CITY OF PIETERMARITZBURG

ANNUAL REPORT

OF THE

Medical Officer of Health

For the Twelve Months
1st July, 1951 to 30th June, 1952

N.W. Ltd. 14467

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 JUNE 30th, 1952.

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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 year ending 30th June, 1952.

The total incidence of notifiable infectious disease was 19% lower than last year and associated with this drop, the admissions to the Isolation Hospital was the lowest total recorded for 15 years. A small outbreak of Poliomyelitis totalling 13 cases and a small milk-borne outbreak of Typhoid Fever totalling 12 cases occurred during the year.

Tuberculosis is still on the increase, in the Natives in particular The Miniature X-Ray Surveys carried out in Pietermaritzburg by the Union Health Department's Mobile Unit each year for the last three years have resulted in the discovery of many new cases and as a result Clinic attendances have increased by 60%. The provision of a permanent fixed Miniature X-Ray Unit in Pietermaritzburg has now been decided upon by the City Council.

There has been a marked increase in Non-European Infantile Mortality - due chiefly to an increase in deaths from Enteritis in Native infants. Malnutrition is the most important predisposing factor accounting for this condition.

A new Infant Clinic opened in the recently incorporated area of Raisethorpe, has proved most popular with the mothers of the area. The temporary quarters obtained at a local school are beginning to prove inadequate for the large numbers attending this Clinic.

During the year the City Council completed a further 100 'National' (Sub-economic) houses, but the housing shortage is still most acute for all races.

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

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

I have the honour to be,

Ladies and Gentlemen,

Your obedient servant,

M. Maister

MEDICAL OFFICER OF HEALTH.

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CLIMATE AND RATEABLE VALUE.

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

TEMPERATURE AND RAINFALL :

	RAINFALL IN INCHES.	ATMOSPHERIC TEMPERATURE			RELATIVE HUMIDITY Average Daily Percentage
		Av. Daily Maximum °	Av. Daily Minimum °	Av. Daily Mean. °	
1951.					
July	0	70.5	35.5	53.0	73.5%
August	4.0	73.7	42.0	57.8	75.0%
September	1.45	75.8	51.5	63.6	76.1%
October	3.19	79.5	57.4	68.4	77.2%
November	1.68	87.9	59.9	73.9	69.6%
December	4.06	81.4	60.0	70.7	73.0%
1952.					
January	6.76	83.4	64.3	73.8	80.2%
February	4.41	81.4	62.8	72.1	81.5%
March	3.38	80.4	61.9	71.7	86.1%
April	2.02	78.5	54.6	66.5	83.0%
May	3.57	74.4	46.7	60.5	79.3%
June	0.27	72.2	41.4	56.8	84.3%
Total :	34.79				

AREA OF MUNICIPALITY : 31,461.02183 acres

Value of Rateable Property : £18,993,245. 0. 0d.

Exempted Property : £ 7,652,180. 0. 0d.

RATES: General - Land - 4½d in £
Buildings - 3½d in £

Water - ½d per £

CITY OF PIETERMARITZBURG.

LEADING VITAL STATISTICS.

YEAR ENDING 30th JUNE, 1952.

(Average Rate for period 1943 - 1952 in brackets for comparison).

	European	Native	Coloured	Asiatic.
* POPULATION (Estimated)	30,740	20,143	3,439	17,321
BIRTHS REGISTERED. BIRTH RATE (per 1,000 Population)	682 22.2 (24.4)	326 16.2 (20.9)	163 47.4 (52.6)	717 41.4 (57.1)
ILLEGITIMATE BIRTHS. (Percentage of total births).	5 0.7% (1.4%)	132 40.5% (50.3%)	41 25.2% (22.6%)	8 1.1% (1.5%)
DEATHS. CRUDE DEATH RATE. (Corrected for outward transfer)	261 8.5 (10.1)	251 12.5 (13.9)	31 9.0 (17.0)	145 8.4 (12.1)
INFANTILE MORTALITY (Up to 1 Year) DEATHS RATE (Per 1,000 Births).	10 14.7 (24.4)	84 257.7 (200.15)	8 49.1 (82.3)	31 43.24 (49.4)
DEATHS in children from 1 - 4 years (incl.) RATE (Per 1,000 Population).	2 0.07 (0.23)	47 2.35 (2.1)	5 1.45 (2.04)	21 1.21 (1.2)
PULMONARY TUBERCULOSIS. Code No. 015. DEATHS. RATE (Per 1,000 Population).	1 0.03 (0.22)	31 1.54 (1.7)	5 1.45 (1.76)	14 0.81 (1.1)
TUBERCULOSIS - OTHER FORMS. Code Nos. 016 - 025. DEATHS. RATE (Per 1,000 Population).	1 0.03 (0.02)	2 0.10 (0.4)	0 0 (0.49)	1 0.06 (0.3)
ENTERIC FEVER. Code No. 001. DEATHS. RATE (Per 1,000 Population).	0 0 (0.02)	2 0.10 (0.2)	0 0 (0.14)	0 0 (0.2)
CANCER AND OTHER TUMORS. Code Nos. 100 - 136. DEATHS. RATE (Per 1,000 Population).	49 1.59 (1.4)	8 0.40 (0.2)	0 0 (0.7)	8 0.46 (0.4)
DISEASES OF THE HEART AND CIRCULATORY SYSTEM. Code Nos. 350 - 368. DEATHS. RATE (Per 1,000 Population).	87 2.83 (3.7)	21 1.04 (1.4)	6 1.75 (3.4)	36 2.08 (2.0)
BRONCHITIS AND PNEUMONIA Code Nos. 402 - 406. DEATHS. RATE (Per 1,000 Population).	10 0.32 (0.5)	34 1.69 (2.3)	8 2.33 (2.0)	15 0.87 (1.34)

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

BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.

(1) VITAL STATISTICS:

POPULATION:

This is an estimate of the population as at June 30th, 1952, calculated for Vital Statistical purposes. Temporary Visitors, the inmates of the Mental Hospital and Fort Napier Institution, the prisoners in the Gaols and the patients in the Hospitals and the Sanatorium are excluded.
This estimate is based on the Government Census of May 8th, 1951.

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Male	14,750	13,290	1,663	8,989	23,942	38,692
Female	15,990	6,853	1,776	8,332	16,961	32,951
PERSONS	30,740	20,143	3,439	17,321	40,903	71,643

TOTAL BIRTHS REGISTERED.

1) RESIDENTS.

	Male		Female		Persons			Percentage of illeg. to all Births.	Birth Rate per 1,000 Populn.
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total		
European	334	2	343	3	677	5	682	0.7%	22.2
Native	99	59	95	73	194	132	326	40.5%	16.2
Coloured	67	20	55	21	122	41	163	25.2%	47.4
Asiatic	370	4	339	4	709	8	717	1.1%	41.4
All Non-Eur.	536	83	489	98	1,025	181	1,206	15.0%	29.5
All Races	870	85	832	101	1,702	186	1,888	9.8%	26.4

2) NON-RESIDENTS

	Male		Female		Persons			Percentage of Illegitimate to All Births
	Leg.	Illeg	Leg.	Illeg.	Leg	Illeg.	Total	
European	128	3	118	-	246	3	249	1.2%
Native	922	582	993	598	1,915	1,180	3,095	38.1%
Coloured	12	16	9	11	21	27	48	56.3%
Asiatic	28	7	16	9	44	16	60	26.7%
All Non-Eur.	962	605	1,018	618	1,980	1,223	3,203	38.2%
All Races	1,090	608	1,136	618	2,226	1,226	3,452	35.5%

The European and Native Birth Rates increased slightly, but the Coloured rate showed a small decrease and the Asiatic rate a marked decrease.

The European Birth rate increased from 21.4 to 22.4, and the Native Birth rate from 14.3 to 16.2. The Coloured Birth rate dropped from 50.8 to 47.4, and the Indian Birth rate dropped from 52.9 to 41.4.

D E A T H S.

TOTAL DEATHS REGISTERED.

(1) 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	133	9.0	128	8.0	261	8.5
Native	143	10.8	108	15.8	251	12.5
Coloured	19	11.4	12	6.8	31	9.0
Asiatic	88	9.8	57	6.8	145	8.4
ALL NON-EUR.	250	10.4	177	10.4	427	10.4
ALL RACES	383	9.9	305	9.3	688	9.6

(2) NON-RESIDENT.

European	:	92
Native	:	874
Coloured	:	15
Asiatic	:	37
All Non-Eur.	:	926
All Races	:	1,018

DEATHS. (Pages 5-7)

The European crude death rate was 8.5 as compared with 9.5 last year, a substantial improvement. 60% of the deaths occurred in persons over 65 years of age.

The Native death rate rose from 11.2 to 12.5. The Coloured death rate dropped from 12.6 to 9.0, and the Indian death rate rose from 7.9 to 8.4. The death rate for all races was 9.6 as compared with 9.7 last year.

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

European	:	12%	(14% last year)
Native	:	73%	(72% last year)
Coloured	:	61%	(66% last year)
Asiatic	:	61%	(58% last year)
All Non-European	:	68%	(67% last year)

These figures once again show how much better the expectation of life is for Europeans than for Non-Europeans. The table on page 7 also indicates that Cardiac and Circulatory disease far outweighs all other causes of death among Europeans. Among Non-Europeans, respiratory diseases, tuberculosis, heart disease, bowel infections and diseases of infancy are the commonest causes of death.

DEATHS AND DEATH RATES ...../

DEATHS AND DEATH RATES (PER 1,000 POPULATION : VARIOUS CAUSES.
ABRIDGED LIST. (5th Decennial Revision of International List.

RESIDENTS ONLY.

	European		Native		Coloured		Asiatic		All Non-Europeans		All Races	
1. Typhoid Fever	-	-	2	0.10	-	-	-	-	2	0005	2	0.03
2. Plague	-	-	-	-	-	-	-	-	-	-	-	-
3. Meningococcal C.S. Meningitis	-	-	-	-	-	-	-	-	-	-	-	-
4. Scarlet Fever	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-
6. Diphtheria	1	0.03	1	0.05	-	-	-	-	1	0.02	2	0.03
7. Pulmonary Tuberculosis	1	0.03	31	1.54	5	1.45	14	0.81	50	1.22	51	0.71
8. T.B. Non-Pulmonary	1	0.03	2	0.10	-	-	1	0.06	3	0.07	4	0.05
9. Leprosy	-	-	-	-	-	-	-	-	-	-	-	-
10. Malaria	-	-	-	-	-	-	-	-	-	-	-	-
11. Syphilis (all forms)	1	0.03	6	0.30	-	-	-	-	6	0.15	7	0.10
12. Influenza	2	0.07	-	-	-	-	2	0.12	2	0.05	4	0.05
13. Smallpox	-	-	-	-	-	-	-	-	-	-	-	-
14. Measles	-	-	-	-	-	-	-	-	-	-	-	-
15. Typhus Fever	-	-	-	-	-	-	-	-	-	-	-	-
16. Cancer	49	1.59	8	0.40	-	-	8	0.46	16	0.39	65	0.91
17. Diabetes	3	0.10	-	-	-	-	-	-	-	-	3	0.04
18. Cerebral Haem. etc.	25	0.81	5	0.25	-	-	5	0.29	10	0.24	35	0.49
19. Cardiac Disease	68	2.21	17	0.84	5	1.45	30	1.73	52	1.27	120	1.67
20. Other Dis. of Circulatory System	19	0.62	4	0.20	1	0.29	6	0.35	11	0.27	30	0.42
21. Bronchitis and Pneumonia	10	0.32	34	1.69	8	2.33	15	0.87	57	1.39	67	0.94
22. Miner's Phthisis without T.B.	-	-	-	-	-	-	-	-	-	-	-	-
23. Miner's Phthisis with T.B.	-	-	-	-	-	-	-	-	-	-	-	-
24. Other Respiratory Diseases	10	0.32	4	0.20	-	-	1	0.06	5	0.12	15	0.21
25. Ulcer of Stomach and Duodenum	1	0.03	-	-	-	-	-	-	-	-	1	0.01
26. Diarrhoea and Enteritis (Under 2 years).	-	-	59	2.93	7	2.03	14	0.81	80	1.96	80	1.12
27. Appendicitis	-	-	-	-	-	-	1	0.06	1	0.02	1	0.01
28. Diseases of Liver and Biliary Passage	3	0.10	3	0.15	-	-	1	0.06	4	0.10	7	0.10
29. Nephritis	3	0.10	4	0.20	-	-	3	0.17	7	0.17	10	0.13
30. Puerperal sepsis	-	-	-	-	-	-	-	-	-	-	-	-
31. Diseases of Pregnancy, etc.	-	-	-	-	-	-	1	0.06	1	0.02	1	0.01
32. Congenital malformations and Diseases of Early Infancy	9	0.29	12	0.59	1	0.29	15	0.87	28	0.68	37	0.52
33. Suicide	1	0.03	1	0.05	-	-	1	0.06	2	0.05	3	0.04
34. Other Violent Deaths	7	0.23	13	0.64	-	-	5	0.29	18	0.44	25	0.35
35. Other Defined Causes	43	1.40	40	1.98	4	1.16	19	1.10	63	1.54	106	1.48
36. Causes ill-defined	4	0.13	5	0.25	-	-	3	0.17	8	0.20	12	0.17
TOTAL :	261	8.49	251	12.48	31	9.01	145	8.37	427	10.4	688	9.6

[illegible] - UNITED STATES [illegible] 1,000 POPULATION - [illegible] COUNTY:

[illegible] (Per Reported Prevalence of Infection) [illegible]

[illegible] - [illegible]

	Porcine		Bovine		Colonna		Autotha		All Non-Zoonotic		All Zoo[illegible]
Gold Fever	-	-	2	0.10	-	-	-	-	2	[illegible]	0.
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	1	0.05	1	0.05	-	-	-	-	3	0.05	0.
[illegible]	1	0.05	31	1.54	5	1.45	14	0.81	50	1.25	0.
[illegible]	1	0.05	2	0.10	-	-	1	0.06	4	0.07	0.
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible] (all forms)	1	0.05	8	0.50	-	-	-	-	6	0.15	0.
[illegible]	-	-	-	-	-	-	2	0.12	2	0.05	0.
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	49	1.50	8	0.46	-	-	8	0.46	16	0.40	65
[illegible]	5	0.20	-	-	-	-	-	-	-	-	0.
[illegible]	28	1.01	6	0.25	-	-	8	0.50	16	0.40	44
[illegible]	68	1.00	17	0.61	5	1.45	30	1.75	80	1.27	130
[illegible]	19	0.52	4	0.20	1	0.22	6	0.36	31	0.57	50
[illegible]	10	0.32	34	1.65	6	2.55	16	0.87	57	1.27	67
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	10	0.32	4	0.20	-	-	1	0.06	5	0.12	15
[illegible]	1	0.05	-	-	-	-	-	-	-	-	1
[illegible]	-	-	56	2.65	7	2.05	14	0.80	80	1.94	80
[illegible]	-	-	-	-	-	-	1	0.06	1	0.02	1
[illegible]	4	0.10	3	0.15	-	-	1	0.06	4	0.10	7
[illegible]	2	0.05	4	0.20	-	-	2	0.12	7	0.17	10
[illegible]	-	-	-	-	-	-	-	-	-	-	
[illegible]	-	-	-	-	-	-	1	0.06	1	0.02	1
[illegible]	8	0.22	12	0.59	1	0.29	15	0.87	25	0.62	57
[illegible]	-	-	1	0.05	-	-	1	0.06	-	0.02	2
[illegible]	2	0.05	15	0.84	-	-	3	0.[illegible]	3	0.[illegible]	55
[illegible]	5	0.20	4	1.25	4	1.16	18	[illegible]	26	1.06	[illegible]
[illegible]	1	0.05	3	0.25	-	-	2	0.12	2	0.05	7
TOTAL:	211	5.66	251	12.48	31	9.00	165	9.57	487	12.1	722

SEASONAL OCCURRENCE OF DEATHS.

