CITY OF PIETERMARITZBURG

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

For the Year Ended
31st December, 1959

N.W. LTD. 8404

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, 1959.

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 1959.

Infectious disease figures were much the same as last year, Tuberculosis incidence remaining high in Non-Europeans and actually increasing in Natives, while Poliomyelitis incidence was again very low. Infantile Mortality worsened in Natives and Asiatics, but the unusually high mortality in Natives from Malnutrition was much lower this year. Birth rates and death rates were lower this year in all races.

The Miniature X-ray screening of all Natives at the Pass Office examination produced 3.2% of abnormal chest X-rays.

A further 50 Council houses, completing the first Woodlands Coloured housing scheme, were built. The extension of the slaughter and hanging halls at the Abattoir was completed during the year, the Abattoir experiencing a record year of slaughtering.

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.

Longitude - 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	4.32	81.6	60.6	71.1	80.8%
February	3.55	80.1	63.0	71.8	84.8%
March	2.01	79.5	59.9	69.7	83.7%
April	2.01	82.8	56.6	69.7	84.1%
May	7.47	73.6	44.6	59.1	85.2%
June	-	72.6	37.6	55.1	84.0%
July	0.39	72.2	40.2	56.2	79.8%
August	0.28	74.6	40.7	57.6	75.1%
September	0.90	78.2	46.6	62.4	68.1%
October	1.56	77.6	56.0	66.8	73.5%
November	4.16	78.0	64.2	71.1	76.8%
December	3.82	80.9	59.9	70.4	75.4%
Total	38.28				

AREA OF MUNICIPALITY: 27,715 acres.

Value of Rateable Property: £32,205,330

Exempted Property: £11,554,370

MUNICIPAL RATE: General - Land - 7½d. in £
Buildings - 2¼d. in £

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

Total Expenditure on Public Health Department for year 1958/9 = £36,837, being 7% of the total net maintenance cost of the City.

LEADING VITAL STATISTICS

YEAR ENDING 31st DECEMBER, 1959.

(Average Rate for period 1949 - 1958 in brackets for comparison).

	European	Native	Coloured	Asiatic
OPULATION (Estimated at December 1st, 1959)	39,770	31,300	5,291	32,220
IRTHS REGISTERED IRTH RATE (Per 1,000 Population)	777 19.5 (21.6)	630 15.8 (23.4)	206 38.9 (45.9)	837 25.9 (40.9)
LLEGITIMATE BIRTHS Percentage of total births)	4 0.5% (1.0%)	387 61.4%(46.3%)	27 13.1%(20.5%)	6 0.7% (1.3%)
EATHS RUDE DEATH RATE Corrected for outward transfer)	297 7.5 (9.2)	224 7.2 (10.3)	21 4.0 (11.1)	150 4.6 (7.9)
NFANTILE MORTALITY (Up to 1 year) EATHS ATE (Per 1,000 Births)	16 20.6 (24.0)	95 147.6 (178.6)	5 24.3 (63.7)	34 40.6 (45.1)
EATHS in children from - 4 years (incl.) ATE (Per 1,000 Population)	3 0.08 (0.2)	50 1.6 (1.6)	1 0.2 (0.9)	15 0.5 (0.7)
ESPIRATORY TUBERCULOSIS ode No. 001 - 008. DEATHS ATE (Per 1,000 Population)	1 0.03 (0.1)	9 0.3 (0.9)	0 0 (0.7)	2 0.06 (0.6)
UBERCULOSIS - OTHER FORMS ode Nos. 010 - 019. DEATHS ATE (Per 1,000 Population)	1 0.03 (0.02)	5 0.2 (0.2)	0 0 (0.1)	1 0.03 (0.1)
NTERIC FEVER ode No. 040 - 041. DEATHS ATE (Per 1,000 Population)	0 0 (0.01)	1 0.03(0.05)	0 0 (0)	1 0.03(0.02)
ALIGNANT AND OTHER NEOPLASMS ode Nos. 140 - 239. DEATHS ATE (Per 1,000 Population)	28 0.7 (1.3)	6 0.2 (0.2)	0 0.6 (0.7)	6 0.2 (0.3)
ISEASES OF THE CIRCULATORY SYSTEM ode Nos. 400 - 468. DEATHS ATE (Per 1,000 Population)	101 2.6 (3.6)	14 0.45 (1.1)	1 0.2 (2.2)	23 0.7 (1.6)
RONCHITIS AND PNEUMONIA ode Nos. 490 - 502. DEATHS ATE (Per 1,000 Population)	29 0.7 (0.5)	41 1.3 (1.5)	2 0.4 (1.0)	19 0.6 (1.0)

* (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, 1959, 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	19,050	19,770	2,601	16,160	38,531	57,581
Female	20,720	11,530	2,690	16,060	30,280	51,000
PERSONS	39,770	31,300	5,291	32,220	68,811	108,581

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	396	3	377	1	773	4	777	0.5%	19.5
Native	127	193	116	194	243	387	630	61.4%	15.8
Coloured	88	11	91	16	179	27	206	13.1%	38.9
Asiatic	411	1	420	5	831	6	837	0.7%	25.9
All Non-Eur.	626	205	627	215	1253	420	1673	25.1%	24.3
All Races	1022	208	1004	216	2026	424	2450	17.3%	22.6

(B) NON-RESIDENTS

	Male		Female		Persons			Percentage of Illeg. to all Births
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total	
European	140	1	139	0	279	1	280	0.4%
Native	0	0	0	0	0	0	0	0
Coloured	13	3	5	2	18	5	23	21.7%
Asiatic	15	0	4	0	19	0	19	0
All Non-Eur.	28	3	9	2	37	5	42	11.9%
All Races	168	4	148	2	316	6	322	1.9%

D E A T H S

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	157	8.24	140	6.8	297	7.5
Native	122	6.1	102	8.8	224	7.2
Coloured	11	4.2	10	3.7	21	4.0
Asiatic	91	5.6	59	4.7	150	4.6
ALL NON-EUR.	224	5.8	171	5.6	395	5.7
ALL RACES	381	6.6	311	6.1	692	6.4

DEATHS: (Pages 5 - 7).

Death rates were lower this year in all races.

The death rate for all races was 6.4 as compared with 7.7 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%	(76% last year)
Coloured	:	48%	(46% last year)
Asiatic	:	57%	(53% last year)
All Non-European	:	67%	(67% 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 System disease far outweighs all other causes of death among Europeans. Among Non-Europeans, senility and Gastritis and Enteritis were the main causes of death.

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

ABBREVIATED LIST (6th Decennial Revision of International List).

RESIDENTS ONLY

	European		Native		Coloured		Asiatic		All Non-Europeans		All Races	
B1 Tuberculosis of Respty. System	1	0.03	9	0.3	0	0	2	0.06	11	0.2	12	0.1
B2 Tuberculosis, other forms	1	0.03	5	0.2	0	0	1	0.03	6	0.09	7	0.06
B3 Syphilis & Sequelae	1	0.03	0	0	0	0	0	0	0	0	1	0.01
B4 Typhoid Fever	0	0	1	0.03	0	0	1	0.03	2	0.03	2	0.02
B5 Cholera	0	0	0	0	0	0	0	0	0	0	0	0
B6 Dysentery, all forms	0	0	2	0.06	0	0	0	0	2	0.03	2	0.02
B7 Scarlet Fever & Strep. Sore throat	0	0	0	0	0	0	0	0	0	0	0	0
B8 Diphtheria	3	0.08	0	0	0	0	2	0.06	2	0.03	5	0.05
B9 Whooping Cough	0	0	0	0	0	0	0	0	0	0	0	0
B10 Meningococcal infections	0	0	1	0.03	0	0	0	0	1	0.01	1	0.01
B11 Plague	0	0	0	0	0	0	0	0	0	0	0	0
B12 Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0
B13 Smallpox	0	0	0	0	0	0	0	0	0	0	0	0
B14 Measles	0	0	4	0.13	0	0	0	0	4	0.06	4	0.04
B15 Typhus & other rickettsial diseases	0	0	0	0	0	0	0	0	0	0	0	0
B16 Malaria	0	0	0	0	0	0	0	0	0	0	0	0
B17 Other infective & parasitic diseases	1	0.03	1	0.03	0	0	1	0.03	2	0.03	3	0.03
B18 Malignant Neoplasms	26	0.7	6	0.2	0	0	6	0.2	12	0.2	38	0.4
B19 Benign & unspec. Neoplasms	0	0	0	0	0	0	0	0	0	0	0	0
B20 Diabetes Mellitus	3	0.08	0	0	1	0.2	1	0.03	2	0.03	5	0.05
B21 Anaemias	0	0	0	0	1	0.2	2	0.06	3	0.04	3	0.03
B22 Vascr. lesions of C.N.S.	32	0.8	5	0.2	0	0	9	0.3	14	0.2	46	0.4
B23 Non Meningococcal Mgts.	4	0.1	1	0.03	0	0	2	0.06	3	0.04	7	0.06
B24 Rheumatic Fever	0	0	0	0	0	0	0	0	0	0	0	0
B25 Chronic Rheumatic heart disease	6	0.15	1	0.03	1	0.2	3	0.09	5	0.07	11	0.1
B26 Arteriosclerotic & Degtve. heart disease	70	1.8	5	0.2	0	0	11	0.34	16	0.2	86	0.8
B27 Other diseases of heart	3	0.03	4	0.13	0	0	6	0.19	10	0.15	13	0.1
B28 Hypertension with heart disease	9	0.2	2	0.06	0	0	3	0.09	5	0.07	14	0.1
B29 Hypertension without mention of heart	1	0.03	0	0	0	0	0	0	0	0	1	0.01
B30 Influenza	0	0	0	0	0	0	2	0.06	2	0.03	2	0.02
B31 Pneumonia	29	0.7	40	1.3	1	0.2	18	0.6	23	0.3	52	0.5
B32 Bronchitis	0	0	1	0.03	1	0.2	1	0.03	3	0.04	3	0.4
B33 Ulcer of Stomach & Duodenum	1	0.03	0	0	0	0	2	0.06	2	0.03	3	0.03
B34 Appendicitis	0	0	0	0	0	0	0	0	0	0	0	0
B35 Intestinal obstruction & hernia	0	0	0	0	0	0	0	0	0	0	0	0
B36 Gastritis, enteritis, Exc. of newborn	0	0	40	1.3	1	0.2	8	0.2	49	0.7	49	0.5
B37 Cirrhosis of liver	3	0.08	0	0	0	0	1	0.03	1	0.01	4	0.04
B38 Nephritis & Nephrosis	0	0	2	0.06	0	0	3	0.09	5	0.07	5	0.05
B39 Hyperplasia of Prostate	1	0.03	0	0	0	0	1	0.03	1	0.01	2	0.02
B40 Complicns. of pregnancy, childbirth & puerperium	0	0	1	0.03	0	0	0	0	1	0.01	1	0.01
B41 Congenital Malformns.	0	0	0	0	0	0	1	0.03	1	0.01	1	0.01
B42 Birth injuries, atelectasis, etc.	2	0.05	6	0.2	0	0	4	0.12	10	0.15	12	0.1
B43 Infections of newborn	0	0	3	0.09	0	0	1	0.03	4	0.06	4	0.04
B44 Other diseases of early infancy & immaturity	10	0.25	18	0.6	2	0.4	9	0.3	29	0.4	39	0.4
B45 Senility, without psychosis	39	0.98	28	0.9	10	1.9	28	0.9	66	1.0	105	1.0
B46 All other diseases	34	0.86	27	0.9	1	0.2	6	0.2	34	0.5	68	0.6
B47 Motor vehicle accidents	7	0.18	5	0.2	1	0.2	5	0.18	11	0.16	18	0.2
B48 All other accidents	5	0.13	3	0.1	1	0.2	8	0.2	12	0.17	17	0.2
B49 Suicide	5	0.13	1	0.03	0	0	2	0.06	3	0.04	8	0.07
B50 Homicide & war	0	0	2	0.06	0	0	0	0	2	0.03	2	0.02
TOTAL	297	7.5	224	7.2	21	4.0	150	4.6	395	5.7	692	6.4

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, 1959	19	15	34	12	14	26	-	1	1	9	3	12	21	18	39
February	7	12	19	23	19	42	2	1	3	10	7	17	35	27	62
March	12	5	17	19	8	27	-	-	-	5	5	10	24	13	37
April	10	12	22	11	7	18	2	1	3	5	6	11	18	14	32
May	20	13	33	5	10	15	1	-	1	4	4	8	10	14	24
June	11	10	21	-	1	1	-	1	1	8	4	12	8	6	14
July	11	16	27	10	9	19	1	-	1	10	4	14	21	13	34
August	16	17	33	15	8	23	1	1	2	10	4	14	26	13	39
September	14	9	23	6	10	16	-	-	-	3	1	4	9	11	20
October	11	11	22	11	9	20	-	2	2	11	7	18	22	18	40
November	9	14	23	5	5	10	2	-	2	8	10	18	15	15	30
December	17	6	23	5	2	7	2	3	5	8	4	12	15	9	24
TOTAL :	157	140	297	122	102	224	11	10	21	91	59	150	224	171	395

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.	12	4	16	50	43	93	3	2	5	20	14	34	73	60	133
1 - 2 yrs.	1	0	1	19	20	39	0	1	1	2	6	8	21	26	47
2 - 4 yrs.	0	2	2	8	3	11	0	0	0	6	1	7	14	4	18
5 - 14 yrs.	2	2	4	2	0	2	1	0	1	6	2	8	9	2	11
15 - 24 yrs.	3	1	4	4	3	7	0	0	0	6	7	13	10	10	20
25 - 34 yrs.	7	0	7	2	2	4	1	1	2	4	4	8	7	7	14
35 - 44 yrs.	7	6	13	11	3	14	0	1	1	4	3	7	15	7	22
TOTAL 0 - 44 yrs.	32	15	47	96	74	170	5	5	10	48	37	85	149	116	265
45 - 54 yrs.	25	10	35	9	7	16	0	1	1	6	4	10	15	12	27
55 - 64 yrs.	20	13	33	9	10	19	1	2	3	7	4	11	17	16	33
65 - 74 yrs.	33	36	69	5	7	12	2	1	3	16	5	21	23	13	36
75 and Over	47	66	113	3	4	7	3	1	4	14	9	23	20	14	34
TOTAL :	157	140	297	122	102	224	11	10	21	91	59	150	224	171	395

(1) Vital Statistics continued.

