CITY OF PIETERMARITZBURG

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

For the Year Ended
31st December, 1962

CITY OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT

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REPORT OF THE MEDICAL OFFICER OF HEALTH ON THE PUBLIC HEALTH AND SANITARY CIRCUMSTANCES OF THE CITY OF PIETERMARITZBURG FOR THE YEAR ENDED 31st DECEMBER, 1962.

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BY

M. MAISTER, B.A., M.B., Ch.B., D.P.H.
MEDICAL OFFICER OF HEALTH

INTRODUCTORY

CITY OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT

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

Ladies and Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary Circumstances of the City of Pietermaritzburg, for the calendar year 1962.

Infectious disease figures were a little higher than last year but there were no major outbreaks of epidemic disease. Tuberculosis showed an increase in all races, particularly the Bantu, and more than accounted for the higher total for notifiable infectious diseases registered this year. No Poliomyelitis cases occurred at all this year and we continued with oral vaccination right throughout the year.

Infantile Mortality rose slightly in Europeans and Coloureds, but improved in Asiatics. The Death rate was practically unchanged in Europeans, improved a little in the Coloureds, but was higher in Asiatics. Individual disease death rates showed no dramatic changes in all the races this year, but the Bantu death registration was obviously inadequate and no conclusions can be drawn from these figures. Birth rates were a little higher in all races.

Further Positive cases of Rabies were found in the dog population in Pietermaritzburg at the beginning of the year, but none subsequently. No human cases occurred.

No further Council houses were built during the year, but planning commenced for a further 234 'economic' houses for Asiatics and 108 'economic' houses for Coloureds.

A new Non-European Infant Welfare Clinic was built in Boom Street.

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	5.20	78.4	60.4	69.4	76.7%
February	4.16	78.3	62.2	70.2	82.5%
March	4.67	79.1	61.6	70.3	75.6%
April	1.63	74.8	53.9	64.3	79.1%
May	0.05	70.7	45.5	58.1	83.8%
June	0	66.8	38.5	52.6	73.4%
July	0	71.8	38.5	55.1	71.0%
August	0.85	73.5	46.4	59.9	70.9%
September	0.19	75.2	52.3	63.7	77.2%
October	2.29	78.3	57.0	67.6	75.3%
November	5.33	73.5	58.1	65.8	78.4%
December	2.29	79.1	62.4	70.7	69.0%
Total	26.66				

AREA OF MUNICIPALITY: 47.66741 sq. miles.

Value of Rateable Property: R76,454,170.

Exempted Property : R27,489,290.

MUNICIPAL RATE: General - Land - 3.05c in Rand.
Buildings - .95c in Rand.

Water - Rate - .25c in Rand.

Total Nett Maintenance Cost (Less Revenue) of Public Health Department for 1961/62 = R91,752, being 7% of the total maintenance cost of the City.

LEADING VITAL STATISTICS

YEAR ENDING 31st DECEMBER, 1962.

(Average Rate for period 1954 - 1961 in brackets for comparison).

	European	Bantu	Coloured	Asiatic
POPULATION (Estimated at December 31st, 1962).	40,050	28,000	5,000	22,700
ILLEGITIMATE BIRTHS (Percentage of total births)	9 1.1% (0.7%)	375 53.3% (51.3%)	27 12.9% (15.9%)	9 1.1% (1.9%)
DEATHS CRUDE DEATH RATE (Corrected for outward transfer)	340 8.5 (8.4)	129* 4.6 (8.1)	29 5.8 (6.8)	143 6.3 (5.9)
INFANTILE MORTALITY DEATHS RATE (Per 1,000 Population)	12 14.7 (23.8)	57* 81.0 (113.0)	6 28.6 (38.5)	29 35.4 (42.3)
DEATHS in children from 1 - 4 years (incl.) RATE (Per 1,000 Population)	6 0.15 (0.05)	17* 0.6 (1.5)	0 0 (0.5)	14 0.6 (0.5)
RESPIRATORY TUBERCULOSIS Code No. 001 - 008. DEATHS RATE (Per 1,000 Population)	1 .025 (0.06)	3* 0.1 (0.3)	1 0.2 (0.2)	2 0.09 (0.1)
TUBERCULOSIS - OTHER FORMS Code Nos. 010 - 019. DEATHS RATE (Per 1,000 Population)	0 0 (0.01)	0* 0 (0.1)	1 0.2 (0.03)	0 0 (0.03)
ENTERIC FEVER Code No. 040 - 041. DEATHS RATE (Per 1,000 Population)	0 0 (0.004)	0* 0 (0.03)	0 0 (0)	0 0 (0.004)
MALIGNANT AND OTHER NEOPLASMS Code Nos. 140 - 239. DEATHS RATE (Per 1,000 Population)	47 1.2 (1.2)	5* 0.2 (0.2)	2 0.2 (0.6)	7 0.3 (0.2)
DISEASES OF THE CIRCULATORY SYSTEM Code Nos. 400 - 468. DEATHS RATE (Per 1,000 Population)	14 3.5 (3.2)	8* 0.3 (0.7)	5 1.0 (1.1)	43 1.9 (1.6)
BRONCHITIS AND PNEUMONIA Code Nos. 490 - 502. DEATHS RATE (Per 1,000 Population)	23 0.6 (0.5)	22* 0.8 (1.4)	3 0.6 (0.7)	19 0.8 (0.7)

BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.

* No accurate figures of Bantu deaths could be obtained this year and the figures recorded cannot be relied upon and must be regarded as incomplete.

(1) VITAL STATISTICS:

POPULATION:

This is an estimate of the population as at December 31st, 1962, as supplied by the Director of Census and Statistics. The last Government Census was held on September 6th, 1960.

	European	Bantu	Coloured	Asiatic	All Non-Eur.	All Races
Male	19,300	17,100	2,400	11,500	31,000	50,300
Female	20,750	10,900	2,600	11,200	24,700	45,450
PERSONS	40,050	28,000	5,000	22,700	55,700	95,750

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		
uropean	412	6	396	3	808	9	817	1.1%	20.4
antu	161	196	168	179	329	375	704	53.3%	25.1
oloured	91	14	92	13	183	27	210	12.9%	42.0
siatic	426	6	385	3	811	9	820	1.1%	36.1
ll Non-Eur.	678	216	645	195	1323	411	1734	23.7%	31.1
ll Races	1090	222	1041	198	2131	420	2551	16.5%	27.0

(B) NON-RESIDENTS

	Male		Female		Persons			Percentage of Illeg. to all Births
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total	
European	145	2	127	0	272	2	274	0.7%
Bantu	0	0	0	0	0	0	0	0
Coloured	11	1	16	2	27	3	30	10%
Asiatic	7	0	15	0	22	0	22	0
All Non-Eur.	18	1	31	2	49	3	52	5.8%
All Races	163	3	158	2	321	5	326	1.5%

DEATHS

TOTAL DEATHS REGISTERED (RESIDENTS).

	Male		Female		Persons	
	Deaths	Rate per 1,000 Male Population	Deaths	Rate per 1,000 Female Population	Deaths	Death Rate (per 1,000 Population)
European	186	9.6	154	7.4	340	8.5
*Bantu	62	3.6	67	6.1	129	4.6
Coloured	15	6.3	14	5.4	29	5.8
Asiatic	84	7.3	59	5.3	143	6.3
ALL NON-EUR.	161	5.2	140	5.7	301	5.4
ALL RACES	347	6.9	294	6.5	641	6.7

* The Bantu figures must be regarded as incomplete.

DEATHS: (Pages 5-7) .

Death rates were unchanged for Europeans, were lower for Coloureds, and raised for Asiatics. The Bantu figures were inadequate and cannot be relied upon.

The death rate for all races was 6.7, as compared with 7.3 last year, but because of inadequate Bantu registration, this figure is unreliable.

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

European	:	14.2%	(10.4% last year)
Bantu	:	73.6%	(69.9% last year)
Coloured	:	37.9%	(41.9% last year)
Asiatic	:	42.7%	(51.5% last year)
All Non-European	:	55.5%	(60.7% 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 amonst Europeans, Asiatics and Coloureds, whilst Respiratory Diseases were the main cause of death in Bantu.

DEATHS AND DEATH RATES (PER 1,000 POPULATION) : VARIOUS CAUSES.
ABBREVIATED LIST (6th Decennial Revision of International List).
RESIDENTS ONLY

	European		Bantu*		Coloured		Asiatic		All Non-Europeans		All Races	
1 Tuberculosis of Respiratory System	1	.03	3	0.1	1	0.2	2	0.09	6	0.1	7	0.1
2 Tuberculosis, other forms	0	0	0	0	1	0.2	0	0	1	0.02	1	0.01
3 Syphilis and Sequelae	0	0	0	0	0	0	0	0	0	0	0	0
4 Typhoid Fever	0	0	0	0	0	0	0	0	0	0	0	0
5 Cholera	0	0	0	0	0	0	0	0	0	0	0	0
6 Dysentery, all forms	0	0	1	0.04	0	0	1	0.04	2	0.04	2	0.02
7 Scarlet Fever & Strep. Sore Throat	0	0	0	0	0	0	0	0	0	0	0	0
8 Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0
9 Whooping Cough	0	0	1	0.04	0	0	0	0	1	0.02	1	0.01
10 Mengingococcal Infections	0	0	0	0	0	0	0	0	0	0	0	0
11 Plague	0	0	0	0	0	0	0	0	0	0	0	0
12 Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0
13 Smallpox	0	0	0	0	0	0	0	0	0	0	0	0
14 Measles	0	0	0	0	0	0	1	0.04	1	0.02	1	0.01
15 Typhus and other rickettsial diseases	0	0	0	0	0	0	0	0	0	0	0	0
16 Malaria	0	0	0	0	0	0	0	0	0	0	0	0
17 Other inf. & parasit.dis.	0	0	1	0.04	2	0.4	0	0	3	0.05	3	0.03
18 Malignant Neoplasms	47	1.2	5	0.2	2	0.4	7	0.3	14	0.3	61	0.6
19 Benign & unspec. Neoplasms	0	0	0	0	0	0	0	0	0	0	0	0
20 Diabetes Mellitus	2	0.05	1	0.04	1	0.2	6	0.3	8	0.14	10	0.1
21 Anaemias	0	0	0	0	1	0.2	0	0	1	0.02	1	0.01
22 Vascr. lesions of C.N.S.	43	1.1	3	0.1	3	0.6	16	0.7	22	0.4	65	0.7
23 Non Meningococcal Mgts.	0	0	3	0.1	1	0.2	1	0.04	5	0.1	5	0.05
24 Rheumatic Fever	0	0	0	0	0	0	0	0	0	0	0	0
25 Chronic Rheum. Heart dis.	4	0.1	0	0	0	0	0	0	0	0	4	0.04
26 Arteriosclerotic and Degtve. heart disease	74	1.8	1	0.04	2	0.4	21	0.9	24	0.4	98	1.0
27 Other diseases of heart	31	0.8	5	0.2	2	0.4	20	0.9	27	0.5	58	0.6
28 Hypertension with heart disease	7	0.2	0	0	0	0	2	0.09	2	0.04	9	0.1
29 Hypertension without mention of heart	0	0	0	0	0	0	0	0	0	0	0	0
30 Influenza	3	0.075	0	0	1	0.2	0	0	1	0.02	4	0.04
31 Pneumonia	22	0.5	21	0.8	3	0.6	14	0.6	38	0.7	60	0.6
32 Bronchitis	1	.03	1	0.04	0	0	5	0.2	6	0.1	7	0.07
33 Ulcer of Stomach & Duod.	3	.075	0	0	0	0	0	0	0	0	3	0.03
34 Appendicitis	0	0	0	0	0	0	0	0	0	0	0	0
35 Intestinal obstruction and hernia	2	0.05	0	0	1	0.2	0	0	1	0.02	3	0.03
36 Gastritis, Enteritis, exc. of newborn	1	0.03	18	0.6	2	0.4	12	0.5	32	0.6	33	0.3
37 Cirrhosis of liver	3	0.075	2	0.07	0	0	0	0	2	0.04	5	0.05
38 Nephritis & Nephrosis	4	0.1	2	0.07	1	0.2	0	0	3	0.05	7	0.07
39 Hyperplasia of Prostate	0	0	0	0	0	0	0	0	0	0	0	0
40 Complicns. of pregnancy, childbirth & puerperium	0	0	2	0.07	0	0	0	0	2	0.04	2	0.02
41 Congenital Malformns.	2	0.05	0	0	0	0	2	0.09	2	0.04	4	0.04
42 Birth injuries, atelectasis, etc.	2	0.05	2	0.07	1	0.2	4	0.2	7	0.1	9	0.09
43 Infections of newborn	0	0	0	0	0	0	0	0	0	0	0	0
44 Other diseases of early infancy & immaturity	7	0.2	13	0.5	0	0	8	0.4	21	0.4	28	0.3
45 Senility, without psychosis	21	0.5	15	0.5	1	0.2	9	0.4	25	0.5	46	0.5
46 All other diseases	38	0.9	15	0.5	0	0	6	0.3	21	1.4	59	0.6
47 Motor vehicle accidents	6	0.15	2	0.08	1	0.2	2	0.09	5	0.1	11	0.1
48 All other accidents	7	0.18	10	0.4	2	0.4	2	0.09	14	0.25	21	0.2
49 Suicide	8	0.2	1	0.04	0	0	2	0.09	3	0.05	11	0.1
50 Homicide and war	1	0.03	1	0.04	0	0	0	0	1	0.02	2	0.02
TOTAL	340	8.5	129	4.6	29	5.8	143	6.3	301	5.4	641	6.7

* The Bantu death figures must be regarded as unreliable.

SEASONAL OCCURRENCE OF DEATHS

	European			Bantu*			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
nuary, 1962	14	13	27	6	11	17	4	0	4	4	2	6	14	13	27
bruary	15	12	27	8	9	17	0	4	4	7	9	16	15	22	37
rch	11	10	21	10	6	16	0	0	0	7	6	13	17	12	29
ril	10	8	18	3	7	10	1	0	1	6	1	7	10	8	18
y	18	14	32	3	6	9	0	1	1	11	4	15	14	11	25
ne	24	23	47	7	8	15	0	1	1	4	6	10	11	15	26
ly	24	24	48	3	3	6	3	3	6	17	8	25	23	14	37
gust	15	14	29	5	7	12	3	0	3	5	3	8	13	10	23
ptember	21	16	37	3	2	5	1	1	2	6	8	14	10	11	21
tober	13	6	19	6	2	8	2	1	3	4	5	9	12	8	20
vember	11	6	17	4	3	7	0	1	1	8	2	10	12	6	18
cember	10	8	18	4	3	7	1	2	3	5	5	10	10	10	20
TAL :	186	154	340	62	67	129	15	14	29	84	59	143	161	140	301

DEATHS OF RESIDENTS GIVEN IN AGE GROUPS

	European			Bantu*			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
nder 1 year	8	4	12	24	33	57	4	2	6	14	15	29	42	50	92
- 2 years	3	2	5	6	6	12	0	0	0	4	2	6	10	8	18
- 4 years	0	1	1	1	4	5	0	0	0	4	4	8	5	8	13
- 14 years	2	0	2	1	0	1	1	1	2	3	2	5	5	3	8
- 24 years	3	2	5	3	3	6	0	1	1	4	2	6	7	6	13
- 34 years	4	2	6	3	2	5	0	1	1	2	0	2	5	3	8
- 44 years	10	7	17	8	1	9	1	0	1	2	3	5	11	4	15
TAL - 44 years	30	18	48	46	49	95	6	5	11	33	28	61	85	82	167
- 54 years	29	13	42	6	5	11	3	1	4	11	5	16	20	11	31
- 64 years	24	15	39	5	5	10	3	3	6	11	10	21	19	18	37
- 74 years	33	29	62	4	5	9	0	2	2	14	13	27	18	20	38
and Over	70	79	149	1	3	4	3	3	6	15	3	18	19	9	28
TAL :	186	154	340	62	67	129	15	14	29	84	59	143	161	140	301
TAL : 50 and Over	150	133	283	10	13	23	7	8	15	46	28	74	63	49	112

* The Bantu deaths registrations must be regarded as incomplete.

(1) Vital Statistics continued.