AMONG RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July 1951	16	16	32	7	6	13	5	2	7	6	1	7	18	9	27
August	9	15	24	13	8	21	1	2	3	7	11	18	21	21	42
September	6	8	14	7	4	11	0	1	1	7	3	10	14	8	22
October	9	9	18	7	9	16	0	0	0	9	1	10	16	10	26
November	7	7	14	17	7	24	3	0	3	11	4	15	31	11	42
December	11	3	14	20	24	44	2	2	4	6	8	14	28	34	62
January	15	10	25	14	10	24	0	2	2	6	2	8	20	14	34
February	21	14	35	18	13	31	1	1	2	7	12	19	26	26	52
March	7	11	18	10	5	15	1	0	1	9	2	11	20	7	27
April	14	11	25	10	6	16	1	1	2	1	1	2	12	8	20
May	8	9	17	13	7	20	2	0	2	9	4	13	24	11	35
June 1952	10	15	25	7	9	16	3	1	4	10	8	18	20	18	38
TOTAL :	133	128	261	143	108	251	19	12	31	88	57	145	250	177	427

DEATHS OF RESIDENTS GIVEN IN AGE GROUPS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 yr.	7	3	10	39	45	84	5	3	8	16	15	31	61	65	126
1 - 2 yrs.	0	0	0	19	21	40	1	2	3	15	5	20	34	26	60
2 - 4 "	1	1	2	1	6	7	1	1	2	1	0	1	3	7	10
5 - 14"	2	0	2	3	2	5	0	0	0	2	4	6	5	6	11
15 - 24"	1	1	2	7	3	10	1	2	3	5	5	10	13	10	23
25 - 34"	3	1	4	13	5	18	0	1	1	7	6	13	20	12	32
35 - 44"	4	8	12	16	3	19	2	0	2	6	2	8	24	5	29
45 - 54"	11	14	25	22	7	29	3	0	3	8	3	11	33	10	43
55 - 64"	32	20	52	10	7	17	4	1	5	11	8	19	25	16	41
65 - 74"	31	32	63	5	5	10	2	0	2	7	4	11	14	9	23
75 & Over	41	48	89	8	4	12	0	2	2	10	5	15	18	11	29
TOTAL :	133	128	261	143	108	251	19	12	31	88	57	145	250	177	427

(1) Vital Statistics. Cont'd.

SUMMARY OF CAUSES OF DEATH.

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

RESIDENTS ONLY.

	European	Native	Coloured	Asiatic
Acute Exanthemata	1 : 0.4%	3 : 1.2%	0 : 0	0 : 0
Tuberculosis (all forms)	2 : 0.8%	33 : 13.1%	5 : 16.1%	15 : 10.3%
Syphilis	1 : 0.4%	6 : 2.4%	0 : 0	0 : 0
Other Parasitis and Infectious Diseases	3 : 1.2%	8 : 3.2%	0 : 0	2 : 1.4%
Cancer	49 : 18.8%	8 : 3.2%	0 : 0	8 : 5.5%
Diabetes	3 : 1.2%	0 : 0	0 : 0	0 : 0
Cerebral Haemorrhage Thrombosis and Embolism	25 : 9.6%	5 : 2.0%	0 : 0	5 : 3.4%
Cardiac Diseases and Other Diseases of Circulatory System	87 : 33.3%	21 : 8.4%	6 : 19.4%	36 : 24.8%
Respiratory Diseases (Non-Tuberculous)	20 : 7.7%	38 : 15.1%	8 : 25.8%	16 : 11.0%
Enteritis and Diarrhoea (Under 2 years)	0 : 0	59 : 23.5%	7 : 22.6%	14 : 9.7%
Other Diseases of Digestive System	7 : 2.7%	5 : 2.0%	1 : 3.2%	4 : 2.8%
Nephritis	3 : 1.2%	4 : 1.6%	0 : 0	3 : 2.1%
Congenital Malformations	5 : 1.9%	0 : 0	0 : 0	1 : 0.7%
Diseases Peculiar to First Year of Life	4 : 1.5%	12 : 4.8%	1 : 3.2%	14 : 9.7%
Senility	19 : 7.3%	3 : 1.2%	0 : 0	4 : 2.8%
Deaths from Violence	8 : 3.1%	14 : 5.6%	0 : 0	6 : 4.1%
Other Causes	8.9%	12.7%	9.7%	11.7%
TOTAL DEATHS :	261 :	251 :	31 :	145 :

TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE AND INCIDENCE PER 1,000 POPULATION. (In Brackets).

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

	European	Native	Coloured	Asiatic	All Non Eur.	All Races
Enteric Fever	18(0.58)	10(0.50)	0	4(0.23)	14 (0.34)	32 (0.45)
Pulmonary Tuberculosis	17(0.55)	64(3.18)	15(4.36)	33(1.91)	112 (2.74)	129 (1.80)
Tuberculosis - Other Forms	0	7(0.35)	1(0.29)	9(0.52)	17 (0.42)	17 (0.24)
Scarlet Fever	23(0.75)	1° (0.05)	0	0	1 (0.02)	24 (0.33)
Erysipelas	1(0.03)	0	0	0	0	1 (0.01)
Puerperal Sepsis	0	1(0.05)	0	0	1 (0.02)	1 (0.01)
Diphtheria	10*(0.32)	2(0.10)	2(0.58)	0	4 (0.10)	14 (0.19)
Cerebrospinal Fever (Meningococcal Meningitis)	2(0.06)	1(0.05)	1(0.29)	1(0.06)	3 (0.07)	5 (0.07)
Anterior Poliomyelitis (Paralytic)	8(0.26)	1(0.05)	0	0	1 (0.02)	9 (0.12)
Anterior Poliomyelitis (Non-Paralytic)	4(0.13)	0	0	0	0	4 (0.05)
Encephalitis Lethargica	2(0.06)	0	0	2(0.12)	2 (0.05)	4 (0.05)
Leprosy	0	0	0	0	0	0
Ophthalmia Neonatorum	0	0	0	0	0	0
TOTAL	85(2.76)	87(4.32)	19(5.52)	49(2.83)	155 (3.79)	240 (3.34)

* Includes 1 "Diphtheritic Otitis".

° = Coloured Case.

(2) INFECTIOUS DISEASE.

There were 240 notifications of infectious disease, a 19% decrease on the total of 303 recorded last year, mainly due to a decrease in the notifications of Scarlet Fever in Europeans and of Diphtheria in Non-Europeans. (See page 8).

ISOLATION HOSPITAL (EUROPEAN INFECTIOUS DISEASE) (Page 57).

Altogether 222 patients were admitted during the year, 188 Borough and 34 Out-of-Borough. Figures for the previous years were :-

1950-1951 : 204; 1949-1950 : 247; 1948-1949 : 229; 1947-1948 : 189; 1946-1947 : 170; 1945-1946 : 193; 1944-1945 : 159; 1943-1944 : 318; 1942-1943 : 334; 1941-1942 : 259; 1940-1941 : 405; 1939-1940 : 307; 1938-1939 : 216; 1937-1938 : 215; 1936-1937 : 183.

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

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL. (Page 57).

Admissions totalled 225, 112 Borough and 113 Out-of-Borough cases. Admissions since the opening of this hospital have been as follows :-

1950-1951 : 304; 1949-1950 : 442; 1948-1949 : 308; 1947-1948 : 304; 1946-1947 : 305; 1945-1946 : 238; 1944-1945 : 332; 1943-1944 : 344; 1942-1943 : 252.

INFECTIOUS DISEASES HOSPITALISATION.

The City Council's scheme of expansion of its Infectious Diseases Hospitals which has been submitted to Pretoria, and approved in principle in 1950 is still the subject of negotiation and is awaiting approval in detail.

1) The proposed new Non-European V.D. Hospital which was reduced from 120 beds to 60 beds, due to the drop in Hospital patient numbers, following upon the use of Penicillin as a routine treatment, has been further reduced to a total of 40 beds.

2) The Formidable Epidemic Diseases Hospital has been disapproved and the Union Health Department has agreed that European cases of Formidable Epidemic Disease will be transferred to the Quarantine Station at Fynnlands, while the Venereal Diseases Hospital will have to be cleared for Formidable Epidemic Diseases patients when necessary.

3) The additional 24 beds for Tuberculosis are approved.

4) The additional 2 bed ward at the European Isolation is approved.

5) Additional accommodation at the Nurses Home is approved.

6) The provision of sewerage at the Non-European Hospital is approved.

7) As the Formidable Epidemic Diseases Hospital is not approved, the Council's proposal to use this hospital as an extension of the Non-European Infectious Diseases Wards until such time as required for Formidable Epidemic Diseases must fall away.

AMBULANCE.

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

1) Total number of cases removed : 4,857
2) Infectious Cases removed : 782

LABORATORY WORK. ...../

LABORATORY WORK.

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

Swabs for Diphtheria Bacilli	248
Swabs for Haemolytic Streptococci	76
Smears for Gonococcus, organisms etc	7
Cerebro-Spinal Fluids	23
Bloods (Weil Felix)	3
Blood (Counts, Smears)	10
Test (Pregnancy)	3
Sputum (T.B., Organisms)	3
Stools (Parasites, etc.)	14
Urines (Chemical, microscopic, etc.)	15
Blood (Widal/Vi)	17
Milk - for Bacterial Count	75
Milk - Phosphatase Tests	11
Blood (Culture - E. Typhosus	2
Stool and Urane Culture - E. Typhosus	18
TOTAL:	525

Work done in Departmental Laboratory :-

Mosquito larvae examined : 2,907
Snails identified : 2,318

NOTIFIABLE INFECTIOUS DISEASE.

(a) ANTHRAX. No cases notified.

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

VACCINATION.

Vaccination at the Municipal Pass Office is carried out on every unvaccinated or inadequately vaccinated registrant at the Pass Office. (See page 23).

In addition, since the Smallpox Epidemic of 1944, 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, for the year :-

Successful Vaccinations (under 3)	260
Successful Vaccinations (over 3)	13
Insusceptible to Vaccination (under 3)	12
Exempted from Vaccination	0

The number of vaccinations carried out by this Department at its Clinics during this period was 1,077 (Eur. 284, Nat. 173, Col. 152, As. 468).

(c) DIPHTHERIA. The total number of cases notified was 14, as compared with 69 for last year, and 1 European and 1 Native died from this disease. Both of these deaths occurred in non-immunised children.

The immunisation history in 7 definite cases (confirmed by Virulence tests) admitted to our hospitals was as follows :-

Immunised	Non-Immunised.
Total cases : 1 (Coloured) Deaths : Nil.	Total cases : 6 (3 Eur., 3 Non-Eur.) Deaths : 2 (1 Eur., 1 Non-Eur.)

In 6 cases Cultures, which were reported as Virulent, proved to be C.Diphtheria Mitis. C. Diphtheria Gravis was not found in any cultures reported on.

916 Immunisation courses against Diphtheria were completed at the Infant Clinic Sessions this year (Eur. 262, Nat. 38, Col. 152, Asiatics 435).

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

Race	Pre-Inoculation Schick Tests	No. Positive	Post-Inoculation Schick Tests	No.Positive
European	6	2 (33%)	67	8 (incl. 5 doubtful(12%)
Native	-	- -	-	- -
Coloured	-	- -	10	2 (20%)
Asiatic	-	- -	-	- -

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

DIPHTHERIA.

YEAR	EUROPEANS				NATIVES				COLOUREDS				ASIATICS			
	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths
1937-38	352	-	25	1	187	-	2	1	75	-	-	-	238	-	2	-
1938-39	405	-	32	2	232	-	5	-	82	-	2	1	198	-	2	-
1939-40	403	18	41	3	199	-	2	-	86	-	2	1	149	-	5	-
1940-41	428	140	18	-	209	-	1	-	73	155	2	-	398	-	8	1
1941-42	515	191	25	1	217	-	4	-	114	23	-	-	425	56	2	1
1942-43	454	412	31	1	239	-	5	-	94	2	2	-	500	36	1	-
1943-44	550	447	53	1	274	33	16	2	104	16	3	-	526	-	4	1
1944-45	526	315	33	3	262	125	26	-	116	2	2	-	581	6	6	-
1945-46	587	225	36	-	189	91	9	1	103	66	5	2	558	46	10	1
1946-47	697	275	14	-	315	81	13	2	149	192	-	-	711	138	13	2
1947-48	704	275	10	1	303	118	4	1	133	120	5	2	704	261	14	2
1948-49	703	672	43	4	279	134	7	2	116	125	2	1	670	393	10	3
1949-50	669	520	21	4	263	102	34	6	109	106	6	1	669	391	5	-
1950-51	636	272	13	-	272	88	41	3	165	140	7	1	840	366	8	1
1951-52	682	262	12	1	326	67	2	1	163	152	2	-	717	435	-	-

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

(d) SCARLET FEVER ...../

(d) SCARLET FEVER.