SUMMARY OF CAUSES OF DEATH

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

RESIDENTS ONLY

	European	Native	Coloured	Asiatic
Tuberculosis	2 : 0.7%	14 : 6.3%	0 : 0%	3 : 2%
Syphilis & other Venereal Diseases	1 : 0.3%	0 : 0%	0 : 0%	0 : 0%
Diseases attributable to Viruses	1 : 0.3%	4 : 1.8%	0 : 0%	1 : 0.7%
Infectious disease of intestinal tract and other bacterial diseases	3 : 1.0%	5 : 2.2%	0 : 0%	3 : 2%
Malignant Neoplasms	26 : 8.8%	6 : 2.7%	0 : 0%	6 : 4%
Diabetes	3 : 1.0%	0 : 0%	1 : 4.8%	1 : 0.7%
Vascular lesions affecting C.N.S.	32 : 10.8%	5 : 2.2%	0 : 0%	9 : 6%
Cardiac Diseases and other diseases of Circulatory System	101 : 34%	14 : 6.3%	1 : 4.8%	23 : 15.3%
Respiratory Diseases (non-tuberculous)	34 : 11.4%	44 : 19.6%	3 : 14.3%	23 : 15.3%
Gastro-enteritis and Colitis (age 4 weeks and over)	0 : 0%	40 : 17.9%	1 : 4.8%	8 : 5.3%
Other diseases of Digestive System	8 : 2.7%	3 : 1.3%	0 : 0%	3 : 2%
Nephritis and Nephrosis	0 : 0%	2 : 0.9%	0 : 0%	3 : 2%
Congenital Malformations	0 : 0%	0 : 0%	0 : 0%	1 : 0.7%
Certain diseases of early infancy	12 : 4%	27 : 12.1%	2 : 9.5%	14 : 9.3%
Senility	39 : 13.1%	28 : 12.5%	10 : 47.6%	28 : 18.7%
Accidents, violence, poisoning.	17 : 5.7%	11 : 4.9%	2 : 9.5%	15 : 10%
Other causes	18 : 6.1%	21 : 9.4%	1 : 4.7%	9 : 6%
TOTAL DEATHS :	297 :	224 :	21 :	150 :

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	2 (0.05)	5 (0.2)	3 (0.6)	0	8 (0.1)	10 (0.1)
Pulmonary Tuberculosis	9 (0.2)	97 (3.1)	6 (1.1)	21 (0.7)	124 (1.8)	133 (1.2)
Tuberculosis - Other Forms	0	3 (0.1)	1 (0.2)	3 (0.1)	7 (0.1)	7 (0.6)
Scarlet Fever	53 (1.3)	0	0	0	0	53 (0.5)
Erysipelas	1 (0.03)	0	1 (0.2)	0	1 (0.01)	2 (0.02)
Puerperal Sepsis	2 (0.05)	0	0	5 (0.2)	5 (0.1)	7 (0.06)
Trachoma	0	0	0	0	0	0
Diphtheria	20 (0.5)	2 (0.06)	0	5 (0.2)	27 (0.1)	27 (0.2)
Diphtheria Carriers	6 (0.2)	0	0	0	0	6 (0.06)
Cerebrospinal Fever	2 (0.05)	1 (0.03)	0	0	1 (0.01)	3 (0.03)
Anterior Poliomyelitis (Paralytic)	0	0	2 (0.4)	0	2 (0.03)	2 (0.02)
Anterior Poliomyelitis (Non-Paralytic)	2 (0.05)	0	0	0	0	2 (0.02)
Encephalitis	7 (0.2)	0	0	0	0	7 (0.06)
Leprosy	0	1 (0.03)	0	1 (0.03)	2 (0.03)	2 (0.02)
Opthalmia Neonatorum	0	3 (0.1)	0	1 (0.03)	4 (0.06)	4 (0.04)
Gonorrhoeal Ophthalmia	0	0	0	0	0	0
TOTAL :	104 (2.6)	112 (3.6)	13 (2.5)	35 (1.1)	161 (2.3)	265 (2.4)

(2) INFECTIOUS DISEASE

There were 265 notifications of infectious disease as compared with 261 in 1958. (See page 8).

ISOLATION HOSPITAL (EUROPEAN INFECTIOUS DISEASE) (Page 52).

Altogether 202 patients were admitted during the year 1959, 161 Borough and 41 Out-of-Borough. Figures for previous years were:-

1958 : 184; 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.

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 52).

Admissions during 1959 totalled 384, 126 Borough and 258 Out-of-Borough cases, a small decrease on last year's total of 400. Admissions during previous years have been as follows:-

1958 : 400; 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.

AMBULANCE.

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

1) Total number of cases removed : 4,416.

2) Infectious cases removed : 719.

LABORATORY WORK.

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

Swabs for Diphtheria Bacilli	389
Swabs for Haemolytic Streptococci	231
Smears and swabs for Gonococcus, organisms, etc.	7
Cerebro-spinal Fluids	44
Blood (Vi, Sugar and other examinations)	0
Blood (Counts, Smears)	7
Cough Plates	0
Sputum and Pleural Fluids (T.B. etc.)	1
Stools (Parasites, T.B., S. Typhi, etc.)	26
Urines (Chemical, microscopic, diastatic index, etc.)	10
Milk - for Bacterial Count	100
Milk - Phosphatase Test	230
	1,045

Laboratory ...../

LABORATORY WORK Cont'd.

Laboratory work done by Municipal Bio-Chemist:

Milk - for Phosphatase Test 125
Water - for Bacteriological Count 75

Work done in Departmental Laboratory:-

No. of Mosquito larvae examined	:	571
No. of Mosquito adults examined	:	0
No. of Snails examined	:	486
No. of Physopsis identified	:	41

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) 142
Successful Vaccinations (over 2) 29
Insusceptible to Vaccination (under 2) 6
Insusceptible to Vaccination (over 2) 3
Exempted from Vaccination 1

The number of vaccinations carried out by this Department at its Clinics during this period was 1,535 (Eur. 376; Nat. 129; Col. 174; As. 856).

(c) DIPHTHERIA.

The total number of cases notified in 1959 was 33 (including 6 "carriers"), as compared with 30 last year, and 3 Europeans and 2 Asiatics died from this disease. All the deaths occurred in non-immunised children.

The immunisation history in 26 known cases (confirmed by Virulence tests) admitted to our hospitals during 1959 was as follows:-

Immunised	Non-Immunised
Total cases : 4 (3 Eur.; 1 Non-Eur.)	Total cases : 22 (3 Eur.; 19 Non-Eur.)
Deaths : Nil	Deaths : 8 (1 Eur.; 7 Non-Eur.)

2,254 Immunisation courses against Diphtheria were completed at the Infant Clinic Sessions (an increase on last year's figure of 1,360. (Eur. 753, Nat. 258; Col. 265; As. 978).

Race ...../

DIPHTHERIA Cont'd.

Race	Pre-Inoculation Schick Tests	No. Positive	Post-Inoculation Schick Tests	No. Positive
European	5	-	15	0
Native	-	-	-	0
Coloured	9	-	1	-
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
,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	-
,1954- Dec.,1954	1019	660	14	-	914	154	8	2	265	252	-	-	1200	698	8	2
, - Dec., 1955	664	610	*17	1	1114	347	6	1	174	203	2	-	686	1333	9	1
- " 1956	685	398	°22	2	1101	257	6	1	170	156	1	-	790	632	2	-
- " 1957	701	371	19	1	874	123	-7	1	179	177	-	-	788	838	3	1
- " 1958	798	367	9	-	669	172	-11	5	217	143	°5	-	779	678	5	2
- " 1959	777	753	"26	3	630	258	2	-	206	265	0	-	837	978	5	2

* Includes 8 carriers.
° Includes 2 carriers.
\- Includes 1 carrier.
" Includes 6 carriers.

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.

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

(e) CEREBRO-SPINAL MENINGITIS. ...../

(e) CEREBRO-SPINAL MENINGITIS.

3 Cases were notified during the year, as compared with 1 last year.

(f) ANTERIOR POLIOMYELITIS.

Only 4 Cases (2 Eur. and 2 Col.) were notified this year, exactly the same totals as last year. There were no deaths amongst these cases. Both of the European cases were non-paretic.

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 1959 this Department administered the following Anti-Poliomyelitis inoculations:-

	First Inoculations	Second Inoculations	Third Inoculations	Fourth Inoculations	Total
Europeans	1,912	2,571	1,735	630	6,848
Natives	135	52	20	-	207
Coloureds	475	369	371	21	1,236
Asiatics	935	738	564	21	2,258
TOTAL :	3,457	3,730	2,690	672	10,549

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;	1959 - 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) ENCEPHALITIS.

7 European cases of Infective Encephalitis were notified (as compared with 3 last year). In addition, cases of Influenzal Encephalitis (3 inc. 2 from Out-of-Borough), Mumps Encephalitis (2), Measles Encephalitis (1), and Chicken Pox Encephalitis (1 Out-of-Borough) were admitted to the Isolation Hospital.

(h) ENTERIC FEVER.

10 Cases were notified, 2 European, 5 Native and 3 Coloured, as compared with 6 cases last year.

141 Persons were immunised (81 Europeans, 51 Natives, 3 Coloureds, 6 Asiatics), contacts of patients suffering from Typhoid Fever. (See also page 21, 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. (8 Europeans, 114 Natives, 146 Asiatics).

(3) TUBERCULOSIS. (Pages 35-36).

Notifications of Pulmonary Tuberculosis totalled 133, a small increase on last year's total of 130, 9 of these being of Europeans. Notifications of Non-Pulmonary Tuberculosis totalled 7 (all Non-European), as compared with 8 last year.

67 Borough ..../

TUBERCULOSIS Cont'd.

67 Borough cases (50 Natives, 8 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. 1; Col. 2.
King George V / Springfield Hosp.	:	Eur. 7; Nat. 1; As. 4.
Edendale Non-European Hospital	:	Nat. 21; As. 2.
Lillishall Convalescent Hospital	:	Eur. 2.
F.O.S.A., Durban	:	As. 1.
Other Hospitals	:	Eur. 0; Nat. 6.

The Natal Anti-Tuberculosis Association rendered assistance to 30 families in Pietermaritzburg (4 European, 18 Native, 7 Coloured and 1 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 1934-1959:-

PULMONARY TUBERCULOSIS

YEAR	NOTIFICATIONS						DEATHS					
	Eur.	Nat.	Col.	As.	All Non-Eur.	Total	Eur.	Nat.	Col.	As.	All Non-Eur.	Total
,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
,1954-Dec.,1954	20	44	5	12	61	81	3	6	2	5	13	16
, - 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
- " 1959	9	97	6	21	124	133	1	9	0	2	11	12

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

NON-PULMONARY TUBERCULOSIS ...../

(3) TUBERCULOSIS Cont'd.

NON-PULMONARY TUBERCULOSIS

YEAR	NOTIFICATIONS						DEATHS					
	Eur.	Nat.	Col.	As.	All Non-Eur.	Total	Eur.	Nat.	Col.	As.	All Non-Eur.	Total
uly,1934-June,1935	1	4	0	3	7	8	2	6	0	1	7	9
" 1935- " 1936	3	3	1	6	10	13	1	2	0	2	4	5
" 1936- " 1937	2	8	0	5	13	15	1	4	0	3	7	8
" 1937- " 1938	5	10	3	6	19	24	3	1	2	3	6	9
" 1938- " 1939	1	3	0	3	6	7	0	2	0	2	4	4
" 1939- " 1940	2	3	1	3	7	9	1	2	1	0	3	4
" 1940- " 1941	3	2	0	3	5	8	2	1	0	0	1	3
" 1941- " 1942	2	7	2	7	16	18	1	3	1	3	7	8
" 1942- " 1943	1	3	4	2	9	10	1	1	1	3	5	6
" 1943- " 1944	1	4	0	3	7	8	0	5	1	3	9	9
" 1944- " 1945	2	6	1	8	15	17	0	3	2	5	10	10
" 1945- " 1946	1	5	3	3	11	12	1	4	1	3	8	9
" 1946- " 1947	1	8	3	2	13	14	0	11	3	3	17	17
" 1947- " 1948	*5	9	1	4	14	19	1	8	1	2	11	12
" 1948- " 1949	0	7	0	7	14	14	1	7	1	2	10	11
" 1949- " 1950	0	12	2	10	24	24	1	3	1	2	6	7
" 1950- " 1951	1	10	3	12	25	26	0	6	1	2	9	9
" 1951- " 1952	0	7	1	9	17	17	1	2	0	1	3	4
" 1952- " 1953	1	6	0	4	10	11	0	7	1	1	9	9
an.,1954-Dec.,1954	1	7	0	5	12	13	0	2	0	3	5	5
an., -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
" - " 1959	0	3	1	3	7	7	1	3	0	1	4	5

* Includes 1 case also notified as Pulmonary Tuberculosis.

