voluntary examination remains extremely low. Every person appearing at the Pass Office who does not possess evidence of recent successful vaccination, is vaccinated (a single insertion only). A Miniature X-Ray is taken of every Native attending the Medical Examination sessions.

Sotantu (Native) Village Dispensary.

The 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.

Number of New Patients attending Dispensary	:	2,108.
Re-attendances at Dispensary	:	179
Home Visits	:	1,938
Surgical Dressings	:	10,821

Health Propaganda:

Filmlets on Health subjects were shown regularly throughout the year at the local cinemas, and Diphtheria Immunisation posters were displayed in the Municipal buses for a period.

(15) STAFF

The Staff of the Department at 31st December, 1958, 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 N. Wilkinson
Senior Woman Clerical Asst.	:	Miss E.M. Hughes
Junior Woman Clerical Assts.	:	Mrs. D. Cox
	:	Miss M. Hattingh
	:	Miss Y.W. Gafney

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.
	:	C.L.O. Iversen, Cert. R.S.I., Meat & Other Foods Cert., R.S.I.
	:	S. Tulleken, Cert. R.S.I., Meat & Other Foods Cert., R.S.I.
	:	H.E. Slater, Cert. R.S.I., Meat & Other Foods Cert.,R.S.I.
	:	R.N. Byres, Cert. R.S.I.
	:	J.A. Lourens, Cert. R.S.I.
Malaria Officer	:	R.F. Tryer.
Rodent Officer	:	G. Fairfield.

Handymen & Transport Officer.
1 Indian Fumigation Asst.

HEALTH ...../

(15) STAFF Cont'd.

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.
	:	Mrs. I. Ellis, Health Visitor's Cert. R.S.I. Reg. Mental Nurse, S.A.N.C.
	:	Miss D.M. Harries, Health Visitor's Cert., R.S.I.
Clinic Sister	:	Mrs. B.A. Mitchell, Reg. Med. & Surg. Nurse
Clinic Clerks	:	Mrs. A.C. Ferguson.
	:	Miss G. Andrade.
Native Health Visitor	:	Celiwe Ngema, Health Visitor's Cert., R.S.I.

NATIVE NURSING AND HEALTH ASSISTANT STAFF

Native Nurse (Sobantu Village Dispensary)	:	Nurse Sophia Masongca, Health Visitors Cert., R.S.I.
District Native Nurse	:	Nurse Lulu Ngubane, S.A.N.C. Cert. (Gen. & Midwifery)
District Native Midwife	:	Nurse Georgina Yeni, S.A.N.C. Cert. (Gen. & Midwifery)
Native Health Assistants	:	G. Rodolo, S. Mokoena and M. Hlongwane.

ISOLATION HOSPITAL

Matron	:	A.E. Konstam (Acting)
Sisters	:	A.E. Spies, E.M. Hope.
Night Sister	:	K.E. Koen.
Probationer Nurses	:	M. Piek, A.S. du Toit.
1 Housekeeper	:	Mrs. C. Crawley.
14 Domestic Servants		
1 Native Night Watchman		

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

Matron	:	C. le Steers.
Male Nurse	:	K.R. Whitton.
1 Housekeeper	:	Mrs. A. Roberts.
Native Staff Nurses	:	10.
Native Probationer Nurses	:	8.
Native Domestic Staff	:	27.
Native Night Watchman	:	1.

EPIDEMIC HOSPITAL

Male Nurse	:	K. Whitton.
Native Staff Nurse	:	Position Vacant.
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.
	:	Position Vacant.
Clerk	:	W.L.J. Powell
Stockyard Foreman	:	N.J. Kriel.

* * * * * *

REPORT B.

(1) HOUSING.

The City Council built 1 Flat block of 6 flats for Municipal employees (Fire Department) and 72 houses for Indians at Northdale.

Powers under the Borough By-Laws have been exercised sparingly in dealing with insanitary dwellings, owing to the acute housing shortage. 26 Dwellings were condemned for demolition under Public Health By-Law 17, (22 of these being demolished by the end of the period under review, and 47 dwellings were voluntarily demolished mostly to make way for new buildings. All the buildings demolished were insanitary back yard shacks occupied as dwellings by Non-Europeans.

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
1958	489	160	54	13	716

New Buildings.

The City Engineer reports that 172 dwellings and 85 flats (5 blocks) were completed for Europeans, 47 flats (5 blocks) for Asiatics, 17 dwellings for Coloureds and Asiatics, and 4 dwellings for Natives. These dwellings were provided by Private Enterprise.

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

The Pietermaritzburg Sobantu Village, situated about 3 miles from the centre of Town now contains 1,091 occupied houses and various public buildings, with an estimated population of 8,000. Water is supplied by communal standpipes from the Corporation Water Supply, and sanitation is by the pail system, separate from 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.

Although there is still room available at the Sobantu Village, the Government will not permit the extension of this scheme and the Economic Houses constructed 2 years ago are the last houses to be built at this Village. All the houses at the Sobantu Village have been 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, and has under consideration a scheme for a new Native Village at Slangspruit. 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 2,030 Natives, and the Ortman Road Hostel with a capacity of 100. The Women's Hostel in Church Street houses 433 women, and an additional Women's Hostel housing 200 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. 495 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 quarters are the subject of inspection

by ...../

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

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.

No survey of housing requirements has been made by this Department since 1945, and since then the following building has taken place:-

(1) Europeans: 2,399 Houses and 832 Flats.
(2) Natives: a) 635 Houses and 54 Flats.
b) Accommodation for 28 persons - aged and indigent Natives.
c) Additional Hostel accommodation for Native males.
(3) Coloureds: 76 Houses. (Including Council schemes of 28 Sub-economic and 45 Economic houses).
(4) Asiatics: 378 Houses and 231 Flats (including 271 Sub-economic and National Houses built by the Council).

New Council Housing Schemes:

A scheme for 50 'economic' houses for Coloureds was commenced during the year at Woodlands.

A Housing Scheme of 114 'National' houses and 100 'Economic' houses for Asiatics was completed in 1958 at "Northdale" adjoining the Raisethorpe area. Plans were drawn up for a further 411 houses in this area which it is hoped will be commenced in 1959.

While the need for housing for Europeans and Coloureds is now much less, the needs for the other racial groups are steadily increasing with their population growth and the housing to be provided can only be regarded as a commencement of the programme required to meet their full needs.

* * * * * *

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	1	0	1	0	0	0	0	0	0
008. Cerebrospinal Mgcl, Meningitis	0	0	0	1	0	1	0	0	0	0	1	1
011. Whooping Cough	0	0	0	1	0	1	0	0	0	0	0	0
012. Diphtheria	0	0	0	3	2	5	0	0	0	2	0	2
014. Tetanus	0	0	0	1	0	1	0	0	0	0	0	0
Tuberculosis of:-												
015. Respiratory system	0	2	2	7	4	11	0	0	0	3	5	8
016. Central Nervous system	0	0	0	0	3	3	0	0	0	1	0	1
017. Intestines and Peritoneum	0	0	0	0	0	0	0	0	0	0	0	0
022. Genito-urinary system	0	0	0	0	0	0	0	0	0	0	0	0
023. Tuberculosis - Other organs	0	0	0	1	0	1	0	0	0	0	0	0
024. Tuberculosis - Acute miliary	0	0	0	0	0	0	0	0	0	0	0	0
027. Purulent infection & septicaemia	0	0	0	0	0	0	0	0	0	0	0	0
032. Bacillary dysentery	1	0	1	0	0	0	0	0	0	0	0	0
033. Amoebic dysentery	0	0	0	1	1	2	0	0	0	0	0	0
035. Dysentery - other & unspec. forms	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis:-												
041. General Paralysis of insane	0	0	0	0	0	0	0	0	0	0	0	0
042. Aneurysm of Aorta	1	0	1	0	0	0	0	0	0	0	0	0
044. Other forms	0	0	0	0	1	1	0	0	0	0	0	0
048. Influenza - with respiratory comps.	0	1	1	0	0	0	0	0	0	1	0	1
049. Influenza without respiratory comps.	0	1	1	2	0	2	0	0	0	0	1	1
052. Measles	0	0	0	1	1	2	0	0	0	2	0	2
053. Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0
077. Other infectious or parasitic dis.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP I	2	4	6	19	12	31	0	0	0	9	7	16
) CANCER AND OTHER TUMOURS.												
00. Pharynx	1	1	2	0	0	0	0	0	0	0	0	0
01. Oesophagus	0	0	0	1	0	1	0	0	0	0	0	0
02. Stomach and duodenum	3	3	6	0	0	0	0	1	1	0	1	1
03. Rectum	2	4	6	0	0	0	0	0	0	1	0	1
04. Liver	0	0	0	1	1	2	1	0	1	0	0	0
05. Pancreas	2	2	4	1	0	1	0	0	0	0	0	0
06. Other digestive organs (including peritoneum)	2	4	6	0	0	0	0	0	0	0	0	0
07. Larynx	0	0	0	0	0	0	0	0	0	0	0	0
08. Mediastinum	0	0	0	0	0	0	0	0	0	0	0	0
09. Lung	9	1	10	2	0	2	0	0	0	0	0	0
10. Uterus	0	5	5	0	2	2	0	0	0	0	0	0
11. Other female genital organs	0	2	2	0	0	0	0	0	0	0	0	0
12. Breast	0	4	4	0	1	1	0	0	0	0	0	0
13. Prostate	2	0	2	1	0	1	0	0	0	0	0	0
14. Other male genital organs	0	0	0	0	0	0	0	0	0	0	0	0
15. Male and female urinary organs	3	2	5	0	1	1	0	0	0	0	0	0
16. Skin	1	0	1	0	0	0	0	0	0	0	0	0
17. Brain & other parts of nerv. system	1	0	1	0	0	0	0	0	0	1	0	1
18. Bones	0	0	0	0	0	0	0	0	0	0	0	0
19. Unspecified organs	0	2	2	0	0	0	1	0	1	0	0	0
31. Other unspecified organs - non-malignant tumours	0	0	0	0	0	0	0	0	0	0	0	0
35. Tumours of brain	0	0	0	0	1	1	0	0	0	0	0	0
36. Other unspecified organs	0	2	2	0	0	0	0	0	0	0	0	0
TOTAL : GROUP II	26	32	58	6	6	12	2	1	3	2	1	3
Total C/Forward	28	36	64	25	18	43	2	1	3	11	8	19