24 Cases were notified as compared with 53 cases last year. The disease continued to be mild. The use of Penicillin in the treatment of Scarlet Fever has enabled us to permit children to return to school after 2 weeks quarantine as throat swabs reveal the rapid disappearance of Haemolytic Streptococci under this form of treatment. No "return cases" have yet been encountered in our experience with this procedure.

(e) CEREBRO-SPINAL MENINGITIS.

5 Cases were notified during the year, as compared with 4 each year for the previous four years.

(f) ANTERIOR POLIOMYELITIS.

13 Cases were notified this year, 9 Paralytic and 4 Non-Paralytic, with one death (a European adult). Of the Paralytic cases, one (Native) died subsequently from other causes, two have now almost completely recovered, 3 have moderate paralysis and are still improving and 2 with considerable paralysis are also still improving.

(g) ENTERIC FEVER.

32 Cases were notified, 18 European, 10 Native and 4 Asiatic, an increase over last year's total of 16.

In 2 European, 1 Asiatic and 7 Native cases, the diagnosis could not be confirmed by bacteriological investigation. In 1 European case the infection was probably contracted outside of the City while on holiday.

12 of the European cases are considered to be probably the result of a small milk borne epidemic. They were all raw milk consumers deriving milk from one dairy, where cases of Typhoid Fever had occurred on the farm, (but not among the dairy workers) shortly before the outbreak. Careful investigation of the dairy employees failed to demonstrate the source of infection or the presence of any carrier or recovered case. From epidemiological investigation it appeared probable that infection of the milk supply took place over a period of approximately 14 days and had ceased before the first case of Typhoid Fever was notified. Although the source of infection could not be found, no further cases occurred when precautions were discontinued.

14 Persons were immunised, 7 Europeans, 6 Natives and 1 Coloured. The method employed was two injections of Endotoxoid (S.A.I.M.R.). All those immunised were contacts of patients suffering from Typhoid Fever, and completed the course of 2 injections.

(h) PUERPERAL SEPSIS.

Only 1 case (a Native) was notified as compared with 4 last year.

This patient was confined in hospital, the confinement being complicated by Ante Pastum Haemorrhage.

(3) TUBERCULOSIS (Pages 40-41).

Notifications of Pulmonary Tuberculosis totalled 129, a small increase on last year's total of 123, 17 of these being of Europeans. Notifications of Non-Pulmonary Tuberculosis totalled 17 (all Non-European) as compared with the previous years's total of 26.

42 Borough cases (23 Natives, 4 Coloureds and 15 Asiatics) were admitted to the Tuberculosis block of the Non-European Infectious Diseases Hospital.

During the year 25 Borough cases were admitted to Grey's Hospital. (4 European, 12 Native, 3 Coloured and 6 Asiatic). 18 Borough cases and 10 Out-of-Borough cases were admitted from the T.B. Clinic to our own Tuberculosis Hospital. 6 Europeans, 5 Natives, 4 Coloureds and 3 Asiatics were admitted to the King George V-Springfield Hospital for Tuberculosis in Durban and 10 Europeans were

admitted to the ...../

(3) TUBERCULOSIS Cont'd.

admitted to the Wentworth Tuberculosis Hospital, Durban, 1 European was admitted to Lilleshall Convalescent Hospital and 1 Asiatic was admitted to the F.O.S.A. settlement, Durban.

The scheme of subsidising rentals in tubercular families at the Sobantu Village, where a larger house was necessary to ensure the isolation of the infectious case in the home, was continued during the year, and 1 family was assisted in this way. Control by the Native Health Assistant is maintained to ensure that isolation is observed, but constant vigilance is needed and the patient's response is not always satisfactory.

The Natal Anti-Tuberculosis Association made grants to 34 families in Pietermaritzburg (5 European, 11 Native, 7 Coloured and 11 Asiatic), to enable the breadwinner to accept hospital treatment.

The following tables illustrate the trend in notifications and deaths from this disease over the period 1934-1952 :-

PULMONARY TUBERCULOSIS.

YEAR	NOTIFICATIONS						DEATHS					
	Eur.	Nat.	Col.	As.	All Non-Eur.	Total	Eur.	Nat.	Col.	As.	All Non-Eur.	Total
4-5	7	35	12	31	78	85	4	25	7	8	40	44
5-6	17	38	15	32	85	102	2	14	3	12	29	31
6-7	8	40	8	20	68	76	4	18	7	17	42	46
7-8	17	40	15	14	69	86	7	29	7	7	43	50
8-9	15	40	15	10	65	80	5	19	6	8	33	38
9-40	7	23	7	17	47	54	4	15	7	9	31	35
0-41	7	13	11	7	31	38	3	19	1	6	29	32
1-2	8	22	6	18	46	54	5	9	1	15	25	30
2-3	8	29	2	27	58	66	5	13	2	16	31	36
3-4	5	23	3	24	50	55	3	14	4	14	32	35
4-5	13	52	5	30	87	100	3	14	4	11	29	32
5-6	12	60	10	24	94	106	10	24	6	12	42	52
6-7	10	51	13	25	89	99	11	31	6	11	48	59
7-8	23*	49	9	32	90	113	9	23	4	18	45	54
8-9	18	68	8	22	98	116	8	44	4	11	59	67
9-50	17	62	9	17	88	105	3	27	3	10	40	43
0-51	18	58	9	38	105	123	2	20	3	9	32	34
1-2	17	64	15	33	112	129	1	30	6	13	49	50

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

NON-PULMONARY TUBERCULOSIS.

YEAR	NOTIFICATIONS						DEATHS					
	Eur.	Nat.	Col.	As.	All Non-Eur.	Total	Eur.	Nat.	Col.	As.	All Non-Eur.	Total
4-5	1	4	0	3	7	8	2	6	0	1	7	9
5-6	3	3	1	6	10	13	1	2	0	2	4	5
6-7	2	8	0	5	13	15	1	4	0	3	7	8
7-8	5	10	3	6	19	24	3	1	2	3	6	9
8-9	1	3	0	3	6	7	0	2	0	2	4	4
9-40	2	3	1	3	7	9	1	2	1	0	3	4
0-41	3	2	0	3	5	8	2	1	0	0	1	3
1-2	2	7	2	7	16	18	1	3	1	3	7	8
2-3	1	3	4	2	9	10	1	1	1	3	5	6
3-4	1	4	0	3	7	8	0	5	1	3	9	9
4-5	2	6	1	8	15	17	0	3	2	5	10	10
5-6	1	5	3	3	11	12	1	4	1	3	8	9
6-7	1	8	3	2	13	14	0	11	3	3	17	17
7-8	5*	9	1	4	14	19	1	8	1	2	11	12
8-9	0	7	0	7	14	14	1	7	1	2	10	11
9-50	0	12	2	10	24	24	1	3	1	2	6	7
0-51	1	10	3	12	25	26	0	6	1	2	9	9
1-2	0	7	1	9	17	17	1	2	0	1	3	4

*Includes 1 case also notified as Pulmonary Tuberculosis.

(3) TUBERCULOSIS Cont'd.

A definite increase in the total of notified cases of Pulmonary Tuberculosis in the number of deaths reported, is therefore again noted this year, the increase being found entirely in Non-Europeans.

MINIATURE MASS RADIOGRAPHY.

A third Miniature Mass Radiography Survey carried out in Pietermaritzburg in 1951 on the following institutions :-

Natal Convict Prison.
Pietermaritzburg Central Gaol.
South African Breweries.
Cribi Government Village.(Returned soldiers temporary housing scheme).
Natal University College.
Woodlands Indian School.
Raisethorpe (inc. Baijoo G.A. Indian School).
Market Square.

The following were the Preliminary Results of the Survey :-

	Eur.	Nat.	Col.	As.
Total Number X-Rayed	1,544	1,753	208	1,339
Positive X-Rays				
Inactive/Minimal T.B.	12(0.9%)	32(1.8%)	3(1.4%)	12(0.9%)
Active/Advanced T.B.	2(0.15%)	11(0.6%)	3(1.4%)	3(0.2%)
Other Chest Conditions Discovered.				
Cardiac Conditions.	10(0.7%)	11(0.6%)	2(1%)	3(0.2%)
Non-Tuberculous Chest Conditions.	2(0.15%)	15(0.9%)	1(0.5%)	1(0.1%)

The final results after detailed follow up of cases reported as positive or suspicious by the Miniature X-Ray were as follows :-

(The Natal Convict Prison and the Pietermaritzburg Central Gaol could not be followed up and are excluded from the final figures).

	Eur.	Nat.	Col.	As.
Total Number X-Rayed	1,228	512	176	1,323
Positive X-Rays				
Inactive/Minimal T.B.	4(0.3%)	3(0.6%)	1(0.6%)	8(0.6%)
Active/Advanced T.B.	4(0.3%)	3(0.6%)	1(0.6%)	3(0.2%)
Cardiac Conditions	11(0.9%)	11(2.1%)	2(1.1%)	3(0.2%)
Non-Tuberculous Lung Conditions	5(0.4%)	6(1.2%)	2(1.1%)	3(0.2%)
Not Traced	-	9(1.7%)	1(0.6%)	-

The combined ...../

(3) TUBERCULOSIS Cont'd.

The combined result of the surveys in 1949, 1950, and this survey has been to discover the following definite cases of Tuberculosis in Pietermaritzburg:-

	Eur.	Nat.	Col.	As.	Total
Total Miniature X-Rays	3,017	2,681	441	2,876	9,015
Minimal/Inactive	14(0.5%)	21(0.8%)	1(0.2%)	28(1.0%)	64(0.7%)
Advanced	6(0.2%)	24(0.9%)	2(0.4%)	10(0.4%)	41(0.5%)

The following table compares the results of the three Mass X-Ray Surveys that have been carried out in Pietermaritzburg:-

	European Surveys			Non-European Surveys		
	1949	1950	1951	1949	1950	1951
Total X-Rayed	413	1,376	1,228	1,722	2,265	2,011
Active/Advanced Cases	-	2(0.1%)	4(0.3%)	15(0.9%)	15(0.7%)	7(0.3%)
Inactive/Minimal Cases	6(1.5%)	6(0.4%)	4(0.3%)	39(2.3%)	37(1.6%)	12(0.6%)

There is no doubt of the value of these surveys in discovering patients suffering from Pulmonary Tuberculosis, and no doubt of the benefit to the community and to the patients themselves of dealing with these cases before they themselves will voluntarily come up for treatment.

There is also no doubt that these surveys throw up into glaring prominence our tremendous need for hospital beds for isolation and treatment. With the first survey it became necessary for us to establish an extra 5 temporary beds in our Non-European Hospital. With the second survey we have had to establish an extra 4 temporary beds and overflow into 6 of the Infectious Diseases beds. In the meantime we have been negotiating with the Union Health Department for several years for an additional 24 Tuberculosis beds in our Native Hospital (see page 9).

THE TUBERCULOSIS CLINIC : (Page 46).

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

The routine clinical and X-Ray examination of all contacts of cases of Tuberculosis notified, was carried out at the Tuberculosis Clinic. During the year there were 3,886 attendances at the Clinic (including 576 Out-of-Borough cases), a 60% increase in attendances. 3,173 visits were made to tuberculotics and contacts in their homes, (Borough cases only). 570 Contacts were examined and X-Rayed at the Tuberculosis Clinic (including 61 Out-of-Borough contacts), this being double last years total of 279. The following notified cases were on our Tuberculosis Register as at June 30th, 1952. (Last years figures in brackets for comparison):-

	Eur.	Nat.	Col.	As.	All Non-Eur.	Total
Pulm. T.B.	49(35)	67(49)	19(16)	81(59)	167(124)	216(159)
Non-Pulm. T.B.	2(2)	8(11)	3(2)	22(16)	33(29)	35(31)

The marked increase in the work of the clinic this year, has resulted from the case finding activities of the Mass X-Ray Unit.

The Tuberculosis Hospital : (Non-European Only).

Admissions totalled 59, 42 Borough cases (23 Native, 4 Coloured and 15 Asiatic) and 17 Out-of-Borough cases (12 Native, 3 Coloured, and 2 Asiatic).

(3) TUBERCULOSIS Cont'd.

1942-1943	Annual	Admission	Rate	per	Bed	.....	3.6 patients.
1943-1944	"	"	"	"	"	.....	4.0 "
1944-1945	"	"	"	"	"	.....	2.8 "
1945-1946	"	"	"	"	"	.....	1.8 "
1946-1947	"	"	"	"	"	.....	2.0 "
1947-1948	"	"	"	"	"	.....	3.1 "
1948-1949	"	"	"	"	"	.....	2.8 "
1949-1950	"	"	"	"	"	.....	2.3 "
1950-1951	"	"	"	"	"	.....	1.7 "
1951-1952	"	"	"	"	"	.....	1.5 "

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

(4) VENEREAL DISEASE. (Pages 47 - 56).

(a), (b) and (c) One Clinic Session is held weekly for each race and sex, conducted by the Assistant Medical Officers of Health. These Clinics are held in the Grey's Hospital Out-Patient Department Buildings. A separate Clinic Session is held for European Males, European Females, and Native females. A combined session is held for Coloured and Asiatic females, and a combined session is held for Coloured, Asiatic and Native Males. One European Health Visitor, 2 Native Nurses, 1 Native Orderly and 3 Native Health Assistants, assist at the Female Clinics, while the Health Visitor, a European Male Nurse, a Native Orderly and 3 Native Health Assistants, assist at the Male Clinics. Three Native Health Assistants devote their full time to Venereal Diseases.
The European Male Nurse, 1 Native Nurse and the Native Orderly are from the Staff of the Non-European Venereal Diseases Hospital, thus providing an effective link between the Clinic and the Venereal Diseases Hospital.

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

It has been found that the Health Visitor is quite readily able to deal with both Male and Female cases, and to achieve useful results in all of the races in regard to improved attendance of defaulters at the Clinics. Personal visiting has been found the most effective method, and letters have been used very rarely.