There was an improvement in the European notifications of this disease this year, while the Non-European total rose slightly. The death rate was much lower this year. Approximately 27½% of the total expenditure by this Department was 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 42 for detailed breakdown of these figures).

	European	N-European	Total
Referred ex Native Pass Office med. exam.	-	11,038	11,038
Referred for Pre-employment X-Ray	100	448	548
Referred by Employers	186	1,384	1,570
Referred by Doctors	286	1,077	1,363
Referred by Health Visitor	165	522	687
Applied Voluntarily for Miniature X-Ray	426	234	660
Follow-up X-Rays of cases attending Municipal Clinics or in T.B. or other Hospitals	66	745	811
Total Persons X-Rayed	1,229	15,448	16,677

The ..../

(3) TUBERCULOSIS Cont'd.

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.	4	73	77
Arrested cases of Pulmonary T.B.	2	59	61

With the Miniature X-Ray plant available, contact examination at the T.B. Clinic has been reduced considerably, as a routine Miniature X-Ray of all contacts is now taken and only when abnormalities are noted are the contacts referred for closer investigation at the Clinic. Routine follow-up X-Rays of T.B. patients at the Clinics and our hospitals are to a large extent being done by this Miniature plant with an occasional large plate for confirmation.

All Natives passing through the Municipal Registration Medical Examination have a Miniature X-Ray as a routine. This year's figures show that 355 out of a total of 11,033 Natives (i.e. 3.2%) were referred from the Pass Office for further investigation at the T.B. Clinic. The total of Miniature X-Rays this year was much lower than last year as the plant was out of commission for quite a while.

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 2,570 attendances at the Clinic (including 1,242 Out-of-Borough cases), as compared with last year's total of 2,043. 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 11 European, 67 Native, 13 Coloured and 27 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, 2 Natives and 5 Asiatics being dealt with in this way. 2 European patients and 1 Asiatic patient have been treated at home.

3,030 Visits were made to tuberculotics and contacts in their homes, (Borough cases only), as compared with last year's total of 4,252.

The following notified cases were on our Tuberculosis Register as at 31st December, 1959. (1958 figures in brackets for comparison):-

	Eur.	Nat.	Col.	As.	All N-Eur.	Total
Pulm. T.B.	109 (101)	500 (401)	70 (57)	206 (209)	776 (667)	885(768)
N-Pulm. T.B.	7 (9)	21 (14)	6 (3)	33 (30)	60 (47)	67 (56)

The Pietermaritzburg Tuberculosis Hospital : (Non-European only).

Admissions totalled 165, 67 Borough cases (50 Native, 8 Coloured and 9 Asiatic) and 98 Out-of-Borough cases (90 Native, 3 Coloured and 5 Asiatic).

1947-1948 ..../

(3) TUBERCULOSIS Cont'd.

1947-1948	Annual Admission Rate per Bed	3.1 patients
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 "
1959	" " " " " "	2.5 "

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 45-51).

(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 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, 1949 - June, 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%
" 1959 - " 1959	291	2.8%	-	-	156	9.6%	725	5%

* 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 .....

(4) VENEREAL DISEASE Cont'd.

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

No. of Tests : 131. WRs. Positive : 10 (7.6%)

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

	EUROPEAN				NATIVE				COLOURED				ASIATIC			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
949-50	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
950-51	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
951-52	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
952-53	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
954	2.1	-	0.3	-	3.8	3.6	2.8	2.6	3.8	2.2	-	10.2	3.0	2.4	-	9.3
955	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
956	2.5	3.3	0	0	3.7	4.4	2	2.6	3.7	4.4	1	2.7	2.5	2.6	-	-
957	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
958	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
959	2.3	3.4	0	0	3.0	4.0	1.7	2.7	1.9	3.4	1	1	2.1	4.7	1	3.5

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

(g) There was a small increase in Clinic Attendances for 1959, there being 3,210 attendances during the year as compared with last year's total of 3,463. 412 Home Visits were paid to cases of Venereal Disease, as compared with the 1958 total of 1,439. The low figure was due to staff shortages (both European and Non-European) during the year.

EPIDEMIC HOSPITAL (Non-European V.D.)

Admissions to this hospital totalled 460, a small increase on last year's total of 413, 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 8 last year, and 20 in 1954.

The re-admissions for this period numbered 26, i.e. 5.7% of admissions as compared with 13.8%, 13.4%, 9.3%, 6.8% and 8.7% 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	5	0	5
2) Patients thought themselves cured after only a few follow-up injections	1	0	1
3) Patients stated no facilities for further treatment available near their homes	0	0	0
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) .....

EPIDEMIC HOSPITAL Cont'd.

	Male	Female	Total
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	0	0	0
8) Relapsed though attended clinic fairly regularly	2	2	4
9) Reinfected after discharge	11	5	16
10) Gaoled and received no further treatment...	0	0	0

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. Good 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 3 mills in the City - additional rodent-proofing measures were required in 1.

Trapping operations by Rodent Inspector: 23. Rodents trapped 17
Poisoning " " " " :138. Rodents Poisoned:
(Bodies recovered)..... 52
(Amount of Poison meal used) 150 lbs.
Gassing operations by Rodent Inspector : 21. Bodies recovered 25
18 Dwellings completed rodent-proofing - 45 inspected.
65 Business premises, shops and stores rodent-proofed - 268 inspected.
Stables - 3 inspected.

New buildings in course of erection supervised for rodent-proofing : 27.
Vacant Lands gassed : 3.
Premises inspected prior to demolition : 17.
Premises gassed prior to demolition : 8.

(6) OTHER COMMUNICABLE DISEASES:

(I) 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. A few imported cases of malaria (from Rhodesia) were notified.

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 ..... /

(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. No cases this year of Bilharzia were reported.

Snails examined	:	486
Physopsis Africana identified	:	41

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

(III) ENTERITIS in infants under the age of one year accounted for 31 deaths, (27 Native, 1 Coloured and 3 Indian).

(IV) MUMPS

This disease was rather prevalent in European children during the year, 30 cases being admitted to the (European) Isolation Hospital, while 4 Non-European cases were admitted to the Non-European Infectious Diseases Hospital. Complicating encephalitis was seen in 2 cases admitted to the Isolation Hospital.

(V) MEASLES

This disease was only moderately prevalent in school children this year, 9 European and 13 Non-European Borough cases being admitted to the Isolation Hospitals. 4 Native deaths from this disease were recorded. One (European) case of Measles Encephalitis was admitted to Hospital.

(VI) GERMAN MEASLES was moderately prevalent this year, but mild.

(VII) CHICKEN POX

This disease was moderately prevalent, 17 European and 9 Non-European cases being admitted to the Isolation Hospitals. One case was complicated by Encephalitis, and another (fatal) by Pneumonia.

(VIII) 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). 9 Cases (8 being Natives) were admitted to our Infectious Diseases Hospitals from outside the City, and 8 European and 3 Non-European cases were admitted from the City area.

(7) WATER SUPPLY (See page 56)

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 .....

(7) WATER SUPPLY Cont'd.

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 was also decided to raise the walls of the impounding dam at Henley by 23 feet so as to approximately treble the capacity of this dam and this work has now been completed, increasing the total storage capacity of the dam to 1,420 million gallons and providing an assured daily yield of 8 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, and a modern filtration plant was completed in 1956.

(9) MEAT SUPPLIES (See pages 59-60).

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. 171 Inspections of butchers' shops and 12 inspections of Butchers' carts were made. A list of meat, fish and fowl condemned after inspection is shown on pages 57-58.

The Abattoir Manager reports that during the year, 92,775 animals were slaughtered, a sharp increase on the 1958 total of 74,241. Slaughtering at the Abattoir is carried out by this Department.

All blood and 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 not to continue with its plans for its own By-Products Plant. The rest of the scheme for expansion of the Abattoir has been continued. The construction of Non-European change-rooms, 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 have now 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 the Abattoir was necer designed. Health Inspectors from the Department have had to help out by carrying out Meat Inspection duties at the Abattoir owing to shortage of Abattoir staff, due to illness. A qualified European Slaughterman was appointed to supervise the work of the Native Slaughter Gang.

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
949 - 50	10,564	7.16	0.88	3,385	4.66	1.38	6,308	1.37	1.10
950 - 51	8,364	8.72	1.21	3,113	5.30	1.28	6,445	2.17	1.69
951 - 52	10,740	8.69	0.94	2,428	5.02	1.35	4,148	3.18	2.60
952 - 53	11,438	7.03	0.62	2,345	4.64	1.02	2,470	1.65	1.21
953 - 54	11,578	9.21	1.5	2,554	3.13	1.33	3,154	1.04	0.91
954 - 55	99,271	9.35	1.4	1,643	3.59	1.82	3,385	1.35	1.21
956	13,626	8.66	1.4	1,814	4.35	1.92	3,715	1.02	0.88
957	13,217	7.23	0.98	1,990	4.02	1.7	4,050	0.83	0.69
958	15,227	5.54	1.13	2,510	5.30	2.35	4,858	0.98	0.84
959	16,627	8.68	1.11	2,767	3.25	1.55	5,280	1.79	1.60

/10 ...

(10) MILK SUPPLIES

The milk supply has been carefully controlled throughout the year. It was derived from 44 producer-distributors, 17 in the Borough, and 27 Out-of-Borough, and 85 producers, 2 Borough and 83 Out-of-Borough, who send their milk to one pasteurisation plant in the Borough, from where it is distributed after pasteurisation. All these dairymen are registered with this Department and their premises are inspected regularly. Approximately 71% of the milk sold in Pietermaritzburg was pasteurised.

There are 15 cream suppliers, of whom 6 are in the Borough and 9 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.

473 Bloods were examined and of these none were reported positive. 510 Immunising injections of Typhoid Endotoxoid Vaccine were given to dairy employees.

(11) OTHER FOOD SUPPLIES (Pages 55-58)

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 57-58). 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 61 . Careful attention is paid to storage conditions, particularly to rodent-proofing, and there is a considerable improvement in this connection. 307 Inspections of the Borough Market and 2,491 inspections of other premises manufacturing or handling food were made. (Pages 62-64).

Food and Drugs Act. (Pages 55-56).

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 3 samples (including the one also deficient in Fat) not in accordance with Solids-not-Fat requirement.

Ice Cream: 6 Samples: All in accordance with standards laid down.

Cream: 6 Samples: 5 in accordance with standards laid down; 1 container broken in transit.

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

Sausage: 4 Samples: 3 in accordance with standards laid down. One sample contained excessive SO_2.

In the case of one of the defective Milk Samples prosecution resulted in a fine of £25, + in one case the prosecutor declined to prosecute. Prosecution in the case of the adulterated sausage sample resulted in a fine of £4. A letter was written to the dairyman in the case of the samples of milk defective in Solids-not-Fat.

Outbreaks of Food Poisoning.

Only 1 case of food poisoning reported to have followed the consumption of curry and rice in a carton was reported this year. By the time this was reported, it was not possible to trace the patient or to obtain a sample of the suspected food. No other cases were reported from this particular product.

/ (12) MATERNITY .....

(12) MATERNITY AND CHILD WELFARE (Page 54).

The European Infantile Mortality Rate of 20.6 showed a small improvement on last year's figure of 21.3.

The Coloured Infantile Mortality Rate of 24.3 was much the same as last year's figure of 23.1.

The Native Infantile Mortality Rate was 147.6, much the same as last year's figure of 158.4.

The Asiatic Infantile Mortality Rate was 40.6 as compared with 33.4 last year.

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

In Europeans prematurity was again the main cause accounting for 50% of the Infantile deaths. Prematurity, Diarrhoea and Enteritis and Broncho-Pneumonia were the chief causes of Non-European Infantile Mortality.

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 54.

Diphtheria and Poliomyelitis immunisation was continued as one of the important activities of the Infant Welfare Clinics. 2,254 Children were immunised against Diphtheria (European 753; Native 258; Coloured 265; Asiatic 978), as compared with 1,360 last year.

Of the total given above 325 European, 72 Native, 104 Coloured and 9 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
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	6,894	6,928	2,245	6,870
1958	7,798	7,408	2,052	7,673
1959	8,946	8,864	2,701	8,544

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

Successful Vaccinations (under 2 years)	:	142
" " (over 2 years)	:	29
Insusceptible to Vaccination (under 2 years)	:	6
" " " (over 2 years)	:	3
Vaccination Postponed	:	1

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

Eur. 376; Nat. 129; Col. 174; Asiatic : 856; Total : 1,535

Maternal Mortality.

1 Native death was recorded from Abortion with Sepsis.

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 .....

Maternal Mortality Cont'd.

and Asiatics. In addition, Ante-Natal Clinic Services for these races are provided. The Native Maternity Wards and Ante-Natal Services have been transferred to the new Edendale Hospital. Native District Midwifery is carried out by the Municipal Native Midwife in the Sobantu Village.

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

Borough Cases:

Ante-Natal Clinic Attendances		District Midwifery Visits:	
Europeans :	1,803	Europeans :	764
Coloureds :	1,172	Coloureds :	1,196
Asiatics :	8,385	Asiatics :	6,111
TOTAL	11,360	TOTAL :	8,071

The Municipal Native Midwife conducted 83 confinements and paid 1,163 visits in connection with confinement cases (363 Ante-Natal and 800 Post-Natal).