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	36	64	25	18	43	2	1	3	11	8	19
) RHEUMATISM, DISEASES OF NUTRITION, ETC.												
52. Diabetes	0	1	1	0	0	0	0	0	0	0	1	1
61. Other diseases of adrenal glands	0	0	0	0	0	0	0	0	0	0	0	0
63. Malnutrition	0	0	0	24	16	40	0	0	0	0	2	2
64. Other general diseases	0	0	0	1	0	1	0	0	0	0	0	0
68. Pellagra	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 3	0	1	1	25	16	41	0	0	0	0	3	3
) DISEASES OF THE BLOOD.												
06. Other and unspec. Anaemia	1	0	1	0	0	0	0	0	0	0	0	0
07. Leukaemia	2	1	3	0	0	0	0	0	0	1	0	1
09. Splenic Anaemia	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 4	3	1	4	0	0	0	0	0	0	1	0	1
) DISEASES OF THE NERVOUS SYSTEM.												
01. Encephalitis (non-epidemic) - other forms	0	0	0	0	1	1	0	0	0	0	0	0
02. Pneumococcal meningitis	0	0	0	0	0	0	0	0	0	0	0	0
03. Meningitis - other forms	0	0	0	1	0	1	0	0	0	0	0	0
04. Dis. of Medulla and spinal cord	2	0	2	0	0	0	0	0	0	0	0	0
05. Cerebral haemorrhage	13	12	25	3	0	3	0	2	2	7	3	10
06. Cerebral embolism and thrombosis	16	10	26	0	0	0	0	1	1	1	2	3
08. Mental disorders and deficiency	0	0	0	0	0	0	0	0	0	1	0	1
09. Epilepsy	0	3	3	3	0	3	1	0	1	0	0	0
13. Erythrocytosis	2	0	2	0	0	0	0	0	0	0	0	0
15. Other dis. nervous system	0	1	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 6	33	26	59	7	1	8	1	3	4	9	5	14
) DISEASES OF THE CIRCULATORY SYSTEM												
51. Other Pericarditis	0	0	0	0	1	1	0	0	0	0	0	0
52. Acute endocarditis	0	0	0	0	0	0	0	0	0	0	0	0
54. Other forms	1	0	1	1	1	2	0	0	0	0	0	0
55. Acute myocarditis	1	1	2	2	0	2	0	0	0	0	0	0
56. Chronic myocarditis - rheumatic	0	2	2	0	0	0	0	0	0	0	0	0
57. Other chronic myocarditis	5	4	9	1	0	1	0	0	0	1	0	1
58. Diseases of the coronary arteries and angina pectoris	35	16	51	2	2	4	1	1	2	4	4	8
59. Heart disease - rheumatic	0	0	0	0	0	0	0	0	0	0	0	0
60. Other dis. of heart - not rheumatic	10	12	22	7	7	14	0	1	1	6	10	16
62. Arterio sclerosis	1	0	1	1	0	1	1	1	2	0	0	0
63. Gangrene (inc. cancrumoris)	0	0	0	0	0	0	0	0	0	0	0	0
64. Other diseases of arteries	0	1	1	0	0	0	0	0	0	0	0	0
67. High blood pressure	7	4	11	3	2	5	0	0	0	2	2	4
68. Other dis. of circulatory system	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 7	62	41	103	17	13	30	2	3	5	13	17	30
Total C/Forward	126	105	231	74	48	122	5	7	12	34	33	67

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	126	105	231	74	48	122	5	7	12	34	33	67
DISEASES OF THE RESPIRATORY SYSTEM												
2. Acute bronchitis	0	0	0	0	2	2	0	0	0	1	0	1
3. Chronic bronchitis	0	1	1	0	0	0	0	0	0	0	0	0
4. Broncho pneumonia	8	9	17	18	13	31	0	0	0	6	4	10
5. Lobar pneumonia	1	1	2	5	2	7	0	0	0	1	1	2
6. Pneumonia - unspecified	1	2	3	2	0	2	0	0	0	0	1	1
8. Other unspecified forms of pleurisy	0	0	0	0	0	0	0	0	0	0	0	0
9. Haemorrhagic infarction of lung (including pulmonary embolism)	2	1	3	0	0	0	0	0	0	0	0	0
0. Chronic or unspecified congestion of the lungs	0	2	2	1	0	1	0	0	0	1	0	1
1. Asthma	0	2	2	0	0	0	0	0	0	0	0	0
2. Pulmonary emphysema	2	0	2	0	0	0	0	0	0	0	0	0
7. Abscess of the lung	0	0	0	0	0	0	0	0	0	0	0	0
8. Other dis. of respiratory system not specified as occupational	1	0	1	1	0	1	0	0	0	1	0	1
TAL : GROUP 8	15	18	33	27	17	44	0	0	0	10	6	16
DISEASES OF THE DIGESTIVE SYSTEM												
4. Diseases of the Oesophagus	0	0	0	1	0	1	0	0	0	0	0	0
5. Ulcer of the stomach	3	1	4	0	0	0	0	0	0	0	0	0
6. Ulcer of the duodenum	3	0	3	0	0	0	0	0	0	0	0	0
7. Other diseases of the stomach	0	0	0	0	0	0	0	0	0	1	0	1
8. Diarrhoea and enteritis (under 2)	0	0	0	23	10	33	2	0	2	2	4	6
9. Diarrhoea and enteritis (over 2)	0	0	0	3	2	5	0	0	0	1	0	1
1. Appendicitis	0	1	1	0	0	0	0	0	0	0	0	0
3. Intestinal obstruction	0	0	0	1	0	1	0	0	0	0	1	1
5. Other diseases of intestines	0	0	0	0	1	1	0	0	0	0	0	0
6. Cirrhosis of liver - with Alcoholism	1	0	1	0	0	0	0	0	0	1	0	1
7. " " " - without "	1	0	1	0	1	1	0	0	0	0	0	0
8. Acute yellow atrophy of liver	0	0	0	0	0	0	0	0	0	0	0	0
9. Other diseases of liver	0	0	0	1	1	2	0	0	0	0	1	1
0. Biliary calculi	0	0	0	0	0	0	0	0	0	0	0	0
1. Cholecystitis (without calculi)	1	1	2	0	0	0	0	0	0	0	0	0
2. Dis. of Pancreas	0	1	1	0	0	0	0	0	0	0	0	0
3. Peritonitis, without stated cause	0	0	0	1	1	2	0	0	0	0	0	0
TAL : GROUP 9	9	4	13	30	16	46	2	0	2	5	6	11
DISEASES OF THE URINARY AND GENITAL SYSTEMS												
0. Acute nephritis	0	0	0	1	0	1	0	0	0	1	0	1
1. Chronic nephritis	3	0	3	2	1	3	0	0	0	0	0	0
2. Nephritis, not stated acute or chronic	0	0	0	0	1	1	0	0	0	0	0	0
3. Pyelitis	0	0	0	0	0	0	0	0	0	0	0	0
4. Other dis. of kidneys and ureters	3	1	4	0	0	0	0	0	0	1	3	4
5. Calculi of urinary passages	0	0	0	0	0	0	0	0	0	0	0	0
6. Cystitis	0	0	0	0	0	0	0	0	0	0	0	0
7. Hypertrophy prostate	1	0	1	0	0	0	0	0	0	2	0	2
8. Other dis. of prostate	0	0	0	0	0	0	0	0	0	0	0	0
9. Dis. of ovaries, fallopian tubes and parametria	0	0	0	0	0	0	0	0	0	0	0	0
TAL : GROUP 10	7	1	8	3	2	5	0	0	0	4	3	7
Total C/Forward	157	128	285	134	83	217	7	7	14	53	48	101