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

	European		Native		Coloured		Asiatic	
	No. of Tests	% Positive	No. of Tests	% Positive	No. of Tests	% Positive	No. of Tests	% Positive
945-46	180	0.6%	2,860	11.8%	149	7.7%	636	2.4%
946-47	185	0.5%	2,963	16.8%	465	1.9%	1,423	1.6%
947-48	193	1.6%	3,053	9.3%	153	3.2%	772	2.2%
948-49	293	1.7%	3,568	9.3%	190	2.8%	846	4.5%
949-50	42	0	3,949	10.6%	102	7.8%	521	6.3%
950-51	41	0	4,351	10.5%	218	8.5%	855	2.1%
951-52	58	0	5,019	13.6%	279	5.7%	862	3.2%

(f) ...../

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

	EUROPEAN				NATIVE				COLOURED				ASIATIC			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
43-44	14.1	3.7	2.5	6.7	3.6	2.8	2.9	4.1	2.7	6.1	2.4	2.6	3.5	3.5	7.3	1.1
44-45	7.6	11.2	3.5	7.0	9.8	7.7	4.7	6.7	7.5	11.2	16.2	8.9	7.7	9.3	9.0	8.0
45-46	7.7	5.9	13.5	6.7	10.1	8.9	6.4	7.5	4.0	8.4	10.8	7.4	5.7	6.9	6.2	6.9
46-47	10.3	5.4	11.4	35.5	9.3	8.1	5.6	6.7	8.3	10.1	7.2	5.3	8.0	6.4	3.0	3.4
47-48	15.3	5.6	9.5	6.6	9.5	7.5	5.0	5.3	10.1	8.2	3.5	7.4	8.3	8.0	4.6	2.7
48-49	7.6	9.0	10.2	1.7	9.0	7.2	5.1	5.7	9.3	7.3	11.2	11.5	8.5	7.7	12.3	9.8
49-50	5.0	5.4	-	1.0	8.8	6.1	5.1	4.7	9.7	8.6	6.3	5.0	6.9	6.6	4.2	3.5
50-51	5.4	7.5	-	2.3	6.4	6.9	4.1	4.1	5.7	6.2	3.8	7.4	5.2	5.6	14.0	2.2
51-52	5.0	2.5	1	1	5.5	5.6	3.0	3.6	3.8	7.4	1	2.3	3.0	5.4	2.5	1.9

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

(g) A further decrease in Clinic Attendances has been recorded, there being 10,157 attendances during the year as compared with last year's total of 12,495. 2,733 Home Visits were paid to cases of Venereal Disease, as compared with last year's total of 3,375. The decrease in attendance is probably due to the change over to Penicillin treatment in hospital, so that many patients who formerly attended weekly for treatment now only attend occasionally for checking.

EPIDEMIC HOSPITAL. (Non-European V.D.)

Admissions to this hospital totalled 1,312 this year showing a big decrease on the previous year's total of 1,654, the daily average of in-patients totalling 42 as compared with 50 last year.

The re-admissions for this period numbered 182, i.e. 13.8% of admissions as compared with 16%, 14% and 12% the preceding three years. An analysis of the patient's reasons for re-admissions and for failure to continue treatment, is given in the following table :-

	Male	Female	Total
1) No reason given for failure to continue treatment...	15	4	19
2) Patients thought themselves cured after only a few follow-up injections	2	1	3
3) Patients attended only irregularly for follow-up treatment	8	5	13
4) Patients diagnosed on first admission as Non-Venereal Disease, but re-admitted subsequently and diagnosis found to be Venereal Disease.....	-	-	-
5) Patients unable to pay a doctor for further treatment	2	2	4
6) Patients stated no facilities for further treatment available near their homes or unable to pay transport to obtain treatment	2	6	8
7) Patients stated employers would not allow them to attend for further treatment	-	-	-
8) Patients told by a doctor that they were cured after only a few subsequent injections	6	2	8
9) Cooled and received no further treatment	-	-	-
10) Patients re-admitted suffering from forms of V.D. other than that originally admitted for	6	13	19
11) Non-Venereal Disease	10	16	26
12(a) Relapsed though attended Clinic fairly regularly	-	1	1
(b) Relapsed after Penicillin treatment	7	1	8
13(a) Reinfected after discharge from Clinic	3	9	12
(b) Reinfected after discharge from Clinic-after Penicillin	25	36	61
14) Religious objections to treatment	-	-	-

One ...../

One can regard the re-admissions under the first three headings (approx. $\frac{1}{5}$ of the total) as due to failure of the Educative section of the Venereal Diseases Hospital treatment. The proportion recorded which has been $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{5}$ in the last four years respectively, appears to be improving steadily.

With the availability of Penicillin Procaine G. in Oil, Penicillin treatment of all Syphilitic cases is now routine in this hospital. All cases of Gonorrhoea receive Penicillin treatment. The rapid ten day course (a total of 6 M.u. Penicillin Procaine in Oil) has undoubtedly shortened the average hospital stay of Syphilitic cases and brought about a reduction in the daily average of hospital in-patients).

(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 rodents work has been carried out on commonage, but the rodent-proofing of existing infested premises has been dealt with intensively. All business premises handling foodstuffs are inspected routinely every three months, and particular attention is paid to rodent-proofing. The block-by-block survey of the City Area is being continued to determine and deal with rodent-infestation. A single Departmental Rodent Inspector devotes all his time to anti-rodent measures, trapping, poisoning, chiefly with Zinc Phosphide or with Strychnine to a lesser extent, and Cyanogas pumping being employed. Excellent results are being obtained by the use of the P.traps and the pre-baiting technique.

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

Trapping operations by Rodent Inspector	: 17.	Rodents trapped.....		27
Poisoning " " " "	: 225.	Rodents Poisoned:		
		(Bodies recovered).....	65	
		(Estimated total - bodies not recovered)...	1152	1217
Gassing operations by Rodent Inspector	: 25.	Rodents killed		59
		Total		1303

25 Dwellings completed rodent-proofing -229 inspections made.
98 business premises, shops and stores rodent-proofed - 438 inspections made.
3 stables - 16 inspections made.
2 other buildings - 31 inspections made.

New buildings supervised for rodent-proofing : 17.
Vacant landsgassed : 15.

(6) OTHER COMMUNICABLE DISEASES:

(1) MALARIA.

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

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

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

(11) ...../

(II) BILHARZIA.

Regular surveys were carried out during the year, and 2,318 snails were identified. Copper Sulphate was used for the treatment of areas where Physopsis Africana have been identified with a resultant rapid and considerable reduction in the number of snails found.

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

(III) ENTERITIS in children under the age of two years accounted for 80 deaths, (59 Native, 7 Coloured and 14 Indian) an alarming increase on the previous year's total of 35.

(IV) MUMPS.

There was quite a considerable prevalence of Mumps at the beginning of the year under review. This appeared to be the 'tailing off' of the severe outbreak of the year before. There were very few Non-European cases. 29 Cases were admitted to the (European) Isolation Hospital, 28 being Borough cases. 1 Case only was admitted to the Non-European Infectious Diseases Hospital, from outside the Borough. No deaths were reported from this disease. (See table on page 57).

(V) MEASLES.

There was quite a considerable prevalence of this disease in school children this year, 103 Borough cases being admitted to the Isolation Hospital.

(VI) CHICKEN POX.

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

(VII) WHOOPING COUGH.

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

(7) WATER SUPPLY. (See Page 61).

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

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

The water supply has provided inadequate on several occasions for the expanding needs of the City, and restrictions have been imposed on the use of water on several occasions. Building to expand the Purification Works is nearing completion. Metering all domestic water supplies is now under consideration with a view to reducing the total consumption of water by the City.

(8) NIGHTSOIL AND DISPOSAL.

The administration of this work is in the hands of the City Engineer. The greater part of the Town and Suburbs is served by water-borne sewerage, although the conservancy system is still in use in certain outlying areas. Disposal is on the

sewage ...../

sewage farm about 3 miles from the centre of the Town, where broad irrigation is carried out and the screenings and nightsoil are trenched. The City Council has acquired adjoining land, in order to extend the area available for sewage disposal, and has now approved a scheme for a modern filtration plant. The designing of the scheme has now been completed, and tenders are being invited.

(9) MEAT SUPPLIES (See Pages 64-65).

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. 155 Inspections of butchers' shops were made. A list of meat, fish and fowl condemned after inspection is shown on pages (62 - 63).

The Abattoir Manager reports that during the year 43,619 animals were slaughtered, an 84% increase on last year's low total of 23,717.

All slaughtering at the Abattoir is carried out by this Department.

All condemned meat and offal is transported in drums to a privately owned By-Product Plant at Bisley, just outside of Pietermaritzburg. The City Council has decided to build its own By-Products Plant, and has acquired land adjoining the Abattoir for the purpose of expansion. Plans and estimates for the expansion of the Abattoir, provision of change rooms, and the provision of new Railway Siding facilities were finally approved by the Council. Adequate Cold Storage accommodation has also been planned, there being none at the Abattoir at present.

In view of the falling off in supplies to the Abattoir it has been decided not to proceed with the Main Scheme at present. However, work was done to improve the present lairage accommodation, by providing asbestos roofing to all the pens. The construction of a new siding inside the Abattoir grounds has now been commenced by the S.A.R. & H. authorities. It is hoped that this siding will prevent the possibility of escape of animals from the cattle bank and Abattoir into the City area.

From July to October, 1951, the Abattoir reached a new low level for the number of stock handled. Since then, however, the supply position has been excellent, and during December and February it was possible to build up a reserve supply of about 1,200 carcases of beef in cold storage.

The removal of the control price of mutton and the introduction of auction sales of mutton in December, 1951, has caused many difficulties in the working of the Abattoir, which was never designed for such sales.

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

CYSTICERCUS BOVIS AND CELLULOSAE ("MEASLES").

The following table shows the number of carcases infected with "Measles" during the past 7 years :-

	CATTLE			CALVES			PIGS		
	Slaughtered	% Infected	% Condemned	Slaughtered	% Infected	% Condemned	Slaughtered	% Infected	% Condemned
-46	11,091	7.73	0.91	5,076	4.98	1.30	3,947	2.96	2.58
-47	12,227	8.00	1.16	4,369	5.05	1.46	3,480	4.22	3.76
-48	11,513	6.94	0.84	3,244	4.68	1.44	3,254	4.94	4.06
-49	9,126	5.82	0.97	3,102	4.51	1.90	5,318	2.76	2.08
-50	10,564	7.16	0.88	3,385	4.66	1.38	6,308	1.37	1.10
-51	8,364	8.72	1.21	3,113	5.30	1.28	6,445	2.17	1.69
-52	10,740	8.69	0.94	2,428	5.02	1.35	4.148	3.18	2.60

(10) MILK SUPPLIES.

The milk supply has been carefully controlled throughout the year. It is derived from 30 producer-distributors, of whom 18 are in the Borough, and 12 outside of the Borough.

In addition ...../

In addition to these, there are 92 producers, 9 Borough and 83 Out-of-Borough, who send their milk to a pasteurization plant, from where it is distributed after pasteurization. All these dairymen are registered with this Department and their premises are inspected regularly. Approximately 70% of the milk sold in Pietermaritzburg is now pasteurized.

There are 12 cream suppliers, of whom 7 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 by the Health Inspector, are posted to the Durban Government Laboratory for examination, thus involving an overnight journey. 433 Bloods were examined and of these 3 were reported positive. A repeat examination of these cases was carried out and the result was reported Negative.

There was one milk-borne Enteric outbreak of 12 cases arising from one raw milk supply to the City (see page 12 - Enteric Fever). The actual person who was the source of the infection could not be traced.

(11) OTHER FOOD SUPPLIES. (Pages 60 - 63).

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 62 - 63). 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 66. A system of routine 3 monthly inspections of all food-handling premises, of Boarding Houses and of laundries is carried out. Careful attention is paid to storage conditions, particularly to rodent-proofing, and there is a considerable improvement in this connection. 319 Inspections of the Borough Market and 1,648 inspections of other premises manufacturing or handling food were made. (Pages 67 - 69).

Food and Drugs Act. (Pages 60 - 61).

Under the Food, Drugs and Disinfectants Act, 42 samples were taken and the results of the analyses were as follows :-

Milk: 15 Samples: 7 Samples not in accordance with requirements in regard to Solids-Non-Fat, i.e., 4 were between 8% and 8.5% and 3 were below 8%.

Ice Cream: 1 Sample: In accordance with standards laid down.

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

Mince Meat: 14 Samples: All samples in accordance with standards laid down.

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

In the case of the 4 defective Solids-Non-Fat Milk Samples in the group 8% to 8.5%, letters were written to the dairymen. In the case of the 3 samples below 8%, prosecutions were instituted.

(12) MATERNITY AND CHILD WELFARE. (Page 59).

The European Infantile Mortality Rate of 14.7 was very considerably lower than last year's figure of 23.6 and is an extremely satisfactory and low rate.

The Coloured Infantile Mortality Rate rose slightly from 48.5 to 49.1.

The Indian Infantile Mortality Rate rose from 32.1 to 43.2

The Native Infantile Mortality Rate was 257.7, a marked increase on last year's rate of 228.

The main causes and age groupings of Infantile Mortality in the different races are shown on pages 38 - 39.

In Europeans ...../

In Europeans prematurity was again the chief cause of Infantile Mortality. Diarrhoea and Enteritis was the chief cause of Non-European Infantile Mortality, with Pneumonia second, and prematurity third. The trebling of the deaths in Native infants from Gastro Enteritis, an eminently preventible condition, is a clear indication for additional work in this race.

This Department continued to supply milk to necessitous infants up to the age of 2 years, and also to a certain number of children below the age of 5. See page 59.

Diphtheria immunisation was continued throughout the year as one of the activities of the Infant Welfare Clinics, a total of 916 children being immunised (European 262; Native 67; Coloured 152; Asiatic 435).

A combined Diphtheria and Whooping Cough Vaccine was used in infants, and of the total given above 227 European, 33 Native, 74 Asiatics, and 112 Coloured infants were immunised against Whooping Cough at the same time as against Diphtheria. The Asiatic figure is low on account of the difficulty experienced in persuading Asiatics to attend for the full course of 3 injections. 90 Schick Tests were also done (80 Europeans and 10 Coloureds). 6 Of these were Pre-inoculation Schick tests and 84 were post-inoculation Schick tests.

The detailed results of the Schick Tests were as follows :-

SCHICK TESTS.

Pre-inoculation Schick Tests.

	European	Coloured
No. of Tests	6	-
No. Negative	4	-
No. Positive	2	-
No. Doubtful	-	-
No. not read	-	-

Post-inoculation Schick Tests.

	European	Coloured
No. of Tests	74	10
No. Positive	3	2
No. Negative	59	8
No. Doubtful	5	-
No. not read	7	-

Child Welfare Clinic attendances were as follows :-

	European	Native	Coloured	Asiatic
1945-46	6,259	2,843	1,075	3,041
1946-47	8,073	3,206	1,682	3,748
1947-48	6,849	3,092	1,570	3,535
1948-49	8,740	3,426	1,110	3,272
1949-50	7,778	2,649	935	3,180
1950-51	7,671	3,798	1,776	4,324
1951-52	8,068	4,230	1,989	5,164

The increased Non-European attendance over the last 2 years is due mainly to the opening of a new Infant Clinic in the newly incorporated area of Raisethorpe. This Clinic has proved very popular and is growing rapidly. Temporary accommodation was obtained in the Baijoo Government Aided Indian School.