SUMMARY OF CAUSES OF DEATH

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

RESIDENTS ONLY

		European	Bantu*	Coloured	Asiatic
1-019	Tuberculosis	1 : 0.3%	3 : 2.3%	2 : 6.9%	2 : 1.4%
0-039	Syphilis & other Venereal Diseases	0 : 0%	0 : 0%	0 : 0%	0 : 0%
0-064	Infectious disease of intestinal tract and other bacterial disease	0 : 0%	3 : 2.3%	2 : 6.9%	1 : 0.7%
0-096	Diseases attributable to Viruses	0 : 0%	0 : 0%	0 : 0%	1 : 0.7%
0-205	Malignant Neoplasms	47 : 13.8%	5 : 3.9%	2 : 6.9%	7 : 4.9%
0	Diabetes	2 : 0.6%	1 : 0.8%	1 : 3.5%	6 : 4.2%
0-334	Vascular lesions affecting C.N.S.	43 : 12.6%	3 : 2.3%	3 : 10.3%	16 : 11.2%
0-468	Cardiac Diseases and other diseases of Circulatory System	140 : 41.2%	8 : 6.2%	5 : 17.2%	43 : 30.1%
0-527	Respiratory Diseases (non-tuberculous)	30 : 8.8%	24 : 18.6%	4 : 13.8%	19 : 13.3%
3,571 572	Gastro-enteritis and Colitis (age 4 weeks and over)	1 : 0.3%	18 : 14.0%	2 : 6.9%	12 : 8.4%
0-587	Other diseases of Digestive System	13 : 3.8%	5 : 3.9%	1 : 3.5%	1 : 0.7%
0-594	Nephritis and Nephrosis	4 : 1.2%	2 : 1.6%	1 : 3.5%	0 : 0%
0-759	Congenital Malformations	2 : 0.6%	0 : 0%	0 : 0%	2 : 1.4%
0-776	Certain diseases of early infancy	9 : 2.6%	16 : 12.4%	1 : 3.5%	12 : 8.4%
0-795	Senility and ill defined diseases	21 : 6.2%	15 : 11.6%	1 : 3.5%	9 : 6.3%
0-999	Accidents, violence, poisoning	22 : 6.5%	14 : 10.9%	2 : 6.9%	6 : 4.2%
	Other causes	5 : 1.5%	2 : 1.6%	2 : 6.9%	6 : 4.2%
	TOTAL DEATHS	340	129	29	143

* The Bantu figures must be regarded as unreliable.

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	Bantu	Coloured	Asiatic	All Non-Eur.	All Races
Enteric Fever	1 (0.025)	1 (0.04)	1 (0.2)	0	2 (0.04)	3 (0.03)
Pulmonary Tuberculosis	12 (0.3)	107 (3.8)	18 (3.6)	30 (1.3)	155 (2.8)	167 (1.7)
Tuberculosis - Other Forms	0	2 (.08)	1 (0.2)	2 (0.1)	5 (0.1)	5 (0.05)
Scarlet Fever	12 (0.3)	0	0	0	0	12 (0.13)
Kwashiorkor	0	4 (0.14)	0	1 (0.4)	5 (0.1)	5 (0.05)
Puerperal Sepsis	0	3 (0.1)	0	2 (0.1)	5 (0.1)	5 (0.05)
Trachoma	0	0	0	1 (0.04)	1 (0.02)	1 (0.01)
Diphtheria	3 (0.08)	5 (0.18)	6 (1.2)	3 (1.3)	14 (0.25)	17 (0.18)
Typhus Fever	0	0	0	1 (0.04)	1 (0.02)	1 (0.01)
Cerebro-spinal Fever	1 (0.025)	0	1 (0.2)	0	1 (0.02)	2 (0.02)
Anterior Poliomyelitis (Paralytic)	0	0	0	0	0	0
Anterior Poliomyelitis (Non-Paralytic)	0	0	0	0	0	0
Encephalitis	0	0	0	0	0	0
Leprosy	0	2 (0.08)	1 (0.2)	0	3 (0.05)	3 (0.03)
Opthalmia Neonatorum	0	0	0	0	0	0
Smallpox	0	1 (0.04)	0	0	1 (0.02)	1 (0.01)
TOTAL :	29 (0.7)	125 (4.5)	28 (5.6)	40 (1.8)	193 (3.5)	222 (2.3)

(2) INFECTIOUS DISEASE

There were only 222 notifications of infectious disease as compared with 185 in 1961.

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

Altogether 129 patients were admitted during the year 1962, 103 Borough and 26 Out-of-Borough. Figures for previous years were:-

1961 : 106; 1960 : 156; 1959 : 202; 1958 : 184; 1957 : 180; 1956 : 243; 1955 : 147; 1954 : 117; July-December, 1953 : 90; 1951-1952 : 222.

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 1962 totalled 413, 102 Borough and 311 Out-of-Borough cases, a marked increase on last year's total of 299 - mainly of Out-of-Borough cases. Admissions during previous years have been as follows:-

1961 : 299; 1960 : 339; 1959 : 384; 1958 : 400; 1957 : 381; 1956 : 414; 1955 : 331; 1954 : 256; July-December, 1953 : 130; 1951-1952 : 223.

AMBULANCE

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

1) Total number of cases removed : 4,916.

2) Infectious cases removed : 785.

LABORATORY WORK:

Laboratory work done by the Pathologist.

Swabs for Diphtheria Bacilli	165
Swabs for Haemolytic Streptococci	91
Smears, Swabs, Pus for Gonococcus, organisms, etc.	1
Cerebro-spinal Fluids	13
Blood (Vi, Sugar and other examinations)	10
Blood (Counts, Smears)	0
Sputum and Pleural Fluids (T.B., organisms, sensitivity)	0
Stools (Parasites, T.B., S. Typhi, etc.)	2
Urines (Chemical, microscopic, diastatic index, S. Typhi, etc.)	2
Milk - for Total Bacterial and Coliform Count	48
Milk Phosphatase Test	224
	556

Laboratory work done by Municipal Bio-Chemist:

Milk - for Breed Count and Resazurin Test	69
Milk - for Phosphatase Test	185
Milk - for Coliform Count	29
Drinking Water - for Bacteriological Count	286

During the year Dr. D. Cowie, who has been Municipal Pathologist since 1940, retired from private practice and resigned from the post of Municipal Pathologist. This work has now been taken over by the pathologist firm of Drs. Drummond, Duncan-Taylor and Rifkin.

Work .../

LABORATORY WORK Cont'd.

Work done in Departmental Laboratory:-

No. of Mosquito larvae examined	:	480
No. of Mosquito adults examined	:	0
No. of Snails examined	:	318
No. of Physopsis identified	:	10

NOTIFIABLE INFECTIOUS DISEASE

(a) ANTHRAX. No cases notified.

(b) SMALLPOX. 1 Bantu male case was reported this year. This case was considered clinically to be definitely a case of Smallpox and localised vaccination at his place of residence and work was carried out and at the same time a general vaccination campaign was embarked on. The source of infection could not be traced and no secondary cases occurred and Virological and blood complement fixation examinations carried out by the S.A.I.M.R., Johannesburg in this patient were all negative.

VACCINATION.

Every Bantu registering at the Municipal Pass Office is vaccinated when he is medically examined. (See page 23).

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)	118
Successful Vaccinations (over 2)	22
Insusceptible to Vaccination (under 2)	4
Insusceptible to Vaccination (over 2)	2
Exempted from Vaccination	0

The number of vaccinations carried out by this Department at its Clinics during this period was 45.164 (Eur. 11,991; Bantu 10,627; Col. 4,902; As. 17,644.)

This very high figure was due to a mass vaccination campaign in the City following the discovery of the Bantu case of Smallpox.

(c) DIPHTHERIA.

The total number of cases notified in 1962 was 17, as compared with 14 last year. There were no deaths this year from this disease.

The immunisation history in 18 known cases (confirmed by Virulence tests) admitted to our hospitals during 1962 was as follows:-

Immunised	Non-Immunised
Total cases : 2 (1 Eur.: 1 Coloured)	Total cases : 16 (2 Eur.; 14 Bantu.)
Deaths : Nil	Deaths : 5 (0 Eur.; 5 Bantu.)

2,719 Immunisation ..../

DIPHTHERIA Cont'd.

2,719 Immunisation courses against Diphtheria were completed at the Infant Clinic Sessions, an increase on last year's figure of 2,019. (Eur. 705; Bantu 526; Col. 342; As. 1,146.)

Race	Pre-Inoculation Schick Tests	No. Positive	Post-Inoculation Schick Tests	No. Positive
European	5	2	60	10
Bantu	-	-	-	-
Coloured	-	-	-	-
siatic	-	-	-	-

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 1951:-

DIPHTHERIA

YEAR	EUROPEAN				BANTU				COLOURED				ASIATIC			
	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths
1951-June, 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	2	206	265	-	-	837	976	5	2
- " 1960	753	596	°11	1	703	197	1	1	210	243	2	-	748	1296	3	-
- " 1961	762	601	8	-	687	160	2	-	191	185	1	1	827	984	3	-
- " 1962	817	705	3	-	704	526	5	-	210	342	6	-	820	1146	3	-

* Includes 8 carriers
" Includes 6 carriers
o Includes 2 carriers
\- Includes 1 carrier

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

(d) SCARLET FEVER

12 Cases were notified as compared with 37 cases last year. The disease continued to be mild.

(e) CEREBRO-SPINAL MENINGITIS

2 Cases (1 Eur. and 1 Coloured) were notified during the year, as compared with nil last year.

(f) ANTERIOR POLIOMYELITIS

No cases were notified this year, as compared with 1 last year.

This Department switched over completely to the "Oral" Poliomyelitis Vaccine (Sabin) which was freely available and was offered to eligible age groups in all races as laid down by the State Health Department.

The ...../

ANTERIOR POLIOMYELITIS Cont'd.

The Vaccine is now given at the regular immunisation clinics held throughout the year. Reactions to the vaccines were few in number and in no case became serious. During 1962 this Department administered the following doses of the Oral Vaccine:-

	Oral Vaccine Total doses	No. of Pregnant Women Receiving Vaccine
Europeans	2,284	30
Bantu	1,317	1
Coloureds	861	16
Asiatics	2,865	28
TOTAL	7,327	75

The annual incidence of Poliomyelitis 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;	1960 - 6;
1961 - 1;	1962 - 0.			

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

No cases of Infective Encephalitis were notified.

(h) ENTERIC FEVER:

Only 3 cases were notified, 1 European, 1 Bantu and 1 Coloured, as compared with 10 cases last year.

42 Persons were immunised (31 European, 4 Asiatic and 7 Bantu), contacts of patients suffering from Typhoid Fever. (See also page 20, section (11) Milk Supplies.) In addition, employees of the City Engineer's Department in the Water Section are immunised yearly. (8 Europeans and 13 Bantu.)

(3) TUBERCULOSIS. (Pages 36-37).

Notifications of Pulmonary Tuberculosis totalled 137, a considerable increase on last year's total of 110, 12 of these being of Europeans. Notifications of Non-Pulmonary Tuberculosis totalled 5 (all Non-European), as compared with 7 last year.

89 Borough cases (1 European, 47 Bantu, 7 Coloureds and 14 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. 9.
King George V / Springfield Hospital	:	Eur.10; Bantu 1; As. 3.
Edendale Non-European Hospital	:	Bantu 28; As. 6.
S.A.N.T.A. Doris Goodwin Centre	:	Bantu 15.
F.O.S.A. Settlement	:	As. 1.
Other Hospitals	:	Eur. 1; Bantu 3; As. 1.

The ...../

TUBERCULOSIS. Cont'd.

The Natal Anti-Tuberculosis Association rendered assistance to 60 families in Pietermaritzburg (1 European, 46 Bantu, 12 Coloured and 1 Asiatic).

The following tables illustrate the trend in notifications and deaths from this disease over the period 1935 - 1962:-

PULMONARY TUBERCULOSIS

	NOTIFICATIONS						DEATHS					
	Eur.	Bantu	Col.	As.	All Non-Eur.	Total	Eur.	Bantu	Col.	As.	All Non-Eur.	Total
1935-June,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
- " 1960	8	92	10	30	132	140	0	10	0	2	12	12
- " 1961	4	80	3	23	106	110	1	6	2	1	9	10
- " 1962	12	107	18	30	155	167	1	3	1	2	6	7

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

NON-PULMONARY TUBERCULOSIS

	NOTIFICATIONS						DEATHS					
	Eur.	Bantu	Col.	As.	All Non-Eur.	Total	Eur.	Bantu	Col.	As.	All Non-Eur.	Total
1935-June,1936	3	3	1	6	10	13	1	2	0	2	4	5
1936- " 1937	2	8	0	5	13	15	1	4	0	3	7	8
1937- " 1938	5	10	3	6	19	24	3	1	2	3	6	9
1938- " 1939	1	3	0	3	6	7	0	2	0	2	4	4
1939- " 1940	2	3	1	3	7	9	1	2	1	0	3	4
1940- " 1941	3	2	0	3	5	8	2	1	0	0	1	3
1941- " 1942	2	7	2	7	16	18	1	3	1	3	7	8
1942- " 1943	1	3	4	2	9	10	1	1	1	3	5	6
1943- " 1944	1	4	0	3	7	8	0	5	1	3	9	9
1944- " 1945	2	6	1	8	15	17	0	3	2	5	10	10
1945- " 1946	1	5	3	3	11	12	1	4	1	3	8	9
1946- " 1947	1	8	3	2	13	14	0	11	3	3	17	17
1947- " 1948	*5	9	1	4	14	19	1	8	1	2	11	12
1948- " 1949	0	7	0	7	14	14	1	7	1	2	10	11
1949- " 1950	0	12	2	10	24	24	1	3	1	2	6	7
1950- " 1951	1	10	3	12	25	26	0	6	1	2	9	9
1951- " 1952	0	7	1	9	17	17	1	2	0	1	3	4
1952- " 1953	1	6	0	4	10	11	0	7	1	1	9	9
1954-Dec.,1954	1	7	0	5	12	13	0	2	0	3	5	5
-Dec.,1955	1	4	1	3	8	9	1	3	0	0	3	4
- " 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	5	1	2	7	7	1	3	0	1	4	5
- " 1960	0	1	2	2	5	5	0	4	0	0	4	4
- " 1961	0	3	0	4	7	7	0	1	0	1	2	2
- " 1962	0	2	1	2	5	5	0	0	0	0	0	0

* Includes 1 case also notified as Pulmonary Tuberculosis.

There ..../

NON-PULMONARY TUBERCULOSIS (Cont'd.)

There was a marked upsurge in the total of notifications of this disease in all races this year, though the total of deaths was again less than in the previous year. The increase in notifications is probably largely due to increased case finding activity by this Department. Approximately 27% of the total expenditure by this Department was under the head "Anti-Tuberculosis Measures" (26% last year).

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 43 for detailed breakdown of these figures).

	European	N-European	Total
Referred ex Bantu Pass Office med. exam.	-	13,661	13,661
Referred for Pre-employment X-Ray	109	382	491
Referred by Employers	333	1,856	2,189
Referred by Doctors	250	948	1,198
Referred by Health Visitor	158	836	994
Applied Voluntarily for Miniature X-Ray	561	277	838
Follow-up X-Rays of cases attending Municipal Clinics or in T.B. or other Hospitals	96	1,443	1,539
Total Persons X-Rayed	1,507	19,403	20,910

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.	25	273	298
Arrested cases of Pulmonary T.B.	3	14	17

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 old enough 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 Bantu passing through the Municipal Registration Medical Examination have a Miniature X-Ray as a routine. This year's figures show that 543 out of a total of 13,118 Bantu (i.e. 41% were referred from the Pass Office for further investigation at the T.B. Clinic).

THE TUBERCULOSIS CLINIC (Page 42).

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

During the year there were 4,217 attendances at the Clinic (including 1,712 Out-of-Borough cases), as compared with last year's total of 2,632. All contacts are now referred first of all to the Miniature X-Ray Clinic or Heaf or Mantoux tested in the case of children 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.

THE TUBERCULOSIS CLINIC (Cont'd.)

B.C.G. immunisation of infants was continued at the Sobantu Village during the year on newly born infants, infants up to the age of 2 who attended our Infant Welfare Clinics, and on contact cases. All Tuberculin tests are now carried out by the "Heaf Gun" method and read after 7 days.

'Heaf' Tuberculin Tests (Bantu)		B.C.G. inoculation (Hypodermic method) (Bantu)	'Heaf' Tuberculin tests following B.C.G. administration (Bantu)	
Positive	30	187	Positive	21
Negative	194		Negative	6
Doubtful	5		Doubtful	-
Not Read	21		Not Read	2
Total	250		Total	29

Out-Patient continuation treatment with Oral Anti-Tuberculosis drugs 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. Most local cases are able to commence treatment with a period of hospitalisation.

During the year 3 European, 39 Bantu, 5 Coloured and 10 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 42). 2 European patients were given Streptomycin at home. 2 Bantu patients received their injections at their place of employment.

4,576 Visits were made to tuberculotics and contacts in their homes, (Borough cases only), as compared with last year's total of 2,984.

The following notified cases were on our Tuberculosis Register as at 31st December, 1962. (1961 figures in brackets for comparison):-

	Eur.	Bantu	Col.	As.	All N-Eur.	Total
Pul. T.B.	135 (122)	782 (672)	102 (82)	301 (267)	1,185 (909)	1,320 (1027)
N-Pul T.B.	18 (7)	28 (24)	9 (9)	36 (35)	73 (66)	91 (73)

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

Admissions totalled 158, 68 Borough cases (47 Bantu, 7 Coloured and 14 Asiatic) and 90 Out-of-Borough cases (79 Bantu, 7 Coloured and 4 Asiatic), as compared with 63 Borough and 65 Out-of-Borough cases last year.

There has been no difficulty 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 47-51).