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	157	128	285	134	83	217	7	7	14	53	48	101
11) DISEASES OF PREGNANCY												
554. Ectopic gestation	0	0	0	0	0	0	0	0	0	0	0	0
558. Eclampsia	0	0	0	0	0	0	0	0	0	0	1	1
565. Other Haemorrhages during childbirth	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 11	0	0	0	0	0	0	0	0	0	0	1	1
12) DISEASES OF SKIN AND CELLULAR TISSUE												
600. Carbuncle, Boils	0	0	0	0	0	0	0	1	1	0	0	0
601. Cellulitis	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 12	0	0	0	0	0	0	0	1	1	0	0	0
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	0	0	0
TOTAL : GROUP 13	1	0	1	0	0	0	0	0	0	0	0	0
14) CONGENITAL MALFORMATIONS												
700. Hydrocephalus	0	1	1	0	0	0	0	0	0	0	0	0
701. Spina Bifida	0	0	0	0	0	0	0	0	0	0	0	0
702. Congenital malformation of heart	0	0	0	0	0	0	0	0	0	1	0	1
703. Monstrosities	0	0	0	0	0	0	0	0	0	0	0	0
708. Other stated congen. malformns.	0	1	1	0	0	0	0	0	0	0	1	1
709. Unspec. congen. malformns.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 14	0	2	2	0	0	0	0	0	0	1	1	2
15) DISEASES PECULIAR TO FIRST YEAR OF LIFE												
750. Congenital debility	0	0	0	0	0	0	0	0	0	0	0	0
751. Premature birth	2	8	10	7	6	13	3	2	5	5	4	9
752. Injury at birth - intra-cranial haemorrhage	1	0	1	1	0	1	0	0	0	1	3	4
753. Other birth injuries	0	0	0	1	0	1	0	0	0	0	1	1
754. Asphyxia during or after birth	1	0	1	2	0	2	0	0	0	0	0	0
758. Other specified diseases	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL : GROUP 15	4	8	12	12	6	18	3	2	5	6	8	14
16) SENILITY												
800. Senility (aged 65 and over)	8	9	17	3	2	5	0	2	2	7	1	8
TOTAL : GROUP 16	8	9	17	3	2	5	0	2	2	7	1	8
Total Carried Forward	170	147	317	149	91	240	10	12	22	67	59	126

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	170	147	317	149	91	240	10	12	22	67	59	126
17) VIOLENT OR ACCIDENTAL DEATHS												
850. Suicide by poisoning - corrosive substances	0	0	0	0	0	0	0	0	0	0	0	0
851. Suicide - analgesic, narcotic and soporific drugs	0	1	1	0	0	0	0	0	0	0	0	0
852. Suicide - other solid/liquid poisons	0	0	0	0	0	0	0	0	0	0	0	0
854. Suicide - by motor exhaust gases	0	0	0	0	0	0	0	0	0	1	0	1
856. Suicide - hanging or strangulation	0	0	0	0	0	0	0	0	0	1	0	1
857. Suicide - by drowning	0	0	0	0	0	0	0	0	0	0	1	1
858. Firearms and explosives	1	0	1	0	0	0	0	0	0	0	0	0
860. Suicide - Jumping from high places	1	1	2	0	0	0	0	0	0	0	0	0
863. Suicide - unspecified means	0	0	0	0	0	0	0	0	0	0	0	0
865. Homicide by firearms	0	0	0	1	0	1	0	0	0	0	0	0
866. Homicide - Cutting or piercing instruments	1	0	1	0	0	0	2	0	2	1	0	1
867. Unspecified homicide	2	1	3	1	0	1	0	0	0	4	0	4
868. Accidents on railways	1	0	1	0	0	0	0	0	0	0	0	0
870. Collisions with trams, trolley-buses	0	0	0	0	0	0	0	0	0	0	0	0
871. Other accidents (motor)	6	1	7	1	1	2	1	0	1	3	0	3
874. Other accidents - motor-driven cycles	2	0	2	1	0	1	0	0	0	0	0	0
886. Accidents caused by Machinery	1	0	1	0	0	0	0	0	0	0	0	0
890. Conflagration	0	0	0	0	1	1	0	0	0	0	0	0
891. Accidental burns	0	0	0	0	0	0	0	0	0	0	1	1
892. Accidental mechanical suffocation	0	0	0	0	0	0	0	0	0	0	0	0
893. Accidental drowning	0	0	0	0	0	0	0	0	0	1	0	1
894. Accidental injury by firearms	0	0	0	1	0	1	0	0	0	0	0	0
896. Accidental injury by fall	1	0	1	0	0	0	0	0	0	2	0	2
897. Accidental injury by landslide	0	0	0	0	0	0	0	0	0	0	0	0
904. Other accidents due to electric currents	0	0	0	0	0	0	0	0	0	0	0	0
906. Anaesthetic accidents	0	0	0	0	0	0	0	0	0	0	0	0
908. Other and unspecified accidents	0	0	0	0	0	0	0	0	0	2	0	2
TOTAL : GROUP 17	16	4	20	5	2	7	3	0	3	15	2	17
18) ILL-DEFINED CAUSES OF DEATH												
951. Ill-defined causes	5	4	9	4	6	10	1	0	1	2	1	3
952. Found dead - cause unknown	1	1	2	3	0	3	0	0	0	0	0	0
953. Other deaths from unknown or unspecified causes	2	0	2	6	4	10	0	0	0	0	0	0
TOTAL : GROUP 18	8	5	13	13	10	23	1	0	1	2	1	3
TOTAL	*194	156	350	167	103	270	14	12	26	84	62	146

* Includes 1 person of undetermined sex.

INFANTILE MORTALITY

(under 1 year)

CAUSES OF DEATH

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
8. Cerebro-spinal Meningo-coccal Meningitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Diphtheria	0	0	0	2	1	3	0	0	0	0	0	0	2	1	3
5. Pulmonary Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Tuberculosis of C.N.S.	0	0	0	0	1	1	0	0	0	1	0	1	1	1	2
4. Acute Miliary T.B.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Septicaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Bacillary Dysentery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Influenza - without res-piratory complications	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
2. Measles	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
3. Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Malnutrition	0	0	0	15	11	26	0	0	0	0	0	0	15	11	26
4. Other general diseases	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
0. Intra-cranial abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Pneumococcal Meningitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Meningitis - other forms	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
7. Chronic myocarditis	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
0. Other diseases of heart not rheumatic	1	0	1	0	1	1	0	0	0	0	0	0	0	1	1
2. Acute bronchitis	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
4. Broncho-Pneumonia	0	1	1	9	7	16	0	0	0	3	1	4	12	8	20
5. Lobar Pneumonia	0	0	0	3	2	5	0	0	0	0	0	0	3	2	5
5. Pneumonia, unspecified	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
7. Abscess of the lung	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Diarrhoea & Enteritis	0	0	0	15	7	22	1	0	1	1	2	3	17	9	26
3. Intestinal obstruction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Other dis. of liver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1. Chronic Nephritis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0. Congenital hydrocephalus	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1. Spina Bifida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Cong. malfmn. of heart	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
3. Monstrosities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Other stated cong. malfmn.	0	1	1	0	0	0	0	0	0	0	1	1	0	1	1
0. Congenital debility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. Premature birth	2	8	10	7	5	12	3	2	5	5	4	9	15	11	26
. Intra-cranial haem.	1	0	1	1	0	1	0	0	0	1	3	4	2	3	5
. Other birth injuries	0	0	0	1	0	1	0	0	0	0	1	1	1	1	2
. Asphyxia, atelectasis	1	0	1	2	0	2	0	0	0	0	0	0	2	0	2
. Other specified diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. Suicide, unspec. means	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. Accidental burns	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
. Accidental mechanical suffocation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. Other & unspecified accidents	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. Ill-defined causes	0	0	0	2	0	2	0	0	0	1	0	1	3	0	3
. Found dead, cause unknown	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
. Unknown/unspec. causes	0	0	0	1	3	4	0	0	0	0	0	0	1	3	4
TOTAL :	6	11	17	66	40	106	4	2	6	13	13	26	83	55	138