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

Successful Vaccinations (under 2 years) : 260.
" " (over 2 years) : 13.
Insusceptible to Vaccination (under 2 years) : 12.
Exempted : Nil.

Vaccinations ...../

Vaccinations carried out by this Department at the Infant Clinic sessions totalled 1,077, (Eur. 284, Nat. 173, Col. 152. As. 468).

Maternal Mortality.

2 Asiatic deaths were recorded. One from Eclampsia, and one from Placenta Praevia.

The Midwifery Training School at Grey's Hospital provides midwifery services for Europeans 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 all races are provided. The Non-European Maternity Wards of Grey' Hospital have been transferred to a temporary converted hospital at Mayor's Walk providing 76 beds for Natives, Coloureds and Asiatics. Native District Midwifery is carried out by the Native Municipal Midwife, but is not extensive as most Native women in Pietermaritzburg prefer to go to Hospital for their confinements.

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

Borough cases : (From 1st July, 1951 to 30th June, 1952) :-

Ante-Natal Clinic Attendances:		District Midwifery Visits:	
Europeans	592	Europeans	670
Natives	2,505		
Coloureds	327	Coloureds	1,373
Asiatics	657	Asiatics	7,288
TOTAL	4,081	TOTAL	9,331

The Municipal Native Midwife conducted 6 confinements and paid 85 confinement visits during the year.

Pietermaritzburg is a "Prescribed Area" under Section 39(b) of the Medical Dental and Pharmacy Act No. 13 of 1928, within which no person other than a medical practitioner or a midwife registered under the Act, shall attend any lying-in-woman for gain. There is one untrained midwife (an Asiatic) "listed" in Pietermaritzburg, and she conducted 5 confinements in the year. 3 midwive's bag inspections were made.

(13) BY-LAW NOTICES AND PROSECUTIONS. (Pages 67 - 70).

2,486 Notices and formal letters were served regarding breaches of the Borough By-Laws. 32 Prosecutions were initiated in the Magistrate's Court, as details on page 70).

(14) OTHER MATTERS OF HEALTH AND SANITATION.

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

Complaints from Burgesses: 76 Complaints were received and attended to during the year.

Medical Examination of Natives:

umber Examined	Rejected (All Causes)	Rejected V.D.	Referred T.B. Clinic	Vaccinated
ale : 22,720	99 : 0.4%	32 : 0.2%	25 : 0.1%	
emale : 56	5 : 8.9%	4 : 7.1%	1 : 1.8%	
OTAL : 22,776	104 : 0.5%	36 : 0.2%	26 : 0.1%	247

Other Reasons for Rejection: ...../

Other Reasons for Rejection:

Dirty	:	Male	: 38
Scabies	:	Male	: 3
Rheumatic Carditis	:	Male	: 1

The number of Native female domestic servants coming forward for voluntary examination this year was only half last year's figure, despite the fact that the examination is now available every day instead of once weekly as before. Every person appearing at the Pass Office who does not possess evidence of successful vaccination, is vaccinated. Considerable difficulty has been experienced during the year in getting regular supplies of Lymph for this purpose.

Sobantu (Native) Village Dispensary.

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

Number of new Patients attending Dispensary	:	976
Re-attendances at Dispensary	:	86
Home Visits	:	3,775
Surgical Dressings	:	11,288

Health Propaganda:

No organised propaganda was carried out.

(15) STAFF

The Staff of the Department at June 30th, 1952, 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	:	J.R. van Heerden, M.B., Ch.B., D.P.H.
Asst. Medical Officer (Clinical)	:	K.J. Aitken, M.B., Ch.B., D.P.H.
Chief Clerk	:	E. Bastow
Clerk	:	E.D. Gafney
Junior Clerk	:	D. Hall
Senior Woman Clerical Asst.	:	Miss E.M. Hughes
Junior Woman Clerical Assts.	:	Mrs. D. Cox (nee Hardman) Miss D. Clark. Miss M. Hattingh.

2 Native Messengers.

INSPECTORATE.

Chief Health Inspector	:	C.F. Wyatt, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.

Health Inspectors ...../

Health Inspectors	:	R.E. Bunn, Cert. R.S.I.
	:	D.C. Johnston, Cert. R.S.I.
	:	J.F. Bateson, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., San. Sc. (as applied to Buildings and Public Works) Cert. R.S.I.
	:	J.E.J. van der Merwe, Cert. R.S.I.
	:	Position Vacant.
Rodent Officer	:	G. Fairfield.
Handyman and Transport Officer	:	A.H. Fairall.
1 Indian Fumigation Assistant	:	

HEALTH VISITING STAFF.

Senior Health Visitor	:	Miss E.M. McDougall, Health Visitor's Cert. (Scotland); Health Visitor's Cert. R.S.I.; Mothercraft Cert. (New Zealand).
Health Visitors	:	Miss M.W. Marwick, Mothercraft Cert.
	:	Miss E.E. Holcomb, Health Visitor's Cert. R.S.I.; Mothercraft Cert.
	:	Miss M.J. Home, Health Visitor's Cert. R.S.I.; Mothercraft Cert., Fever Cert.
	:	Mrs. M.P. Bruce, Health Visitor's Cert. R.S.I.; Mothercraft Cert.
	:	Mrs. K.N. Hallowes, Health Visitor's Cert. R.S.I.; Mothercraft Cert.
Clinic Clerk	:	Mrs. A.C. Ferguson.

NATIVE NURSING AND HEALTH ASSISTANT STAFF.

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

ISOLATION HOSPITAL.

Matron	:	E.C. Tiffin.
Sisters	:	R. Browne, V.E. Kelly, M.B. Walker.
Night Sister	:	K.E. Koen.
Probationer Nurses	:	K. von Abo, A.S. du Toit.

1 Housekeeper : M.E. Newton.
14 Domestic Servants.
1 Native Night Watchman.

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL.

Matron	:	C. Le Steers.
1 Housekeeper	:	N. Wright
Native Staff Nurses	:	8
Probationer Nurses	:	5
Native Domestic Staff	:	19
Native Night Watchman	:	1

EPIDEMIC HOSPITAL ...../

EPIDEMIC HOSPITAL.

Officer-in-Charge	:	H.G. Fandam
Housekeeper	:	Mrs. Fandam
Native Staff Nurses	:	2
Native Orderlies	:	3
Native Domestic Staff	:	3
Night Watchman	:	1

ABATTOIR.

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

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REPORT B.

(1) HOUSING.

The City Council built 23 'National' Houses for Europeans in the "Riverbend" scheme, 52 'National' Houses at the Sobantu Village for Natives, and 25 'National' Houses for Asiatics in the City area. In addition, a hostel to house 600 Natives was completed.

Powers under the Borough By-Laws have been exercised sparingly in dealing with insanitary dwellings, owing to present conditions. 8 Dwellings were condemned for demolition under Public Health By-Law 19(b), (7 of these being demolished by the end of the period under review), and 25 dwellings were voluntarily demolished, following representations by this Department. Most of the buildings demolished were insanitary back-yard shacks occupied as dwellings by Natives.

Plans.

All plans of new buildings are submitted to this Department and 569 have been scrutinised. Of these 349 were approved out-right, 93 approved subject to minor alterations, 90 were disapproved and 37 were returned for additional information.

New Buildings.

The City Engineer reports that during the year 190 dwellings were completed for Europeans, and 4 dwellings for Non-Europeans, as compared with last year's total of 162. This is in addition to the Council building detailed above.

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

The Pietermaritzburg Sobantu Village, situated about 3 miles from the centre of the Town, at June 30th, 1952, contained 653 occupied houses and various public buildings, with an estimated population of 3,620. Water is supplied by communal standpipes from the Corporation water supply, and sanitation is by the pail system, separate for each house. Communal ablution blocks and laundries are provided. Provision for hot baths at a small charge has been made in the newly constructed ablution blocks, and this has proved very popular.

The City Council is continuing with the construction of further National (Sub-economic) Houses and has an economic scheme under consideration as well, at the Sobantu Village. All the houses at the Sobantu Village are being built by Native labour, under European supervision.

There are three Corporation Hostels for single Natives. For Males there is the newly extended East Street Hostel (and annexes) now housing 1,066 Natives, and the Ortman Road Hostel with a capacity of 119. The Women's Hostel in Church Street houses 224 women, and an additional Women's Hostel housing 139 Natives, has been established at Oribi to serve the Government Village mainly. These Hostels are under the control of the Municipal Native Administration Department, and two European Superintendents are employed. The scheme for a new Women's Hostel to house over 700 has been shelved owing to the very high tender figures received when the contract was offered. 207 Temporary Licences have been granted during the year to house unexempted Natives under the Natives (Urban Areas) Act. pending the provision of more accommodation at the Village and Hostels.

About 60% of the Natives resident in the Town live in quarters provided on the property of their employers. These quarters are the subject of inspection by this Department and in general are satisfactory.

Asiatic Housing.

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

The ...../

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

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

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

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

Since 1945, the following building has taken place :-

(1) Europeans: a) 54 National (Sub-economic) Houses.
b) 982 Dwellings and 111 Flats.

(2) Natives: a) 316 National (Sub-economic) Houses.
b) Accommodation for 28 persons - aged and indigent Natives.
c) Additional Hostel accommodation for Native Males.

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

(4) Asiatics: 130 Houses (including 75 Sub-economic and National Houses).

Council Housing:

The Council has now completed the scheme of 42 National Houses for Europeans.

A Housing Scheme for 100 'National' houses for Asiatics has been under consideration for some years now, and although funds were obtained for this scheme, the scheme was abandoned owing to objections raised to its siting and a new site is now being sought.

Housing needs as estimated 2 years ago, admittedly by "intelligent guess-work" only, were as follows :-

European	:	Economic	400	Sub-economic	400
Natives	:	"	Nil	"	200
Coloureds	:	"	30	"	150
Asiatics	:	"	170	"	750

While there may be some lessening of the need for economic housing for Europeans due to private enterprise, this is not considerable, for only the high middle and upper income groups are able to meet the present day cost of living. The needs of the other income and racial groups are steadily increasing and practically nothing is being done to supply their requirements.

The fixing of £30 as a limit of income above which no person is eligible for a 'Sub-economic' or 'National' House now places most of the European 'Sub-economic' total quoted above into the "Economic"class.

***

D E A T H S.

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

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
INFECTIVE AND PARASITIC DISEASES.												
Typhoid Fever	0	0	0	1	1	2	0	0	0	0	0	0
Diphtheria	1	0	1	1	0	1	0	0	0	0	0	0
Tuberculosis of :-												
Respiratory System	0	1	1	20	11	31	2	3	5	10	4	14
Central Nervous System	0	0	0	0	1	1	0	0	0	0	1	1
Other Organs	1	0	1	0	0	0	0	0	0	0	0	0
Acute Miliary	0	0	0	1	0	1	0	0	0	0	0	0
Bacillary Dysentery	0	0	0	2	1	3	0	0	0	0	0	0
Amoebic Dysentery	0	0	0	0	2	2	0	0	0	0	0	0
Dysentery - Oth. specified forms	0	0	0	1	2	3	0	0	0	0	0	0
Syphilis :-												
General paralysis of the insane	0	0	0	3	0	3	0	0	0	0	0	0
Aneurysm of Aorta	1	0	1	2	0	2	0	0	0	0	0	0
Congential Syphilis	0	0	0	0	1	1	0	0	0	0	0	0
Influenza with respiratory complications specified	0	1	1	0	0	0	0	0	0	0	0	0
Influenza without respiratory complications specified	1	0	1	0	0	0	0	0	0	1	1	2
Acute Poliomyelitis and Polioencephalitis	0	1	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP I	4	3	7	31	19	50	2	3	5	11	6	17

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	4	3	7	31	19	50	2	3	5	11	6	17
CANCER AND OTHER TUMOURS												
100. Buccal Cavity	4	1	5	0	0	0	0	0	0	1	0	1
101. Oesophagus	2	0	2	2	1	3	0	0	0	0	0	0
102. Stomach & Duodenum	2	3	5	1	0	1	0	0	0	3	0	3
103. Rectum	1	0	1	0	0	0	0	0	0	0	0	0
104. Liver	1	1	2	2	0	2	0	0	0	0	0	0
105. Cancer of Pancreas	1	3	4	0	0	0	0	0	0	0	0	0
106. Other digestive organs (including Peritoneum)	1	2	3	0	0	0	0	0	0	0	2	2
108. Mediastinum	0	0	0	0	0	0	0	0	0	1	0	1
109. Lung	8	3	11	1	0	1	0	0	0	0	0	0
110. Uterus	0	4	4	0	0	0	0	0	0	0	0	0
111. Other female genital organs	0	0	0	0	1	1	0	0	0	0	0	0
112. Breast	0	3	3	0	0	0	0	0	0	0	1	1
113. Prostate	1	0	1	0	0	0	0	0	0	0	0	0
115. Male and Female Urinary Organs	1	3	4	0	0	0	0	0	0	0	0	0
117. Brain and Nervous System	2	0	2	0	0	0	0	0	0	0	0	0
119. Other and Unspecified Organs Non-malignant tumours (incl. dermoid cysts)	1	0	1	0	0	0	0	0	0	0	0	0
130. Female genital Organs	0	1	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 2	25	24	49	6	2	8	0	0	0	5	3	8
(3) RHEUMATISM, DISEASES OF NUTRITION, ETC.												
149. Acute Rheumatic Fever	0	0	0	1	0	1	0	0	0	0	0	0
152. Diabetes	1	2	3	0	0	0	0	0	0	0	0	0
155. Exophthalmic goitre	0	1	1	0	0	0	0	0	0	0	0	0
161. Others	0	0	0	1	0	1	0	0	0	0	0	0
163. Malnutrition	0	0	0	10	5	15	0	0	0	2	0	2
164. Other General Diseases	1	0	1	0	0	0	0	0	0	1	0	1
TOTAL : GROUP 3	2	3	5	12	5	17	0	0	0	3	0	3
Total C/Forward	31	30	61	49	26	75	2	3	5	19	9	28