(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 the Public Health Department for Europeans and at the Municipal Clinic in East Street for Non-Europeans. Separate Clinic Sessions are held for European Males, European Females and Bantu Females. A combined session is held for Coloured and Asiatic Females, and a combined session is held for Coloured, Asiatic and Bantu Males. One European Health Visitor (half-time only), 1 Bantu Nurse, and 2 Bantu Health

Assistants ..../

(4) VENEREAL DISEASE (Cont'd.)

Assistants, assist at the Clinics. Two Bantu 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 Bantu Health Assistants who deal with Bantu 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				BANTU				COLOURED				ASIATIC			
n.-Dec.	WR's done	% Pos	VD.RL Screen Tests	% Pos	WR's done	% Pos	VD.RL Screen Tests	% Pos	WR's done	% Pos	VD.RL Screen Tests	% Pos	WR's done	% Pos	VD.RL Screen Tests	% Pos
1958	300	1.3%	-	-	-	-	-	-	304	5.6%	-	-	1207	2.3%	-	-
1959	291	2.8%	-	-	-	-	-	-	156	9.6%	-	-	725	5%	-	-
1960	346	5.8%	-	-	-	-	-	-	286	9.1%	-	-	1111	4.8%	-	-
1961	376	1.9%	-	-	-	-	-	-	325	18.8%	-	-	1343	8.2%	-	-
1962	1148	8.9%	1169	8.5%	167	18.6%	172	25.6%	682	13.4%	686	18.4%	1237	5.2%	1252	16.6%

Bantu Ante-Natal Clinics have been transferred to Edendale Hospital in 1953, and are no longer held in Pietermaritzburg.

A small Ante-Natal Clinic is held in the Sobantu Village for Bantu 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 : 142 WRs. Positive : 29 (20.4%)

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

	EUROPEAN				BANTU				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
1954	2.1	-	0.3	-	3.8	3.6	2.8	2.6	3.8	2.2	-	10.2	3.0	2.4	-	9.3
1955	2.1	5	0	0	3.1	3.9	2	2.3	3.3	4.3	1.3	4.7	2.7	1.1	1	3.5
1956	2.5	3.3	0	0	3.7	4.4	2	2.6	3.7	4.4	1	2.7	2.3	2.6	-	-
1957	3.5	8.5	0	0	3.8	4.2	2.3	2.4	1.7	4.0	1	4	3.0	5.0	1	4.4
1958	2.3	4.1	0	0	3.2	4.7	2.5	2.6	2.5	6.0	1.1	3.8	2.7	4.7	-	1.6
1959	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
1960	3.8	3.0	0	2	2.8	3.4	1.3	1.8	1.8	4.0	1.8	1.8	3.1	2.9	2	2.6
1961	5.2	4.2	0	1	3.1	-	1.3	2.7	1.9	4.6	1	2.3	1.6	4.1	1	2.4
1962	5.1	10.3	0	2	3.1	4.9	1.7	2.3	6.9	3.4	1	1.7	2.8	2.7	1.5	2.7

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 an increase in Clinic Attendances for 1962, there being 4,871 attendances during the year, as compared with last year's total of 3,767. 1,740 Home Visits were paid to cases of Venereal Disease during the year as compared with 1961 total of 1,081.

EPIDEMIC HOSPITAL (Non-European V.D.) Cont'd.

Admissions to this hospital totalled 700, an increase on last year's total of 544. The daily average of in-patients totalled 11 as compared with last year's figure of 7. There has been a steady increase in the number of admissions to this hospital since 1955, when the lowest total of admissions was recorded, viz. 358. The increase in Venereal Disease in recent years has been noted all over the world, and the tremendous drop in incidence due to the use of penicillin now appears to have ended.

Past figures of admission to this hospital have been as follows:-

1951-2 : 1312; 1952-3 : 910; 1954 : 561; 1955 : 358; 1956 ; 396;
1957 : 443; 1958 : 413 1959 : 460; 1960 : 456; 1961 : 544.

The re-admissions for this period numbered 52, i.e. 7.4% of admissions as compared with 8.1%, 5.7%, 13.8% and 9.3% 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) Patients re-admitted suffering from forms of V.D. other than that originally admitted for	1	0	1
2) Relapsed though attended clinic fairly regularly	13	5	18
3) Reinfected after discharge	21	12	33

Approval is now being sought for the building of a new Clinic adjoining the recently built Infant Welfare Clinic building in Boom Street. This site is directly opposite the Provincial Non-European Out-Patient Clinic (Bantu and Asiatics), and the clinic is designed to be used both for Tuberculosis and Venereal Diseases sessions. It has been designed so that separate Male and Female sections can be used concurrently, so that Male and Female V.D. sessions can be conducted at the same time, but separately, thus using the same staff more fully. It will permit the holding of a second male clinic session each week.

(5) PLAGUE.

No cases of Plague occurred during the year. Regular inspection of new shops and warehouses in the course of erection has been carried out and their rodent-proofing has been supervised. No rodent work has been carried out on commonage, but the rodent-proofing of existing infested premises has been dealt with intensively. A single Departmental Rodent Officer devotes all his time to anti-rodent measures, rodent-proofing, trapping and poisoning (with Zinc Phosphide and also with Warfarin - Pivalyl Liquid Rodenticide). Cyanogas pumping is also employed.

There are 3 Grain Stores in the City; all are now rodent-proofed. There are 2 mills in the City. Rodent-proofing measures were supervised in one.

Trapping operations by Rodent Inspector: 12. Rodents trapped 23
Poisoning " " " " 240. Rodents Poisoned:
(Bodies recovered) ..... 63.
(Amount of Poison meal used) 164 lbs.

Gassing operations by Rodent Inspector : 18. Bodies recovered 41
18 Dwellings completed rodent-proofing - 36 inspected.
96 Business premises, hotels, shops and stores rodent-proofed - 210 inspected.
Stables - 3 inspected; 1 rodent-proofed.

New buildings in course of erection supervised for rodent-proofing : 28.

Vacant ...../

PLAGUE. Cont'd.

Vacant Land gassed : 9.
Premises inspected prior to demolition : 13.
Premises gassed prior to demolition : 3.
Premises poisoned prior to demolition : 7.

(6) RABIES:

Further positive cases of Rabies were found in dogs in Pietermaritzburg at the beginning of the year, but not subsequently. Natal, however, is not clear of infection yet and the Veterinary restrictions and compulsory inoculation of dogs is still in force in Pietermaritzburg. No human cases of Rabies have occurred in Pietermaritzburg.

(7) OTHER COMMUNICABLE DISEASES:

(I) MALARIA

Control by spotting of larvae and spraying of selected breeding spots has again been carried out in the Borough. No malarial mosquito vectors were discovered inside the Borough and no new infections of malaria occurred within the Borough. No imported cases of malaria were notified.

Permanent work on the 'Malarial' drains was continued in the off season.

Spraying was carried out to keep down the Anopheline population in known breeding areas and to deal with Culicine breeding which was causing a nuisance, D.D.T. suspension being used with satisfactory results.

(II) BILHARZIA

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

Snails examined : 318
Physopsis Africana identified : 10

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 23 deaths, (15 Bantu, 1 Coloured and 7 Indian), as compared with 29 last year.

(IV) MUMPS

This disease was moderately prevalent in both European and Non-European children during the year, 19 cases being admitted to the Isolation Hospitals.

(V) MEASLES

This disease was very prevalent in school children this year. 44 European and 10 Non-European Borough cases being admitted to the Isolation Hospitals. 1 Asiatic death was recorded from this disease.

(VI) GERMAN MEASLES was fairly moderately prevalent this year. 10 European cases and 1 Coloured case were admitted to the Isolation Hospitals.

(VII) CHICKEN POX

This disease was not very prevalent, 13 European and 10 Non-European cases being admitted to the Isolation Hospitals.

(VIII) WHOOPING COUGH ...../

(VIII) WHOOPING COUGH

This disease was prevalent during the year, and no deaths were reported. Immunisation was carried out at the Infant Welfare Clinics, using a combined Whooping Cough and Diptheria Vaccine. (See page 21).
9 Non-European cases were admitted to our Infectious Diseases Hospitals from outside the City, and 4 European cases and 1 Coloured case were admitted from the City area.

(IX) INFLUENZA:

Influenza was very prevalent in the City during the winter months June and July. It did not, however, reach serious epidemic proportions and did not cause any serious dislocation of services. There were 3 European deaths and 1 Coloured death from the disease, as compared with last year's nil figure.

(8) 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 before filtration. After filtration the water is sterilised with Chloramine before being distributed to the 8 storage reservoirs.

The supply from the Purification Works and each of the service reservoirs has been bacteriologically examined each week by the bio-chemist in charge of the Purification Works. All employees at the Purification Works are Vi-tested and immunised 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 total storage capacity of the Henley Dam is 1,420 million gallons providing an assured daily yield of 8½ million gallons. The present consumption in Pietermaritzburg is approximately 5.7 million gals. per day.

(9) 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 sewerage farm about 3 miles from the centre of the Town. The City Council acquired adjoining land, in order to extend the area available for sewerage disposal, and a modern filtration plant was completed in 1956.

(10) MEAT SUPPLIES (See pages 60-62)

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. 192 Inspections of Butchers' shops and 7 inspections of Butchers' carts were made by the Department's Health Inspectors, in addition to many inspections made by the Abattoir staff. A list of meat, fish and fowl condemned after inspection is shown on pages 57-59.

The Abattoir Manager reports that during the year 100,102 animals were slaughtered, a sharp increase on the 1961 total of 93,169. 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.

(10) MEAT SUPPLIES Cont'd.

Health Inspectors from the Department have had to help out by carrying out Meat Inspection duties at the Abattoir owing to shortages of Abattoir Staff. Towards the end of the year an additional Meat Inspector's post was created at the Abattoir. A qualified European Slaughterman supervises the work of the Bantu 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
1952-53	11,438	7.03	0.62	2,345	4.64	1.02	2,470	1.65	1.21
1953-54	11,578	9.21	1.5	2,554	3.13	1.33	3,154	1.04	0.91
1954-55	99,271	9.35	1.4	1,643	3.59	1.82	3,385	1.35	1.21
1956	13,626	8.66	1.4	1,814	4.35	1.92	3,715	1.02	0.88
1957	13,217	7.23	0.98	1,990	4.02	1.7	4.050	0.83	0.69
1958	15,227	5.54	1.13	2,510	5.30	2.35	4,858	0.98	0.84
1959	16,627	8.68	1.11	2,767	3.25	1.55	5,280	1.79	1.60
1960	17,165	8.3	1.6	3,410	3.7	1.6	5,833	1.9	1.7
1961	17,265	7.1	1.3	3,267	2.4	1.25	5,986	0.6	0.5
1962	18,304	7.8	1.3	3,530	4.16	1.61	5,969	0.93	0.83

(11) MILK SUPPLIES (Page 55)

The milk supply has been carefully controlled throughout the year. It was derived from 41 producer-distributors, 11 in the Borough, and 30 Out-of-Borough, and 81 producers, 2 Borough and 79 Out-of-Borough, who send their milk to two pasteurisation plants 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 70% of the milk sold in Pietermaritzburg was pasteurised.

There are 10 cream suppliers, of whom 5 are in the Borough and 5 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 laboratory the same day as taken.

551 Vi-tests were done on dairy employees; 1 was found positive and 3 were check retested, but finally found to be positive. 452 Dairy personnel (1 Eur., 428 Bantu and 23 Asiatics) were immunised against Typhoid Fever, 704 inoculations being given.

(12) OTHER FOODS SUPPLIES (Pages 55-59)

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 57-59). 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 63. Careful attention is paid to storage conditions, particularly to rodent-proofing, and there is a considerable improvement in this connection. 297 Inspections of the Borough Market and 3488 inspections of other premises manufacturing or handling food were made. (Pages 64-66)

Food ...../

(12) OTHER FOOD SUPPLIES (Cont'd.)

Food and Drugs Act. (Pages 55-56)

Under the Food, Drugs and Disinfectants Act, 88 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 8.5% Solids-not-Fat.

Ice Cream: 3 Samples : All in accordance with standard laid down of 10% Fat.

Cream: 9 Samples: All in accordance with standards laid down.

Mince Meat: 24 Samples: 19 samples in accordance with standards laid down. 5 samples contained preservative.

Sausage: 5 Samples: All in accordance with standards laid down.

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

In the case of the defective Solids-not-Fat Milk Sample and the adulterated Mince Meat Samples, prosecution was instituted.

Outbreaks of Food Poisoning.

No episodes of food poisoning were reported. One report was received of illness due to an allergic reaction to a dried milk.

(13) MATERNITY AND CHILD WELFARE: (Page 54)

The European Infantile Mortality Rate of 14.7 was a little higher than last year's record low figure of 11.8. This is still a very low figure.

The Coloured Infantile Mortality Rate of 28.6 was a little higher than last year's figure of 20.9.

The Bantu Infantile Mortality Rate was 81.0 a decrease on last year's figure of 107.7, but this figure must be regarded as unreliable.

The Asiatic Infantile Mortality Rate was 35.4 as compared with 41.1 last year.

The main causes and age groupings of Infantile Mortality in the different races are shown on pages 34-35.

In Europeans prematurity was again the main cause accounting for approximately 60% of the Infantile deaths. Prematurity, Diarrhoea and Enteritis and Broncho-Pneumonia were again 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 small 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. 2719 Children were immunised against Diphtheria (European 705; Bantu 526; Coloured 342; Asiatic 1146), as compared with 2019 last year.

Of the total given above 498 European, 214 Bantu, 220 Coloured and 414 Asiatic infants were immunised against Whooping Cough and Tetanus at the same time as against Diphtheria. (See page 10-11)

Child .../

(13) MATERNITY AND CHILD WELFARE (Cont'd.)

Child Welfare Clinic attendances have been as follows:-

	European	Bantu	Coloured	Asiatic
1952 - 53	8,211	5,115	1,921	5,580
1954	6,577	4,674	1,743	4,872
1955	5,926	7,023	1,984	6,012
1956	7,034	7,764	1,984	6,514
1957	6,884	6,928	2,245	6,870
1958	7,798	7,408	2,052	7,673
1959	8,946	8,864	2,701	8,544
1960	8,406	9,592	2,601	9,756
1961	7,761	8,650	2,284	9,141
1962	9,135	12,626	2,915	11,691

Infant Welfare Clinics.

A new Infant Welfare Clinic building for Non-Europeans was built for this Department in Boom Street by the City Engineer's Department at a completed cost of R15,763-00. This building provides adequate room for Clinics for all 3 Non-European races and special provision has also been made for Immunisation. It was found to be most useful for the emergency Smallpox vaccination campaign conducted this year. This clinic is almost exactly the same design as the clinic built last year for Asiatics in the new Northdale Housing development. A much smaller clinic was also built last year for Coloureds in the new municipal housing scheme at Woodlands.

Vaccination: (See page 10)

Maternal Mortality.

No deaths were recorded from this cause.

The Midwifery Training School at Grey's Hospital provides midwifery services for Europeans, Coloureds and Asiatics in the wards of Grey's Hospital, and district Midwifery Services in Pietermaritzburg for Europeans, Coloureds and Asiatics. In addition, Ante-Natal Clinic Services for these races are provided.

A new regular weekly Ante-Natal Clinic session has been commenced in Northdale, the Asiatic Municipal Housing Scheme, in the Infant Welfare Clinic building recently built by the City Council. This facilitiy has been granted free of charge by the City Council.

The Bantu Maternity Wards and Ante-Natal Services are provided at the Provincial General Hospital at Edendale. Bantu District Midwifery is carried out in the Sobantu Village by the Municipal Bantu Midwife.

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

Borough Cases.

(a) Ante-Natal Clinic Attendances.		(b) District Midwifery Visits.		(c) Post-Natal Clinic Attendances.	
Europeans :	2,742	Europeans :	657	Europeans :	197
Coloureds :	1,915	Coloureds :	1,590	Coloureds :	170
Asiatics :	8,974	Asiatics :	6,942	Asiatics :	498
TOTAL	13,631	TOTAL	9,189	TOTAL	865

(d) District Confinements.

Europeans, 22; Coloureds, 86; Asiatics, 387; Total, 495.

The ..../

(13) MATERNITY AND CHILD WELFARE. (Cont'd.)

The Municipal Bantu Midwife conducted 93 confinements and paid 1,537 visits in connection with confinement cases (503 Ante-Natal and 1,034 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
130	517	142	29	114	11

3 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 1938, 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, but she did not conduct any confinements during the year.

(14) BY-LAW NOTICES AND PROSECUTIONS (Pages 64-67).

3,494 Notices and formal letters were served regarding breaches of the Borough By-Laws. 22 Prosecutions were initiated in the Magistrate's Court, as detailed on page 67. The total of inspections carried out this year was 21,933 as compared with 22,147 last year. Health Inspectors were also diverted to the Abattoir at times to assist with Meat Inspection duties because of shortage of staff.

(15) OTHER MATTERS OF HEALTH AND SANITATION.

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

Complaints from Burgesses: 234 complaints were received and dealt with.