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
150	442	131	10	108	4

5 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 15 confinements. 6 Midwives' bag inspections were made.

(13) BY-LAW NOTICES AND PROSECUTIONS (Pages 62-65).

2,761 Notices and formal letters were served regarding breaches of the Borough By-Laws. 30 Prosecutions were initiated in the Magistrate's Court, as detailed on page 65. The total of inspections carried out this year was 18,136 as compared with 16,627 last year. Health Inspectors were also 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: 62 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 : 18,278	355 (1.9%)	29 (0.2%)	-	
Female : 36	-	2 (5.6%)	-	
TOTAL : 18,314	355 (1.9%)	31 (0.1%)	-	18,310

/ The number .....

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

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.

Sobantu (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	:	2,370
Re-attendances at Dispensary	:	266
Home Visits	:	1,882
Surgical Dressings	:	8,088

The Council's trained Native District Nurse carried out a total of 3,574 Home Nursing Visits, 632 New Cases being registered this year.

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, 1959, 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	:	N. L. Becker, M.B., Ch.B., D.P.H.
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 Y. W. Gafney
	:	Miss H. Bodkin

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., Trop. Hygiene Cert. R.S.I.
	:	S. Tulleken, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Tropical Hygiene Cert. R.S.I.
	:	D. S. Wark, Cert. R.S.I.
	:	R. N. Byres, Cert. R.S.I.
	:	J. A. Lourens, Cert. R.S.I.
Malaria Officer	:	R. F. Fryer.
Rodent Officer	:	G. Fairfield.

Handyman & Transport Officer.
1 Indian Fumigation Assistant.

/ HEALTH VISITING .....

(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.
	:	Mrs. M. Campbell (formerly 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.
	:	Mrs. D. Evans (formerly Harries), Health Visitor's Cert. R.S.I.
Clinic Sister	:	Mrs. B. A. Mitchell, Reg Med. & Surg. Nurse.
Clinic Clerks	:	Mrs. A. C. Ferguson.
	:	Mrs. E. Lehman
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 Masongoa, Health Visitor's Cert. R.S.I.
District Native Nurse	:	Nurse Lulu Ngubane, S.A.N.C. Cert. (General & Midwifery)
District Native Midwife	:	Nurse Georgina Yeni, S.A.N.C. Cert. (General & Midwifery)
Native Health Assistants	:	G. Rodolo, S. Mokoena and M. Hlongwane.

ISOLATION HOSPITAL

Matron	:	A. E. Konstam (Acting)
Sisters	:	J. V. Bowers, T. F. Walker, K. B. Pechey.
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.
	:	H. C. Claasen, Cert. R.S.I.; Meat & Other Foods Cert. R.S.I.
Clerk	:	W. L. J. Powell
Stockyard Foreman	:	N. J. Kriel
Slaughterman	:	P. D. Boarpark.

* * * * * * *

REPORT B.

(1) HOUSING.

The City Council completed 50 dwellings for Coloured persons at Woodlands.

Powers under the Borough By-Laws have been exercised sparingly in dealing with insanitary dwellings, owing to the acute housing shortage. 16 dwellings were condemned for demolition under Public Health By-Law 17, (13 of these being demolished by the end of the period under review), and 40 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
1959	485	123	41	20	669

New Buildings.

The City Engineer reports that 145 dwellings and 170 flats (9 blocks) were completed for Europeans, 47 flats (8 blocks) and 17 dwellings were built for Coloureds and Asiatics. 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 9,000, an increase of 1,000 over last year although the number of dwellings is unchanged. 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 3 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 2,300 Natives, and the Ortman Road Hostel with a capacity of 100. The Women's Hostel in Church Street houses 430 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. 549 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 this Department and in general are satisfactory.

/ Asiatic .....

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

Asiatic Housing

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

The 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:	2,544 Houses and 1,002 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:	126 Houses. (Including Council schemes of 28 Sub-economic and 95 Economic houses).
(4)	Asiatics:	395 Houses and 278 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 completed 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 and building has now commenced.

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 (6th 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
INFECTIVE AND PARASITIC DISEASES.												
2. Pulmonary Tuberculosis	1	0	1	7	2	9	0	0	0	1	1	2
0. Tuberculosis Meninges & C.N.S.	0	0	0	0	1	1	0	0	0	0	1	1
1. Tuberculosis of intestines, peritoneum & mesenteric glands	1	0	1	2	0	2	0	0	0	0	0	0
2. Tuberculosis of bones & joints	0	0	0	0	1	1	0	0	0	0	0	0
9. Disseminated Tuberculosis	0	0	0	1	0	1	0	0	0	0	0	0
5. General Paralysis of Insane	1	0	1	0	0	0	0	0	0	0	0	0
0. Typhoid Fever	0	0	0	1	0	1	0	0	0	0	1	1
3. Amoebiasis	0	0	0	0	2	2	0	0	0	0	0	0
5. Diphtheria	1	2	3	0	0	0	0	0	0	1	1	2
7. Meningococcal Infections	0	0	0	0	1	1	0	0	0	0	0	0
1. Tetanus	0	0	0	1	0	1	0	0	0	0	0	0
2. Acute Infectious Encephalitis	0	0	0	0	0	0	0	0	0	1	0	1
5. Measles	0	0	0	4	0	4	0	0	0	0	0	0
2. Infectious Hepatitis	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP I	5	2	7	16	7	23	0	0	0	3	4	7
NEOPLASMS.												
Malignant Neoplasm of:-												
1. Stomach	2	0	2	0	2	2	0	0	0	0	0	0
2. Small intestine including duodenum	0	1	1	0	0	0	0	0	0	0	0	0
3. Large intestine, excluding rectum	0	2	2	0	0	0	0	0	0	0	0	0
4. Rectum	0	0	0	0	0	0	0	0	0	1	0	1
5. Biliary passages and liver	0	0	0	0	1	1	0	0	0	0	0	0
7. Pancreas	0	2	2	0	0	0	0	0	0	0	0	0
8. Peritoneum	0	0	0	0	0	0	0	0	0	1	0	1
1. Larynx	1	0	1	1	0	1	0	0	0	0	0	0
2. Trachea, bronchus and lung - primary	2	0	2	0	0	0	0	0	0	0	0	0
3. " " " " - unspec.	2	1	3	0	0	0	0	0	0	0	1	1
0. Breast	0	2	2	0	0	0	0	0	0	0	0	0
1. Cervix Uteri	0	1	1	1	1	2	0	0	0	0	1	1
5. Ovary, Fallopian tube & broad ligt.	0	3	3	0	0	0	0	0	0	0	0	0
9. Other & unspec. male genital organs	1	0	1	0	0	0	0	0	0	0	0	0
0. Malignant Melanoma of skin	0	1	1	0	0	0	0	0	0	0	0	0
9. Other & unspecified sites	1	0	1	0	0	0	0	0	0	1	0	1
1. Hodgkins disease	0	0	0	0	0	0	0	0	0	1	0	1
4. Leukaemia & Aleukaemia	2	2	4	0	0	0	0	0	0	0	0	0
TOTAL : GROUP II	11	15	26	2	4	6	0	0	0	4	2	6
Total C/Forward	16	17	33	18	11	29	0	0	0	7	6	13

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	16	17	33	18	11	29	0	0	0	7	6	13
II) ALLERGIC ENDOCRINE SYSTEM. METABOLIC AND NUTRITIONAL DISEASES.												
41. Asthma	0	3	3	0	0	0	0	0	0	0	0	0
60. Diabetes Mellitus	2	1	3	0	0	0	0	1	1	0	1	1
70. Disorders of pancreatic internal secretion other than Diabetes Mell.	1	0	1	0	0	0	0	0	0	0	0	0
77. Polyglandular dysf. & other dis. of endocrine glands	1	0	1	0	0	0	0	0	0	0	0	0
81. Pellagra	1	0	1	0	0	0	0	0	0	0	0	0
86. Other Avitaminoses & nutritional deficiency states	1	0	1	6	9	15	0	0	0	2	0	2
TOTAL : GROUP III	6	4	10	6	9	15	0	1	1	2	1	3
IV) DISEASES OF THE BLOOD.												
92. Other Anaemias, specified type	0	0	0	0	0	0	1	0	1	0	1	1
93. Anaemia, unspecified type	0	0	0	0	0	0	0	0	0	0	1	1
95. Haemophilia	1	0	1	0	0	0	0	0	0	0	0	0
96. Purpura & other haemorrhagic condns.	0	0	0	1	1	2	0	0	0	0	0	0
TOTAL : GROUP IV	1	0	1	1	1	2	1	0	1	0	2	2
V) MENTAL, PSYCHONEUROTIC & PERSONALITY DISORDERS.												
04. Senile Psychosis	1	2	3	0	0	0	0	0	0	0	0	0
TOTAL : GROUP V	1	2	3	0	0	0	0	0	0	0	0	0
VI) DISEASES OF THE NERVOUS SYSTEM.												
30. Subarachnoid haemorrhage	0	2	2	0	0	0	0	0	0	0	0	0
31. Cerebral haemorrhage	10	10	20	3	1	4	0	0	0	3	5	8
32. Cerebral embolism & thrombosis	3	7	10	0	1	1	0	0	0	1	0	1
40. Meningitis	2	2	4	0	1	1	0	0	0	1	1	2
52. Other cerebral paralysis	1	0	1	0	0	0	0	0	0	0	0	0
55. Other diseases of brain	0	0	0	1	0	1	0	0	0	0	0	0
68. Other diseases of perpheral nerves except autonomic	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL : GROUP VI	16	21	37	5	3	8	0	0	0	5	6	11
VII) DISEASES OF THE CIRCULATORY SYSTEM.												
10. Diseases of Mitral Valve	2	1	3	1	0	1	0	1	1	0	1	1
14. Other endocarditis spec. rheumatic	0	1	1	0	0	0	0	0	0	0	1	1
16. Other heart dis. " "	0	2	2	0	0	0	0	0	0	0	1	1
20. Arteriosclerotic heart dis. inc. Coronary Thrombosis	55	18	57	1	2	3	0	0	0	7	0	7
21. Chronic endocarditis not spec. rheu.	0	1	1	1	0	1	0	0	0	0	0	0
22. Other myocardial degeneration	6	10	16	0	1	1	0	0	0	4	0	4
34. Other & unspecified dis. of heart	2	1	3	4	0	4	0	0	0	4	2	6
41. Ess. mal. hyperten. with heart dis.	0	1	1	0	0	0	0	0	0	0	0	0
43. Other & unspec. hyperten. " "	5	3	8	0	2	2	0	0	0	3	0	3
47. Other hypertensive disease without mention of heart	1	0	1	0	0	0	0	0	0	0	0	0
50. General arteriosclerosis	1	2	3	0	0	0	0	0	0	0	0	0
51. Aortic an. - non-syph.- & diss. an.	2	0	2	0	1	1	0	0	0	0	0	0
52. Other aneurysm exc. of heart & aorta	1	0	1	1	0	1	0	0	0	0	0	0
65. Pulmonary embolism & infarction	2	4	6	0	0	0	0	0	0	0	0	0
TOTAL : GROUP VII	57	44	101	8	6	14	0	1	1	18	5	23
Total C/Forward	97	88	185	38	30	68	1	2	3	32	20	52

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	97	88	185	38	30	68	1	2	3	32	20	52
III DISEASES OF THE RESPIRATORY SYSTEM												
75. Acute upper respiratory infection of unspecified sites	0	1	1	0	0	0	0	0	0	0	0	0
80. Influenza with pneumonia	0	0	0	0	0	0	0	0	0	1	0	1
83. Influenza with nervous manifest.	0	0	0	0	0	0	0	0	0	1	0	1
90. Lobar pneumonia	6	5	11	4	3	7	0	0	0	1	0	1
91. Broncho-pneumonia	3	9	12	21	11	32	0	0	0	12	5	17
93. Pneumonia other & unspecified	4	2	6	1	0	1	0	1	1	0	0	0
01. Bronchitis - unqualified	0	0	0	1	0	1	0	0	0	0	0	0
02. Chronic Bronchitis	0	0	0	0	0	0	0	1	1	1	0	1
21. Abscess of lung	1	0	1	1	0	1	0	0	0	0	1	1
22. Pulm. congestion and hypostasis	2	0	2	0	0	0	0	1	1	1	0	1
26. Bronchiectasis	0	0	0	0	1	1	0	0	0	0	0	0
27. Other dis. of lung & pleural cavity	1	0	1	0	1	1	0	0	0	0	0	0
TOTAL : GROUP VIII	17	17	34	28	16	44	0	3	3	17	6	23
IX) DISEASES OF THE DIGESTIVE SYSTEM												
40. Ulcer of the stomach	1	0	1	0	0	0	0	0	0	2	0	2
44. Disorders of function of stomach	1	0	1	0	0	0	0	0	0	0	0	0
45. Other dis. of stomach & duodenum	0	0	0	1	0	1	0	0	0	0	0	0
71. Gastro-enteritis (over 4 weeks)	0	0	0	17	23	40	0	1	1	4	4	8
78. Other diseases of intestines & peritoneum	0	0	0	0	1	1	0	0	0	0	0	0
80. Acute & subacute yellow atrophy of liver	1	0	1	0	0	0	0	0	0	0	0	0
81. Cirrhosis of liver	2	1	3	0	0	0	0	0	0	0	1	1
84. Cholelithiasis	0	1	1	0	0	0	0	0	0	0	0	0
87. Dis. of Pancreas	0	1	1	0	1	1	0	0	0	0	0	0
TOTAL : GROUP IX	5	3	8	18	25	43	0	1	1	6	5	11
X) DISEASES OF THE GENITO-URINARY SYSTEM												
90. Acute Nephritis	0	0	0	0	0	0	0	0	0	1	0	1
92. Chronic nephritis	0	0	0	1	0	1	0	0	0	0	1	1
94. Other renal sclerosis	0	0	0	1	0	1	0	0	0	1	0	1
00. Infections of kidney	0	0	0	0	0	0	0	0	0	0	1	1
10. Hyperplasia of prostate	1	0	1	0	0	0	0	0	0	1	0	1
TOTAL : GROUP X	1	0	1	2	0	2	0	0	0	3	2	5
Total C/Forward	120	108	228	86	71	157	1	6	7	58	33	91