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. 24 hours	2	5	7	5	2	7	2	0	2	2	1	3	9	3	12
2nd. - 7th day	2	3	5	4	4	8	0	1	1	2	5	7	6	10	16
1 Week - 1 Month	0	0	0	4	7	11	0	1	1	4	2	6	8	10	18
1 Month - 2 Months	0	0	0	12	3	15	0	0	0	3	2	5	15	5	20
3 Months - 5 Months	2	2	4	22	9	31	2	0	2	1	1	2	25	10	35
5 Months - 8 Months	0	1	1	9	7	16	0	0	0	0	1	1	9	8	17
9 Months - 11 Months	0	0	0	10	8	18	0	0	0	1	1	2	11	9	20
TOTAL :	6	11	17	66	40	106	4	2	6	13	13	26	83	55	138

INFANTILE MORTALITY RATES
(Deaths per 1,000 Births)

	EUROPEAN	NATIVE	COLOURED	ASIATIC
During 1st.24 hours	7 : 8.8	7 : 10.5	2 : 9.2	3 : 3.9
2nd. - 7th day	5 : 6.3	8 : 12.0	1 : 4.6	7 : 9.0
1 Week - 1 Month	0 : 0	11 : 16.4	1 : 4.6	6 : 7.7
1 Month - 2 Months	0 : 0	15 : 22.4	0 : 0	5 : 6.4
3 Months - 5 Months	4 : 5.0	31 : 46.3	2 : 9.2	2 : 2.6
5 Months - 8 Months	1 : 1.3	16 : 23.9	0 : 0	1 : 1.3
9 Months - 11 Months	0 : 0	18 : 26.9	0 : 0	2 : 2.6
Infantile Mortality Rate	17 : 21.3	106 : 158.4	6 : 27.6	26 : 33.4

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

European	:	4.9%
Native	:	37.3%
Coloured	:	23.1%
Asiatic	:	17.8%
All Non-European	:	31.2%
All Races	:	19.6%

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	26	24.5	0	0	0	0	26	18.8
Tuberculosis (all forms)	0	0	1	0.9	0	0	1	3.8	2	1.4
Gastro-Enteritis	0	0	22	20.8	1	16.7	3	11.5	26	18.8
Bronchitis & Pneumonia	1	5.9	25	23.6	0	0	4	15.4	29	21.0
Malformations	2	11.8	0	0	0	0	1	3.8	1	0.7
Congenital Debility	0	0	0	0	0	0	0	0	0	0
Prematurity	10	58.8	12	11.3	5	83.3	9	34.6	26	18.8
Injury at Birth	1	5.9	2	1.9	0	0	5	19.2	7	5.1
Asphyxia - Atelectasis	1	5.9	2	1.9	0	0	0	0	2	1.4
Convulsions	0	0	0	0	0	0	0	0	0	0
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	3	2.8	0	0	0	0	3	2.2
Measles	0	0	1	0.9	0	0	0	0	1	0.72
Cerebro-spinal Fever	0	0	0	0	0	0	0	0	0	0
Other specified causes	2	11.8	4	3.8	0	0	2	7.7	6	4.3
Ill-defined causes	0	0	8	7.5	0	0	1	3.8	9	6.5
	17		106		6		26		138	

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	1	0	1	1	0	1
March	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	1	0	1	0	0	0	0	2	2	1	2	3
August	0	0	0	2	0	2	0	0	0	1	2	3	3	2	5
September	0	1	1	0	1	1	0	0	0	0	0	0	0	1	1
October	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
December	0	0	0	2	0	2	0	0	0	1	0	1	3	0	3
TOTAL :	0	2	2	7	4	11	0	0	0	3	5	8	10	9	19

DEATH RATES (PER 1,000 POPULATION)

European	:	0.05
Native	:	0.37
Coloured	:	0
Asiatic	:	0.27
All Non-European	:	0.30
All Persons	:	0.20

DEATHS IN AGE GROUPS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
- 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 2 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
- 4 years	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
- 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	2	1	3	0	0	0	1	1	2	3	2	5
- 44 years	0	0	0	1	0	1	0	0	0	1	2	3	2	2	4
- 54 years	0	0	0	1	1	2	0	0	0	0	1	1	1	2	3
- 64 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
- 74 years	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
and Over	0	2	2	1	0	1	0	0	0	0	0	0	1	0	1
TAL :	0	2	2	7	4	11	0	0	0	3	5	8	10	9	19

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
anuary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ebruary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
arch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
pril	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
ay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
une	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
uly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ugust	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
eptember	0	0	0	0	2	2	0	0	0	1	0	1	1	2	3
ctober	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ovember	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ecember	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTAL :	0	0	0	1	3	4	0	0	0	1	0	1	2	3	5

DEATH RATE PER 1,000 POPULATION

European	:	0
Native	:	0.14
Coloured	:	0
Asiatic	:	0.03
All Non-European	:	0.07
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	1	1	0	0	0	1	0	1	1	1	2
1 - 2 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 34 years	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
5 - 44 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 54 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 74 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 and Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTAL :	0	0	0	1	3	4	0	0	0	1	0	1	2	3	5

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
Under 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	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	1	1	0	0	0	0	0	0	1	0	1	1	0	1
15 - 24 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
25 - 34 years	1	0	1	0	1	1	0	0	0	0	0	0	0	1	1
35 - 44 years	2	3	5	1	2	3	0	0	0	0	0	0	1	2	3
45 - 54 years	3	9	12	1	1	2	0	1	1	0	0	0	1	2	3
55 - 64 years	7	6	13	3	1	4	2	0	2	0	1	1	5	2	7
65 - 74 years	7	6	13	1	0	1	0	0	0	1	0	1	2	0	2
75 and Over	6	7	13	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	26	32	58	6	6	12	2	1	3	2	1	3	10	8	18

DEATH RATE PER 1,000 POPULATION

European	:	1.51
Native	:	0.41
Coloured	:	0.60
Asiatic	:	0.10
All Non-European	:	0.28
ALL PERSONS	:	0.74

FORMS OF CANCER CAUSING DEATH 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:-																
100. Buccal Cavity	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
101. Oesophagus	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
102. Stomach & Duodenum	0	0	0	0	0	0	0	0	1	2	0	2	2	1	0	0
103. Rectum	0	0	0	0	1	0	0	0	0	1	0	0	1	3	1	0
104. Liver	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0
105. Pancreas	0	0	0	0	0	0	1	0	0	1	0	0	2	1	0	0
106. Other digest. org. (inc. peritoneum)	0	0	0	0	0	0	0	0	1	1	0	0	1	3	0	0
107. Larynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109. Lung	0	0	0	0	1	0	0	0	4	0	1	0	4	1	1	0
110. Uterus	0	0	0	0	0	1	0	1	0	4	0	1	0	0	0	0
111. Other female genital organs	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
112. Breast	0	0	0	0	0	1	0	1	0	2	0	0	0	1	0	0
113. Prostate	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0
114. Other male genital organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115. Male and female urinary organs	0	0	0	0	0	1	0	0	2	0	0	1	1	1	0	0
116. Skin	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
117. Brain & other parts of nervous system	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
118. Bones	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119. Other & unspecified organs	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0
131. Non-malig. tumours of unspec. organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135. Undeterm. tumours of Brain	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
136. Undetermined tumors of unspec. organs	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
TOTAL :	0	1	1	1	3	3	1	3	10	15	6	4	13	13	2	0

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
Under 1 year	2	0	2	0	1	1	0	0	0	0	0	0	0	1	1
1 - 2 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	1	1	0	0	0	0	0	0	0	1	1	0	1	1
5 - 24 years	0	0	0	0	1	1	0	0	0	2	0	2	2	1	3
5 - 34 years	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
5 - 44 years	7	1	8	3	4	7	0	0	0	2	0	2	5	4	9
5 - 54 years	6	3	9	6	2	8	1	1	2	0	3	3	7	6	13
5 - 64 years	18	2	20	6	3	9	0	0	0	3	4	7	9	7	16
5 - 74 years	16	13	29	1	0	1	0	1	1	5	3	8	6	4	10
5 and Over	13	21	34	1	1	2	1	1	2	1	5	6	3	7	10
TAL :	62	41	103	17	13	30	2	3	5	13	17	30	32	33	65

DEATH RATE (PER 1,000 POPULATION)

European	:	2.68
Native	:	1.01
Coloured	:	1.00
Asiatic	:	1.01
All Non-European	:	1.01
ALL PERSONS	:	1.64

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	0	0	0	2	2	4	0	0	0	0	0	0	2	2	4
ebruary	2	0	2	1	1	2	0	0	0	0	1	1	1	2	3
arch	1	2	3	3	2	5	0	0	0	0	0	0	3	2	5
pril	2	1	3	1	0	1	0	0	0	2	1	3	3	1	4
ay	0	0	0	0	1	1	0	0	0	1	0	1	1	1	2
une	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
ily	1	2	3	1	0	1	0	0	0	2	2	4	3	2	5
ugust	0	3	3	3	3	6	0	0	0	0	0	0	3	3	6
eptember	1	2	3	4	4	8	0	0	0	0	1	1	4	5	9
ctober	1	1	2	2	0	2	0	0	0	1	0	1	3	0	3
ovember	1	1	2	6	1	7	0	0	0	2	0	2	8	1	9
ecember	0	0	0	2	3	5	0	0	0	0	1	1	2	4	6
TAL :	10	13	23	25	17	42	0	0	0	8	6	14	33	23	56