Medical Examination of Bantu:

Number Examined	Referred to TB Clinic after Min. X-Ray (See p. 46)	Rejected V.D.	Rejected Other Causes	Vaccinated
Male : 20,593	543	159	1	
Female : 43	-	3	-	
TOTAL : 20,636	543	162 (0.8%)	1	19,554

The number of Bantu 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 Bantu attending the Medical Examination sessions, unless they have been X-Rayed within the preceding 6 months.

Sobantu ...../

15) OTHER MATTERS OF HEALTH AND SANITATION Cont'd.

Sobantu (Bantu) 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 Bantu 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	:	3,014
Re-attendances at Dispensary	:	374
Home Visits	:	916
Surgical Dressings	:	3,884

The Council's trained Bantu District Nurse carried out a total of 3,791 Home Nursing Visits, 466 New cases being registered this year.

Health Propaganda:

Our Envelopes all carry Diphtheria immunisation slogans. Considerable publicity was obtained through the press for Oral Poliomyelitis Vaccination and when Rabies was reported. Circulars have been sent through the Electric Light Accounts to practically every household in Pietermaritzburg on the following subjects:- "Rabies","X-Ray to prevent Tuberculosis". Groups of Nurses have been shown over the Abattoir during their training.

(16) STAFF:

The Staff of the Department at 31st December, 1962, 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	:	J.M. Lalor, M.B., B.Ch.
Chief Clerk	:	E. Bastow
Clerk	:	E. D. Gafney
Junior Clerk	:	Miss S. M. Ward
Senior Woman Clerical Asst.	:	Miss E. M. Hughes
Junior Woman Clerical Assts.	:	Miss Y. W. Gafney
		Miss N. E. Wilkinson
		Miss A. D. Cameron

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.
	:	A.M.H. King, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.
	:	J.A. Lourens, Cert. R.S.I.
	:	Position Vacant

Bantu ...../

16) STAFF Cont'd.

Bantu Health Inspector	:	R. Mntungwa, Cert. R.S.I.
Malaria Officer	:	R. F. Fryer.
Rodent Officer	:	G. Fairfield.

Handyman & Transport Officer.
1 Indian Fumigation Assistant.

HEALTH VISITING STAFF

Senior Health Visitor	:	Miss E.M. McDougall, Health Visitor's Cert. (Scotland); Health Visitor's Cert. R.S.I., Mothercraft Cert. (New Zealand).
Health Visitors	:	Miss M. W. Marwick, Mothercraft Cert.
	:	Miss E.E. Holcomb, Health Visitor's Cert. R.S.I.; Mothercraft Cert.
	:	Mrs. M. Campbell, 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, Health Visitor's Cert. R.S.I.
	:	Mrs. B.A. Mitchell, Health Visitor's Cert. R.S.H.
Clinic Sister	:	Mrs. E. Friedlander, Health Visitor's Cert. R.S.H.
Clinic Clerks	:	Mrs. A. C. Ferguson.
	:	Mrs. E. Forson.
Bantu Health Visitor	:	Mrs. M. Mokhali, Health Visitor's Cert. R.S.H.
Asiatic Health Visitor	:	Mrs. S. Badrudeen, Health Visitor's Cert. R.S.H.

BANTU NURSING AND HEALTH ASSISTANT STAFF

Bantu Nurse (Sobantu Village Dispensary).....	:	Nurse Sophia Masongoa, Health Visitor's Cert. R.S.I.
District Bantu Nurse	:	Nurse Lulu Ngubane, S.A.N.C. Cert. (General & Midwifery).
District Bantu Midwife	:	Nurse I. Ngcobo, S.A.N.C. Cert. (General & Midwifery).
Bantu Health Assistants	:	G. Rodolo, S. Mokoena and M. Hlongwane.

ISOLATION HOSPITAL

Matron	:	A. E. Konstam (Acting)
Sisters	:	J. Bassage, D. Cheesman, Position Vacant.
Night Sister	:	K. E. Koen.
Probationer Nurses	:	M. Piek, A. Herbst.
1 Housekeeper	:	Mrs. C. Crawley.

14 Domestic Servants
1 Bantu Night Watchman

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

Matron	:	C. le Steers.
Male Nurse	:	Vacant.
1 Housekeeper	:	Mrs. A. Roberts.
Coloured Staff Nurse	:	1
Bantu Staff Nurses	:	10 (inc. 2 Male Staff Nurses).
Bantu Probationer Nurses	:	8
Bantu Domestic Staff	:	27
Bantu Night Watchman	:	1

EPIDEMIC ...../

(16) STAFF Cont'd.

EPIDEMIC HOSPITAL.

Male Nurse	:	Vacant
Bantu Staff Nurse	:	Position Vacant.
Bantu Orderlies	:	2
Night Watchman	:	1
Bantu Cook	:	1

ABATTOIR

Manager	:	R. M. Brock, 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.
Slaughterman	:	P. B. Bearpark.
Maintenance Fitter	:	H. Schoeman.

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REPORT B.

(1) HOUSING.

The City Council built 1 dwelling only for European occupation.

Powers under the Borough By-Laws have been exercised sparingly in dealing with insanitary dwellings, owing to the acute Non-European housing shortage. 21 Dwellings were condemned for demolition under Public Health By-Law 17, 20 of these being demolished by the end of the period under review, and 41 dwellings were voluntarily demolished mostly to make way for new buildings.

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 and not yet dealt with	Total Submitted
1962	465	52	27	89	643

New Buildings.

The City Engineer reports that 49 dwellings and 26 flats (2 blocks) were completed for Europeans, 91 flats (7 blocks) for Asiatics, and 35 dwellings were built for Non-Europeans (13 Coloureds and 22 Asiatics). These dwellings were provided by private enterprise.

(2) HOUSING OF BANTU, BANTU 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 10,000. Water is supplied partly by individual house reticulation and partly by communal standpipes from the Corporation Water Supply. Sanitation is by water-borne sewerage, separate for each house, except for a small low-lying section of the Village which is still served by the pail system. 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 for expansion available at the Sobantu Village, the Government will not permit the extension of this scheme and the Economic Houses constructed 6 years ago are the last houses to be built at this Village. All the houses at the Sobantu Village have been built by Bantu labour, under European supervision. The Council has under consideration a scheme for a new Bantu Village at Slangspruit, and while negotiations are proceeding in this matter, the Sobantu Village is bulging at its seams. Its population is steadily increasing, the present estimate of 10,000 comparing with a figure of 9,000 two years ago.

There are three Corporation Hostels for single Bantu. For Males there is a newly extended East Street Hostel (and annexes) now housing 2,300 Bantu, and the Ortman Road Hostel with a capacity of 103. The Women's Hostel in Church Street houses 430 women, and an additional Women's Hostel housing 200 Bantu has been established at Oribi to serve the Government Village mainly. These Hostels are under the control of the Department of Bantu Administration, 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. 689 Temporary Licences were granted during the year to house unexempted Bantu under the Bantu (Urban Areas) Act, pending the provision of more accommodation.

The .../

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

The Council has also provided the following Bantu Compounds:-

Wattles Department : 4(Cement-block) buildings for males (housing 80 Bantu males); and 3(Cement-block) buildings for females (seasonal labour, housing 60 Bantu females).

City Engineer's Department - Sewage Farm : 2 (brick) buildings housing 53 Bantu males.

About 60% of the Bantu 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 Housing.

The Corporation owns one compound housing farm workers. This compound consists of 26 houses and 6 rooms, well constructed in brick, and houses Asiatic Labourers, together with their wives and families, totalling 308 persons.

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

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

The following estimates of housing needs based on recent surveys of the housing needs of the City were supplied by the Estates Manager:-

A. Coloured Housing.

The 1962 estimate of "Sub-economic" requirements was 109 houses. The requirement for "economic" housing was estimated as 101.

B. Asiatic Housing.

The 1962 estimate of "Sub-economic" housing required for Asiatics was 318 houses. The last estimate of "Economic" housing required (1961) was 437 houses.

C. Bantu Housing.

The estimated housing needs for the Bantu population (figures supplied in 1961 by the Director, Department of Bantu Administration) are as follows:-

Married Quarters	:	1,000 Houses.
Single Quarters	:	3,000 Houses.

New Council Housing Schemes:

A scheme of 411 'economic' and 'sub-economic' houses for Asiatics was completed during 1961 at Northdale.

Further Housing Schemes for 'economic' houses for Asiatics and Coloureds in Northdale and Woodlands respectively have been approved by the City Council.

A scheme for 234 'economic' houses for Asiatics and 108 'economic' houses for Coloureds has been submitted by Council to the National Housing Council for approval.

Negotiations for the acquisition of land for the new Bantu housing scheme at Imbali (Slangspruit) are still not completed but it is hoped this scheme will be commenced in 1963.

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DEATHS

The detailed International List of Causes of Death as adapted for use in the Republic 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			BANTU* RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
INFECTIVE AND PARASITIC DISEASES.												
. Pulmonary Tuberculosis	1	0	1	2	1	3	1	0	1	2	0	2
. Tuberculosis Meninges & C.N.S.	0	0	0	0	0	0	0	1	1	0	0	0
. Tuberculosis of intestines. peritoneum & mesenteric glands	0	0	0	0	0	0	0	0	0	0	0	0
. Tuberculosis of bones and joints	0	0	0	0	0	0	0	0	0	0	0	0
. T.B. of other organs	0	0	0	0	0	0	0	0	0	0	0	0
. Disseminated Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0
. Congenital Syphilis	0	0	0	0	0	0	0	0	0	0	0	0
. Other Cardiovascular Syphilis	0	0	0	0	0	0	0	0	0	0	0	0
. Typhoid Fever	0	0	0	0	0	0	0	0	0	0	0	0
. Bacillary Dysentery	0	0	0	0	0	0	0	0	0	1	0	1
. Amoebiasis	0	0	0	1	0	1	0	0	0	0	0	0
. Septicaemia and pyaemia	0	0	0	1	0	1	1	1	2	0	0	0
. Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0
. Whooping Cough	0	0	0	1	0	1	0	0	0	0	0	0
. Meningococcal Infections	0	0	0	0	0	0	0	0	0	0	0	0
. Tetanus	0	0	0	0	0	0	0	0	0	0	0	0
. Gas gangerene	0	0	0	0	0	0	0	0	0	0	0	0
. Measles	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL : GROUP I	1	0	1	5	1	6	2	2	4	3	1	4
NEOPLASMS.												
Maglignant Neoplasm of:-												
. Oral Nasopharynx	1	0	1	0	0	0	0	0	0	0	0	0
. Pharynx, unspec.	1	0	1	0	0	0	0	0	0	0	0	0
. Stomach	4	1	5	0	0	0	0	0	0	1	0	1
. Small intestine including duodenum	0	0	0	0	0	0	0	0	0	0	0	0
. Large intestine, excluding rectum	4	5	9	0	0	0	0	0	0	1	1	2
. Rectum	0	0	0	0	1	1	0	0	0	0	0	0
. Biliary passages and liver	0	1	1	0	0	0	0	0	0	0	0	0
. Liver (secondary and unspecified)	2	1	3	1	0	1	0	0	0	0	0	0
. Pancreas	1	0	1	0	0	0	0	0	0	0	0	0
. Peritoneum	0	1	1	0	0	0	0	0	0	0	0	0
. Larynx	1	0	1	1	0	1	0	0	0	0	0	0
. Trachea, bronchus and lung - primary	0	0	0	0	0	0	0	0	0	0	0	0
. " " " " - unspec.	3	1	4	0	0	0	0	0	0	0	0	0
. Breast	0	3	3	0	0	0	0	0	0	0	0	0
. Cervix Uteri	0	2	2	0	0	0	0	0	0	0	0	0
. Corpus Uteri	0	1	1	0	0	0	0	1	1	0	0	0
. Ovary, Fallopian tube & broadligt.	0	3	3	0	0	0	0	0	0	0	0	0
. Prostate	1	0	1	0	0	0	0	0	0	1	0	1
. Testis	1	0	1	0	0	0	0	0	0	0	0	0
. Other & Unspec. male genital organs	0	0	0	0	0	0	1	0	1	0	0	0
. Kidney	1	0	1	0	0	0	0	0	0	0	0	0
. Bladder & other urinary organs	1	1	2	0	0	0	0	0	0	0	0	0
. Malignt. Melanoma of Skin	0	0	0	0	0	0	0	0	0	0	0	0
. Bone	1	2	3	1	0	1	0	0	0	0	0	0
. Secondary and unspecified malig. of lymph nodes	0	1	1	0	0	0	0	0	0	0	0	0
. Other & unspec. sites	0	0	0	0	0	0	0	0	0	0	1	1
. Lymphosarcoma and reticulosarcoma	1	0	1	0	0	0	0	0	0	0	0	0
. Hodgkins disease	1	0	1	0	1	1	0	0	0	1	0	1
. Leukaemia and aleukaemia	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL : GROUP II	24	23	47	3	2	5	1	1	2	5	2	7
Total C/Forward	25	23	48	8	3	11	3	3	6	8	3	11

* The Bantu death registrations must be regarded as incomplete.

DEATHS Cont'd.

	EUROPEAN RESIDENTS			BANTU* RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	25	23	48	8	3	11	3	3	6	8	3	11
1) ALLERGIC ENDOCRINE SYSTEM. METABOLIC AND NUTRITIONAL DISEASES.												
1. Asthma	1	0	1	0	0	0	0	0	0	1	0	1
2. Thyrotoxicosis	0	0	0	0	0	0	0	0	0	0	0	0
4. Other dis. thyroid gland	0	0	0	0	0	0	0	0	0	0	0	0
5. Diabetes Mellitus	0	2	2	1	0	1	0	1	1	3	3	6
6. Dis. of adrenal glands	0	0	0	0	0	0	0	0	0	0	0	0
7. Pellagra	0	0	0	0	0	0	0	0	0	0	0	0
8. Other Avitaminoses & nutritional deficiency states	0	0	0	1	5	6	0	0	0	0	1	1
TOTAL : GROUP III	1	2	3	2	5	7	0	1	1	4	4	8
) DISEASES OF THE BLOOD.												
0. Pernicious & hyperchromic anaemias	0	0	0	0	0	0	0	0	0	0	0	0
1. Iron deficiency anaemias	0	0	0	0	0	0	0	0	0	0	0	0
2. Other anaemias, specified type	0	0	0	0	0	0	1	0	1	0	0	0
3. Anaemia, unspecified type	0	0	0	0	0	0	0	0	0	0	0	0
5. Haemophilia	0	0	0	0	0	0	0	0	0	0	0	0
6. Purpura & other haemorrhagic condns.	0	0	0	0	0	0	0	0	0	0	0	0
9. Other dis. of blood & blood form.org.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP IV	0	0	0	0	0	0	1	0	1	0	0	0
) MENTAL, PSYCHONEUROTIC & PERSONALITY DISORDERS.												
4. Senile Psychosis	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP V	0	0	0	0	0	0	0	0	0	0	0	0
) DISEASES OF THE NERVOUS SYSTEM												
0. Subarachnoid haemorrhage	1	1	2	0	0	0	0	0	0	2	0	2
1. Cerebral haemorrhage	13	13	26	3	0	3	1	1	2	5	7	12
2. Cerebral embolism & thrombosis	7	8	15	0	0	0	0	1	1	0	2	2
4. Other vascr. les. of C.N.S.	0	1	1	0	0	0	0	0	0	0	0	0
0. Meningitis	0	0	0	1	2	3	0	1	1	0	1	1
2. Intracranial & intraspinal abscess	1	0	1	0	0	0	0	0	0	0	1	1
3. Epilepsy	0	0	0	0	0	0	0	0	0	1	0	1
5. Other diseases of brain	0	0	0	0	0	0	0	0	0	0	0	0
6. Motor Neurone dis. & muscular atrophy	0	0	0	1	0	1	0	0	0	0	0	0
7. Other dis. of spinal cord	1	0	1	0	0	0	0	0	0	0	0	0
1. Otitis media without mastoiditis	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP VI	23	23	46	5	2	7	1	3	4	8	11	19
I) DISEASES OF THE CIRCULATORY SYSTEM.												
4. Other endocarditis - Rheumatic	1	1	2	0	0	0	0	0	0	0	0	0
5. Other myocarditis - rheumatic	1	1	2	0	0	0	0	0	0	0	0	0
6. Other heart dis. spec. rheumatic	0	0	0	0	0	0	0	0	0	0	0	0
0. Arteriosclerotic heart dis. inc. Coronary Thrombosis	42	26	68	1	0	1	0	2	2	14	5	19
1. Chron. endocarditis not spec. rheum.	0	0	0	0	0	0	0	0	0	0	0	0
2. Other myocardial degeneration	3	3	6	0	0	0	0	0	0	1	1	2
0. Acute & subac. endocarditis	0	0	0	0	0	0	0	0	0	0	0	0
1. Acute myocarditis - not rheumatic	2	1	3	0	0	0	0	0	0	0	0	0
2. Acute pericarditis - non-rheum.	1	0	1	0	0	0	0	0	0	0	0	0
4. Other & unspec. diseases of heart	13	15	28	2	3	5	1	1	2	13	7	20
0. Ess. Benign Hyperten. with heart dis.	0	0	0	0	0	0	0	0	0	0	0	0
1. Ess. mal. hyperten. with heart dis.	3	4	7	0	0	0	0	0	0	0	2	2
3. Other & unspec. hyperten. " "	0	0	0	0	0	0	0	0	0	0	0	0
5. Ess. Malig. Hyperten. without mention of heart	0	0	0	0	0	0	0	0	0	0	0	0
7. Other hypertensive disease without mention of heart	0	0	0	0	0	0	0	0	0	0	0	0
0. General arteriosclerosis	3	6	9	0	0	0	1	0	1	0	0	0
1. Aortic an. - non-syph. - & diss. an.	3	0	3	0	1	1	0	0	0	0	0	0
2. Other aneurysm exc. of heart & aorta	0	0	0	0	0	0	0	0	0	0	0	0
4. Arterial embolism and thrombosis	1	0	1	0	0	0	0	0	0	0	0	0
5. Pulmonary embolism & infarcation	6	5	11	0	1	1	0	0	0	0	0	0
TOTAL : GROUP VII	79	62	141	3	5	8	2	3	5	28	15	43
Total C/Forward	128	110	238	18	15	33	7	10	17	48	33	81

* The Bantu death registrations must be regarded as incomplete.