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	120	108	228	86	71	157	1	6	7	58	33	91
XI) DELIVERIES & COMPLICATIONS OF PREGNANCY, CHILDBIRTH & PUERPERIUM												
651. Abortion with sepsis	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP XI	0	0	0	0	1	1	0	0	0	0	0	0
XII) DISEASES OF SKIN AND CELLULAR TISSUE												
692. Other cellulitis and abscess	0	0	0	0	0	0	0	0	0	0	1	1
760. to 716. Other dis. of skin	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP XII	1	0	1	0	0	0	0	0	0	0	1	1
XIII) DISEASES OF THE BONES												
730. Osteomyelitis & periostitis	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP XIII	0	0	0	0	0	0	0	0	0	0	0	0
XIV) CONGENITAL MALFORMATIONS												
754. Congenital malformation of circulatory system	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL : GROUP XIV	0	0	0	0	0	0	0	0	0	0	1	1
XV) CERTAIN DISEASES OF EARLY INFANCY												
760. Intracranial & spinal injury at birth	1	0	1	0	2	2	0	0	0	1	3	4
762. Postnatal asphyxia & atelectasis	0	1	1	1	3	4	0	0	0	0	0	0
764. Diarrhoea of newborn	0	0	0	2	1	3	0	0	0	0	1	1
770. Haemolytic dis. of newborn	0	0	0	0	0	0	1	0	1	0	0	0
773. Ill-defined diseases peculiar to early infancy	1	0	1	0	0	0	0	0	0	0	1	1
774. Immaturity with other subsidiary condition	0	0	0	0	0	0	1	0	1	0	0	0
775. Immaturity subsidiary to some other cause	1	0	1	0	0	0	0	0	0	1	0	1
776. Immaturity - unqualified	6	2	8	12	6	18	0	0	0	5	2	7
TOTAL : GROUP XV	9	3	12	15	12	27	2	0	2	7	7	14
XVI) SYMPTOMS, SENILITY & ILL-DEFINED CONDITIONS												
782. Symptoms referable to cardiovasc. & lymphatic systems	3	10	13	1	1	2	4	2	6	9	4	13
783. Symptoms referable to respiratory system	0	0	0	0	0	0	0	0	0	1	0	1
786. Symptoms referable to genito-urinary system	0	1	1	0	0	0	0	0	0	0	0	0
788. Other general symptoms	0	0	0	2	0	2	0	0	0	0	0	0
792. Uraemia - unqualified	1	0	1	0	0	0	1	0	1	2	0	2
794. Senility - without psychosis	3	10	13	1	2	3	0	1	1	1	3	4
795. Ill-defined & unknown causes	7	4	11	7	14	21	1	1	2	4	4	8
TOTAL : GROUP XVI	14	25	39	11	17	28	6	4	10	17	11	28
TOTAL	144	136	280	112	101	213	9	10	19	82	53	135

DEATHS Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	144	136	280	112	101	213	9	10	19	82	53	135
E XVII)												
ACCIDENTS, POISONING & VIOLENCE												
E 801. Railway accident - involving passenger	0	0	0	1	0	1	0	0	0	0	0	0
E 802. Railway accident - involving other persons	0	0	0	1	0	1	0	0	0	0	0	0
E 810. Motor vehicle traffic accident - collision with railway train	1	0	1	0	0	0	0	0	0	0	0	0
E 812. Motor vehicle traffic accident to pedestrian	1	2	3	2	1	3	1	0	1	2	1	3
E 816. Other motor vehicle traffic accident - 2 or more vehicles	3	0	3	0	0	0	0	0	0	1	0	1
E 820. Motor vehicle accident - boarding and alighting	0	0	0	2	0	2	0	0	0	0	0	0
E 822. Motor vehicle accident - over-turning	0	0	0	0	0	0	0	0	0	1	0	1
E 871. Accidental poisoning - barbiturates	0	1	1	0	0	0	0	0	0	0	0	0
E 874. Accidental poisoning - other analgaesic & soporific drugs	1	1	2	0	0	0	0	0	0	0	1	1
E 892. Accidental poisoning - other carbon monoxide gas	0	0	0	1	0	1	0	0	0	0	0	0
E 902. Other falls - from one level to another	1	0	1	0	0	0	0	0	0	0	0	0
E 913. Accident caused by cutting and piercing instruments	0	0	0	0	0	0	0	0	0	1	0	1
E 914. Accident caused by electric current	0	0	0	0	0	0	0	0	0	0	1	1
E 917. Accident caused by hot substance, corrosive liquid & steam	0	0	0	0	0	0	0	0	0	0	1	1
E 929. Accidental drowning & submersion	1	0	1	0	0	0	0	0	0	3	0	3
E 950. Therapeutic misadventure in surgical treatment	0	0	0	0	0	0	0	0	0	0	1	1
E 962. Late effect of other accidental injury	0	0	0	0	0	0	1	0	1	0	0	0
E 974. Suicide by hanging	0	0	0	1	0	1	0	0	0	0	0	0
E 975. Suicide by drowning	0	0	0	0	0	0	0	0	0	0	1	1
E 976. Suicide by firearms	5	0	5	0	0	0	0	0	0	0	0	0
E 979. Suicide by other & unspec. means	0	0	0	0	0	0	0	0	0	1	0	1
E 982. Assault by cutting or piercing instruments	0	0	0	1	0	1	0	0	0	0	0	0
E 983. Assault by other means	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL : GROUP E XVII	13	4	17	10	1	11	2	0	2	9	6	15
TOTAL	157	140	297	122	102	224	11	10	21	91	59	150

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
57. Meningococcal Infections	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
85. Measles	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
92. Infectious Hepatitis	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
86. Other avitaminoses & nutritional def. states	0	0	0	2	3	5	0	0	0	1	0	1	3	3	6
92. Other anaemias of spec. types	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
96. Purpura	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
40. Meningitis, exc. meningococcal & tuberculous	1	0	1	0	1	1	0	0	0	0	1	1	0	2	2
34. Other & unspec. dis. of heart	0	0	0	1	0	1	0	0	0	0	1	1	1	1	2
75. Acute upper resp. infec. of multiple or unspec. sites	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
90. Lobar Pneumonia	0	0	0	1	2	3	0	0	0	0	0	0	1	2	3
91. Broncho Pneumonia	0	0	0	14	5	19	0	0	0	9	1	10	23	6	29
93. Pneumonia, other & unspec.	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
01. Bronchitis, unqualified	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
71. Gastro-enteritis & colitis, age 4 weeks & over	0	0	0	12	15	27	0	1	1	1	2	3	13	18	31
78. Other dis. of intest. & peritoneum	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
16. Other dis. of skin	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54. Congenital malforma. of circulatory system	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
30. Intracranial & spinal injury at birth	1	0	1	0	2	2	0	0	0	1	2	3	1	4	5
32. Postnatal asphyxia & atelectasis	0	1	1	1	3	4	0	0	0	0	0	0	1	3	4
34. Diarrhoea of new born	0	0	0	2	1	3	0	0	0	0	1	1	2	2	4
70. Haemolytic dis. of new born	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
73. Ill defined dis. peculiar to early infancy	1	0	1	0	0	0	0	0	0	0	1	1	0	1	1
74. Immaturity with other subsidiary condition	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
75. Immaturity subsidiary to some other cause	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1
76. Immaturity, unqualified	6	2	8	12	6	18	0	0	0	5	2	7	17	8	25
82. Symptoms referable to cardiovasc. & lymphatic systems	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
83. Symptoms referable to respiratory system	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
95. Ill defined & unknown causes	0	0	0	2	2	4	1	0	1	1	0	1	4	2	6
50. Therapeutic misadventure in surgical treatment	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
TOTAL :	12	4	16	50	43	93	3	2	5	20	14	34	73	59	132

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	4	2	6	10	7	17	0	0	0	4	4	8	14	11	25
2nd - 7th day	5	1	6	3	3	6	2	0	2	3	2	5	8	5	13
1 Week - 1 Month	2	0	2	4	3	7	0	0	0	2	2	4	6	5	11
TOTAL - 1 Month	11	3	14	17	13	30	2	0	2	9	8	17	28	21	49
1 Month - 2 Months	0	0	0	6	8	14	0	0	0	2	1	3	8	9	17
3 Months - 5 Months	1	0	1	10	8	18	1	0	1	2	0	2	13	8	21
6 Months - 8 Months	0	1	1	10	8	18	0	1	1	5	2	7	15	11	26
9 Months - 11 Months	0	0	0	7	6	13	0	1	1	2	3	5	9	10	19
TOTAL 1 - 11 Months	1	1	2	33	30	63	1	2	3	11	6	17	45	38	83
GRAND TOTAL	12	4	16	50	43	93	3	2	5	20	14	34	73	59	132

INFANTILE MORTALITY RATES
(Deaths per 1,000 Births)

	EUROPEAN	NATIVE	COLOURED	ASIATIC
During 1st 24 hours	6 : 7.7	17 : 27.0	0 : 0	8 : 9.6
2nd - 7th day	6 : 7.7	6 : 9.5	2 : 9.7	5 : 5.9
1 Week - 1 Month	2 : 2.6	7 : 11.1	0 : 0	4 : 4.8
1 Month - 2 Months	0 : 0	14 : 22.2	0 : 0	3 : 3.6
3 Months - 5 Months	1 : 1.3	18 : 28.6	1 : 4.9	2 : 2.4
6 Months - 8 Months	1 : 1.3	18 : 28.6	1 : 4.9	7 : 8.4
9 Months - 11 Months	0 : 0	13 : 20.6	1 : 4.9	5 : 5.9
Infantile Mortality Rate	16 : 20.6	93 : 147.6	5 : 24.3	34 : 40.6

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

European	:	5.4%
Native	:	41.5%
Coloured	:	23.8%
Asiatic	:	22.7%
All Non-European	:	33.3%
All Races	:	21.4%

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.	%
Tuberculosis (all forms)	0	0	0	0	0	0	0	0	0	0
Syphilis	0	0	0	0	0	0	0	0	0	0
Diphtheria	0	0	0	0	0	0	0	0	0	0
Whooping Cough	0	0	0	0	0	0	0	0	0	0
Cerebro Spinal Fever	0	0	1	1.1	0	0	0	0	1	0.8
Measles	0	0	1	1.1	0	0	0	0	1	0.8
Malnutrition	0	0	5	5.4	0	0	1	3	6	4.6
Bronchitis & Pneumonia	0	0	23	24.7	1	20	10	29.4	34	25.8
Gastro-Enteritis	0	0	27	29.0	1	20	3	9	31	23.5
Malformations	0	0	0	0	0	0	1	3	1	0.8
Injury at Birth	1	6.2	2	2.2	0	0	3	9	5	3.8
Asphyxia - Atelectasis	1	6.2	4	4.3	0	0	0	0	4	3.0
Prematurity	9	56.4	18	19.4	1	20	8	23.5	27	20.5
Ill defined causes	1	6.2	4	4.3	1	20	2	6	7	5.3
Other specified causes	4	25	8	8.6	1	20	6	17.7	15	11.5
	16		93		5		34		132	

RESPIRATORY SYSTEM TUBERCULOSIS

(Code No. 001 - 008)

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

DEATH RATES (PER 1,000 POPULATION)

European	:	0.03
Native	:	0.29
Coloured	:	0
Asiatic	:	0.06
All Non-European	:	0.16
All Persons	:	0.11

DEATHS IN AGE GROUPS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
0 - 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 2 years	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
2 - 4 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 34 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
35 - 44 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 - 54 years	1	0	1	2	1	3	0	0	0	0	1	1	2	2	4
55 - 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 - 74 years	0	0	0	2	1	3	0	0	0	0	0	0	2	1	3
75 and Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	1	0	1	7	2	9	0	0	0	1	1	2	8	3	11

TUBERCULOSIS, OTHER FORMS

(Code No. 010 - 019)

DEATHS IN MONTHS OF THE YEAR

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	1	0	1	0	0	0	1	0	1	2	0	2
March	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
April	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
May	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
June	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	1	0	1	3	2	5	0	0	0	1	0	1	4	2	6

DEATH RATE PER 1,000 POPULATION

European	:	0.03
Native	:	0.16
Coloured	:	0
Asiatic	:	0.03
All Non-European	:	0.09
ALL PERSONS	:	0.06

DEATHS IN AGE GROUPS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
0 - 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 2 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
2 - 4 years	0	0	0	1	0	1	0	0	0	1	0	1	2	0	2
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
25 - 34 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 - 44 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 - 54 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 - 64 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
65 - 74 years	1	0	1	0	1	1	0	0	0	0	0	0	0	1	1
75 and Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	1	0	1	3	2	5	0	0	0	1	0	1	4	2	6