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
der 1 year	0	1	1	15	12	27	0	0	0	3	1	4	18	13	31
- 2 years	0	1	1	3	3	6	0	0	0	0	2	2	3	5	8
- 4 years	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
- 14 years	1	0	1	0	0	0	0	0	0	1	1	2	1	1	2
- 24 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
- 34 years	0	0	0	0	0	0	0	0	0	1	2	3	1	2	3
- 44 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
- 54 years	1	0	1	2	0	2	0	0	0	0	0	0	2	0	2
- 64 years	3	4	7	1	1	2	0	0	0	1	0	1	2	1	3
- 74 years	1	5	6	1	0	1	0	0	0	2	0	2	3	0	3
and Over	4	2	6	0	0	0	0	0	0	0	0	0	0	0	0
TAL :	10	13	23	25	17	42	0	0	0	8	6	14	33	23	56

onchitis	0	1	1	0	2	2	0	0	0	1	0	1	1	2	3
eumonia	10	12	22	25	15	40	0	0	0	7	6	13	32	21	53
TAL :	10	13	23	25	17	42	0	0	0	8	6	14	33	23	56

DEATH RATES PER 1,000 POPULATION

BRONCHITIS :	Code Nos. 402 - 403.	PNEUMONIA :	Code Nos. 404 - 406.
European :	0.03	European :	0.57
Native :	0.07	Native :	1.36
Coloured :	0	Coloured :	0
Asiatic :	0.03	Asiatic :	0.44
All Non-European:	0.05	All Non-European:	0.83
ALL PERSONS :	0.04	ALL PERSONS :	0.73

DEATHS DUE TO DIARRHOEA 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	3	4	1	0	1	0	1	1	2	4	6
February	0	0	0	2	1	3	1	0	1	0	0	0	3	1	4
March	0	0	0	5	3	8	0	0	0	0	0	0	5	3	8
April	0	0	0	3	1	4	0	0	0	0	0	0	3	1	4
May	0	0	0	3	1	4	0	0	0	1	0	1	4	1	5
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	1	1	2	1	1	2
August	0	0	0	3	0	3	0	0	0	0	0	0	3	0	3
September	0	0	0	1	0	1	0	0	0	0	1	1	1	1	2
October	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
November	0	0	0	3	0	3	0	0	0	0	0	0	3	0	3
December	0	0	0	1	1	2	0	0	0	0	1	1	1	2	3
TOTAL :	0	0	0	23	10	33	2	0	2	2	4	6	27	14	41

DISTRICTS OF RESIDENCE OF CASES OF ENTERIC FEVER AND TUBERCULOSIS

	Notifications of Enteric Fever	Deaths from Tuberculosis
P.M. Burg Central	2	10
Zwartkop Valley	-	-
Wembley	-	-
Scottsville (in water supply area)	-	-
Scottsville (outside water supply area)	-	-
Mountain Rise	-	-
Pentrich (in water supply area)	-	2
Pentrich (outside water supply area)	-	-
Chase and Town Bush Valleys	1	-
Sobantu Village	3	7
Hathorn's Hill	-	-
Asiatic Housing Scheme	-	4
Raisethorpe	-	1
Unable to trace residence	-	-
TOTAL :	6	24

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	39	24	2	6	110	35	369	54	9	7	1	4	51	30	12	1	209	90	384	65
Total Attendances	104	52	8	8	435	140	953	134	47	23	12	13	259	117	47	23	845	332	1020	178
Sputa Examined	16	15	2	3	19	6	61	7	6	-	1	1	10	4	-	-	51	25	64	11
Sputa Positive	2	3	-	-	1	3	7	1	1	-	-	-	1	-	-	-	4	8	7	1
X-Ray Examinations	55	26	4	4	99	21	362	33	7	4	1	-	55	18	9	4	216	69	376	41
X-Ray Positive	22	7	1	2	52	17	137	22	6	1	1	-	29	9	5	4	109	34	144	128
Positive Diagnosis made	5	1	-	-	47	21	89	20	1	2	-	-	21	8	1	1	74	32	104	7
Adm. to Non-Eur. Inf. Dis. Hosp. from Clinic	-	-	-	-	35	2	24	2	1	1	-	-	3	1	-	-	39	4	24	2
Contacts Examined	12	5	1	3	28	2	39	2	-	2	-	-	13	7	-	1	53	16	40	7

	EUROPEAN	NATIVE	COLOURED	ASIATIC	TOTAL
Streptomycin Injecs. given	460	2,230	442	2,035	5,167
Home Visits to Tuberculotics and their contacts (Borough cases only)	764	2,522	299	667	4,252

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					8557		6675										8557		6675	
	Suspect					221		193										221		193	
Pre-employment X-Ray	Private Firms					87	1	6	-	19	-	-	-	127	-	4	-	233	1	10	-
	Mun. Supern. Fund	59	15	1	-													59	15	1	-
Ref. by Employers	Routine	21	7			680	130	58	3	13	1	-	-	207	1	3		921	139	61	3
	Suspect													1				1			
	Contact					4	6	1	-	5				1				10	6	1	-
Ref. by Doctors	Routine	4	1			1	1	11	1	1				11	3	1		17	5	12	1
	Suspect	155	136	31	30	104	50	34	205	14	20	4	3	207	159	85	44	480	365	154	282
	Contact	1	1					9	2				1	2	2			3	3	9	3
Voluntary Attendance	Routine	224	218	25	27	23	7	11	15	7	7	7	-	75	37	13	4	329	269	56	46
	Suspect																				
	Contact	98	23			3	6	2	1	12	28	2	1	1				114	62	4	2
Referred by Health Visitor	Routine																				
	Suspect							1		1				1				2	-	1	-
	Contact	22	27	1	-	29	23	10	13					22	31			73	81	11	13
Follow-up X-Ray	ex Hosp.	21				139	65	9	16	10	6	4	-	10	2			180	73	13	16
	ex Clinic	42	28	4	7	175	88	98	52	22	13	2	4	126	45	23	13	365	174	127	76
TOTALS :		647	461	62	64	10023	377	7118	308	104	75	19	9	791	280	129	61	11565	1193	7328	442

GRAND TOTAL : 20,528.

RESULTS OF MINIATURE X-RAYS

(Excluding Follow-up X-Rays of Hospital Cases)

	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	51	11	5	8	282	21	306	59	1	4	2	2	75	31	14	15	409	67	327	84
2. Other lung conditions	9	9	1	2	9	8	10	10	1	-	-	-	8	1	3	4	27	18	14	16
3. Cardiac conditions	3	2	-	1	1	-	2	3	-	-	-	-	1	2	-	1	5	4	2	5
4. Spinal or Thoracic cage	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-	-	1	1	1	-
5. Nil abnormal detected	521	411	52	46	9416	195	6969	168	70	52	11	3	571	198	89	28	10578	856	7121	245
6. Other conditions noted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS :	584	433	58	57	9709	224	7288	240	72	56	13	5	655	233	106	48	11020	946	7465	350

European : 1,132 All Non-European : 18,649 All Persons : 19,781

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. P.T.B. Active	7	2	1	-	83	8	72	7	1	-	-	-	21	4	2	1	112	14	75	8
B. P.T.B. Inactive	7	-	-	-	21	3	14	5	-	-	-	-	9	3	1	3	37	6	15	8
C. Non-P.T.B.	2	-	-	-	51	3	30	4	-	-	-	-	9	8	1	2	62	11	31	6
D. Other	35	9	4	8	127	7	200	43	-	4	2	2	36	16	10	9	198	36	216	62

VENEREAL DISEASE

CLINIC ATTENDANCES FOR THE YEAR ENDING 31st DECEMBER, 1958.