DEATHS Cont'd.

	EUROPEAN			BANTU*			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	128	110	238	18	15	33	7	10	17	48	33	81
(II) DISEASES OF THE RESPIRATORY SYSTEM.												
74. Acute laryngitis & tracheitis	0	1	1	0	0	0	0	0	0	0	0	0
80. Influenza with pneumonia	1	1	2	0	0	0	1	0	1	0	0	0
83. Influenza with nervous manifest.	0	1	1	0	0	0	0	0	0	0	0	0
90. Lobar pneumonia	2	3	5	2	2	4	0	0	0	0	0	0
91. Broncho-pneumonia	7	5	12	8	8	16	0	0	0	5	6	11
93. Pneumonia, other & unspecified	4	1	5	0	1	1	2	1	3	1	2	3
00. Acute Bronchitis	0	0	0	1	0	1	0	0	0	0	0	0
01. Bronchitis unqualified	0	1	1	0	0	0	0	0	0	0	0	0
02. Chronic bronchitis	0	0	0	0	0	0	0	0	0	3	2	5
18. Empyema	0	0	0	0	0	0	0	0	0	0	0	0
21. Abscess of lung	0	0	0	0	0	0	0	0	0	0	0	0
22. Pulm. congestion and hypostasis	1	2	3	0	2	2	0	0	0	0	0	0
26. Bronchiectasis	0	0	0	0	0	0	0	0	0	0	0	0
27. Other dis. of lung & pleural cavity	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP VIII	15	15	30	11	13	24	3	1	4	9	10	19
(I) DISEASES OF THE DIGESTIVE SYSTEM.												
10. Ulcer of the stomach	1	0	1	0	0	0	0	0	0	0	0	0
11. Ulcer of duodenum	2	0	2	0	0	0	0	0	0	0	0	0
15. Other dis. of stomach & duodenum	1	1	2	0	0	0	0	0	0	0	0	0
60. Acute appendicitis	0	0	0	0	0	0	0	0	0	0	0	0
70. Intest. obstruction - no hernia	0	2	2	0	0	0	0	1	1	0	0	0
71. Gastro-enteritis (over 4 weeks)	0	0	0	5	12	17	1	1	2	9	2	11
76. Peritonitis	0	0	0	0	1	1	0	0	0	0	0	0
77. Peritoneal adhesion	0	0	0	0	0	0	0	0	0	0	0	0
78. Other diseases of intestines and peritoneum	0	0	0	0	0	0	0	0	0	1	0	1
80. Acute & subac. yell. atrophy liver	0	0	0	0	0	0	0	0	0	0	0	0
81. Cirrhosis of liver	2	1	3	1	1	2	0	0	0	0	0	0
82. Liver abscess	0	0	0	0	0	0	0	0	0	0	0	0
83. Other diseases of liver	0	0	0	0	1	1	0	0	0	0	0	0
84. Cholelithiasis	0	0	0	0	0	0	0	0	0	0	0	0
87. Diseases of pancreas	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP IX	6	4	10	6	16	22	1	2	3	10	2	12
(J) DISEASES OF THE GENITO-URINARY SYSTEM.												
90. Acute Nephritis	0	0	0	0	0	0	0	0	0	0	0	0
91. Nephritis with Oedema, inc. nephrosis	0	0	0	0	0	0	0	0	0	0	0	0
92. Chronic nephritis	2	2	4	2	0	2	1	0	1	0	0	0
93. Nephritis not spec. as acute/chronic	0	0	0	0	0	0	0	0	0	0	0	0
00. Infections of kidney	1	1	2	0	0	0	0	0	0	1	0	1
01. Hydronephrosis	1	0	1	0	0	0	0	0	0	0	0	0
03. Other dis. of Kidney & ureter	0	1	1	0	0	0	0	0	0	0	0	0
10. Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0
30. Infect. dis. of uterus, vagina and vulva	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP X	4	4	8	2	0	2	1	0	1	1	0	1
Total C/Forward	153	133	286	37	44	81	12	13	25	68	45	113

* The Bantu death registrations must be regarded as incomplete.

DEATHS Cont'd.

	EUROPEAN RESIDENTS			BANTU* RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	153	133	286	37	44	81	12	13	25	68	45	113
X) DELIVERIES & COMPLICATIONS OF PREGNANCY, CHILDBIRTH & PUERPERIUM												
48. Other Complications of pregnancy	0	0	0	0	1	1	0	0	0	0	0	0
51. Abortion with sepsis	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP XI	0	0	0	0	2	2	0	0	0	0	0	0
XI) DISEASE OF SKIN AND CELLULAR TISSUE												
92. Other cellulitis and abscess	0	0	0	0	0	0	0	0	0	0	0	0
16. Other dis. of skin	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP XII	0	0	0	0	0	0	0	0	0	0	0	0
XII) DISEASES OF THE BONES												
30. Osteomyelitis & periostitis	0	0	0	0	0	0	0	0	0	0	0	0
44. Other dis. of muscle, tendon & fascia	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												
51. Spina bifida and meningocele.	0	0	0	0	0	0	0	0	0	0	0	0
52. Congenital hydrocephalus.	1	0	1	0	0	0	0	0	0	0	0	0
53. Other congenital malformations of nervous system and sense organs	0	0	0	0	0	0	0	0	0	0	0	0
54. Congen. malf. circulatory system	1	0	1	0	0	0	0	0	0	1	0	1
56. Congen. malf. digestive system.	0	0	0	0	0	0	0	0	0	0	0	0
57. Congen. malf. genito-ury. system	0	0	0	0	0	0	0	0	0	0	0	0
59. Other and unspecified congenital malformations.	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL : GROUP XIV	2	0	2	0	0	0	0	0	0	1	1	2
XV) CERTAIN DISEASES OF EARLY INFANCY												
60. Intracrl. & spinl. injy. at birth	1	0	1	1	0	1	0	0	0	1	0	1
61. Other birth injury.	0	0	0	0	0	0	0	0	0	0	0	0
62. Postnatal asphyxia & atelectasis	0	1	1	0	1	1	1	0	1	2	1	3
64. Diarrhoea of newborn	0	0	0	1	0	1	0	0	0	0	0	0
70. Haemolytic dis. of newborn	0	0	0	0	0	0	0	0	0	0	0	0
71. Haemorrhagic dis. of newborn	0	0	0	0	0	0	0	0	0	0	0	0
73. Ill-def. dis. pecr. to early infcy.	0	0	0	0	1	1	0	0	0	0	0	0
74. Immaturity with other subsidiary condition	0	0	0	0	0	0	0	0	0	0	1	1
75. Immaturity subsidiary to some other cause	0	0	0	0	0	0	0	0	0	0	0	0
76. Immaturity - unqualified	4	3	7	5	8	13	0	0	0	3	5	8
TOTAL : GROUP XV	5	4	9	7	10	17	1	0	1	6	7	13
XVI) SYMPTOMS, SENILITY & ILL-DEFINED CONDITIONS												
82. Symptoms referable to cardiovasc. & lymphatic systems	0	0	0	0	0	0	0	0	0	0	0	0
83. Symptoms referable to respiratory system	0	0	0	0	0	0	0	0	0	0	0	0
86. Symptoms referable to genito-urinary system	0	0	0	0	0	0	0	0	0	0	0	0
88. Other general symptoms	0	0	0	0	0	0	0	0	0	0	0	0
92. Uraemia - unqualified	4	4	8	0	1	1	0	0	0	1	1	2
94. Senility - without psychosis	4	3	7	1	1	2	0	0	0	1	0	1
95. Ill-defined & unknown causes	5	1	6	4	8	12	1	0	1	2	4	6
TOTAL : GROUP XVI	13	8	21	5	10	15	1	0	1	4	5	9
TOTAL	173	145	318	49	66	115	14	13	27	79	58	137

* The Bantu death registrations must be regarded as incomplete.

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			BANTU* RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	173	145	318	49	66	115	14	13	27	79	58	137
(VII) ACCIDENTS, POISONING & VIOLENCE.												
800. Railway accident - involving railway employee	0	0	0	0	0	0	0	0	0	0	0	0
802. Railway accident - involving other persons	0	0	0	2	0	2	0	0	0	0	0	0
812. Motor vehicle traffic accident to pedestrian	2	1	3	0	1	1	1	0	1	2	0	2
813. Motor vehicle acc. to pedal cyclist	0	0	0	0	0	0	0	0	0	0	0	0
815. Motor vehicle acc. to rider of motor cycle in collision	0	0	0	0	0	0	0	0	0	0	0	0
816. Other motor vehicle traffic accident - 2 or more vehicles	1	0	1	0	0	0	0	0	0	0	0	0
820. Motor vehicle accident while boarding or alighting	0	0	0	1	0	1	0	0	0	0	0	0
822. Motor vehicle accident-overturning	0	0	0	0	0	0	0	0	0	0	0	0
823. Motor vehicle accident - running off roadway	0	1	1	0	0	0	0	0	0	0	0	0
825. Motor vehicle accidents - unspec.	1	0	1	0	0	0	0	0	0	0	0	0
831. Motor veh. non-traffic accident to pedal cyclist	0	0	0	0	0	0	0	0	0	0	0	0
835. Motor vehi. non-traffic nature - other/unspec.	0	0	0	0	0	0	0	0	0	0	0	0
840. Street car accident to pedestrian	0	0	0	0	0	0	0	0	0	0	0	0
871. Accidental poisoning- barbiturates	0	0	0	0	0	0	0	0	0	0	0	0
880. Accidental poisoning by alcohol	1	0	1	0	0	0	0	0	0	0	0	0
891. Accidental poisoning by motor vehicle exhaust gas	0	0	0	0	0	0	0	0	0	0	0	0
892. Accidental poisoning by other C.O. gas	0	0	0	1	0	1	0	0	0	0	0	0
902. Other falls - from one level to another	0	1	1	0	0	0	0	0	0	0	0	0
903. Fall on same level	0	1	1	0	0	0	0	0	0	0	0	0
913. Accident caused by cutting and piercing instruments	0	0	0	0	0	0	0	0	0	0	0	0
914. Accident caused by electric current	0	0	0	0	0	0	0	0	0	0	0	0
916. Accident caused by fire/explosion of combust. material	0	0	0	0	0	0	0	1	1	0	0	0
919. Accident caused by firearm	0	0	0	0	0	0	0	0	0	0	0	0
921. Inhalatn. & ingestn. of food causing obstruction or suffocation	0	0	0	0	0	0	0	0	0	0	0	0
922. Inhalatn. or ingestn. of other object causing suffocation or obstruction.	1	1	2	0	0	0	0	0	0	0	0	0
925. Accidtl. mechanical suffocation	0	0	0	0	0	0	0	0	0	0	0	0
929. Accidental drowning & submersion	0	0	0	0	0	0	0	0	0	1	0	1
931. Excessive heat and isolation	0	0	0	0	0	0	0	0	0	0	0	0
936. Other and unspec. accidents	1	1	2	7	0	7	0	0	0	0	1	1
953. Therapeutic misadventure in admin. of drugs	0	0	0	0	0	0	0	0	0	0	0	0
954. Therapeutic misadventure in anaesthesia	0	0	0	0	0	0	0	0	0	0	0	0
956. Late complication of surgical operation	0	0	0	0	0	0	0	0	0	0	0	0
970. Suicide by analgesic and soporific substances	0	1	1	0	0	0	0	0	0	0	0	0
971. Suicide - poisoning by solid/liquid substances	0	0	0	0	0	0	0	0	0	1	0	1
973. Suicide by other gases	1	0	1	0	0	0	0	0	0	0	0	0
974. Suicide by hanging	0	0	0	1	0	1	0	0	0	1	0	1
975. Suicide by drowning	0	0	0	0	0	0	0	0	0	0	0	0
976. Suicide by firearms	5	1	6	0	0	0	0	0	0	0	0	0
979. Suicide by other & unspec. means	0	0	0	0	0	0	0	0	0	0	0	0
982. Assault by cutting or piercing instruments	0	0	0	1	0	1	0	0	0	0	0	0
983. Assault by other means	0	1	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP E XVII	13	9	22	13	1	14	1	1	2	5	1	6
TOTAL	186	154	340	62	67	129	15	14	29	84	59	143

* The Bantu death registrations must be regarded as incomplete.

INFANTILE MORTALITY

(under 1 year)

CAUSES OF DEATH

	EUROPEAN			BANTU*			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
2. Pulmonary T.B.	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
C. T.B. of Meninges &.C.N.S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0. Congenital Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Septicaemia & Pyaemia	0	0	0	0	0	0	1	1	2	0	0	0	1	1	2
7. Meningococcal Infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Other avitaminoses and nutritional def. states	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
2. Other anaemias -specified	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
5. Purpura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1. Cerebral haemorrhage	1	0	1	1	0	1	0	0	0	0	0	0	1	0	1
0. Meningitis, exc. meningococcal and tuberculous	0	0	0	1	2	3	0	0	0	0	0	0	1	2	3
3. Epilepsy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1. Otitis Media without mastoiditis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0. Arteriosclerotic heart dis. inc. coronary thrombosis	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
2. Other myocardl. degn.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Other/unspec. dis. heart	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
0. Lobar Pneumonia	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
1. Broncho Pneumonia	0	0	0	5	5	10	0	0	0	1	4	5	6	9	15
3. Pneumonia, other & unspec.	0	0	0	0	0	0	1	0	1	1	0	1	2	0	2
0. Acute Bronchitis	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
4. Bronchitis, unqualified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1. Gastro-enteritis and colotis, age 4 weeks and over	0	0	0	5	10	15	0	1	1	6	1	7	11	12	23
3. Oth. dis. intest. & peritm.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Nephritis with oedema	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1. Chronic Nephritis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. Other dis. of skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Spin. bif. & mngocele.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Cong. Hydrocephalus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Other cong. malfmns. of nerv. system & sense organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Congenital malforms. of circulatory system	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1
4. Cong. Malf. digest. syst.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Cong. Malf. Genito Ury. system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Unspec. Cong. Malformns.	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
0. Intracranial and spinal injury at birth	1	0	1	1	0	1	0	0	0	1	0	1	2	0	2
4. Other birth injury	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Post-natal asphyxia and atelectasis	0	1	1	0	1	1	1	0	1	2	1	3	3	2	5
4. Diarrhoea of new born	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
0. Haemlytc. dis. newborn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Haemgic. dis. newborn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Ill defined dis. peculiar to early infancy	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
4. Immaturity with other subsidiary condition	4	3	7	0	0	0	0	0	0	0	1	1	0	1	1
4. Immaturity subsidiary to some other cause	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Immaturity, unqualified	0	0	0	5	8	13	0	0	0	2	5	7	7	13	20
4. Symp. refer. to cardio-vasc. & lymph. systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Symp. ref. to resp. syst.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Ill def./unknown causes	0	0	0	2	4	6	0	0	0	0	0	0	2	4	6
4. Inhaln. of food causing suffocn.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Acc. mechl. suffocn.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Accidtl. drowning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Excess. heat & insolatn.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Ther. misadv. in surg. tt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	8	4	12	24	33	57	4	2	6	14	15	29	42	50	92

*Bantu death Registrations must be regarded as incomplete.