MALIGNANT AND OTHER NEOPLASMS
(Code No. 140 - 239)

DEATHS IN AGE GROUPS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
nder 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 14 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
- 24 years	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
- 34 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
- 44 years	0	2	2	1	0	1	0	0	0	1	1	2	2	1	3
- 54 years	3	3	6	0	1	1	0	0	0	0	1	1	0	2	2
- 64 years	3	2	5	1	2	3	0	0	0	1	0	1	2	2	4
- 74 years	1	2	3	0	0	0	0	0	0	1	0	1	1	0	1
and Over	3	6	9	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	11	15	26	2	4	6	0	0	0	4	2	6	6	6	12

DEATH RATE PER 1,000 POPULATION

European	:	0.7
Native	:	0.19
Coloured	:	0
Asiatic	:	0.19
All Non-European	:	0.17
ALL PERSONS	:	0.35

FORMS OF MALIGNANT AND OTHER NEOPLASMS 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
alignant Neoplasm of -																
1. Stomach	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0
2. Small Intestine including Duodenum	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
3. Large Intestine including Rectum	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
4. Rectum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
5. Liver and Biliary passages	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
7. Pancreas	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
8. Peritoneum	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
1. Larynx	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
2. Trachea, Bronchus & Lung - primary	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
3. Trachea, Bronchus & Lung - unspecified	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0
0. Breast	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
1. Cervix Uteri	0	0	0	0	0	1	0	0	0	0	1	2	0	0	0	0
5. Ovary, Fallopian Tube & Broad Ligament	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0
9. Other unspecified male genital organs	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
0. Malignant Melanoma of Skin	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
9. Other & unspecified sites	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
1. Hodgkins Disease	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Leukaemia & Aleukaemia	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0
TOTAL :	1	0	1	1	0	2	2	2	6	5	2	4	4	8	1	0

DISEASES OF THE CIRCULATORY SYSTEM

(Code Nos. 400 - 468)

DEATH IN AGE GROUPS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
nder 1 year	0	0	0	1	0	1	0	0	0	0	1	1	1	1	2
1 - 2 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	1	0	1	0	0	0	0	0	0	2	3	5	2	3	5
25 - 34 years	1	0	1	1	0	1	0	1	1	0	0	0	1	1	2
35 - 44 years	3	0	3	2	1	3	0	0	0	1	0	1	3	1	4
45 - 54 years	7	1	8	2	0	2	0	0	0	1	0	1	3	0	3
55 - 64 years	10	4	14	1	4	5	0	0	0	3	0	3	4	4	8
65 - 74 years	15	18	33	0	1	1	0	0	0	7	1	8	7	2	9
75 and Over	20	21	41	0	0	0	0	0	0	4	0	4	4	0	4
TOTAL :	57	44	101	8	6	14	0	1	1	18	5	23	2[illegible]	12	38

DEATH RATE (PER 1,000 POPULATION)

European	:	2.5
Native	:	0.45
Coloured	:	0.19
Asiatic	:	0.71
All Non-European	:	0.55
ALL PERSONS	:	1.28

DEATHS DUE TO PNEUMONIA AND BRONCHITIS

(Code Nos. 490 - 502)

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
January	1	1	2	2	4	6	0	0	0	2	1	3	4	5	9
February	0	2	2	7	4	11	0	0	0	1	0	1	8	4	12
March	2	2	4	1	1	2	0	0	0	0	0	0	1	1	2
April	4	0	4	3	0	3	0	1	1	2	0	2	5	1	6
May	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
June	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1
July	0	0	0	2	1	3	0	0	0	1	1	2	3	2	5
August	0	2	2	3	1	4	0	0	0	2	0	2	5	1	6
September	0	1	1	2	2	4	0	0	0	0	0	0	2	2	4
October	2	3	5	5	1	6	0	1	1	1	0	1	6	2	8
November	1	3	4	1	0	1	0	0	0	3	2	5	4	2	6
December	0	1	1	1	0	1	0	0	0	1	1	2	2	1	3
TOTAL :	13	16	29	27	14	41	0	2	2	14	5	19	41	21	62

RESIDENTS : (GIVEN IN AGE GROUPS)

	EUROPEAN			NATIVE			COLOURED			ASIATICS			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	16	7	23	0	1	1	9	1	10	25	9	34
1 - 2 years	0	0	0	4	5	9	0	0	0	1	2	3	5	7	12
2 - 4 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
25 - 34 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 - 44 years	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
45 - 54 years	2	1	3	0	0	0	0	1	1	0	0	0	0	1	1
55 - 64 years	0	1	1	3	0	3	0	0	0	0	0	0	3	0	3
65 - 74 years	0	5	5	3	0	3	0	0	0	1	1	2	4	1	5
75 and Over	9	9	18	1	0	1	0	0	0	2	1	3	3	1	4
TOTAL :	13	16	29	27	14	41	0	2	2	14	5	19	41	21	62

Bronchitis	0	0	0	1	0	1	0	1	1	1	0	1	2	1	3
Pneumonia	13	16	29	26	14	40	0	1	1	13	5	18	39	20	59
TOTAL :	13	16	29	27	14	41	0	2	2	14	5	19	41	21	62

DEATH RATES PER 1,000 POPULATION

BRONCHITIS : Code Nos. 500 - 502.

European	:	0
Native	:	0.03
Coloured	:	0.19
Asiatic	:	0.06
All Non-European	:	0.04
ALL PERSONS	:	0.03

PNEUMONIA : Code Nos. 490 - 493.

European	:	0.7
Native	:	1.28
Coloured	:	0.19
Asiatic	:	0.56
All Non-European	:	0.86
ALL PERSONS	:	0.81

DEATHS DUE TO GASTRO-ENTERITIS AND COLITIS

(Age 4 weeks and over)

(Code No. 571)

	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	3	5	8	0	0	0	0	0	0	3	5	8
February	0	0	0	5	3	8	0	0	0	2	1	3	7	4	11
March	0	0	0	2	3	5	0	0	0	0	1	1	2	4	6
April	0	0	0	3	0	3	0	0	0	0	0	0	3	0	3
May	0	0	0	0	3	3	0	0	0	0	0	0	0	3	3
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	1	4	5	0	0	0	0	0	0	1	4	5
August	0	0	0	3	2	5	0	0	0	0	1	1	3	3	6
September	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
October	0	0	0	0	2	2	0	0	0	1	0	1	1	2	3
November	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
December	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
TOTAL :	0	0	0	17	23	40	0	1	1	4	4	8	21	28	49

DISTRICTS OF RESIDENCE OF CASES OF ENTERIC FEVER AND TUBERCULOSIS

	Notifications of Enteric Fever	Deaths from Tuberculosis
P.M. Burg Central	6	5
Zwartkop Valley	1	-
Wembley	-	-
Scottsville (in water supply area)	1	-
Scottsville (outside water supply area)	-	-
Mountain Rise	-	1
Pentrich (in water supply area)	-	2
Pentrich (outside water supply area)	-	-
Chase and Town Bush Valleys	-	9
Sobantu Village	2	-
Hathorn's Hill	-	-
Asiatic Housing Scheme	-	-
Raisethorpe	-	2
Unable to trace residence	-	-
TOTAL :	10	19

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	48	32	5	5	127	69	335	73	10	1	-	3	60	22	13	2	245	124	353	83
Total Attendances	108	62	7	8	477	211	942	220	39	28	3	8	313	90	39	15	937	391	991	251
Sputa Examined	12	3	-	-	30	11	44	6	9	2	-	-	20	8	-	-	71	24	44	6
Sputa Positive	2	2	-	-	8	2	9	2	6	-	-	-	2	6	-	-	18	10	9	2
X-Ray Examinations	65	39	6	8	88	33	230	51	9	4	-	2	44	14	8	-	206	90	244	61
X-Ray Positive	16	9	1	3	37	17	60	21	6	2	-	-	20	9	-	-	79	37	61	24
Positive Diagnosis made	6	4	1	1	38	22	80	21	8	1	-	-	19	8	1	-	71	35	82	22
Adm. to Durban Hospitals and to Non-Eur. Inf. Dis. Hosp. from Clinic	5	-	-	-	28	6	24	8	6	-	-	-	8	-	-	-	47	6	24	8
Contacts Examined	31	16	-	1	60	29	37	7	8	2	1	1	18	11	2	-	117	58	40	26

	EUROPEAN	NATIVE	COLOURED	ASIATIC	TOTAL
Streptomycin Injecs. given	253	1,708	370	1,023	3,354
Home Visits to Tuberculotics and their contacts (Borough cases only)	747	1,263	276	744	3,030

MINIATURE X-RAY CLINIC ATTENDANCES

REASON FOR X-RAY		EUROPEAN				NATIVE				COLOURED				ASIATIC				TOTAL			
		Bar.		O/B.		Bar.		O/B.		Bar.		O/B.		Bar.		O/B.		Bar.		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					6212		4471										6212		4471	
	Suspect					212		143										212		143	
Pre-employment X-ray	Private Firms					110		12		22	-	-	-	299		1		431		13	
	Mun. Supern. Fund	83	17							3				1				87	17		
Ref. by Employers	Routine	56	33		2	767	152	79	14	18	21			120	6			961	192	79	16
	Suspect	8	5				1							1				9	6		
	Contact	75	7			166	7	19	2	1				30				272	14	19	2
Ref. by Doctors	Routine	6	11		1		3	4							1			6	15	4	1
	Suspect	119	107	14	14	121	40	269	157	19	14	1	2	236	110	44	44	495	271	328	217
	Contact	4	4	2	4	1	7	3						1				6	11	5	4
Voluntary Attendance	Routine	170	140	25	15	20	8	9	8	4	4			79	23	9	4	273	175	43	27
	Suspect							3		1				1				2		3	
	Contact	55	18		3	20		1	1					39				114	18	1	4
Referred by Health Visitor	Routine						1		1						10				11		1
	Suspect					2	1			1	1			1	1			4	3		
	Contact	89	72	2	2	217	77	26	16	10	13			59	79	2	4	375	241	30	22
Follow-up X-ray	ex Hosp.		2			124	55	27	10	9	3			14	1	2		147	61	29	10
	ex Clinic	30	6	5	3	134	69	95	39	14	8	1	4	96	27	10	3	274	130	111	49
TOTALS :		695	442	48	44	8106	401	5161	248	102	64	2	6	977	258	68	55	9880	1165	5279	353

GRAND TOTAL : 16,677

RESULTS OF MINIATURE X-RAYS

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

	EUROPEAN				NATIVE				COLOURED				ASIATIC				TOTAL			
	Bar.		O/B.		Bar.		O/B.		Bar.		O/B.		Bar.		O/B.		Bar.		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	50	20	7	-	286	42	232	62	11	3	-	-	79	15	4	12	426	80	243	74
2. Other lung conditions	1	3	-	-	5	3	5	3	1	-	-	3	1	-	-	-	8	6	5	6
3. Cardiac conditions	13	5	1	-	4	3	21	5	-	-	1	-	3	1	-	1	20	9	23	6
4. Spinal or Thoracic cage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Nil abnormal detected	695	442	48	44	8106	401	5161	248	102	64	2	6	977	258	68	55	9880	1165	5279	353
6. Other conditions noted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS :	759	470	56	44	8401	449	5419	318	114	67	3	9	1060	274	72	68	10334	1260	5550	430

European : 1,329 All Non-European : 16,254 All Persons : 17,583

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	1	3	-	-	51	11	9	2	1	1	-	-	8	6	-	-	61	21	9	2
B. P.T.B. Inactive	1	1	-	-	44	8	7	-	-	1	-	-	4	2	-	-	49	12	7	-
C. Other Lung Conditions	9	2	-	-	9	1	1	-	-	-	-	-	3	-	-	-	21	3	1	-
D. Cardiac Conditions	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	2	1	-	-
E. Nil Abnormal	26	8	1	-	170	14	31	4	-	-	-	-	24	7	1	-	220	29	33	4
F. Other Conditions noted	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-

VENEREAL DISEASE

CLINIC ATTENDANCES FOR THE YEAR ENDING 31st DECEMBER, 1959.