(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					22	1	12									2	1				88	3	20									2
2					5	1	3	1	1				1								51	5	14	7	4				5			
3					23	11	22	22		1			1								79	92	38	89		2			13			
4						2															4	9	9									
5					27	74	5	43		10		2	3	8		1		22			222	554	58	283		93		21	7	95		11
6																							1									
7					6	4	9	7	1		1		2	14							30	25	24	30	1		6	1	16	41		
8					2	3	2		1												10	10	2		1	2			5	1		
9		1			47	26	19	14	6				9				16	2			220	120	54	64	13		2		13	2		
10																						3	1	4						4		
11					1	2							3								6	3	3						6			
12																																
13							2														3		4									
14																													1			
15					3																6		6									
16					1																2											
17					30	17	5	9	3				1	2			6	1			117	44	19	18	6				7	7		
18								3														1	2	10								
Total :		1			167	141	79	99	12	11	1	2	20	24		3	23	25			838	869	255	505	25	97	8	22	73	150		13
19 Disch. on Probn.	1	4			137	119	41	62	4	7	1	3	4	18		1																
20 Disch. Finally	1	1			61	50	19	22	1	1	1		7	6																		

V.D. CLINIC DEFAULTER INVESTIGATIONS

	EUROPEAN		NATIVE		COLOURED		ASIATIC	
	M	F	M	F	M	F	M	F
UNABLE TO TRACE	-	-	31	47	-	4	-	-
RETURNED TO CLINIC	1	1	103	115	1	-	-	2
DID NOT RETURN	-	-	13	16	1	1	-	-
TOTAL OF DEFAULTERS	1	1	147	178	2	5	-	2
NO. OF VISITS	1	1	194	234	3	5	-	2
RETURNED TO CLINIC								
A. At Request of Health Visitor or Native Health Assistant								
1) Following personal visits	1	1	194	234	3	5	-	2
2) Following letters	-	-	-	-	-	-	-	-
3) Following telephone calls	-	-	-	-	-	-	-	-
4) Traced through Pass Office Records	-	-	1	-	-	-	-	-
5) Following accidental encounter	-	-	-	-	-	-	-	-
B. Supplementary Visits by Health Visitor (in case of Native Health Asstsl).								
1) Employer telephoned	-	-	-	-	-	-	-	-
2) Employer visited	-	-	2	2	-	-	-	-
3) Defaulters visited	-	-	-	-	1	-	-	-
REASONS FOR DEFAULTING								
No reason	-	-	31	41	-	-	-	-
Unable to pay transport	-	-	-	-	-	-	-	-
Left City	-	-	24	37	-	-	-	-
Illness	-	-	15	29	-	-	-	-
Hours of work prevent attendance:	-	-	13	4	1	-	-	-
Prefer morning Clinic	-	-	3	3	-	-	-	-
Prefer afternoon Clinic	1	-	3	-	-	2	-	1
Prefer Saturday morning Clinic	-	-	-	-	2	-	-	-
Thought him/herself cured	-	-	5	3	-	2	-	2
Races not separated enough at Clinic	-	-	-	-	-	-	-	-
Clinic not private enough	-	-	-	-	-	-	-	-
Reaction to Injections	-	-	-	-	-	-	-	-
Other reasons	1	1	34	34	1	1	-	-

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					3		7		38	2	52	3	37	2	52	3																
2	1		2				4		1	1	8		3	1	12																	
3					2				13	24	21	56	13	20	17	49																
4									2	1	1		2	1	1																	
5					1				7	1	3	13	8	1	2	8																
6																																
7									2		11	6	1		8	5																
8											2	3			1	2																
9					4		5		15	7	30	11	19	7	29	10																
10										1		3				1																
11											2				2																	
12											2																					
13																																
14									1				1																			
15					5		2		9		11	3	10	1	13	2																
16																																
17									1	1	2	1		1	2	1																

No. of admissions during Year:

	Borough Males	Borough Females	O/Borough Males	O/Borough Females
No. of individuals admitted during the year.	94	36	101	43

	Borough Males	Borough Females	O/Borough Males	O/Borough Females
No. of Patients suffering from 2 or more Venereal Diseases	12	2	11	9

VENEREAL DISEASE Continued.

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																																Y
3									1	1	2		1	1	2																	
4																																
5																																
6																																
7																																
8																																
9									1				1																			
10																																
11																																
12																																
13																																
14																																
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	2	1	2	0

	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												1				1																
3																																
4									1				1																			
5																																
6																																
7																																
8																																
9									1				1																			
10																																
11																																
12																																
13																																
14																																
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	2	1	2	0

	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.

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 : 5. FEMALE : 3. TOTAL : 8.

VENEREAL DISEASE HOME VISITS

	European	Native	Coloured	Asiatic	Total		
	M : F	M : F	M : F	M : F	M : F	:	PERSONS
1958	5 : -	723 : 687	7 : 6	5 : 6	740 : 699	:	1,439

VENEREAL DISEASE Cont'd.

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

YEAR ENDING 31st DECEMBER, 1958.

	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																			39	32	13	4	15	-
No. of Positive or Doubtful Reactors																			38	32	10	2	15	-
No. of those who had previously received treatment																			8	3				
No. undergoing a First Course of treatment during pregnancy																				4	2	1	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	37	0	0	0	37	10	1	0	0	11	48
Measles	43	10	8	-	61	5	29	0	1	35	96
Diphtheria	10	11	3	8	32	7	83	0	5	95	127
Diphtheria Carrier	1	1	1	0	3	1	6	0	0	7	10
Diphtheria Contact	0	0	0	0	0	0	1	0	0	1	1
Mumps	6	1	1	1	9	-	-	-	-	-	9
Whooping Cough	5	4	0	0	9	2	14	0	1	17	26
Laryngitis	-	-	-	-	0	1	-	-	-	1	1
Chicken Pox	9	1	1	-	11	1	4	-	-	5	16
C.S. Fever	2	-	-	0	2	3	1	2	0	6	8
German Measles	22	-	-	-	22	-	-	-	-	0	22
Measles & Pulmonary T.B.	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-
Pulmonary Tuberculosis	2	48	4	9	63	-	127	3	1	131	194
Typhoid Fever	1	-	-	-	1	-	-	-	-	-	1
Poliomyelitis	5	1	-	-	6	3	4	0	1	8	14
Glandular Fever	2	-	-	-	2	-	-	-	-	-	2
Encephalitis	3	-	-	-	3	2	-	-	-	2	5
Boarder	-	-	-	1	1	-	-	-	-	-	1
Strep. Inf. of Throat	-	-	-	-	-	1	-	-	-	1	1
T.B. Meningitis	0	1	-	-	1	-	-	1	-	1	2
TOTAL :	148	78	18	19	263	36	270	6	9	321	584

ISOLATION HOSPITAL AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

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

BOROUGH CASES

In 8 cases (3 Eur., 2 Nat., 1 Col. and 2 As.) diagnosis Diphtheria altered to Rhinitis or Pharyngitis or Laryngitis or Tonsillitis.
In 2 cases (As.) diagnosis Diphtheria altered to Diphtheria Carrier.
In 1 case (Eur.) diagnosis Encephalitis altered to Toxaemia.
In 1 case (Eur.) diagnosis Glandular Fever altered to German Measles.
In 1 case (Eur.) diagnosis Meningitis altered to Influenza.
In 1 case (Col.) diagnosis Measles altered to Rubella.
In 1 case (Eur.) diagnosis Mumps altered to Cervical Adenitis.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Influenza.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Otorrhoea and Paresis of Arm.
In 1 case (Eur.) diagnosis Scarlet Fever altered to Rubella.
In 4 cases (Eur.) diagnosis Scarlet Fever altered to Influenza.
In 1 case (Eur.) diagnosis Pulmonary Tuberculosis altered to Bronchiectasis.
In 1 case (Eur.) diagnosis Typhoid altered to Bacillary Dysentery.
In 2 cases (Eur.) diagnosis Whooping Cough altered to Cough.

OUT-OF-BOROUGH CASES

In 1 case (Nat.) diagnosis Diphtheria altered to Mumps.
In 1 case (As.) diagnosis Diphtheria altered to Thrush.
In 3 cases (Nat.) diagnosis Diphtheria altered to Pharyngitis.
In 5 cases (2 Eur., 3 Nat.) diagnosis Diphtheria altered to Tonsillitis.
In 1 case (Nat.) diagnosis Diphtheria altered to Muscular Spasm.
In 1 case (Nat.) diagnosis Diphtheria altered to Bronchitis and Malnutrition.
In 1 case (Eur.) diagnosis Diphtheria altered to Glandular Fever.
In 1 case (Eur.) diagnosis Diphtheria Carrier altered to Pharyngitis.
In 1 case (Eur.) diagnosis Meningitis altered to Follicular Tonsillitis.
In 1 case (Eur.) diagnosis Meningitis altered to Shigella Infection.
In 1 case (Eur.) diagnosis Measles altered to Broncho-Pneumonia.
In 1 case (Nat.) diagnosis Measles and Broncho-Pneumonia altered to Measles and P.T.B.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Fibrositis.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Bronchitis.
In 1 case (As.) diagnosis Poliomyelitis altered to Tetany.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Tonsillitis.
In 1 case (Nat.) diagnosis Whooping Cough altered to Gastro-Enteritis.
In 1 case (Nat.) diagnosis Whooping Cough altered to Broncho-Pneumonia.
In 1 case (Nat.) diagnosis Whooping Cough altered to Gastro-Enteritis and Malnutrition.