INFANTILE MORTALITY

	EUROPEAN			BANTU			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	3	7	3	2	5	2	0	2	5	4	9	10	6	16
2nd - 7th day	3	1	4	1	3	4	0	0	0	2	5	7	3	8	11
TOTAL - 1 week	7	4	11	4	5	9	2	0	2	7	9	16	13	14	27
1 Week - 1 Month	1	0	1	7	8	15	1	0	1	0	1	1	8	9	17
TOTAL : 1 Month	8	4	12	11	13	24	3	0	3	7	10	17	21	23	44
1 Month - 2 Months	0	0	0	4	5	9	0	0	0	0	0	0	4	5	9
3 Months - 5 Months	0	0	0	2	7	9	1	1	2	3	1	4	6	9	15
6 Months - 8 Months	0	0	0	5	1	6	0	0	0	1	2	3	6	3	9
9 Months - 11 Months	0	0	0	2	7	9	0	1	1	3	2	5	5	10	15
TOTAL : 1 - 11 Months	0	0	0	13	20	33	1	2	3	7	5	12	21	27	48
GRAND TOTAL	8	4	12	24	33	57	4	2	6	14	15	29	42	50	92

INFANTILE MORTALITY RATES
(Deaths per 1,000 Births)

	EUROPEAN	BANTU	COLOURED	ASIATIC
During 1st 24 hours	7 : 8.6	5 : 7.1	2 : 9.5	9 : 11.0
2nd - 7th day	4 : 4.9	4 : 5.7	0 : 0	7 : 8.5
1 Week - 1 Month	1 : 1.2	15 : 21.3	1 : 4.8	1 : 1.2
1 Month - 2 Months	0 : 0	9 : 12.8	0 : 0	0 : 0
3 Months - 5 Months	0 : 0	9 : 12.8	2 : 9.5	4 : 4.9
6 Months - 8 Months	0 : 0	6 : 8.5	0 : 0	3 : 3.7
9 Months - 11 Months	0 : 0	9 : 12.8	1 : 4.8	5 : 6.1
Infantile Mortality Rate	12 : 14.7	57 : 80.9	6 : 28.6	29 : 35.4

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

European	:	3.5%
Bantu	:	44.2% (This figure is unreliable).
Coloured	:	20.7%
Asiatic	:	20.3%
All Non-European	:	30.6%
All Races	:	16.2%

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

	EUROPEAN		BANTU		COLOURED		ASIATIC		ALL NON-EUR	
	No.	%	No.	%	No.	%	No.	%	No.	%
Tuberculosis (all forms)	0	0	2	3.5	0	0	0	0	2	2.2
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	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0
Malnutrition	0	0	1	1.7	0	0	1	3.4	2	2.2
Bronchitis and Pneumonia	0	0	12	21.1	1	16.7	6	20.7	19	20.7
Gastro-Enteritis	0	0	15	26.3	1	16.7	7	24.1	23	25.0
Malformations	1	8.3	0	0	0	0	2	6.9	2	2.2
Injury at Birth	1	8.3	1	1.7	0	0	1	3.4	2	2.2
Asphyxia - Atelectasis	1	8.3	1	1.7	1	16.7	3	10.3	5	5.4
Prematurity	7	58.3	13	22.8	0	0	8	27.6	21	22.8
Ill defined causes	0	0	6	10.5	0	0	0	0	6	6.5
Other specified causes	2	16.7	6	10.5	3	50	1	3.4	10	10.9
	12		57		6		29		92	

RESPIRATORY SYSTEM TUBERCULOSIS

(Code No. 001 - 008)

DEATHS IN MONTHS OF THE YEAR

	EUROPEAN			BANTU			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	0	0	0	0	0	0	1	0	1	1	0	1
March	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
August	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
September	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
November	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	1	0	1	2	1	3	1	0	1	2	0	2	5	1	6

DEATH RATES (PER 1,000 POPULATION)

European	:	0.025
Bantu	:	0.1
Coloured	:	0.2
Asiatic	:	0.09
All Non-Europeans	:	0.1
ALL PERSONS	:	0.07

DEATHS IN AGE GROUPS

	EUROPEAN			BANTU			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	1	1	2	0	0	0	0	0	0	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
5 -24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 -34 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 -44 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 -54 years	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
5 -64 years	0	0	0	0	0	0	1	0	1	2	0	2	3	0	3
5 -74 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 and Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	1	0	1	2	1	3	1	0	1	2	0	2	5	1	6

TUBERCULOSIS, OTHER FORMS

(Code No. I. 010 - 019)

DEATHS IN MONTHS OF THE YEAR

	EUROPEAN			BANTU			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	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	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 :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

DEATH RATE PER 1,000 POPULATION

European	:	0
Bantu	:	0
Coloured	:	0
Asiatic	:	0
All Non-European	:	0
ALL PERSONS	:	0

DEATHS IN AGE GROUPS

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

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

DEATHS IN AGE GROUPS

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 2 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	2	0	2	0	0	0	0	0	0	0	1	1	0	1	1
25 - 34 years	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
35 - 44 years	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0
45 - 54 years	4	5	9	1	0	1	0	0	0	2	0	2	3	0	3
55 - 64 years	8	5	13	0	1	1	1	1	2	0	1	1	1	3	4
65 - 74 years	3	5	8	1	0	1	0	0	0	1	0	1	2	0	2
75 and Over	4	5	9	1	1	2	0	0	0	1	0	1	2	1	3
TOTAL :	24	23	47	3	2	5	1	1	2	5	2	7	9	5	14

DEATH RATE PER 1,000 POPULATION

European	:	1.2
Bantu	:	0.2
Coloured	:	0.4
Asiatic	:	0.3
All Non-European	:	0.3
ALL PERSONS	:	0.5

FORMS OF MALIGNANT AND OTHER NEOPLASMS CAUSING DEATH.

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
Malignant Neoplasm of -																
140 Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141 Tongue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145 Oral Mesopharynx	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148 Pharynx, unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 Oesophagus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151 Stomach	0	0	0	0	1	1	0	0	3	0	1	0	0	0	0	0
152 Small intestine (inc. duodenum)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153 Large intest.(exc. rectum)	0	0	0	0	1	0	0	0	1	2	0	1	2	3	1	0
154 Rectum	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
155 Biliary pass. & liver	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
156 Liver (sec.&unspec.)	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0
157 Pancreas	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
158 Peritoneum	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
161 Larynx	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
162 Trachea, bronchus & lung - primary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163 Trachea - Secondary	0	0	0	0	0	0	0	0	1	0	0	0	2	1	0	0
170 Breast	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0
171 Cervix uteri	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
172 Corpus uteri	0	0	0	0	0	0	0	0	0	1	0	1	0	3	0	0
175 Ovary, Fallopian tube and broad ligt.	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0
177 Prostate	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
178 Testis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179 Other & unspec. male genital org.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
180 Kidney	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
181 Bladder/Urinary org.	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
190 Melanoma of skin	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
192 Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194 Thyroid Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196 Bone	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0
198 Secondy. & unspec. mgnt. neop. of lymph nodes	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
199 Other & unspec. sites	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
200 Lymphosarcoma and reticulosarcoma	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
201 Hodgkin's disease	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
204 Leukaemia & aleukaemia	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
237 Unspec. nature brain & parts-ner. system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	0	1	1	2	3	0	0	12	10	4	3	7	10	4	1

DISEASES OF THE CIRCULATORY SYSTEM

(Code Nos. VII. 400 - 468)

DEATH IN AGE GROUPS

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	1	0	1	0	0	0	0	0	0	0	1	1	0	1	1
1 - 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
25 - 34 years	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
35 - 44 years	2	1	3	1	0	1	0	0	0	0	0	0	1	0	1
45 - 54 years	15	4	19	0	2	2	1	0	1	7	2	9	8	4	12
55 - 64 years	9	5	14	2	0	2	0	1	1	6	5	11	8	6	14
65 - 74 years	20	14	34	0	3	3	0	1	1	5	7	12	5	11	16
75 and Over	31	38	69	0	0	0	1	1	2	9	0	9	10	1	11
TOTAL :	79	62	141	3	5	8	2	3	5	28	15	43	33	23	56

DEATH RATE (PER 1,000 POPULATION)

European	:	3.5
Bantu	:	0.3
Coloured	:	1.0
Asiatic	:	1.9
All Non-European	:	1.0
ALL PERSONS	:	2.1

CHANGES IN THE STRUCTURE OF SCHOOLS

(Code Nos. VII, 40 - 44)

Table XII. Ch. Chapter

	Jaipur			Sikri			Gurgaon			Jaipur			All Non-Sch.		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1 year	1	0	1	0	0	0	0	0	0	1	1	0	0	1	1
2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 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
5 years	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
6 years	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
7 years	2	1	3	1	0	1	0	0	0	0	0	0	1	0	1
8 years	15	4	19	0	2	2	1	0	1	7	2	9	4	4	8
9 years	9	3	12	3	0	2	0	1	1	0	5	5	8	4	12
10 years	20	14	34	0	3	3	0	1	1	3	7	10	7	23	30
11 years	34	30	64	0	0	0	1	1	2	2	0	2	1	11	12
Total :	72	62	134	3	5	8	2	3	5	13	15	28	22	43	65

DEATHS DUE TO PNEUMONIA AND BRONCHITIS
(Code Nos. VIII. 490 - 502)

RESIDENTS : (Given in months of the Year)

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
anuary	0	0	0	2	0	2	0	0	0	0	1	1	2	1	3
ebruary	0	0	0	1	0	1	0	0	0	1	0	1	2	1	3
arch	0	0	0	3	1	4	0	0	0	1	0	1	4	1	5
pril	2	0	2	0	2	2	0	0	0	0	0	0	0	2	2
ay	2	2	4	1	1	2	0	0	0	1	1	2	2	2	4
une	1	0	1	0	1	1	0	1	1	1	1	2	1	3	4
uly	4	5	9	1	1	2	1	0	1	5	3	8	7	4	11
ugust	1	0	1	1	0	1	0	0	0	0	0	0	1	0	1
eptember	2	1	3	0	1	1	0	0	0	0	1	1	0	2	2
ctober	0	1	1	0	1	1	1	0	1	0	0	0	1	1	2
ovember	0	1	1	2	2	4	0	0	0	0	1	1	2	3	5
ecember	1	0	1	0	1	1	0	0	0	0	2	2	0	3	3
OTAL :	13	10	23	11	11	22	2	1	3	9	10	19	22	22	44

RESIDENTS : (GIVEN IN AGE GROUPS)

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
der 1 year	0	0	0	7	5	12	1	0	1	2	4	6	10	9	19
1 - 2 years	0	2	2	1	1	2	0	0	0	1	1	2	2	2	4
2 - 4 years	0	0	0	1	2	3	0	0	0	1	1	2	2	3	5
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 34 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 44 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
5 - 54 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
5 - 64 years	1	0	1	1	1	2	0	0	0	1	1	2	2	2	4
5 - 74 years	2	1	3	0	1	1	0	0	0	1	1	2	1	2	3
5 and Over	10	7	17	0	1	1	1	1	2	2	2	4	3	4	7
TOTAL :	13	10	23	11	11	22	2	1	3	9	10	19	22	22	44

ronchitis	0	1	1	1	0	1	0	0	0	3	2	5	4	2	6
neumonia	13	9	22	10	11	21	2	1	3	6	8	14	18	20	38
TOTAL :	13	10	23	11	11	22	2	1	3	9	10	19	22	22	44

DEATH RATES PER 1,000 POPULATION

BRONCHITIS : Code Nos. 500 - 502.

European	:	0.025
Bantu	:	0.04
Coloured	:	0
Asiatic	:	0.2
All Non-European	:	0.1
ALL PERSONS	:	0.07

PNEUMONIA : Code Nos. 490 - 493.

European	:	0.5
Bantu	:	0.8
Coloured	:	0.6
Asiatic	:	0.6
All Non-European	:	0.7
ALL PERSONS	:	0.6

DEATHS DUE TO GASTRO-ENTERITIS AND COLITIS

(Age 4 weeks and over)
(Code No. IX. 571)

	EUROPEAN			BANTU			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	4	4	0	0	0	1	0	1	1	4	5
February	0	0	0	2	4	6	0	0	0	0	2	2	2	6	8
March	0	0	0	0	1	1	0	0	0	1	0	1	1	1	2
April	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
May	0	0	0	1	1	2	0	0	0	1	0	1	2	1	3
June	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
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	1	0	1	1	0	1
September	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
October	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
November	0	0	0	0	0	0	0	1	1	2	0	2	2	1	3
December	0	0	0	0	0	0	1	0	1	2	0	2	3	0	3
TOTAL :	0	0	0	5	12	17	1	1	2	9	2	11	15	15	30

DISTRICTS OF RESIDENCE OF CASES OF ENTERIC FEVER AND TUBERCULOSIS

	Notifications of Enteric Fever	Deaths from Tuberculosis
Pietermaritzburg Central	-	3 (1 E.,2 C.)
Zwartkop Valley	-	-
Wembley	-	-
Montrose	-	-
Scottsville	-	-
Mountain Rise	1	-
Pentrich	-	2 (1 B.,1 A.)
Pentrich (outside water supply area)	1	-
Chase and Town Bush Valleys	-	-
Sobantu Village	1	1 (B)
Hathorn's Hill	-	-
Asiatic Housing Scheme	-	-
Raisethorpe	-	2 (1 B.,1 A.)
Northdale and Woodlands	-	-
TOTAL :	3	8

TUBERCULOSIS CLINIC

	European				Bantu				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	47	36	5	1	233	67	491	66	21	22	5	2	66	39	9	7	367	164	510	76
Total Attendances	124	71	8	9	1023	387	1341	272	129	96	12	7	402	273	43	20	1678	827	1404	308
Sputa Examined	21	16	3	9	109	20	158	18	14	5	2	2	41	14	3	-	185	55	166	29
Sputa Positive	2	2	-	-	7	3	16	-	5	-	-	-	6	-	-	-	20	5	16	-
X-Ray Examinations	53	41	4	3	180	50	421	33	23	17	6	2	59	32	10	4	315	140	441	42
X-Ray Positive	22	19	2	3	136	43	262	30	20	14	6	2	46	26	8	3	224	102	278	38
Positive Diagnosis	12	13	1	1	153	42	277	30	15	15	4	2	46	26	7	5	226	96	289	38
Adm. to King George V Hospital, S.A.N.T.A. and to Non-Eur. Inf. Dis. Hosp. from Clinic	2	2	-	1	23	6	35	4	2	1	3	1	8	5	9	2	36	14	47	8
Contacts Examined	22	22	4	1	131	42	51	4	10	16	2	-	40	25	4	2	203	105	61	7

	EUROPEAN	BANTU	COLOURED	ASIATIC	TOTAL
Streptomycin Injections given	60	471	97	158	786
Home Visits to Tuberculotics and their contacts (Borough cases only)	998	2,312	341	925	4,576

MINIATURE X-RAY CLINIC ATTENDANCES

		EUROPEAN				BANTU				COLOURED				ASIATIC				TOTAL			
		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Ref. by Pass Office Med. Examination	Routine					6131		7530										6131		7530	
	Suspect																				
Pre-employment X-Ray	Private Persons & Firms					61	7	11	22	38	12	1	.	230				329	19	12	22
	Mun. Supern. Fund	70	39															70	39		
Ref. by Employers	Routine	65	59	1	77	646	184	81	63	12	5	3		299	3	2		1022	251	87	140
	Suspect																				
	Contact	78	41		12	439	10	10	10	5				84				606	51	10	22
Ref. by Doctors	Routine	5	3					39	2					3	4			8	7	39	2
	Suspect	98	113	20	8	132	54	227	128	16	11	3	2	158	98	44	26	404	276	294	164
	Contact	2	1											1				3	1		
Voluntary Attendance	Routine	151	108	30	20	60	41	62	26	19	13	2	3					230	162	94	49
	Suspect																				
	Contact	219	25	4	4	27	10		5					2	7			248	42	4	9
Referred by Health Visitor	Routine																				
	Suspect		1			3	4	1	2	1								4	5	1	2
	Contact	78	72	4	3	211	164	119	29	32	38			124	107	1	2	445	381	124	32
Follow-up X-Ray	ex. Hosp.		1			194	53	17	11	11	10			44	10			249	74	17	11
	ex. Clinic	55	32	6	2	386	110	239	80	38	23			142	67	6	2	621	232	251	84
TOTALS:		821	495	65	126	8290	637	8336	378	172	112	9	5	1087	296	53	30	10370	1540	8463	537

GRAND TOTAL : 20,910

RESULTS OF MINIATURE X-RAYS

(Excluding Follow-up X-Rays of Hospital and Clinic Cases).