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS.		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	31	30	61	49	26	75	2	3	5	19	9	28
(4) DISEASES OF THE BLOOD												
Haemorrhagic conditions -												
200. Primary purpura	0	0	0	0	0	0	0	0	0	1	0	1
Anaemias -												
203. Pernicious anaemia	0	1	1	0	0	0	0	0	0	0	0	0
Leukaemias -												
207. Leukaemic	1	1	2	0	0	0	0	0	0	0	0	0
214. Other Diseases	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 4	2	2	4	0	0	0	0	0	0	1	0	1
(6) DISEASES OF THE NERVOUS SYSTEM.												
Encephalitis (non-epidemic) -												
300. Intra-cranial abscess	0	0	0	1	0	1	0	0	0	1	0	1
301. Other forms	0	1	1	0	0	0	0	0	0	2	0	2
302. Pneumococcal Meningitis	0	0	0	1	0	1	0	0	0	0	0	0
304. Diseases of the medulla and spinal cord, other than locomotor ataxia and disseminated sclerosis	1	0	1	0	0	0	0	0	0	0	0	0
305. Cerebral Haemorrhage	7	9	16	2	0	2	0	0	0	1	2	3
306. Cerebral Embolism and Thrombosis	5	4	9	2	1	3	0	0	0	0	1	1
307. Hemiplegia and other paralysis of unstated origin	0	0	0	0	0	0	0	0	0	0	1	1
309. Epilepsy	0	1	1	2	1	3	0	0	0	0	0	0
310. Convulsions in children under five years of age	0	0	0	1	0	1	1	1	2	1	1	2
313. Paralysis agitans	0	2	2	0	0	0	0	0	0	0	0	0
315. Others	0	0	0	2	0	2	1	0	1	0	0	0
TOTAL : GROUP 6	13	17	30	11	2	13	2	1	3	5	5	10
Total C/Forward	46	49	95	60	28	88	4	4	8	25	14	39

DEATHS. Cont'd

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	46	49	95	60	28	88	4	4	8	25	14	39
(7) DISEASES OF THE CIRCULATORY SYSTEM												
353. Valvular Disease-Rheumatic	1	1	2	0	1	1	0	0	0	0	0	0
354. Valvular Disease-Other forms	1	0	1	1	0	1	0	0	0	0	0	0
355. Acute Myocarditis	0	0	0	0	0	0	0	0	0	1	0	1
356. Chronic Myocarditis, specified as Rheumatic	7	6	13	4	3	7	1	1	2	5	2	7
357. Other Chronic Myocarditis	4	3	7	1	0	1	0	0	0	1	0	1
358. Diseases of the coronary arteries and angina pectoris	19	13	32	1	0	1	2	0	2	9	4	13
360. Other Heart Diseases not specified as Rheumatic	5	8	13	2	4	6	1	0	1	3	5	8
362. Arterio sclerosis	2	3	5	2	2	4	0	0	0	0	0	0
367. High Blood Pressure	5	7	12	0	0	0	1	0	1	1	4	5
368. Other diseases of the Circulatory System (including Hypotension)	1	1	2	0	0	0	0	0	0	0	1	1
TOTAL : GROUP 7	45	42	87	11	10	21	5	1	6	20	16	36
Total C/Forward	91	91	182	71	38	109	9	5	14	45	30	75

DEATHS. Cont'd

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	91	91	182	71	38	109	9	5	14	45	30	75
(8) DISEASES OF THE RESPIRATORY SYSTEM.												
400. Diseases of the nasal fossae and annexa	0	1	1	0	0	0	0	0	0	0	0	0
402. Acute Bronchitis	1	1	2	1	0	1	0	0	0	3	0	3
403. Chronic Bronchitis	1	0	1	0	0	0	0	0	0	0	0	0
404. Broncho Pneumonia	0	4	4	7	13	20	2	2	4	5	3	8
405. Lobar Pneumonia	3	0	3	5	7	12	3	1	4	2	2	4
406. Pneumonia Unspecified	0	0	0	0	1	1	0	0	0	0	0	0
408. Other Unspecified forms of Pleurisy	1	0	1	0	0	0	0	0	0	0	0	0
409. Haem. Infarction of lungs etc.	3	0	3	0	0	0	0	0	0	0	0	0
410. Chronic or Unspecified congestion of the lungs	1	3	4	0	0	0	0	0	0	1	0	1
411. Asthma	0	1	1	0	1	1	0	0	0	0	0	0
417. Abscess of lung	0	0	0	2	1	3	0	0	0	0	0	0
TOTAL : GROUP 8	10	10	20	15	23	38	5	3	8	11	5	16
Total C/Forward	101	101	202	86	61	147	14	8	22	56	35	91

DEATHS. Cont'd

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	101	101	202	86	61	147	14	8	22	56	35	91
9) DISEASES OF THE DIGESTIVE SYSTEM.												
156. Ulcers of the Duodenum	1	0	1	0	0	0	0	0	0	0	0	0
158. Diarrhoea and Enteritis (Under 2 years)	0	0	0	30	29	59	3	4	7	6	8	14
159. Diarrhoea and Enteritis (Over 2 years)	0	0	0	1	1	2	1	0	1	0	2	2
160. Ulceration of the intestines (except duodenum)	0	1	1	0	0	0	0	0	0	0	0	0
161. Appendicitis	0	0	0	0	0	0	0	0	0	1	0	1
163. Intestinal obstruction	0	2	2	0	0	0	0	0	0	0	0	0
167. Cirrhosis of Liver without alcoholism	1	0	1	0	0	0	0	0	0	1	0	1
168. Other diseases of the Liver- Acute yellow atrophy (not associated with pregnancy or the puerperium)	0	0	0	0	2	2	0	0	0	0	0	0
169. Other diseases of the Liver	2	0	2	1	0	1	0	0	0	0	0	0
TOTAL : GROUP 9	4	3	7	32	32	64	4	4	8	8	10	18
Total C/Forward	105	104	209	118	93	211	18	12	30	64	45	109

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	105	104	209	118	93	211	18	12	30	64	45	109
(10) DISEASES OF THE URINARY AND GENITAL SYSTEMS												
501. Chronic nephritis	3	0	3	1	1	2	0	0	0	2	1	3
502. Nephritis - not stated to be acute or chronic	0	0	0	1	1	2	0	0	0	0	0	0
503. Pyelitis	1	0	1	1	0	1	0	0	0	0	0	0
504. Other diseases of Kidneys and Ureters	0	1	1	0	0	0	0	0	0	0	1	1
505. Calculi of Urinary Passages	0	1	1	0	0	0	0	0	0	0	0	0
509. Hypertrophy Prostate	5	0	5	0	0	0	0	0	0	2	0	2
512. Diseases of the Ovaries, fallopian tubes, and parametria	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP 10	9	2	11	3	3	6	0	0	0	4	2	6
(11) DISEASES OF PREGNANCY												
558. Eclampsia of Pregnancy	0	0	0	0	0	0	0	0	0	0	1	1
563. Haemorrhage from placenta praevia during childbirth	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL : GROUP 11	0	0	0	0	0	0	0	0	0	0	2	2
(13) DISEASES OF THE BONES-ORGANS OF MOVEMENT												
651. Other diseases of the bones (except tuberculosis)	0	1	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 13	0	1	1	0	0	0	0	0	0	0	0	0
Total C/Forward	114	107	221	121	96	217	18	12	30	68	49	117

DEATHS. Cont'd.

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	114	107	221	121	96	217	18	12	30	68	49	117
(14) CONGENITAL MALFORMATIONS.												
702. Congenital malformation of Heart.	2	1	3	0	0	0	0	0	0	0	1	1
708. Other stated congenital malformations	0	1	1	0	0	0	0	0	0	0	0	0
709. Unspecified congenital malformations	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 14	3	2	5	0	0	0	0	0	0	0	1	1
(15) DISEASES PECULIAR TO THE FIRST YEAR OF LIFE.												
750. Congenital Debility	0	0	0	0	2	2	0	0	0	1	1	2
751. Premature Birth	2	2	4	3	4	7	1	0	1	5	2	7
752. Injury at birth - Intra-cranial haemorrhage	0	0	0	2	0	2	0	0	0	1	0	1
753. Other birth injuries	0	0	0	0	0	0	0	0	0	1	0	1
754. Asphyxia during or after birth	0	0	0	0	0	0	0	0	0	3	0	3
758. Other specified diseases	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP 15	2	2	4	5	7	12	1	0	1	11	3	14
(16) SENILITY												
800. Senility (age 65 and over)	8	11	19	2	1	3	0	0	0	2	2	4
TOTAL : GROUP 16	8	11	19	2	1	3	0	0	0	2	2	4
Total C/Forward	127	122	249	128	104	232	19	12	31	81	55	136

DEATHS. Cont'd

	EUROPEAN RESIDENTS			NATIVE RESIDENTS			COLOURED RESIDENTS			ASIATIC RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	127	122	249	128	104	232	19	12	31	81	55	136
(17) VIOLENT OR ACCIDENTAL DEATHS.												
850. Suicide by corrosive substances	1	0	1	0	0	0	0	0	0	1	0	1
Suicide by - 859. Cutting or piercing instruments	0	0	0	1	0	1	0	0	0	0	0	0
864. Infanticide	0	0	0	0	1	1	0	0	0	0	0	0
866. Homicide by cutting or piercing instruments	0	0	0	1	0	1	0	0	0	0	0	0
867. Homicide by other or unspecified means	1	0	1	3	0	3	0	0	0	0	0	0
868. Accidents on Railways	1	0	1	1	0	1	0	0	0	0	0	0
869. Collisions with trains	1	0	1	0	0	0	0	0	0	0	0	0
871. Other accidents (Motor-driven Road Vehicles)	0	1	1	3	0	3	0	0	0	2	0	2
874. Other accidents (Motor-driven cycles)	0	0	0	1	0	1	0	0	0	0	0	0
877. Other accidents (Including pedal cycles)	0	0	0	1	0	1	0	0	0	0	0	0
891. Accidental burns	0	0	0	0	0	0	0	0	0	0	1	1
893. Accidental drowning	0	1	1	0	0	0	0	0	0	1	0	1
896. Accidental injury by fall	0	0	0	1	0	1	0	0	0	0	0	0
906. Anaesthetic accidents	0	1	1	0	0	0	0	0	0	1	0	1
908. Other & unspecified Accidents	1	0	1	1	0	1	0	0	0	0	0	0
TOTAL : GROUP 17	5	3	8	13	1	14	0	0	0	5	1	6
(18) ILL-DEFINED CAUSES OF DEATH.												
951. Ill-defined causes	1	2	3	2	2	4	0	0	0	2	1	3
952. Found dead- Cause unknown	0	0	0	0	1	1	0	0	0	0	0	0
953. Other deaths from unknown or unspecified causes	0	1	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP 18	1	3	4	2	3	5	0	0	0	2	1	3
TOTAL	133	128	261	143	108	251	19	12	31	88	57	145

INFANTILE MORTALITY.

(Under 1 Year)

CAUSES OF DEATH.

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
19. Diphtheria	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
24. Tuberculosis - acute miliary	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
72. Bacillary - dysentery	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
91. Rheumatism, diseases of Nutrition etc. Others	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
97. Malnutrition	0	0	0	5	2	7	0	0	0	1	0	1	6	2	8
110. Convulsions in children under five	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
368. Other diseases of the Circulatory system (including hypotension)	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
402. Acute Bronchitis	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
404. Broncho Pneumonia	0	0	0	4	8	12	1	1	2	1	3	4	6	12	18
405. Lobar Pneumonia	0	0	0	1	4	5	1	0	1	0	1	1	2	5	7
406. Pneumonia, unspecified, including congestion of lungs	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
417. Abscess of lung	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
458. Diarrhoea & Enteritis (under 2 years)	0	0	0	19	19	38	2	2	4	3	5	8	24	26	50
469. Other diseases of the Liver	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
702. Congenital malformation of the heart	2	0	2	0	0	0	0	0	0	0	1	1	0	1	1
708. Other stated congenital malformations	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
709. Unspecified congenital malformations	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
750. Congenital debility	0	0	0	0	2	2	0	0	0	1	1	2	1	3	4
751. Premature Birth	2	2	4	3	4	7	1	0	1	5	2	7	9	6	15
752. Intra-cranial or spinal haemorrhage	0	0	0	2	0	2	0	0	0	1	0	1	3	0	3
753. Other birth injuries	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
754. Asphyxia, Atelectasis	0	0	0	0	0	0	0	0	0	3	0	3	3	0	3
758. Other specified diseases	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
884. Infanticide	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
951. Ill-defined causes	1	0	1	0	1	1	0	0	0	0	0	0	0	1	1
952. Found dead, cause unknown	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
TOTAL :	7	3	10	39	45	84	5	3	8	16	15	31	60	63	123

INFANTILE MORTALITY.

RESIDENTS.

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
During 1st Week	4	3	7	2	6	8	0	0	0	9	2	11	11	8	19
1st Week - 3 Weeks	2	0	2	4	8	12	1	0	1	2	1	3	7	9	16
1 Month - 2 Months	1	0	1	4	7	11	0	0	0	0	3	3	4	10	14
3 Months - 5 Months	0	0	0	9	7	16	2	1	3	2	4	6	13	12	25
6 Months - 8 Months	0	0	0	9	8	17	1	1	2	1	4	5	11	13	24
9 Months - 11 Months	0	0	0	11	9	20	1	1	2	2	1	3	14	11	25
TOTAL :	7	3	10	39	45	84	5	3	8	16	15	31	60	63	123

INFANTILE MORTALITY RATES.

(Deaths per 1,000 Births).