(for key) (see page) (50)	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	-	-	-	-	14	3	6	1	-	-	-	-	-	-	-	-	-	-	-	-	62	4	19	2	-	-	-	-	1	-	-	1
2	-	-	-	-	5	1	6	-	-	-	-	-	-	-	-	1	-	-	-	-	18	7	20	2	-	-	-	-	11	-	-	6
3	-	-	-	-	24	16	22	22	-	-	-	-	-	-	-	-	-	-	-	-	78	68	35	119	-	-	-	-	7	-	-	-
4	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	2	4	-	-	-	-	-	-	-
5	-	2	-	-	30	63	8	84	2	12	-	-	6	32	4	5	-	25	-	-	106	467	40	426	3	73	1	2	10	215	-	45
6	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	7	-	-	-	-	-	-	-	1
7	-	-	-	-	6	1	3	8	-	1	-	-	-	-	-	-	-	-	-	-	14	7	10	42	-	4	-	-	-	-	-	-
8	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	-	-	-	-	-	-	-	-	-
9	1	1	-	-	64	26	32	32	5	1	-	-	2	-	-	-	10	6	-	-	257	125	78	127	12	1	-	-	3	-	-	-
10	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	2	-	-
12	-	-	-	-	4	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	23	-	4	1	-	-	-	-	-	-	-	-
13	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	4	-	-	-	-	-	-	-	-	-
14	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	5	4	9	2	-	-	-	-	-	-	-	-	-	-	-	-	10	5	12	4	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	1	-	-	-	42	32	26	29	3	2	-	-	4	3	-	-	6	-	-	-	126	115	73	106	4	3	-	-	8	14	2	-
18	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	1	-	-	-	-	-	-	-	-
Total :	2	3	-	-	204	169	117	162	10	16	-	-	12	36	4	6	16	31	-	-	785	902	302	841	23	81	1	2	40	231	2	53
19 Disch. on Probn.	-	4	-	-	75	78	29	34	1	8	-	-	-	21	-	2																
20 Disch. Finally	3	3	-	-	59	28	17	35	1	2	-	-	4	3	1	-																

V.D. CLINIC DEFAULTER INVESTIGATIONS

	EUROPEAN		NATIVE		COLOURED		ASIATIC	
	M	F	M	F	M	F	M	F
UNABLE TO TRACE	-	3	20	21	-	-	-	2
RETURNED TO CLINIC	-	3	124	134	-	4	-	5
DID NOT RETURN	-	-	10	13	-	1	-	2
TOTAL OF DEFAULTERS	-	6	154	168	-	5	-	9
NO. OF VISITS	-	6	184	183	-	6	-	9
RETURNED TO CLINIC								
At Request of Health Visitor or Native Health Assistant								
1) Following personal visits	-	-	128	124	-	6	-	9
2) Following letters	-	-	-	-	-	-	-	-
3) Following telephone calls	-	-	8	12	-	-	-	-
4) Traced through Pass Office Records	-	-	-	-	-	-	-	-
5) Following accidental encounter	-	-	-	-	-	-	-	-
Supplementary Visits by Health Visitor (in case of Native Health Assistants).								
1) Employer telephoned	-	-	-	-	-	-	-	-
2) Employer visited	-	-	21	11	-	-	-	-
3) Defaulters visited	-	-	6	3	-	-	-	-
REASONS FOR DEFAULTING								
No reason	-	2	32	30	-	2	-	2
Unable to pay transport	-	-	-	-	-	-	-	-
Left City	-	3	12	10	-	-	-	2
Illness	-	-	-	-	-	-	-	-
Hours of work prevent attendance:	-	-	32	44	-	-	-	-
Prefer morning Clinic	-	-	-	-	-	-	-	-
Prefer afternoon Clinic	-	-	-	-	-	-	-	-
Prefer evening Clinic	-	-	1	-	-	-	-	-
Prefer Saturday morning Clinic	-	-	4	6	-	-	-	-
Thought him / herself cured	-	1	23	15	-	2	-	5
Races not separated enough at Clinic	-	-	-	-	-	-	-	-
Clinic not private enough	-	-	-	-	-	-	-	-
Reaction to Injections	-	1	-	-	-	-	-	-
Other reasons	-	1	48	60	-	1	-	-

VENEREAL DISEASE Continued.

EPIDEMIC (V.D.) HOSPITAL RETURNS

NATIVE (for key) (see page) (50)	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 - 23 Days E				29 - 42 Days F				43 - 56 Days G				57 + Days H			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1			2		3				20	5	26	1	22	3	27	1																
2					3		3		7		8	1	10		11	1																
3				1	3		1		36	27	78	78	39	27	77	78																
4										1	2			1	2																	
5									2		1	4	2		1	4																
6																																
7									1		7	4	1		7	3																
8																																
9					3		1		30	18	29	24	33	17	30	21																
10																																
11											1				1																	
12																																
13											1				1																	
14																																
15							5		16		18	6	16		22	5																
16																																
17									2		5	4	2		5	4																

No. of admissions during year:

	Borough Males	Borough Females	O/Borough Males	O/Borough Females
No. of individuals admitted during the year.	116	45	180	114

	Borough Males	Borough Females	O/Borough Males	O/Borough Females
No. of Patients suffering from 2 or more Venereal Diseases	4	4	1	2

VENEREAL DISEASE Continued.

EPIDEMIC (V.D.) HOSPITAL RETURNS

COLOURED (for key) (see page) (50)	A In Hospital last day of precdg. year				B Admitted from Pass Office & Gaol				C Admitted Voluntarily & from V.D. Clinic				Discharged or Absconded or Died after Treatment of Duration																			
													0 - 14 Days D				15 - 28 Days E				29 - 42 Days F				43 - 56 Days G				57 + Days H			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1									1		1		1																			
2																																
3																																
4																																
5									1				1																			
6																																
7																																
8																																
9									2				2																			
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	4	0	1	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 Continued.

EPIDEMIC (V.D.) HOSPITAL RETURNS

ASIATIC (for key) (see page) (50)	A In Hospital last day of precdg. year				B Admitted from Pass Office & Gaol				C Admitted Voluntarily & from V.D. Clinic				Discharged or absconded or Died after Treatment of Duration																			
													0 - 14 Days D				15 - 28 Days E				29 - 42 Days F				43 - 56 Days G				57 + Days H			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1																																
2																																
3																																
4																																
5																																
6																																
7																																
8																																
9									2				2																			
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	0	0	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 Continued.

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
1959	- : -	196 : 201	3 : 12	- : -	199 : 213 : 412

VENEREAL DISEASE Continued

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

YEAR ENDING 31st DECEMBER, 1959.

	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																			49	43	10		31	5
No. of Positive or Doubtful Reactors																			49	43	10		31	5
No. of those who had previously received treatment																			6	12	3		8	
No. undergoing a First Course of treatment during pregnancy																			+8	4			4	1
No. undergoing a 2nd or 3rd Course of treatment during pregnancy																			2					

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	23	0	0	0	23	2	-	0	0	2	25
Measles	9	7	6	-	22	2	37	1	1	41	63
Diphtheria	41	9	2	8	60	17	86	1	1	105	165
Mumps	33	4	-	-	37	2	3	-	-	5	42
Whooping Cough	8	2	1	0	11	1	7	0	-	8	19
Chicken Pox	17	6	2	2	27	3	5	-	-	8	35
C.S. Fever	10	1	1	1	13	6	4	0	0	10	23
German Measles	8	-	2	-	10	-	-	-	-	-	10
Whooping Cough and Pulmonary T.B.	-	1	-	-	1	-	-	-	-	-	1
Erysipelas	1	-	1	-	2	-	-	-	-	-	2
Pulmonary Tuberculosis	-	50	8	9	67	-	90	3	5	98	165
Poliomyelitis	8	-	1	-	9	5	9	1	-	15	24
Encephalitis	3	-	-	-	3	3	2	-	-	5	8
Boarder	-	1	-	-	1	-	2	-	-	2	3
Generalised Vaccinia	-	-	-	1	1	-	-	-	-	-	1
TOTAL :	161	81	24	21	287	41	245	6	7	299	586

ISOLATION HOSPITAL AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

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

BOROUGH CASES

In 21 cases (14 Eur., 5 Nat., 2 Col.) diagnosis Diphtheria altered to Tracheitis or Laryngitis or Tonsillitis.
In 4 cases (Eur.) diagnosis Diphtheria altered to Diphtheria Carrier.
In 1 case (Eur.) diagnosis Diphtheria altered to Not Diphtheria.
In 2 cases (Eur.) diagnosis Measles altered to Influenza.
In 1 case (Eur.) diagnosis Measles altered to Allergic Rash.
In 1 case (Eur.) diagnosis German Measles altered to Measles.
In 1 case (Col.) diagnosis German Measles altered to Thrush.
In 2 cases (Eur.) diagnosis Meningitis altered to Encephalitis
In 2 cases (1 Eur., 1 Nat.) diagnosis Meningitis altered to Influenza.
In 1 case (Eur.) diagnosis Meningitis altered to Otitis Media.
In 1 case (Eur.) diagnosis Mumps altered to Pyelitis.
In 1 case (Eur.) diagnosis Mumps altered to Not Mumps.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Spinal Injury.
In 2 cases (Eur.) diagnosis Poliomyelitis altered to Encephalitis.
In 3 cases (Eur.) diagnosis Poliomyelitis altered to Influenza.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Malnutrition.
In 1 case (Eur.) diagnosis Scarlet Fever altered to Pharyngitis.
In 1 case (Eur.) diagnosis Scarlet Fever altered to Anaphylactic Rash.
In 2 cases (1 Eur., 1 Nat.) diagnosis Whooping Cough altered to Bronchitis or Broncho Pneumonia.
In 2 cases (Nat.) diagnosis Whooping Cough altered to Pulmonary Tuberculosis.
In 2 cases (Eur.) diagnosis Whooping Cough altered to Influenza.

OUT-OF-BOROUGH CASES

In 5 cases (4 Nat., 1 As.) diagnosis Diphtheria altered to Diphtheria Carrier.
In 1 case (Nat.) diagnosis Diphtheria altered to Membranous Conjunctivitis.
In 2 cases (Nat.) diagnosis Diphtheria altered to Thrush or Vincent's Angina or Stomatitis.
In 2 cases (1 Eur.) diagnosis Diphtheria altered to Bronchitis or Laryngitis.
In 17 cases (7 Eur., 10 Nat.) diagnosis Diphtheria altered to Tonsillitis.
In 1 case (Eur.) diagnosis Encephalitis altered to Bell's Palsy.
In 2 cases (Nat.) diagnosis Encephalitis altered to Influenza.
In 1 case (Eur.) diagnosis Encephalo-myelitis altered to P.U.O.
In 1 case (Eur.) diagnosis Meningitis altered to Encephalitis.
In 1 case (Nat.) diagnosis Meningitis altered to Influenza.
In 1 case (Eur.) diagnosis Meningitis altered to Cerebral abscess.
In 1 case (Eur.) diagnosis Meningitis altered to Enteritis.
In 2 cases (Nat.) diagnosis Meningitis altered to Broncho Pneumonia.
In 1 case (Eur.) diagnosis Meningitis altered to Cerebral Tumour.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Cellulitis.
In 1 case (Eur.) diagnosis Poliomyelitis altered to P.U.O.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Thrombosis of leg.
In 2 cases (Nat.) diagnosis Poliomyelitis altered to Acute Rheumatic Fever.
In 1 case (Nat.) diagnosis Measles altered to Broncho Pneumonia.
In 1 case (Nat.) diagnosis Whooping Cough altered to Bronchitis.
In 1 case (Nat.) diagnosis Pulmonary Tuberculosis altered to Syphilis.

INFANT WELFARE

1. INFANT CLINICS

	European	Native	Coloured	Asiatic
NEW CASES:				
Under 1 Year	612	704	204	672
Over 1 Year	7	22	4	11
TOTAL:	619	726	208	683
ATTENDANCES:				
Under 1 Year	8,261	7,199	2,086	7,350
Over 1 Year	685	1,665	615	1,194
TOTAL:	8,946	8,864	2,701	8,544
Number on Register	1,039	1,121	430	1,272
Average Attendance per person	8.6	8.0	6.3	6.7

2. HOME VISITS

	European	Native	Coloured	Asiatic	Total
Ante-Natal	-	121	11	41	173
First Visits-(Notified Births)	633	419	167	686	1,905
re-visits - under 1 year	721	1,352	661	328	3,062
re-visits - over 1 year	340	1,928	1,065	1,732	5,155
Infectious Disease (Non-T.B.)	186	14	3	26	229
Protected Infants	1	2	-	3	6
Pediculosis & Scabies Visits	0	1	0	1	2
Infantile Mortality Visits	10	79	1	19	109
Other Home Visits	14	89	3	0	106
TOTAL :	1,905	4,075	1,911	2,856	10,747

3. MILK DISTRIBUTED

	European	Native	Coloured	Asiatic	Total
Fresh - Pints	3,086	12,891	3,471	12,286	31,734
Dried - lbs.	57	2,522	584	2,349	5,512

FOODSTUFFS

SAMPLES TAKEN AND SUBMITTED FOR ANALYSIS

1. MILK

(a) Bacteriological Examination.

Samples with less than 30,000 bacteria per c.c.	:	28 (inc. 6 Pasteurised)
Samples with between 30,000 and 200,000 bacteria per c.c.	:	16
Samples with more than 200,000 bacteria per c.c.	:	7
TOTAL	:	51 (inc. 6 Pasteurised)

Samples with B. Coli present in 1/100 c.c. or less	:	56
Samples with B. Coli present in 1/10 but not in 1/100 c.c.	:	20
Samples with B. Coli absent in 1/10 c.c.	:	14 (inc. 7 Pasteurised)
TOTAL	:	90 (inc. 7 Pasteurised)

Samples with Faecal B. Coli absent	:	17
Samples with Faecal B. Coli present in 1/10 c.c.	:	19
Samples with Faecal B. Coli present in 1/100 c.c.	:	8
Samples with Faecal B. Coli present in less than 1/100 c.c.	:	1
TOTAL	:	45

(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%	:	3
Samples with Solids-Not-Fat below 8%	:	0
TOTAL	:	44

Samples with Butter Fat 3% and over	:	43
Samples with Butter Fat under 3%	:	1
TOTAL	:	44

(c) Phosphatase Testing of Pasteurised Milk.

Samples sufficiently heat treated	:	415
Samples not sufficiently heat treated	:	4
TOTAL	:	419

2. ICE CREAM

Samples of Ice Cream conforming to standard	:	6
Samples of Ice Cream not conforming to standard	:	0
TOTAL	:	6

3. SAUSAGE

Samples of Sausage conforming to standard	:	3
Samples of Sausage not conforming to standard	:	1
TOTAL	:	4

4. MINCE MEAT

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

FOODSTUFFS Continued.