INFANT WELFARE

1. INFANT CLINICS

	European	Native	Coloured	Asiatic
NEW CASES:				
Under 1 Year	603	691	165	552
Over 1 Year	19	26	2	9
ATTENDANCES:				
Under 1 Year	7,012	5,894	1,555	6,575
Over 1 Year	786	1,514	497	1,098
TOTAL :	7,798	7,408	2,052	7,673
Number on Register	964	1,017	390	1,121
Average Attendance per person	8.1	7.3	5.3	6.8

2. HOME VISITS

	European	Native	Coloured	Asiatic	Total
Ante-Natal	-	210	-	69	279
First Visits-(Notified Births)	732	426	140	672	1,970
Re-visits - under 1 year	780	1,582	662	522	3,546
Re-visits - over 1 year	418	1,642	1,146	2,562	5,768
Infectious Disease (Non-T.B.)	166	11	3	13	193
Protected Infants	- -	12	-	5	17
Pediculosis and Scabies Visits	0	1	0	0	1
Infantile Mortality Visits	11	70	2	28	111
Nursing Home and Day Nursery Inspections	3	0	0	0	3
Housing Investigations	0	0	0	0	0
Other Home Visits	34	26	5	0	65
TOTAL :	2,144	3,980	1,958	3,871	11,953

3. MILK DISTRIBUTED

	European	Native	Coloured	Asiatic	Total
Fresh - Pints	3,454	11,444	3,790	12,361	31,049
Dried - lbs.	38	728	172	1,356	2,294

FOODSTUFFS

SAMPLES TAKEN AND SUBMITTED FOR ANALYSIS

1. MILK.

(a) Bacteriological Examination.

Samples with less than 30,000 bacteria per c.c.	:	46 (inc. 3 Pasteurised).
Samples with between 30,000 and 200,000 bacteria per c.c.	:	24 (inc. 2 Pasteurised).
Samples with more than 200,000 bacteria per c.c.	:	11 (inc. 1 Pasteurised).
TOTAL	:	71 (inc. 6 Pasteurised).
Samples with B. Coli present in 1/100 c.c. or less	:	68 (inc. 3 Pasteurised).
Samples with B. Coli present in 1/10 but not in 1/100 c.c.	:	32 (inc. 3 Pasteurised).
Samples with B. Coli absent in 1/10 c.c.	:	30 (inc. 5 Pasteurised).
TOTAL	:	130 (inc. 11 Pasteurised).

(b) Chemical Examination (By Government Analyst).

Samples with Solids-Not-Fat 8.5% and over	:	41
Samples with Solids-Not-Fat over 8% and under 8.5%	:	0
Samples with Solids-Not-Fat below 8%	:	2
Sample container broken on arrival	:	1
TOTAL	:	44
Samples with Butter Fat 3% and over	:	42
Samples with Butter Fat under 3%	:	1
Sample container broken on arrival	:	1
TOTAL	:	44

(c) Phosphatase Testing of Pasteurised Milk.

Samples sufficiently heat treated	:	506
Samples not sufficiently heat treated	:	7
TOTAL	:	513

2. ICE CREAM.

Samples of Ice Cream conforming to standard	:	4
Samples of Ice Cream not conforming to standard	:	0
TOTAL	:	4

3. SAUSAGE.

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

4. MINCE MEAT.

Samples of Mince Meat conforming to standard	:	12
Samples of Mince Meat not conforming to standard	:	0
TOTAL	:	12

5. BOEREWORS.

Samples of Boerewors conforming to standard	:	1
Samples of Boerewors not conforming to standard	:	0
TOTAL	:	1

6. CREAM. ..... /

FOODSTUFFS Cont'd.

6. CREAM.

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

7. 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.	Highly satisfactory 0	174
Class II.	Satisfactory 1-2	14 (faecal)
Class III.	Suspicious 3-10	5 (3 faecal)
Class IV.	Unsatisfactory.Over 10	0
	TOTAL :	193

MUNICIPAL SWIMMING BATHS

Probable No. of Organisms in 100 c.c.		
Class I.	Highly satisfactory 0	2
Class II.	Satisfactory 1-2	2
Class III.	Suspicious 3-10	0
	TOTAL :	4

OTHER SWIMMING BATHS

Probable No. of Organisms in 100 c.c.		
Class I.	Highly satisfactory 0	5
Class III.	Suspicious 3-10	1
Class IV.	Unsatisfactory.Over 10	2 (faecal)
	TOTAL :	8

BOREHOLES

Class I.	Highly satisfactory 0	13
Class II.	Satisfactory 1-2	1
Class III.	Suspicious 3-10	2 (1 faecal)
	TOTAL :	16

RAW RIVER WATERS

Class I.	Highly Satisfactory 0	3
Class II.	Satisfactory 1-2	1
Class III.	Suspicious 3-10	4 (3 faecal)
Class IV.	Unsatisfactory.Over 10	30 (all faecal)
	TOTAL :	38

RAIN WATER TANKS

Class I.	Highly satisfactory 0	1
	TOTAL :	1

OTHER SAMPLES

Class I.	Highly satisfactory 0	2
Class IV.	Unsatisfactory.Over 10	7 (all faecal)
	TOTAL :	9

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	3 trays
All spice	3 tins
Anchovies	2 tins
Bingo	1 tin
Biscuits	7 packets
Boer Meal	150 lbs.
Beans - Green	40 pockets
Biltong	86 pkts., 3 jars
Bread rolls	6
Butter	10 lbs.
Bacon	5 lbs.
Cakes	6 5/12 doz.
Cake meal	43 pkts. x 1 lb.
Cake, colouring	1 bottle
Cake, flavouring	5 bottles
Curry Powder	1 pkt.
Chutney	13 bottles
Cocoa	5 tins
Coffee	2½ lbs.
Cornflour	2 pkts.
Cream of Tartar	22 pkts.
Carrots	7 bags
Cassia	1 tin
Cereals	36 pkts., 15 cartons
Cucumbers	13 pockets
Cabbages	21 bags
Coriander	3 tins
Custard Powder	2 lbs.
Cauliflower	7 bags
Dholl	½ bag
Dog cubes	3 lbs.
Dripping	1 lb.
Fowls	11
Fish (Kippers)	13 pkts.
Fish (salted snoek)	42 lbs.
Fish Paste	140 jars
Fish, tinned	1291 tins
Fruit (tinned)	507 tins
Fruit Juices	58 tins
Flour	22 lbs.
Fruit Mince	2 bottles
Fruit, Dried	77 lbs.
Fruit, Glace	109 pkts., 1 tin
Fruit, Squash	90 bottles
Fruit, Sauce	2 bottles
Farfel	16 pkts.
Fray Bentos	1 bottle
Grapes	1 box
Ginger Beer	28 bottles
Ginger, preserved	1 bottle
Honey	1 bottle

Ice Cream ...../

FOODSTUFFS CONDEMNED Cont'd.

Ice Cream Powder	2 pkts.
Instant Postum	13 bottles
Icing Sugar	6 pkts.
Instant Puddings	18 pkts.
Jam	573 tins
Jelly Powder	14 pkts.
Kool Aid	152 pkts.
Lemons	152 pkts.
Lemon Curd	16 jars
Mayonnaise	198 bottles
Meat (tinned)	198 tins
Milk (condensed)	8 tins
Milkshake (mix)	1 bottle
Macaroni	1 pkt.
Maltabella	24 pkts.
Meat (extract)	3 jars, 2 tins
Meat (paste & spreads)	68 jars & tins
Meat Pies, pasties	43
Mealie Meal	245 lbs.
Matzo Meal	16 lbs.
Maizena	2 pkts.
Mushrooms	30 tins
Mushroom soup	6 tins
Marrows	12 pkts.
Mace	3 pkts.
Mustard	1 bottle
Nutrine	14 tins
Nutmeg	2 oz.
Oats	90 lbs.
Paw-paws	58 trays
Plums	95 half-lugs
Pearl Barley	2 pkts.
Pea Flour	1 lb.
Peas (split)	2 lbs.
Peas	25 pockets
Peanuts	70½ lbs.
Pickles	33 bottles
Peanut Butter	8 bottles
Potatoes	1 bag, 72 pockets
Pepper	5 tins
Rice	31 lbs.
Raisins	3 lbs.
Raisins and Nuts	218 lbs.
Sage	1 bottle
Sago	1 oz.
Salad Whip	6 bottles
Sausages	3 lbs.
Sponspek	36 boxes
Spaghetti	4 pkts., 6 tins
Syrup	2 tins
Salt	36 lbs.
Sandwich and assorted spreads	26 jars
Sauce	5 bottles
Sugar	152½ lbs., 1 box
Soups	3 pkts., 1 tin

Tea ...../

FOODSTUFFS CONDEMNED Cont'd.

Tea	1¼ lbs.
Tomato Sauce	49 bottles, 8 jars
Tomato Paste	9 tins
Tomato Juice	10 tins
Tomatoes	208 trays
Unlabelled Packages	102 tins, 4 bottles
Vegetable (tinned and soups)	332 tins, 222 bottles
Watermelons	736
Walnuts	2 boxes
Xmas Puddings	7 tins
Yeast	7 pkts.