	EUROPEAN	NATIVE	COLOURED	ASIATIC
During 1st Week	7 : 10.3	8 : 24.6	0 : 0	11 : 15.3
1 Week - 3 Weeks	2 : 2.9	12 : 36.8	1 : 6.1	3 : 4.2
1 Month - 2 Months	1 : 1.5	11 : 33.7	0 : 0	3 : 4.2
3 Months - 5 Months	0 : 0	16 : 49.1	3 : 18.4	6. : 8.4
6 Months - 8 Months	0 : 0	17 : 52.2	2 : 12.3	5 : 7.0
9 Months - 11 Months	0 : 0	20 : 61.3	2 : 12.3	3 : 4.2
Infantile Mortality Rate	10 : 14.7	84 : 257.7	8 : 49.1	31 : 43.3

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

European	: 3.8%
Native	: 33.5%
Coloured	: 25.8%
Asiatic	: 21.4%
All Non-European	: 28.8%
All Races	: 15.0%

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

	EUROPEAN		NATIVE		COLOURED		ASIATIC		ALL NON-EUR.	
	No.	%	No.	%	No.	%	No.	%	No.	%
Malnutrition	0	0	7	8.3	0	0	1	3.2	8	6.5
Tuberculosis (All forms)	0	0	1	1.2	0	0	0	0	1	0.8
Gastro-Enteritis	0	0	38	45.2	4	50.0	8	22.2	50	40.7
Bronchitis & Pneumonia	0	0	18	21.4	3	37.5	5	16.1	26	21.1
Malformations	4	40.0	0	0	0	0	1	3.2	1	0.8
Congenital Debility	0	0	2	2.4	0	0	2	6.4	4	3.2
Prematurity	4	40.0	7	83.	1	12.5	7	22.6	15	12.2
Injury at Birth	0	0	2	2.4	0	0	1	3.2	3	2.4
Convulsions	0	0	0	0	0	0	0	0	0	0
Whooping Cough	0	0	0	0	0	0	0	0	0	0
Syphilis	0	0	0	0	0	0	0	0	0	0
Diphtheria	0	0	1	1.2	0	0	0	0	0	0
Other specified Causes	2	20.0	7	8.3	0	0	6	19.4	14	11.4
Ill-defined causes	0	0	1	1.2	0	0	0	0	1	0.8
	10		84		8		31		123	

PULMONARY TUBERCULOSIS.

DEATHS IN MONTHS OF THE YEAR.

RESIDENTS.

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	4	2	6	1	0	1	1	0	1	6	2	8
August	0	0	0	3	2	5	1	1	2	1	1	2	5	4	9
September	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
October	0	0	0	1	0	1	0	0	0	2	0	2	3	0	3
November	0	0	0	1	0	1	0	0	0	2	1	3	3	1	4
December	0	0	0	2	0	2	0	1	1	0	0	0	2	1	3
January	0	0	0	1	0	1	0	1	1	1	0	1	2	1	3
February	0	0	0	3	2	5	0	0	0	0	0	0	3	2	5
March	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
April	0	0	0	3	2	5	0	0	0	0	0	0	3	2	5
May	0	1	1	1	1	2	0	0	0	2	0	2	3	1	4
June	0	0	0	1	2	3	0	0	0	0	0	0	1	2	3
TOTAL :	0	1	1	20	11	31	2	3	5	10	4	14	32	18	50

PULMONARY TUBERCULOSIS DEATH RATES PER 1,000 POPULATION.

European	:	.032
Native	:	1.54
Coloured	:	1.45
Asiatic	:	0.81
All Non-European	:	1.22
ALL PERSONS	:	0.71

DEATH IN AGE GROUPS.

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
0 - 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 2 years	0	0	0	1	2	3	0	0	0	0	0	0	1	2	3
2 - 4 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
5 -14 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
15 -24 years	0	0	0	2	1	3	1	1	2	2	2	4	5	4	9
25 -34 years	0	0	0	3	3	6	0	1	1	5	2	7	8	6	14
35 -44 years	0	0	0	5	1	6	0	0	0	1	0	1	6	1	7
45 -54 years	0	0	0	6	0	6	0	0	0	2	0	2	8	0	8
55 -64 years	0	0	0	1	0	1	0	1	1	0	0	0	1	1	2
65 -74 years	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
75 and over	0	1	1	1	1	2	1	0	1	0	0	0	2	1	3
TOTAL :	0	1	1	20	11	31	2	3	5	10	4	14	32	18	50

NON-PULMONARY TUBERCULOSIS.

DEATHS IN MONTHS OF THE YEAR.

RESIDENTS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
August	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
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
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	1	0	1	0	0	0	0	0	0	1	0	1
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	1	0	1	1	1	2	0	0	0	0	1	1	1	2	3

DEATH RATE PER 1,000 POPULATION.

European	:	0.32
Native	:	0.10
Coloured	:	0
Asiatic	:	0.06
All Non-European	:	0.07
ALL PERSONS	:	0.05

DEATH IN AGE GROUPS.

RESIDENTS.

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
0 - 1 year	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
1 - 2 years	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 -14 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
75 and Over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	1	0	1	1	1	2	0	0	0	0	1	1	1	2	3

CANCER.

(Code Nos. 100-119)

DEATHS IN AGE GROUPS.

RESIDENTS.

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 2 years	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	1	1	0	0	0	0	0	0	1	0	1	1	0	1
45 - 54 years	2	4	6	5	1	6	0	0	0	1	1	2	6	2	8
55 - 64 years	7	5	12	1	0	1	0	0	0	1	1	2	2	1	3
65 - 74 years	10	6	16	0	1	1	0	0	0	1	0	1	1	1	2
75 and Over	5	7	12	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	25	23	48	6	2	8	0	0	0	5	3	8	11	5	16

DEATH RATES PER 1,000 POPULATION.

European	:	1.56
Native	:	0.40
Coloured	:	0
Asiatic	:	0.46
All Non-European	:	0.39

ALL PERSONS : 0.89

FORMS OF CANCER CAUSING DEATHS GIVEN IN AGE GROUPS.

(Code Nos. 100 - 119)

RESIDENTS ONLY

	0 - 24				25 - 44				45 - 64				65 & Over			
	Eur.		N.Eur.		Eur.		N.Eur.		Eur.		N.Eur.		Eur.		N.Eur.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Cancer of:-																
100. Buccal Cavity	0	0	0	0	0	0	0	0	2	1	1	0	2	0	0	0
101. Oesophagus	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1
102. Stomach & duodenum	0	0	0	0	1	0	1	0	0	0	2	0	1	3	1	0
103. Rectum	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
104. Liver	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0
105. Pancreas	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0
106. Other digestive organs (incl. peritoneum)	0	0	0	1	0	0	0	0	1	0	0	1	0	2	0	0
108. Mediastinum	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
109. Lung	0	0	0	0	0	1	0	0	2	2	1	0	6	0	0	0
110. Uterus	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0
111. Other female genital organs	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
112. Breast	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0
113. Prostate	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
115. Male & Female Urinary organs	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0
117. Brain & other parts of Nervous System	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
119. Other & Unspecified organs.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
TOTAL :	0	0	1	1	1	1	1	0	9	9	8	3	15	13	1	1

DEATHS DUE TO BRONCHITIS AND PNEUMONIA.

(Code Nos. 402-406)

RESIDENTS : (Given in months of the Year)

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	0	0	0	1	0	1	3	0	3	4	0	4
August	0	0	0	1	1	2	0	1	1	0	2	2	1	4	5
September	0	1	1	2	3	5	0	1	1	1	0	1	3	4	7
October	1	0	1	2	3	5	0	0	0	3	0	3	5	3	8
November	0	0	0	1	2	3	0	0	0	1	0	1	2	2	4
December	0	0	0	1	4	5	1	0	1	0	2	2	2	6	8
January	0	1	1	2	1	3	0	0	0	0	0	0	2	1	3
February	2	1	3	4	3	7	0	1	1	0	1	1	4	5	9
March	0	2	2	0	2	2	0	0	0	1	0	1	1	2	3
April	1	0	1	0	1	1	0	0	0	0	0	0	0	1	1
May	0	0	0	0	0	0	2	0	2	0	0	0	2	0	2
June.	1	0	1	0	1	1	1	0	1	1	0	1	2	1	3
TOTAL :	5	5	10	13	21	34	5	3	8	10	5	15	28	29	57

RESIDENTS : (GIVEN IN AGE GROUPS).

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	7	13	20	2	1	3	1	4	5	10	18	28
1 - 2 years	0	0	0	1	5	6	0	0	0	4	0	4	5	5	10
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
15 - 24 years	0	1	1	0	0	0	0	1	1	0	0	0	0	1	1
25 - 34 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
35 - 44 years	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
45 - 54 years	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
55 - 64 years	1	2	3	1	1	2	2	0	2	1	0	1	4	1	5
65 - 74 years	0	1	1	0	0	0	0	0	0	1	0	1	1	0	1
75 and Over	4	1	5	2	1	3	0	1	1	2	1	3	4	3	7
TOTAL :	5	5	10	13	21	34	5	3	8	10	5	15	28	29	57

Bronchitis	2	1	3	1	0	1	0	0	0	3	0	3	4	0	4
Pneumonia	3	4	7	12	21	33	5	3	8	7	5	12	24	29	53
TOTAL :	5	5	10	13	21	34	5	3	8	10	5	15	28	29	57

DEATH RATES PER 1,000 POPULATION.

BRONCHITIS : Code Nos. 402 - 403

European :	0.10
Native :	0.05
Coloured :	-
Asiatic :	0.17
All Non-European:	0.10
All Persons :	0.10

PNEUMONIA : Code Nos. 404 -406

European :	0.23
Native :	1.64
Coloured :	2.33
Asiatic :	0.69
All Non-European :	1.30
All Persons :	0.84

DISEASES OF THE HEART AND CIRCULATORY SYSTEM

(Code Nos. 350 - 368)

DEATHS IN AGE GROUPS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	0	0	0	0	0	0	0	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	1	0	1	0	0	0	0	0	0	1	1	2	1	1	2
15 - 24 years	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2
25 - 34 years	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2
35 - 44 years	2	0	2	1	1	2	1	0	1	1	1	2	3	2	5
45 - 54 years	6	4	10	5	2	7	2	0	2	3	1	4	10	3	13
55 - 64 years	13	7	20	2	6	8	2	0	2	7	2	9	11	8	19
65 - 74 years	16	16	32	0	1	1	0	0	0	3	3	6	3	4	7
75 and over	7	15	22	3	0	3	0	1	1	5	3	8	8	4	12
TOTAL :	45	42	87	11	10	21	5	1	6	20	16	36	36	27	63

DEATH RATE (PER 1,000 POPULATION)

European	:	2.83
Native	:	1.04
Coloured	:	1.75
Asiatic	:	2.08
All Non-European	:	1.54
ALL PERSONS	:	2.09

DEATHS DUE TO DIARRHOEA AND ENTERITIS

(Under age of 2 years)

(Code No.458)

RESIDENTS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			ALL NON-EUR		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	0	1	1	0	1	1	0	0	0	0	2	2
August	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
September	0	0	0	2	1	3	0	0	0	0	0	0	2	1	3
October	0	0	0	1	3	4	0	0	0	0	0	0	1	3	4
November	0	0	0	7	2	9	1	0	1	1	0	1	9	2	11
December	0	0	0	6	10	16	1	1	2	0	4	4	7	15	22
January	0	0	0	3	4	7	0	0	0	1	1	2	4	5	9
February	0	0	0	3	1	4	0	0	0	0	3	3	3	4	7
March	0	0	0	3	1	4	0	0	0	0	0	0	3	1	4
April	0	0	0	2	2	4	0	1	1	0	0	0	2	3	5
May	0	0	0	2	2	4	0	0	0	4	0	4	6	2	8
June	0	0	0	0	2	2	1	1	2	0	0	0	1	3	4
TOTAL :	0	0	0	30	29	59	3	4	7	6	8	14	39	41	80

DISTRICTS OF RESIDENCE OF CASES OF ENTERIC FEVER AND TUBERCULOSIS.

	Notifications of Enteric Fever	Deaths from Tuberculosis
P.M. Burg Central	21	32
Zwartkop Valley	1	-
Wembley	1	-
Scottsville (in water supply area)	4	1
Scottsville (outside water supply area)	0	-
Mountain Rise	2	4
Pentrich (in water supply area)	-	4
Pentrich (outside water supply area)	0	0
Chase and Town Bush Valleys	0	1
Sobantu Village	3	4
Hathorn's Hill	0	1
Asiatic Housing Scheme	0	1
No fixed abode	0	7
TOTAL :	32	55

TUBERCULOSIS CLINIC.

July 1st, 1951 to June 30th, 1952.

	European				Native				Coloured				Asiatic				Total			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
New Cases	97	88	10	21	121	88	75	43	31	26	2	8	245	183	30	12	494	385	117	84
Total Attendances	338	299	35	64	462	286	194	114	143	127	5	23	1040	615	100	41	1983	1327	334	242
Sputa Examined	38	8	-	-	42	18	18	2	15	6	-	-	140	20	10	1	235	52	28	3
Sputa Positive	4	1	-	-	11	5	3	-	5	1	-	-	20	1	1	1	40	8	4	1
X-Ray Examinations	134	152	14	8	176	156	99	47	49	48	2	8	366	256	41	17	725	612	156	90
X-Ray Positive	22	9	1	2	51	26	12	7	9	12	-	1	71	11	3	2	153	58	16	12
Positive Diagnosis made	1	1	-	-	4	2	2	2	1	-	-	-	9	1	2	-	15	4	4	2
Adm. to Non.-Eur. Inf. Dis. Hosp. from Clinic	-	-	-	-	4	3	7	1	-	1	-	-	9	1	1	1	13	5	8	2
Contacts Examined	50	46	5	9	68	54	17	11	12	11	-	-	136	132	12	7	266	243	34	27

	EUROPEAN	NATIVE	COLOURED	ASIATIC	TOTAL
Home Visits to Tuberculotics and their contacts (Borough cases only)	521	1,340	296	1,046	3,173

VENEREAL DISEASE

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1952.

EUROPEAN (for key) (see page) 55	A Transferred to Hospital				B New Cases				C Transferred from Hospital & Oth. Clinics				D Undergoing Course II of treatment				E Undergoing Course III of treatment				F Undergoing Course IV of treatment				G Undergoing Course V of treatment				H Total Attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1																	1												4			
2																													1			
3					1																								1			
4																													2			
5					3	1															2								58	15		
6																																
7																																
8																													10	3		
9					1		1																						2	2	1	
10																																
11																																
12																																
13																																
14																																
15																																
16																																
17					1	3																							1	5		
18																																
TOTAL :					6	4	1										1				2								79	25	1	

19. Discharged on Probation — Borough : Males 0 Females 0 Out-of-Borough : Males 0 Females : 0

20. Discharged Finally — Borough : Males 0 Females 0 Out-of-Borough : Males 0 Females : 0

VENEREAL DISEASE. Cont'd

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1952.