	EUROPEAN				BANTU				COLOURED				ASIATIC				TOTAL			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1. Suspected P. Tuberculosis	66	38	5	4	507	51	370	56	21	18	4	1	87	42	15	8	681	149	394	69
2. Other lung conditions	95	32	17	12	123	39	111	19	9	12	1	-	121	14	98	2	348	97	227	33
3. Cardiac Conditions	2	-	-	-	2	6	1	2	-	-	-	-	2	3	-	-	6	9	1	2
4. Spinal or Thoracic cage	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
5. Nil abnormal detected	602	401	27	108	7072	315	7591	237	103	59	4	4	696	170	24	18	8473	945	7646	367
6. Other conditions noted	-	1	-	-	6	3	1	1	-	-	-	-	-	-	-	-	6	4	1	1
TOTALS :	766	472	49	124	7710	414	8074	315	133	89	9	5	906	229	137	28	9515	1204	8269	472

European : 1,411 All Non-European : 18,049 All Persons : 19,460

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

(excluding Pass Office Cases)

	EUROPEAN				BANTU				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	14	8	2	1	117	23	31	21	6	3	-	-	49	17	4	2	186	51	37	24
B. P.T.B. Inactive	2	1	-	-	3	2	-	1	2	-	-	-	6	-	-	-	13	3	-	1
C. Other Lung Conditions	3	2	-	-	-	-	-	-	1	-	1	-	2	2	-	-	6	4	1	-
D. Cardiac Conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E. Nil Abnormal	21	14	1	-	44	13	19	17	5	7	1	1	15	14	5	3	85	48	26	21
F. Other Conditions noted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G. Did not re-attend	26	13	2	3	67	13	53	17	7	8	2	-	15	9	6	3	115	143	63	23
TOTAL	66	38	5	4	231	51	103	56	21	18	4	1	87	42	15	8	405	149	127	69

PASS OFFICE ANALYSIS

	Borough	Out-of-Borough	Total
Total X-Rayed	5,855	7,263	13,118
Suspect P.T.B.	276	267	543

FOLLOW-UP RESULTS

	Borough	Out-of-Borough	Total
1A. P.T.B. Active	129	124	253
1B. P.T.B. Inactive	7	3	10
2. Other Lung Conditions	2	-	2
3. Cardiac Conditions	-	1	1
4. Spinal or Thoracic Cage	-	-	-
5. N.A.D.	69	70	139
6. Other Conditions Noted	-	-	-
7. Did not Re-attend	69	70	139
TOTAL	276	267	~~196~~ 543

VENEREAL DISEASE

CLINIC ATTENDANCES FOR THE YEAR ENDING 31st DECEMBER, 1962.

(for key) (see page) (50)	NEW CASES																TOTAL ATTENDANCES															
	EUROPEAN				BANTU				COLOURED				ASIATIC				EUROPEAN				BANTU				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	-	-	-	-	38	2	18	2	-	-	-	-	1	-	-	-	1	3	-	-	125	4	39	7	-	-	-	-	6	-	-	2
2	-	-	-	-	41	2	19	5	-	-	1	-	-	-	-	-	-	-	-	-	92	4	38	9	-	2	1	-	-	-	-	-
3	-	-	-	-	64	51	62	67	1	2	1	1	1	1	-	-	-	2	-	-	242	140	127	194	7	15	1	1	6	8	-	-
4	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	2	7	-	-	40	132	20	124	2	9	2	2	5	17	1	8	15	26	-	-	295	776	99	524	35	79	3	11	29	124	7	35
6	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	2	6	8	10	-	1	-	-	-	-	-	1	-	-	-	-	17	15	18	34	3	9	-	-	1	-	2	1
8	-	-	-	-	1	-	3	5	1	2	-	-	-	-	-	-	-	-	-	-	4	-	1	12	3	1	-	-	-	-	-	-
9	3	-	-	-	462	13	54	22	2	-	-	-	7	2	1	-	7	-	-	-	543	81	122	87	11	-	1	-	26	2	6	1
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	7	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
15	-	-	-	-	15	4	7	5	-	-	-	-	-	-	-	-	-	-	-	-	32	3	23	14	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	5	-	-	1	62	56	25	35	4	4	-	-	18	12	6	6	13	-	-	4	136	131	57	72	10	10	-	7	51	42	10	26
18	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	43	7	17	4	-	-	-	-	1	-	-	-
Total	10	7	-	1	729	267	219	278	10	18	4	3	32	32	8	15	36	31	-	4	1536	1162	541	965	69	116	6	19	20	176	25	65

19 Disch. on Probn.	3	-	-	1	163	164	79	149	3	7	-	1	9	9	1	3
20 Disch. Finally	6	1	-	-	141	56	57	67	6	6	1	2	12	18	3	7

V.D. CLINIC DEFAULTER INVESTIGATIONS

	EUROPEAN		BANTU		COLOURED		ASIATIC	
	M	F	M	F	M	F	M	F
UNABLE TO TRACE	1	1	136	84	2	-	1	1
RETURNED TO CLINIC	-	2	285	258	3	4	2	7
DID NOT RETURN	-	1	31	21	1	1	1	1
TOTAL OF DEFAULTERS	1	4	445	363	6	5	4	9
NO. OF VISITS	1	5	543	404	7	5	6	14
RETURNED TO CLINIC								
A. At Request of Health Visitor or Bantu Health Assistant								
1) Following personal visits	-	2	299	249	3	4	2	7
2) Following letters	-	-	-	-	-	-	-	-
3) Following telephone calls	-	-	-	-	-	-	-	-
4) Following accidental encounter	-	1	15	12	-	-	1	1
B. Supplementary Visits by Health Visitor (in case of Bantu Health Assistants)								
1) Employer telephoned	-	-	8	4	-	-	-	-
2) Employer visited	-	-	10	40	-	-	-	-
3) Defaulters visited	-	-	59	88	-	-	-	-
REASONS FOR DEFAULTING								
No reason	-	-	54	24	2	1	1	2
Unable to pay transport	-	-	-	-	-	-	-	-
Left City	-	1	130	95	1	1	1	2
Hours of work prevent attendance	-	-	92	63	-	-	-	1
Clinic Hours Unsuitable:								
Prefer morning clinic	-	-	2	-	-	-	-	-
Prefer afternoon clinic	-	-	-	-	-	-	-	-
Prefer evening clinic	-	-	3	-	-	-	-	-
Prefer Saturday morning clinic	-	-	-	-	-	-	-	2
Thought him /herself cured	-	-	130	76	-	-	-	-
Races not separated enough at Clinic	-	-	-	-	-	-	-	-
Clinic not private enough	-	-	-	-	-	-	-	-
Reaction to Injections	-	-	-	-	-	-	-	-
Illness	-	-	15	56	-	1	-	2
Other reasons	-	-	-	-	-	-	-	-

V.D. HOSPITAL RETURNS	BANTU								COLOUREDS								ASIATICS							
	New Cases				Total Attendances Total Patient Days				New Cases				Total Attendances Total Patient Days				New Cases				Total Attendances Total Patient Days			
	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
1. Seroneg. Prim. Syphilis	16	3	33	1	62	12	123	2																
2. Seropos. Prim. Syphilis	64	4	120	10	272	19	445	36			1				4									
3. Secondary Syphilis	39	39	64	136	140	153	255	530		1				4				2				8		
4. Tertiary Syph. (Clinical)																								
5. Endosyphilis (Serological)		1	1			3	4																	
6. Neurosyphilis																								
7. Cong. Syph. under 1 year	1		5	4	7		20	18																
8. Cong. Syph. over 1 year	1		1		5		4																	
9. Gonorrhoea	15	5	23	5	27	15	42	22																
10. G.C. Vulvo-vaginitis																								
11. G.C. Opthalmia																								
12. Ulcus Molle	3		2		12		8																	
13. Lymph. Venereum	3				13																			
14. Gran. Venereum																								
15. Venereal Warts	13	3	43	7	53	14	172	26																
16. Phagedaena																								
17. Suspected V.D.	8		21	9	110		189	64				1				19								

	BANTU	MALES	FEMALES	COL.	MALES	FEMALES	AS.	MALES	FEMALES
No. admitted during year	Bor.	169	51	Bor.	-	1	Bor.	-	2
	O/B.	304	168	O/B.	1	1	O/B.	-	-
No. suffering from 2 or more Venereal Diseases	Bor.	4	4	Bor.	-	-	Bor.	-	-
	O/B.	10	3	O/B.	-	-	O/B.	-	-

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 Inquinale.
15. Venereal Warts.
16. Non-Specific Urethritis.
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 : 8. FEMALE : 3. TOTAL : 11.

VENEREAL DISEASE HOME VISITS

	European	Bantu	Coloured	Asiatic	Total	
	M : F	M : F	M : F	M : F	M : F :	PERSONS
1962	- : -	885 : 849	1 : 3	- : 2	886 : 854	1,740

VENEREAL DISEASE Cont'd.

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

YEAR ENDING 31st DECEMBER, 1962.

	STAGE OF PREGNANCY																							
	1 - 3 Months								4 - 6 Months								7 - 9 Months							
	Eur.		Bantu		Col.		As.		Eur.		Bantu		Col.		As.		Eur.		Bantu		Col.		As.	
	B.	O/B	B.	O/B	B.	O/B	B.	O/B	B.	O/B	B.	O/B	B.	O/B	B.	O/B	B.	O/B	B.	O/B	B.	O/B	B.	O/B
No. of Pregnant women submitted to Serological Test	1		1	3	1		3	1	1		11	11		1	16	8		1	65	74	2		10	2
No. of Positive or Doubtful Reactors	1		1	2							9	10		1	5	2			55	76	1		8	2
No. of those who had previously received treatment			1								4	3		1	1	1			13	12	1		4	
No. undergoing a First Course of treatment during pregnancy	1			3	1		1	1	1		6	8		1	7	5		1	58	70	1		7	2
No. undergoing a 2nd or 3rd Course of treatment during pregnancy			1								3	1			1				4	4	1		3	

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	B	C	A	Total	E	B	C	A	Total	
Scarlet Fever	6	-	-	-	6	1	-	-	-	1	7
Measles	44	3	6	-	53	3	27	2	-	32	85
Measles & Encephalitis	-	-	-	1	1	-	-	-	-	-	1
Diphtheria	7	4	6	3	20	4	155	-	5	164	184
Diphtheria and Kwashiorkor	-	-	-	-	-	-	1	-	-	1	1
Diphtheria Carrier	-	1	2	-	3	-	-	-	1	1	4
Mumps	14	-	1	-	15	-	4	-	-	4	19
Mumps and Pulmonary Tuberculosis	-	-	-	-	-	-	1	-	-	1	1
Whooping Cough	4	-	1	-	5	-	9	-	-	9	14
Chicken Pox	13	-	2	-	15	-	7	1	-	8	23
C.S. Fever	-	-	1	-	1	-	1	-	-	1	2
Meningitis (Virus etc.)	3	-	1	-	4	9	1	-	-	10	14
German Measles	10	-	1	-	11	-	-	-	-	-	11
T.B. Meningitis	-	-	-	1	1	-	-	-	-	-	1
Pulmonary Tuberculosis	1	47	7	14	69	-	79	7	4	90	159
Poliomyelitis	-	-	-	-	-	-	5	-	-	5	5
Typhoid Fever	-	-	-	-	-	6	-	-	-	6	6
Encephalitis	-	-	-	-	-	3	-	-	-	3	3
Inf. Hepatitis	1	-	-	-	1	-	-	-	-	-	1
Kwashiorkor & Measles	-	-	-	-	-	-	1	-	-	1	1
TOTAL :	103	55	28	19	205	26	291	10	10	337	542

ISOLATION HOSPITAL AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

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

BOROUGH CASES

In 2 cases (Col.) diagnosis Diphtheria Carrier altered to "Non Virulent".
In 1 case (Col.) diagnosis Diphtheria altered to Pneumonia.
In 5 cases (4 Eur., 1 Bantu) diagnosis Diphtheria altered to Tracheitis or Pharyngitis or Laryngitis or Tonsillitis.
In 1 case (Bantu) diagnosis Diphtheria altered to Thrush.
In 1 case (Eur.) diagnosis German Measles altered to Measles.
In 1 case (Eur.) diagnosis Measles altered to German Measles.
In 1 case (Eur.) diagnosis Measles altered to Ringworm.
In 1 case (Eur.) diagnosis Measles altered to Teething.
In 3 cases (Eur.) diagnosis Measles altered to Influenza.
In 1 case (Col.) diagnosis Chicken Pox altered to Secondary Syphilis.
In 1 case (Eur.) diagnosis Meningitis altered to Influenza.
In 1 case (Eur.) diagnosis Whooping Cough altered to Pneumonitis.

OUT-OF-BOROUGH CASES.

In 4 cases (Bantu) diagnosis Diphtheria altered to Pharyngitis/Tonsillitis/Tracheo Bronchitis/Bronchitis/Laryngitis.
In 1 case (Bantu) diagnosis Diphtheria altered to Influenza and Ascariasis.
In 3 cases (Bantu) diagnosis Diphtheria altered to Measles.
In 4 cases (Eur.) diagnosis Meningitis altered to Influenza.
In 1 case (Eur.) diagnosis Meningitis altered to Gastro Enteritis.
In 1 case (Bantu) diagnosis Meningitis altered to Virus Encephalitis.
In 1 case (Bantu) diagnosis Poliomyelitis altered to Cerebral Tumour.
In 1 case (Eur.) diagnosis Typhoid Fever altered to Paratyphoid Fever.
In 1 case (Bantu) diagnosis Pulmonary Tuberculosis altered to Non-Pulmonary Tuberculosis.
In 2 cases (Eur.) diagnosis Encephalitis altered to Aseptic Meningitis.
In 2 cases (Eur.) diagnosis Encephalitis altered to Lymphocytic Meningitis
In 1 case (Bantu) diagnosis Whooping Cough altered to Broncho Pneumonia.
In 1 case (Col.) diagnosis Measles altered to Pneumonia.

INFANT WELFARE

1. INFANT CLINICS

	European	Bantu	Coloured	Asiatic
NEW CASES:				
Under 1 Year	638	672	215	780
Over 1 Year	11	34	16	7
TOTAL:	649	706	231	787
ATTENDANCES:				
Under 1 Year	8588	9969	2387	10190
Over 1 Year	547	2657	528	1501
TOTAL:	9135	12626	2915	11691
Number on Register	1072	1211	464	1540
Average Attendance per person	8.5	10.4	6.3	7.6

2. HOME VISITS

	European	Bantu	Coloured	Asiatic	Total
Ante-Natal	12	9	9	167	197
First Visits-(Notified Births)	617	356	161	801	1935
Re-Visits - under 1 year	327	956	789	1205	3277
Re-Visits - over 1 year	645	1725	1475	2532	6377
Infectious Disease (Non-T.B.)	93	3	4	5	105
Protected Infants	-	12	-	-	12
Pediculosis & Scabies Visits	1	-	-	1	2
Infantile Mortality Visits	15	49	2	26	92
Other Home Visits	160	18	-	84	262
TOTAL:	1870	3128	2440	4821	12259

3. MILK DISTRIBUTED

	European	Bantu	Coloured	Asiatic	Total
Fresh - Pints	3802	12396	1312	12226	29736
Dried - lbs.	419	5150	743	3505	9817

FOODSTUFFS

SAMPLES TAKEN AND SUBMITTED FOR ANALYSIS.

MILK

(a) Bacteriological Examination - Breed Counts:

Samples with less than 30,000 bacteria per c.c. :	3
Samples with between 30,000 and 200,000 bacteria per c.c. :	61
Samples with more than 200,000 bacteria per c.c. :	5
TOTAL	69

(b) Bacteriological Examination - Plate Counts:

Samples with less than 30,000 bacteria per c.c. :	7 (inc. 1 Pasteurised)
Samples with between 30,000 and 200,000 bacteria per c.c.:	22
Samples with more than 200,000 bacteria per c.c. :	19 (inc. 1 Pasteurised)
TOTAL	48 (inc. 2 Pasteurised)

(c) Bacteriological Examination - Faecal B. Coli:

Samples with Faecal B. Coli absent :	33 (inc. 1 Pasteurised)
Samples with Faecal B. Coli present 1/10 c.c. :	7
Samples with Faecal B. Coli present 1/100 c.c. :	26 (inc. 1 Pasteurised)
Samples with Faecal B. Coli present in less than 1/100 c.c.:	12 (inc. 2 Pasteurised)
TOTAL	78 (inc. 4 Pasteurised)

(d) Bacteriological Examination - Resazurin Test:

No. of Samples reported satisfactory :	60
No. of Samples reported Fair :	9
No. of Samples reported Poor :	0
TOTAL	69

(e) Chemical Examination (By Government Analyst):

Samples with Solids-Not-Fat 8.5% and over :	43
Samples with Solids-Not-Fat over 8% and under 8.5%:	1
Samples with Solids-Not-Fat below 8% :	0
TOTAL	44

Samples with Butter Fat 3% and over :	44
Samples with Butter Fat under 3% :	0
TOTAL	44

(f) Phosphatase Testing of Pasteurised Milk:

Samples sufficiently heat treated :	410
Samples not sufficiently heat treated :	4
TOTAL	414

2. 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			Boreholes			Rain Water Tanks			Other Water Supplies (Streams, Springs, Wells)			Municipal Swimming Baths			Other Swimming Baths		
	Incubation Period		Differential Test (faecal) 48 hrs.	Incubation Period		Differential Test (faecal) 48 hrs.	Incubation Period		Differential Test (faecal) 48 hrs.	Incubation Period		Differential Test (faecal) 48 hrs.	Incubation Period		Differential Test (faecal) 48 hrs.	Incubation Period		Differential Test (faecal) 48 hrs.
	24 hrs.	48 hrs.		24 hrs.	48 hrs.		24 hrs.	48 hrs.		24 hrs.	48 hrs.		24 hrs.	48 hrs.		24 hrs.	48 hrs.	
Class I (Highly Sat. 0)	261	230	273	1	1	1			1	2	1	6	2	2	2			
Class II (Satis. 1 - 2)	9	33					1	1	1	1								
Class III (Suspicious 3-10)	1	6																
Class IV (Unsat. (over 10)	2	4		1	1	1				6	8	3						

FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION

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

Anchovies	2 x 2 ozs.
Albacore	14 ozs.
Asparagus	10 tins
Apples	2 tins
Aniseed	2 pkts.
Apple Sauce	1 lb.
Apple Spread	1 lb. 1½ oz.
Biscuits	7 x 4 ozs., 9 x 8 ozs.
Biscuits - dog	1 x 1 lb.
Beef and Vegetables	3 tins
Beef - chopped	1 jar
Beans - Green	63 pockets; 2 lbs. & 15 ozs.
Beans - Tinned	23 tins
Beans - Baked	8 tins
Cake Meal	7 pkts.
Cocoanut	1 x ½oz.
Cinnamon	1 pkt.
Crab	2 tins
Chutney	1 bot.; 42 jars
Cherries - in Syrup	2 lbs.
Cheese Whirl	1 bot.
Cucumbers	3 poc.; 21 trays
Cereals	29 pkts.; 2 bott.
Cabbages	14 bags
Carrots	53 pock.
Crumbs	11 x 8 ozs.
Ducks	3
Dates	8 x 1 lb.; 23 x 8 oz.
Eggs	$38\frac{7}{12}$ doz.
Eggs - Duck	$2\frac{3}{12}$ doz.
Egg Noodles	23 x 8 oz. pkts.
Fowls	61
Fish - fresh	117 lbs.
Fish paste	1 bott.; 2 jars
Fish - pickled and curried	145 tins
Fish - tinned	3905 tins
Fruit - juice	71 tins
Fruit - Preserved	1 x 2 lbs.
Fruit Salad	1 tin
Fruit - Canned	123 cans
Flour	10 lbs.
Flour - Cake	1 x 5 lbs.
Flour - Self Rising	11 x 1 lb.