5. CREAM

Samples of Cream conforming to standard	:	5
Samples of Cream broken in transit	:	1
TOTAL	:	6

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

MUNICIPAL WATER SUPPLY

Probable No. of Faecal Organisms in 100 c.c.	No. of Samples
Class I. Highly satisfactory 0	185
Class II. Satisfactory 1 - 2	39
Class III. Suspicious 3 - 10	13 (5 faecal)
Class IV. Unsatisfactory: Over 10	0
TOTAL :	237 (5 faecal)

MUNICIPAL SWIMMING BATHS

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

OTHER SWIMMING BATHS

Probable No. of Organisms in 100 c.c.	
Class I. Highly satisfactory 0	0
Class III. Suspicious 3 - 10	0
Class IV. Unsatisfactory: Over 10	0
TOTAL :	0

BOREHOLES

Class I. Highly satisfactory 0	2
Class II. Satisfactory 1 - 2	1
Class III. Suspicious 3 - 10	2
Class IV. Unsatisfactory: Over 10	1 (1 faecal)
TOTAL :	6 (1 faecal)

RAW RIVER WATERS

Class I. Highly satisfactory 0	0
Class II. Satisfactory 1 - 2	0
Class III. Suspicious 3 - 10	0
Class IV. Unsatisfactory: Over 10	45 (all faecal)
TOTAL :	45

RAIN WATER TANKS

Class I. Highly satisfactory 0	1
TOTAL :	1

OTHER SAMPLES

Class I. Highly satisfactory 0	4
Class II. Satisfactory 1 - 2	2
Class IV. Unsatisfactory: Over 10	18 (12 faecal)
TOTAL :	24 (12 faecal)

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	53 trays
Almonice	5 x lb. tins
Apples	17 cases
Bananas	4 trays
Biscuits	8 packets
Barley	4 packets
Beans - Green	25 pockets
Beans - Dry	5 bags
Baking Powder	12 lbs.
Capsicums	9 trays
Chow-chow	3 bottles
Coquilles	6 x 5 ozs.
Curry Powder	1 tin
Chutney	2 bottles
Cocoa	12¼ lbs.
Coffee	25 lbs.
Cordials	250
Cream	22 tins
Cereals	1 pkt.
Cucumbers	25 pockets
Cucumbers - Pickled	2 x 4 gall. tins
Custard Powder	27 tins
Cabbages	13 bags
Eggs	518
Fowls	11
Fish - Fresh	100 lbs.
Fish Paste	70 jars
Fish - tinned	2,280 tins
Fruit - tinned	218 tins
Fruit Juices	44 bottles
Flour - cake	232½ lbs.
Flour - unsifted wheat meal	400 lbs.
Flour - unsifted meal	10 lbs.
Fruit - Dried	83 pkts.
Grape - Fruit	38 pockets
Gravy Powder	1 pkt.
Honey	1 bottle
Herbs	1 oz.
Icing Sugar	27 pkts.
Jam	353 tins
Jelly Powder	2 pkts.
Lactogen	8 lbs
Lemon Curd	3 jars
Meat - tinned	12 tins
Milk - tinned	27 tins
Maltabella	7 pkts.
Meat Extract	1 tin
Mealie Meal	97 lbs.; 2 pockets
Mealie Rice	25½ lbs.
Mushrooms	1 tin
Mosmark Tasty	29 pkts.
Marzipan	12 lbs.
Mustard	4 bottles

/ Noodles .....

FOODSTUFFS CONDEMNED Continued.

Noodles (Egg)	13 pkts.
Oranges	21 pkts.
Oats	51 lbs.
Onions	12 bags
Paw-paws	4 trays
Paprika	3 tins
Peaches	64 trays
Pea Flour	1 lb.
Pearl Barley	9 lbs.
Peas	15 pockets
Peas (split)	57 x lb. pkts.
Peanuts	1 tin
Pickles	9 bottles
Peanut Butter	17 bottles
Pineapples	1 tray
Pepper	5 tins
Rice	100 lbs.
Rhubarb	1 pocket
Salad Whip	6 bottles
Spaghetti	4 tins
Syrup	13 tins
Salt	3 lbs.
Sandwich and assorted spreads	11 jars
Sauce	8 bottles
Sugar	157 lbs.
Sugar (Cube)	4 lbs.
Soups	123 pkts.
Squash	5 pockets
Tamarinds	25 bags
Tomato Sauce	4 bottles
Tomato Paste	11 jars
Tomatoes	336 boxes
Unlabelled Packages	42 tins
Vegetable - tinned	132 tins
Vegetable and Meat (Extract and Spread)	1 tin; 1 jar
Watermelons	1,580
Wheat (Rolled)	10 lbs.
Xmas Puddings	2 tins
Yeast	1 pkt.
Youngberries	12 trays

ABATTOIR

1. ANIMALS SLAUGHTERED:

Cattle	:	16,627
Calves	:	2,767
Sheep	:	68,004
Pigs	:	5,280
Goats	:	99
TOTAL	:	92,775

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS:

Quarters of Beef	:	2,324
Carcases Mutton	:	539
Carcases Pork	:	7

3. INCIDENCE OF CERTAIN DISEASES:

	Carcases Examined	% Infected	Carcases Condemned	% Condemned
CATTLE - "Measles" (Cysticercus Bovis)	16,627	8.66%	185	1.11%
CALVES - "Measles" (Cysticercus Bovis)	2,767	3.25%	43	1.55%
PIGS - "Measles" (Cysticercus Cellulosae)	5,280	1.79%	84	1.60%
CATTLE - Tuberculosis	16,627	-	8	0.05%
CALVES - Tuberculosis	2,767	-	-	-
PIGS - Tuberculosis	5,280	2.4%	11	0.2

4. SUMMARY OF MEAT CONDEMNED:

		Carcases	Approx. Weight
BEEF:		276	135,730 lbs.
BEEF:	Portions of Carcases, Organs, etc.	-	40,511
VEAL:		73	1,430 "
VEAL:	Portions of Carcases, Organs, etc.	-	121 "
PORK:		103	13,750 "
PORK:	Organs, etc.	-	1,665 "
MUTTON:		80	3,270 "
MUTTON:	Organs, etc.	-	150,475 "
			350,312 "

ABATTOIR Continued

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.
ctinomycosis	84		3,360						
naemia							4	4	160
nthrax									
ruising - Beef		9	4,500	2	2	300			
ruising - Veal									
ruising & Fevered - Beef		5	2,000						
ruising & Fevered - Veal									
ecomposition									
ropsy									
maciation - Beef	22	22	8,000				35	35	900
maciation - Veal	4	4	100						
maciation - Anaemia									
evered - Beef	4	4	2,000	1	1	100	7	7	250
evered - Veal									
all Sickness									
angrene							1	1	40
mmaturity - Veal	8	8	180						
aundice	2	2	880						
aundice - Veal	7	7	250				9	9	1,000
umpy Skin									
ymphadenitis								13	520
alignant Tumours		18	8,900					1	40
ammitis		5	2,500						
easles	1,444	185	92,950	95	84	11,100			
easles - Veal	89	43	360						
elanosis - Veal									
ephritis									
ephritis - Veal									
dema		4	2,000						
dema - Veal									
ericarditis									
ericarditis - Veal									
eritonitis		2	1,100						
eritonitis - Veal									
eumonia - Septic		2	900		2	300		4	160
eumonia - " Veal		1	50						
aemia	5	5	2,500		3	450		2	80
aemia - Veal	9	9	450						
rcocysts		4	2,000						
pticaemia									
pticaemia - Veal									
ptic Nephritis - Veal		1	40						
ilesia, Hepatica,									
uke Nodular Worm,									
scesses			40,511			1,665			150,475
- Veal			121						
xaemia	3	3	1,500						
xaemia - Veal									
berculosis		8	4,000	124	11	1,500			
ticaria									
identified									

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	5	127	17	18	24	331	371	46	16	244	243	180	25	1	-	27
Applications Approved	5	118	15	17	20	316	343	44	15	232	233	169	22	1	-	25
Applications Approved Subject to Requirements	-	4	1	1	4	9	14	-	1	6	-	6	1	-	-	1
Applications Disapproved	-	2	-	-	-	4	3	1	-	3	1	3	-	-	-	-
Applications Withdrawn	-	3	1	-	-	2	11	1	-	3	4	2	2	-	-	1

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. Launiry.
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	365
Applications Returned "Not in Order"	16
Applications Returned with requirements	41
Applications Approved for Temporary Licence	-
Applications Withdrawn	2

SANITATION

Total of Inspections (General) carried out	16,235
Total of Rodent Inspections	1,901
Total of Notices and Letters served re Contravention of By-Laws	2,761

INSPECTIONS (GENERAL) GIVEN IN DETAIL

1.	Public Markets	307
2.	Butchers' Shops	171
3.	Dealers and General Dealers (Food)	684
4.	Dealers and General Dealers (No Food)	130
5.	Fish and Poultry Shops	25
6.	Food Sampling	589
7.	Condemnation of Foodstuffs	9
8.	Bakehouses	26
9.	Milkshops (Purveyors of Milk)	43
10.	Ice Cream (Distributors and Manufacturers of)	9
11.	Tea Shops, Cafes, Restaurants and Eating Houses	381
12.	Residential Hotels, Boarding Houses	95
13.	Aerated Water Manufacturers	-
14.	Other places where food is manufactured	15
15.	Hawkers' Premises	104
16.	Hawkers' Carts	71
17.	Butchers' Carts and Carriers	12
18.	Milk Delivery Carts and Ice Cream Carts	9
19.	Milk Depots and Pasteurising Plants	241
20.	Bakers' Carts	7
21.	Theatres and Bioscopes	25
22.	Smoke Nuisance	38
23.	Common Lodging Houses	360
24.	Barracks	263
25.	Native Quarters	251
26.	Structural Defects in Premises	1,128
27.	Other House Inspections	285
28.	Undrained Premises	75
29.	Hairdressers	45
30.	Laundries	48
	c/forward	5,446

SANITATION Cont'd.

	b/forward ...	5,446
31.	Schools	47
32.	Factories and Workshops	192
33.	Builders Yards	57
34.	Wood and Coal Yards	20
35.	Courts, Lanes and Alleys	7
36.	Vacant Ground	274
37.	Piggeries	-
38.	Horse Stables	58
39.	Cowkeepers Premises	63
40.	Dairy Stables and Dairies	638
41.	Hide and Skin Merchants' Premises	26
42.	Poultry Keepers	452
43.	Infectious Diseases Visits	9
44.	Malaria and Mosquito Inspections, etc.	893
45.	Malaria-Permanent Works, Drains, Tree Planting, etc.	182
46.	Public Sanitary Conveniences	8
47.	Sanitary Conveniences	165
48.	Septic Tanks, French Drains, etc.	44
49.	Pail Privies	156
50.	Pit Privies	150
51.	Refuse and Refuse Bins	470
52.	Refuse Tips	65
53.	Other Visits	1,279
54.	Premises Fumigated for Vermin	2
55.	Other Visits in Connection with Fumigation	15
56.	Disinfections	1
57.	Disinfection of Bedding and Clothing	4
58.	Rodent Inspections by Rodent Inspector	1,901
59.	Other Rodent Inspections by Health Inspectors	33
60.	Interviews and Complaints	504
	c/forward	13,161

SANITATION Cont'd.

b/forward 15,161

REPORTS FOR TRANSMISSION TO OTHER MUNICIPAL DEPARTMENTS

(1) CITY ENGINEER'S DEPARTMENT.

61.	Blocked Sewers, etc.	36
62.	Street Drains	88
63.	Defective Water Fittings	21
64.	Defective Surface and Waste Water Drains	111
65.	Other Defects	24
66.	Unauthorised Structures	104
67.	Sites, etc. re Plans	861
68.	Water Sampling	3

(2) MUNICIPAL BANTU ADMINISTRATION DEPARTMENT.

69.	Licensing and Other Inspections of Premises under Urban Areas Act	354

(3) LICENSING DEPARTMENT.

70.	Inspection of Premises re Licence Applications	1,105

(4) GENERAL.

71.	Other transportation trips	367
	TOTAL :	16,235

PROSECUTIONS

Total number of Prosecutions instituted	30
Under Public Health By-Laws (either separately or in conjunction with contraventions of House Drainage; Building; and Sanitary By-Laws)	18
Under Dairy By-Laws	3
Under Food, Drugs & Disinfectants Act	3
Under By-Laws relating to Preparation, Storage & Sale of Foodstuffs	7
Under Sanitary By-Laws	1
Under Building By-Laws	1
Under Public Health Act	1
Under Abattoir By-Laws	1
Under House Drainage By-Laws	1
Under General By-Laws	1
TOTAL	30

Total number in which accused found guilty and penalty imposed	24
Total number found not guilty, complied with, acquitted or withdrawn	6
TOTAL	30

DISTRICT CONFINEMENTS

Europeans	28
Coloureds	61
Asiatics	300
TOTAL	389

CONDEMNED PREMISES

Rooms and Buildings Condemned and/or Demolished

(a) Under Public Health By-Law No. 17: (Demolition Orders)	16
(Of these premises 13 were demolished during the year, 1 converted to use as open shed, and 2 structures not yet demolished)	
(b) Under Building By-Laws re dilapidated buildings	0
(c) Under Slums Act	0
(d) Voluntary Demolitions	40
TOTAL	56

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