ABATTOIR

1. ANIMALS SLAUGHTERED:

Cattle	:	15,227
Calves	:	3,510
Sheep	:	51,564
Pigs	:	4,858
Goats	:	82
TOTAL	:	74,241

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS:

Quarters of Beef	:	6,695
Carcases Mutton	:	2,349
Carcases Pork	:	-
Offal - lbs.	:	2,122

3. INCIDENCE OF CERTAIN DISEASES:

	Carcases Examined	% Infected	Carcases Condemned	% Condemned
CATTLE - "Measles" (Cysticercus Bovis)	15,227	5.54%	172	1.13%
CALVES - "Measles" (Cysticercus Bovis)	2,510	5.30%	59	2.35%
PIGS - "Measles" (Cysticercus Cellulosae)	4,858	0.98%	41	0.84%
CATTLE - Tuberculosis	15,227	0.2%	20	0.13%
CALVES - Tuberculosis	2,510	-	-	-
PIGS - Tuberculosis	4,858	2.4%	-	-

4. SUMMARY OF MEAT CONDEMNED:

	Carcases	Approx. Weight
BEEF:	280	133,025 lbs.
BEEF: Portions of Carcases, Organs, etc.	-	9,250 lbs.
VEAL:	114	5,035 lbs.
VEAL: Portions of Carcases, Organs, etc.	-	-
PORK:	61	8,640 lbs.
PORK: Organs, etc.	-	1,405 lbs.
MUTTON:	73	2,257 lbs.
MUTTON: Organs, etc.	-	-
GOAT:	-	
GOAT: Organs, etc.	-	-
		425,446 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	94		3,760						
Anaemia (Veal)		1							
Anthrax									
Bruising - Beef		20	4,865		3			3	
Bruising - Veal		1							
Bruising & Fevered - Beef		3			1			16	
Bruising & Fevered - Veal		1							
Decomposition									
Dropsy									
Emaciation - Beef		19			1			24	
Emaciation - Veal		17							
Emphysema		1							
Fevered - Beef		10			2			10	
Fevered - Veal									
Gall Sickness		1							
Gall Sickness - Veal		1							
Immaturity - Veal		3							
Jaundice		2						3	
Jaundice - Veal		6							
Lumpy Skin									
Lumpy Skin - Veal									
Lymphadenitis								13	
Malignant Tumours		10						1	
Mammitis		3							
Measles	1,243	172		48	41				
Measles - Veal	163	59							
Melanosis - Veal		1							
Nephritis									
Nephritis - Veal		1							
Nephritis - Septic									
Oedema		1			1				
Oedema - Veal		2							
Pericarditis		1							
Pericarditis - Veal									
Peritonitis		5			2				
Peritonitis - Veal									
Pneumonia - Septic		7			3			1	
Pneumonia - " Veal		5							
Pyaemia		5						2	
Pyaemia - Veal		7							
Sarcocysts		2			5				
Septicaemia					1				
Septicaemia - Veal									
Septic Nutritis		2			1				
Stilesia, Hepatica, Fluke) Modular Worm, Abscesses) - Veal			35,510 204			1,878			146,240
Toxaemia		3							
Toxaemia - Veal		1							
Tuberculosis	31	20	625	115		1,405			
Urticaria									
Unidentified		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	3	147	59	17	23	276	387	54	8	364	269	175	44	-	-	24
Applications Approved	3	141	52	15	16	253	344	50	6	334	246	173	34	-	-	20
Applications Approved Subject to Requirements	-	4	3	2	4	15	24	1	1	16	10	-	5	-	-	3
Applications Disapproved	-	1	2	-	-	3	4	-	1	2	-	-	2	-	-	1
Applications Withdrawn	-	1	2	-	3	5	15	3	-	12	13	2	3	-	-	-

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

(2) Applications dealt with under Urban Areas Act.

Applications Received	220
Applications Returned "Not in Order"	10
Applications Returned with requirements	34
Applications Approved for Temporary Licence	1
Applications Withdrawn	4

SANITATION

Total of Inspections (General) carried out	14,851
Total of Rodent Inspections	1,776
Total of Notices and letters served re Contravention of By-Laws	3,396

INSPECTIONS (GENERAL) GIVEN IN DETAIL

1.	Public Markets	276
2.	Butchers' Shops	103
3.	Dealers and General Dealers (Food)	617
4.	Dealers and General Dealers (No Food)	161
5.	Fish and Poultry Shops	44
6.	Food Sampling	619
7.	Condemnation of Foodstuffs	31
8.	Bakehouses	19
9.	Milkshops (Purveyors of Milk)	155
10.	Ice Cream (Distributors and Manufacturers of)	16
11.	Tea Shops, Cafes, Restaurants and Eating Houses	539
12.	Residential Hotels, Boarding Houses	86
13.	Aerated Water Manufacturers	4
14.	Other places where food is manufactured	8
15.	Hawkers' Premises	153
16.	Hawkers' Carts	62
17.	Butchers' Carts and Carriers	30
18.	Milk Delivery Carts and Ice Cream Carts	8
19.	Milk Depots and Pasteurising Plants	203
20.	Bakers' Carts	4
21.	Theatres and Bioscopes	15
22.	Smoke Nuisance	26
23.	Common Lodging Houses	200
24.	Barracks	196
25.	Native Quarters	230
26.	Structural Defects in Premises	745
27.	Other House Inspections	520
28.	Undrained Premises	61
29.	Hairdressers	66
30.	Laundries	51
	c/forward.	5,248

SANITATION Cont'd.

	b/forward	5,248
31.	Schools	32
32.	Factories and Workshops	21
33.	Builders Yards	9
34.	Wood and Coal Yards	26
35.	Courts, Lanes and Alleys	3
36.	Vacant Ground	249
37.	Piggeries	1
38.	Horse Stables	70
39.	Cowkeepers Premises	58
40.	Dairy Stables and Dairies	613
41.	Hide and Skin Merchants' Premises	18
42.	Poultry Keepers	412
43.	Infectious Diseases Visits	14
44.	Malaria and Mosquito Inspections, etc.	1,112
45.	Malaria--Permanent Works, Drains, Tree Planting, etc.	415
46.	Public Sanitary Conveniences	15
47.	Sanitary Conveniences	205
48.	Septic Tanks, French Drains, etc.	48
49.	Pail Privies	205
50.	Pit Privies	432
51.	Refuse and Refuse Bins	722
52.	Refuse Tips	56
53.	Other Visits	1,069
54.	Premises Fumigated for Vermin	4
55.	Other Visits in Connection with Fumigation	17
56.	Disinfections	-
57.	Disinfection of Bedding and Clothing	3
58.	Rodent Inspections by Rodent Inspector	1,718
59.	Other Rodent Inspections by Health Inspectors	58
60.	Interviews and Complaints	439
	c/forward	13,292

REPORTS ...../

SANITATION Cont'd.

b/forward	13,292

REPORTS FOR TRANSMISSION TO OTHER MUNICIPAL DEPARTMENTS

(1) CITY ENGINEER'S DEPARTMENT.

61.	Blocked Sewers, etc.	29
62.	Street Drains	52
63.	Defective Water Fittings	27
64.	Defective Surface and Waste Water Drains	115
65.	Other Defects	27
66.	Unauthorised Structures	210
67.	Sites, etc. re Plans	899
68.	Water Sampling	4

(2) MUNICIPAL NATIVE ADMINISTRATION DEPARTMENT.

69.	Licensing and Other Inspections of Premises under Urban Areas Act	234

(3) LICENSING DEPARTMENT.

70.	Inspection of Premises re Licence Applications	1,315

(4) GENERAL.

71.	Other transportation trips	423
	TOTAL :	16,627

PROSECUTIONS

Total number of Prosecutions instituted		40
Under Public Health By-Laws (either separately or in conjunction with contraventions of House Drainage; Building; and Sanitary By-Laws)	20	
Under Dairy By-Laws	7	
Under Food, Drugs & Disinfectants Act	2	
Under By-Laws relating to Preparation, Storage & Sale of Foodstuffs	7	
Under Sanitary By-Laws	4	
TOTAL :		40
Total number in which accused found guilty and penalty imposed	31	
Total number found not guilty, complied with, acquitted or withdrawn	9	
No. still pending	0	
TOTAL :		40

CONDEMNED PREMISES

Rooms and Buildings Condemned and/or Demolished

(a) Under Public Health By-Law No. 17: (Demolition Orders)	26
(Of these premises 22 were demolished during the year, and 4 converted to use as storerooms, shed and garage).	
(b) Under Building By-Laws re dilapidated buildings	0
(c) Under Slums Act	0
(d) Voluntary Demolitions	47
TOTAL :	73