Grapefruit ../

FOODSTUFFS CONDEMNED Cont'd.

Grapefruit	169 poc.
Giblets	2
Guava - Jelly	6 tins
Guava - Cocktail	31 x 12 ozs.
Haddock	17 pkts.
Herrings	25 tins
Herring - Roes	4 x 4 ozs.
Herbs	1 pkt.
Ice Cream Powder	2 cartons
Jam	86½ lbs.
Jelly	2 pkts.; 13 cartons; 3 tins
Kidneys	1 tin
Kippers	4 tins
Lemon Juice	1 bottle
Lemon Curd	1 jar
Lemons	49 pockets
Lentils	2 x 1 lb.
Lime Juice	1 bottle
Meat and Vegetables	9 tins
Meat - tinned	8 tins
Meat - paste	2 x 3 ozs.; 2 x 2 ozs.
Meat - corned	59 tins
Milk-shake mix	1 bot.
Milk - condensed	2 tins
Milk - evaporated	10 tins
Maltabella	9 pkts.
Meal	9 tins
Mushrooms	2 x 10 ozs.
Matzos	14 lbs.
Macaroni	13 pkts.
Marmalade	9 tins
Mayonnaise	104 bottles
Nuts - mixed	1 tin
Nestum	1 x 8 ozs.
Oatmeal	13 x 1 lb.
Olives	6 x 6 ozs.
Oranges in Syrup	5 tins
Oats	32 lbs.
Onions - Cocktail	3 x 5 ozs.
Onions - Pickled	63 jars
Olive Oil	44 x 3¾ ozs.

Pears ../

FOODSTUFFS CONDEMNED Cont'd.

Potatoes	261 pockets
Potato Chips	1 carton
Peaches	11 trays
Pate	21 x 4 ozs.
Peas	20 poc.; 3 lbs. & 50 tins
Pearl Barley	3 x 1 lb.
Peanuts - salted	8 boxes
Peanut Butter	7 bottles
Pineapples	4 tins
Pickles	1 tin; 9 jars; 24 bott.
Puddings	7
Plums - tinned	9 lbs.
Prunes	1 lb.
Quinces	1 tin
Raisins	1 lb.
Red Peppers	2 bottles
Ravioli	42 ozs.
Rice	1 tin
Sardines	446 tins
Salmon	1 tin
Semolina	8 x 1 lb.
Spice	6 x 2 oz.; 23 cartons
Sugar	5 lbs.
Strawberries	26 tins
Sausages	3 tins
Squash	24 doz.
Spaghetti	42 tins
Soups	1 tin; 4 lbs. 10 ozs.
Sauerkraut	10 tins
Sprats	1 tin
Tomato Puree	6 lbs.
Tomato Paste	1 x 4 oz.; 1 bott.
Tomatoes	31 boxes
Tomato Sauce	23 x 1½ ozs.
Tomato Juice	1 lb.
Turkeys	3
Unlabelled tins	43 tins
Vegetable Salad	14 tins
Vegetables - Mixed	12 tins
Vermicelli	3 pkts.
Yeast	2 lbs.
Youngberries	46 tins

ABATTOIR

1. ANIMALS SLAUGHTERED:

Cattle	:	18,304
Calves	:	3,530
Sheep	:	72,192
Pigs	:	5,969
Goats	:	107
TOTAL		100,102

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS:

Carcases of Beef	941
Quarters of Beef	452
Carcases of Mutton	4,094
Carcases of Veal	79

3. INCIDENCE OF CERTAIN DISEASES:

	Carcases Examined	% Infected	Carcases Condemned	% Condemned
CATTLE - "Measles" (Cysticercus Bovis)	18,304	7.8%	235	1.3%
CALVES - "Measles" (Cysticercus Bovis)	3,530	4.2%	58	1.6%
PIGS - "Measles" (Cysticercus Cellulosae)	5,969	0.9%	50	0.8%
CATTLE - Tuberculosis	18,304	0.2%	34	0.18%
CALVES - Tuberculosis	3,530	0	0	0
PIGS - Tuberculosis	5,969	1.0%	0	0

4. SUMMARY OF MEAT CONDEMNED:

	Carcases	Estimated Weight
BEEF:	505	202,000 lbs.
BEEF: Portions of Carcases, Organs, etc.	-	327,560 lbs.
VEAL:	115	4,600 lbs.
VEAL: Portions of Carcases, Organs, etc.	-	4,016 lbs.
PORK:	64	7,680 lbs.
PORK: Organs, etc.	-	11,301 lbs.
SHEEP, GOATS & LAMBS:	120	4,200 lbs.
SHEEP, GOATS & LAMBS: Organs, etc.	-	194,000 lbs.
		755,357 lbs.

ABATTOIR Continued.

CARCASES TOTALLY CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION.

Disease or Condition	Bovines	Calves	Sheep	Goats	Pigs
denitis (Acute and Generalised)	-	1	-	-	-
denitis and Enteritis (Acute)	-	-	-	-	1
naemia (Acute)	1	-	-	-	-
naemia and Emphysema	-	-	1	-	-
naemia and Oedema	1	-	-	-	-
naplasmosis	1	-	-	-	-
acterial Necrosis (Acute)	-	-	1	-	-
ruising (Generalised)	19	-	1	-	-
ruising and C. Bovis	7	-	-	-	-
ruising and Fever	43	3	8	-	-
ruising and Oedema	4	-	-	-	-
ruising and Peritonitis	2	-	-	-	-
ruising and Sarcosporidiosis	1	-	-	-	-
arcinoma	1	-	-	-	-
aseous Lymphadenitis (Generalised)	-	-	10	-	-
. Lymphadenitis and Emaciation	-	-	3	-	-
ysticercus Bovis	219	54	-	-	-
ysticercus Bovis and Emaciation	3	-	-	-	-
ysticercus Bovis and Joint Ill	-	1	-	-	-
ysticercus Bovis and Oedema	1	3	-	-	-
ysticercus Bovis and Pyaemia	2	-	-	-	-
ysticercus Bovis and Tuberculosis	2	-	-	-	-
ysticercus Cellulosae	-	-	-	-	50
ecomposition (Imported Carcases)	5	-	1	-	-
maciation	14	-	21	-	-
maciation and Fever	1	-	-	-	-
maciation and Oedema	11	3	13	-	-
maciation and Mastitis (Chronic)	1	-	-	-	-
maciation and Pleurisy	1	-	-	-	-
maciation and Pneumonia	-	1	-	-	-
evers (Undefined)	5	9	21	-	-
ever and Fractures (Multiple)	-	1	-	-	1
angrene	1	-	-	-	-
epatitis (Acute) and Pleurisy	1	-	-	-	-
cterus	7	7	15	-	-
cterus and Bruising	1	-	-	-	-
ntramuscular Haemorrhages (Generalised)	-	1	-	-	-
oint Ill	-	2	-	-	-
astitis (Septic)	25	-	-	-	-
astitis (Septic) and C. Bovis	1	-	-	-	-
astitis (Septic) and Pneumonia	1	-	-	-	-
astitis and Nephritis (Acute)	1	-	-	-	-
oribund	-	-	8	-	-
ephritis (Septic)	-	-	2	-	-
euro Fibroma	11	-	-	-	-
euro Fibroma and Mastitis (Septic)	1	-	-	-	-
edema	13	3	4	-	-
edema and Peritonitis	1	-	-	-	-
eritonitis (Acute)	2	1	-	-	-
eritonitis (Acute) and Pleurisy	6	-	-	-	-
eritonitis (Septic)	7	-	-	-	-
eritonitis (Septic) and Emaciation	2	-	-	-	-
eritonitis (Septic) and Pleurisy	8	-	-	-	-
leurisy (Acute) and Peritonitis	-	-	1	-	1
leurisy (Septic)	2	-	1	-	-
neumonia	-	3	-	-	-
neumonia (Gangrenous)	1	-	-	-	-
neumonia (Septic)	13	6	5	1	2
neumonia (Septic) and Bruising	1	-	-	-	-
neumonia (Septic) and Mastitis	1	-	-	-	-
neumonia (Septic) and Peritonitis	1	-	-	-	-
olyarthritis (Generalised)	-	2	-	-	-
yaemia	18	-	-	-	-
yaemia and Bruising	1	-	-	-	-
yaemia (Umbilical)	-	12	-	-	-
arcoma	-	-	1	-	-
arcosporidiosis	1	-	-	-	8
uberculosis	27	-	-	-	-
uberculosis and Emaciation	3	-	-	-	-
uberculosis and Pneumonia	2	-	-	-	-
nderdevelopment	-	2	2	-	-
raemia	-	-	-	-	1
	505	115	119	1	64

VISCERA AND PORTIONS OF CARCASES CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION

	Bovines	Calves	Sheep & Goats	Pigs
Heads	1859	205	122	125
Hearts	892	348	14493	1551
Intestines	1752	204	31586	70
Kidneys	4054	230	280	180
Livers	7511	323	36659	2249
Lungs (Pairs)	3292	348	14493	1551
Spleens	1858	204	14326	70
Tails	690	-	-	-
Tongues	811	205	122	125
Tripes	1623	204	124	70
Portions Estimated Weights	26037 lbs.	100 lbs.	2000 lbs.	400 lbs.

LOCALISED INFECTIONS:

1 Cattle Head condemned due to LOCALISED Tuberculosis infection.
1 " Tongue " " " " " "
9 " Lungs with Hearts " " " " " "
61 Pig Heads with Plucks " " " " " "

113 Cattle Heads and Tongues condemned due to LOCALISED Actinomycotic Lesions.

LICENCE APPLICATIONS

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

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Applications Received	3	238	32	3	21	257	404	63	9	385	239	228	53	4	-	22
Applications Approved	3	231	28	3	16	229	396	56	6	345	220	180	41	4	-	19
Applications Approved Subject to Requirements	-	6	3	-	5	28	8	6	3	39	19	27	12	-	-	3
Applications Disapproved	-	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Applications Withdrawn	-	-	-	-	1	-	-	-	-	1	-	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. Laundry.
10. Manufacturer, Mineral Water Dealer and Milk Purveyor.
11. Pedlar and Patent Prop. Medicines.
12. Refreshment Room.
13. Storage and Speculator.
14. Tailors.
15. Undertakers.
16. Warehouses.

(2) Applications dealt with under Urban Areas Act.

Applications Received	241
Applications Returned "Not in Order"	8
Applications Returned with requirements	27
Applications Approved for Temporary Licence	2
Applications Withdrawn	2

SANITATION

Total of Inspections (General) carried out	21,933
Total of Rodent Inspections	1,604
Total of Notices and Letters served re Contravention of By-Laws	3,494

INSPECTIONS (GENERAL) GIVEN IN DETAIL

1.	Public Markets	297
2.	Butchers' Shops	192
3.	Dealers and General Dealers (Food)	904
4.	Dealers and General Dealers (No Food)	133
5.	Fish and Poultry Shops	93
6.	Food Sampling	556
7.	Condemnation of Foodstuffs	27
8.	Bakehouses	21
9.	Milkshops (Purveyors of Milk)	133
10.	Ice Cream (Distributors and Manufacturers of)	19
11.	Tea Shops, Cafes, Restaurants and Eating Houses	739
12.	Residential Hotels, Boarding Houses	205
13.	Aerated Water Manufacturers	15
14.	Other places where food is manufactured	19
15.	Hawkers' Premises	141
16.	Hawkers' Carts	54
17.	Butchers' Carts and Carriers	7
18.	Milk Delivery Carts and Ice Cream Carts	4
19.	Milk Depots and Pasteurising Plants	370
20.	Bakers' Carts	1
21.	Theatres and Bioscopes	17
22.	Smoke Nuisance	102
23.	Common Lodging Houses	138
24.	Barracks	125
25.	Native Quarters	379
26a.	Structural Defects in Premises	778
26b.	Defective Washing Areas	42
26c.	Defective Sanitary Fittings	311
27.	Other House Inspections	1,414
	c/forward	7,236

SANITATION Cont'd.

	b/forward	7,236
28a.	Undrained Premises	149
28b.	Defective Storm and Waste Water Drains	248
29.	Hairdressers	51
30.	Laundries	104
31.	Schools	17
32.	Factories and Workshops	40
33.	Builders Yards	21
34.	Wood and Coal Yards	25
35.	Courts, Lanes and Alleys	235
36.	Vacant Ground	517
37.	Piggeries	4
38.	Horse Stables	69
39.	Cowkeepers Premises	57
40.	Dairy Stables and Dairies	768
41.	Hide and Skin Merchants' Premises	66
42.	Poultry Keepers	1,199
43.	Infectious Diseases Visits	838
44.	Malaria and Mosquito Inspections, etc.	930
45.	Malaria-Permanent Works, Drains, Tree Planting, etc.	137
46.	Public Sanitary Conveniences	34
47.	Sanitary Conveniences	254
48.	Septic Tanks, French Drains, etc.	48
49.	Pail Privies	214
50.	Pit Privies	63
51.	Refuse and Refuse Bins	1,866
52.	Refuse Tips	76
53.	Other Visits	1,218
54.	Premises Fumigated for Vermin.....	160
55.	Other Visits in Connection with Fumigation	13
56.	Disinfections	2
57.	Disinfection of Bedding and Clothing	17
	c/forward	16,676

SANITATION Cont'd.

	b/forward		16,676
58.	Rodent Inspections by Rodent Inspector		1,604
	(a) Rodent trapping operations	4)	
	(b) Rodent gassing operations	21)	
	(c) Rodent poisoning operations	181)	
	(d) Inspections of New Buildings for Rodent proofing	223)	
	(e) Other Rodent Inspections by Rodent Inspector	1,175)	
59.	Other Rodent Inspections by Health Inspectors		66
60.	Interviews and Complaints		541

REPORTS FOR TRANSMISSION TO OTHER MUNICIPAL DEPARTMENTS

(1) CITY ENGINEER'S DEPARTMENT.

61.	Blocked Sewers, etc.	107
62.	Street Drains	95
63.	Defective Water Fittings	41
64.	Defective Surface and Waste Water Drains	106
65.	Other Defects	39
66.	Unauthorised Structures	83
67.	Sites, etc. re Plans	707
68.	Water Sampling	-

(2) MUNICIPAL BANTU ADMINISTRATION DEPARTMENT.

69.	Licensing and Other Inspections of Premises under Urban Areas Act	293

(3) LICENSING DEPARTMENT.

70.	Inspection of Premises re Licence Applications	1,443

(4) GENERAL.

71.	Other transportation trips	132
	TOTAL :	21,933

PROSECUTIONS

Total number of Prosecutions instituted	22
Under Public Health By-Laws	4
Under Dairy By-Laws	7
Under Food, Drugs and Disinfectants Act	6
Under By-Laws relating to Manufacture, Storage and Sale of Foodstuffs (2 of these in conjunction with General By-Laws)	5
Under Sanitary By-Laws	0
Under Public Health Act	0
Under Abattoir By-Laws	0
Under House Drainage By-Laws	0
Under General By-Laws	0
TOTAL	22
Total number in which accused found guilty and penalty imposed	13
Total number withdrawn, discharged and pending	9
TOTAL	22

CONDEMNED PREMISES

Rooms and Buildings Condemned and/or Demolished

(a) Under Public Health By-Law No. 17: (Demolition Orders)	21
(Of these premises 20 were demolished during the year, and 1 structure is not yet demolished).	
(b) Under Building By-Laws re dilapidated buildings	0
(c) Under Slums Act	0
(d) Voluntary Demolitions	41
TOTAL	62

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