NATIVE (For Key) (see page) 55	A Transferred to Hospital				B New Cases				C Transferred From Hospital & Oth. Clinics				D Undergoing Course II of treatment				E Undergoing Course III of treatment				F Undergoing Course IV of treatment				G Undergoing Course V of treatment				H Total Attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1			2				2		20	5	12	8	3			10	15	2		5	5	3			3				131	15	40	33
2	2	2		3				1	7	6	9	11	24		1	10	26				47	6	1		39	3			238	36	32	44
3	6	7	5	21	1	1	1	2	53	35	22	59	110	29	14	14	94	50	13	33	104	39	9	25	85	46	3	19	777	356	166	370
4									4	4	3	2						1				3			12	5			40	30	11	3
5				6	27	46	3	43	40	128	17	145	237	313	16	121	186	246	33	85	165	150	2	61	136	32	6	7	1532	2049	171	1371
6													5																5	18		
7	1			2	3	1	4	2	2	4	2	9	2	2	6	10	14		4		4	10	3		4				45	44	46	75
8										5	1	2		5				1		11						2			5	30	7	21
9	1		2		1	5		2	18	8	7	11	7																112	57	18	58
10																																
11											1																			1	3	1
12							1					2																	5		1	3
13									1																				10			
14											1	1																			1	1
15	1	3		1					3	5	5	2																	10	9	13	8
16									1																				1	1		
17	2		2		27	43	35	49	21	20	19	21		1		8													217	238	142	212
18										1		4																	5	1		5
TOTAL:	13	12	11	33	59	96	46	99	170	221	99	277	388	350	37	173	335	300	50	134	325	211	15	84	277	88	9	26	3133	2885	651	2205

19. Discharged on Probation : Borough : Male 521 Female 324 O/Borough : Male 137 Female 299

20. Discharged Finally : Borough : Male 59 Female 34 O/Borough : Male 11 Female 36

VENEREAL DISEASE. Cont'd.

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1952.

COLOURED (For Key) (see page 55)	A Transferred to Hospital				B New Cases				C Transferred from Hospital & Oth. Clinics				D Undergoing Course II of Treatment				E Undergoing Course III of Treatment				F Undergoing Course IV of Treatment				G Undergoing Course V of Treatment				H Total Attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	1																															
2	2				1				1					1											2				16	1		
3		1								3				7			1	8				22							8	61		
4																																
5									1	2			7	38		2	19	46		10		47		5	2	2			45	261		24
6																																
7													16																21			
8										1								2				6				1				32		
9									1																				4	4		
10																																
11																																
12																																
13																																
14																																
15								1		1																				2		1
16		1																														
17		2			10	3		1	1																				53	18		3
18																																
TOTAL	3	4			11	3		2	4	7			23	46		2	20	56		10		75		5	4	3			147	379		28

19. Discharged on Probation. Borough : Male 22 Female 29 O/Borough : Male 0 Female 4

20. Discharged Finally Cured. Borough : Male 2 Female 18 O/Borough : Male 0 Female 0

VENEREAL DISEASE. Cont'd.

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1952.

ASIATIC (For Key) (See page) 55	A Transferred to Hospital				B New Cases				C Transferred from Hospital & Oth. Clinics				D Undergoing Course II of Treatment				E Undergoing Course III of Treatment				F Undergoing Course IV of Treatment				G Undergoing Course V of Treatment				H Total Attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	1								2												1	6				6			6	13		
2									1												13		9						21		9	
3	1								2				2	2			3	3				1							26	23		
4																									2				2	5		
5						2		1	1	8		4	6	17				35		6		22			6	17			44	224		27
6																													8			
7										2				1			9				1					2			16	10		
8						1				1		1																		6		5
9						1			3																				9	21		
10										1																				8		1
11																																
12																																
13																														1		
14																																
15										1																				4		
16																																
17					3	4			5	5																			33	94	1	1
18																																
TOTAL	2				3	8		1	14	18		5	8	20			12	38		6	15	29	9		8	25			165	409	10	34

19. Discharged on Probation. Borough : Male 32 Female 44 O/Borough : Male 0 Female 1

20. Discharged Finally Cured Borough : Male 2 Female 12 O/Borough : Male 0 Female 0

V.D. CLINIC DEFAULTER INVESTIGATIONS.

	EUROPEAN		NATIVE		COLOURED		ASIATIC	
	M	F	M	F	M	F	M	F
TOTAL DEFAULTERS INVESTIGATED	32	34	415	217	78	144	88	100
UNABLE TO TRACE	4	-	130	92	18	20	24	11
REFUSED TO RETURN	2	18	32	32	24	36	28	17
RETURNED TO CLINIC	26	16	253	93	36	88	36	72
NO. OF VISITS	32	34	504	251	109	178	101	121
RETURNED TO CLINIC.								
A. Voluntarily								
1) For treatment.	-	-	20	-	1	-	-	2
2) Because of relapse.	-	-	-	-	-	-	-	-
3) Because of new infection.	-	-	-	-	-	-	-	-
B. At Request of Health Visitor or Native Health Assistant.								
1) Following personal visits	26	16	253	93	36	88	36	72
2) Following letters	1	-	-	-	-	-	-	-
3) Following telephone calls	-	-	-	-	-	-	-	-
4) Traced through Pass Office Records	-	-	-	-	-	-	-	-
5) Following accidental encounter	-	1	-	-	-	-	-	-
C. Supplementary Visits by Health Visitor (in case of Native Health Assistants).								
1) Defaulter Visited.	-	-	3	3	1	1	-	-
2) Employer telephoned.	-	-	38	-	-	-	-	-
3) Employer visited.	-	-	6	8	1	2	1	-
REASONS FOR DEFAULTING.								
No reason	2	4	222	71	10	28	14	28
Unable to pay transport	-	-	-	-	-	-	-	1
Left City	1	3	8	8	6	5	3	-
Illness	-	2	-	1	3	1	-	6
Hours of work prevent attendance:	-	1	7	-	-	1	1	3
Prefer morning Clinic	-	-	-	-	-	1	-	-
Prefer evening Clinic	-	-	-	-	-	-	-	-
Prefer afternoon Clinic	-	-	-	-	-	-	-	-
Prefer Saturday morning Clinic	-	-	-	-	-	-	-	-
Thought himself cured.	-	-	10	2	-	1	1	1
Races not separated enough at Clinic	-	-	-	-	-	-	-	-
Clinic not private enough	-	-	-	-	-	-	-	-
Other reasons	8	6	3	4	16	30	23	28

VENEREAL DISEASE. Cont'd

EPIDEMIC (V.D.) HOSPITAL RETURNS.

YEAR ENDING 30th JUNE, 1952.

NATIVES (For Key) (See Page) 55	A In Hospital last day of precdg. year				B Admitted from Pass Office and Gaol				C Admitted Voluntarily & from V.D. Clinic				Discharged or Absconded or Died after Treatmnet of Duration.																			
													0 - 14 Days D				15 - 28 Days E				29 - 42 Days F				43 - 56 Days G				57 + Days H			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1					5		4		47	12	56	32	43	12	52	30	8		7	2												
2					1				15	6	43	19	12	5	26	18	3		15	1			1									
3	1		5	13	3		4		78	50	150	253	56	47	105	232	23	2	49	26	3		2	2								
4									1		3	2			2	1			1		1											1
5				1	1		1		11	16	25	43	12	10	25	40		4	1	1				1								
6			1								1				1				1													
7				1					2	2	15	14	1	2	14	13	1			1												
8			1								4	4			4	4			1													
9					1		3		47	9	39	37	48	9	41	36				1												
10																																
11										1	2	1		1	2	1																
12																																
13							1				2				3																	
14																																
15			1		1			1	10	12	14	18	9	4	11	6	1	6	3	9	1		1	4								
16																																
17			2	5			1		25	15	61	107	21	13	60	104	4	2	4	7				1								

No. of admissions during Year.

	Borough		O/Borough	
	Males	Females	Males	Females
No. of individuals admitted during year.	233	117	412	518
No. of individuals discharged etc. during year.	232	113	414	529

	Borough		O/Borough	
	Male	Female	Male	Female
No. of Patients suffering from 2 or more Venereal Diseases.	16	7	17	14

VENEREAL DISEASE. Cont'd.

EPIDEMIC (V.D.) HOSPITAL RETURNS
YEAR ENDING 30th JUNE, 1952.

COLOURED (For Key) (See Page) 55	A In Hospital last day of precdg. year				B Admitted from Pass Office & Gaol				C Admitted Voluntarily & from V.D. Clinic				Discharged or Absconded or Died after Treatment of Duration																			
													0 - 14 Days D				15 - 28 Days E				29 - 42 Days F				43 - 46 Days G				57 + Days H			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1									2				2																			
2									3			1	2			1	1															
3									1	3	2		1	3					2													
4																																
5																																
6																																
7																																
8																																
9											1				1																	
10																																
11																																
12																																
13																																
14																																
15									1	1			1	1																		
16																																
17																																

	Borough Males	Borough Females	O/Borough Males	O/Borough Females
No. of individuals admitted during the year	7	4	3	1
No. of individuals admitted during the year	7	4	3	1

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

VENEREAL DISEASE. Cont'd.

EPIDEMIC (V.D.) HOSPITAL RETURNS
YEAR ENDING 30th JUNE, 1952.

ASIATICS (For Key) (See Page) 55	A In Hospital last day of precdg. year				B Admitted from Pass Office & Gaol				C Admitted Voluntarily & from V.D. Clinic				Discharged or Absconded or Died after treatment of Duration																			
													0 - 14 Days D				15 - 28 Days E				29 - 42 Days F				43 - 56 Days G				57 + Days H			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1									2		1		2		1																	
2																																
3									3		1	2	1		1	2	1				1											
4																																
5																																
6																																
7											2				2																	
8																																
9									4		2		3		2		1															
10																																
11																																
12																																
13																																
14																																
15																																
16																																
17																																

	Borough Male	Borough Female	O/Borough Male	O/Borough Female
No. of individuals admitted during the year	9	0	6	2
No. of individuals Discharged during the year	9	0	6	2

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

VENEREAL DISEASE. Cont'd.

KEY TO VENEREAL DISEASE CLINIC AND HOSPITAL RETURNS.

1. Seronegative Primary Syphilis.
2. Seropositive Primary Syphilis.
3. Secondary Syphilis.
4. Tertiary Syphilis (clinical).
5. Endosyphilis (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. Ulcus Molle.
13. Lymphopathia Venereum.
14. Granuloma Venereum.
15. Venereal Warts.
16. Phagedaena.
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 : 22 FEMALE : 20 TOTAL : 42.

VENEREAL DISEASE HOME VISITS.

European	Native	Coloured	Asiatic	Total		
M : F	M : F	M : F	M : F	M : F	:	PERSONS.
47 : 33	1238 : 761	117 : 221	147 : 169	1549 : 1184	:	2733

VENEREAL DISEASE Cont'd.

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

YEAR ENDING 30th JUNE, 1952.

	STAGE OF PREGNANCY																							
	1 - 3 Months								4 - 6 Months								7 - 9 Months							
	Eur.		Nat.		Col.		As.		Eur.		Nat.		Col.		As.		Eur.		Nat.		Col.		As.	
	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B
No. of Pregnant women submitted to Serological Test				2							6	6							98	167	6		4	6
No. of Positive or Doubtful Reactors				2							3	5							70	106	3		2	6
No. of those who had previously received treatment											1	1							7	8	3			1
No. undergoing a First Course of treatment during pregnancy											2								4	9	2			
No. undergoing a 2nd or 3rd course of treatment during pregnancy											1								1	1				

ISOLATION HOSPITAL (EUROPEAN) AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL CASES ADMITTED JULY 1st, 1951 to JUNE 30th, 1952.

	Borough Cases					Out-of-Borough Cases.					Total Cases Borough and Out-of-Borough
	E	N	C	A	Total	E	N	C	A	Total	
Scarlet Fever	11	3*	-	-	14	1	-	-	-	1	15
Measles	70	29	1	3	103	3	14	-	-	17	120
Diphtheria	17	5	2	1	25	18	44	-	6	68	93
Mumps	28	-	-	-	28	1	1	-	-	2	30
Whooping Cough	8	2	1	-	11	3	9	-	-	12	23
Chicken Pox	18	12	-	2	32	6	8	-	-	14	46
C.S. Fever	2	2	-	2	6	1	3	-	-	4	10
German Measles	16	-	-	-	16	-	-	-	-	-	16
Measles Contact	-	1	-	-	1	-	-	-	-	-	1
Pulmonary Tuberculosis	-	23	4	15	42	-	12	3	2	17	59
T.B. Meningitis	-	-	-	-	-	-	-	1	-	1	1
Paralytic Poliomyelitis	6	2	-	-	8	-	6	-	-	6	14
Non-Paralytic Poliomyelitis	10	-	-	-	10	-	1	-	1	2	12
Vincents Angina	1	-	-	-	1	-	-	-	-	-	1
Paratyphoid Carrier	1	-	-	-	1	-	1	-	-	1	2
Boarder	-	1	-	-	1	1	1	-	-	2	3
Amoebic Dysentery	-	-	1	-	1	-	-	-	-	-	1
TOTAL :	188	80	9	23	300	34	100	4	9	147	447

* Diagnosis on admission - subsequently revised.

ISOLATION HOSPITAL AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

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

BOROUGH CASES.

In 1 case (Nat.) diagnosis Scarlet Fever altered to Tonsillitis.
In 1 case (Nat.) diagnosis Scarlet Fever altered to "undiagnosed".
In 1 case (Nat.) diagnosis Diphtheria altered to Diphtheria carrier.
In 7 cases (3 Eur., 3 Nat., 1 As.) diagnosis Diphtheria altered to Tonsillitis.
In 1 case (Eur.) diagnosis Diphtheria altered to Strept. Naso Pharyngitis.
In 1 case (Nat.) diagnosis Diphtheria altered to Nutritional Oedema.
In 2 cases (Eur.) diagnosis Diphtheria altered to Influenza.
In 2 cases (1Eur., 1 Nat.) diagnosis Diphtheria altered to Laryngitis.
In 1 case (Nat.) diagnosis Diphtheria carrier altered to P.T.B.
In 1 case (Nat.) diagnosis Chicken Pox altered to Lichen Planus.
In 1 case (Eur.) diagnosis Chicken Pox altered to Measles and Pneumonia.
In 1 case (Eur.) diagnosis Mumps altered to Submaxillary Adenitis.
In 1 case (Eur.) diagnosis Mumps altered to Otitis Media.
In 1 case (Eur.) diagnosis C.S. Meningitis altered to Influenza.
In 1 case (Eur.) diagnosis C.S. Meningitis altered to P.U.O.
In 1 case (Eur.) diagnosis Whooping Cough altered to "Undiagnosed".
In 2 cases (1 Nat., 1 Eur.) diagnosis Whooping Cough altered to Bronchitis.
In 1 case (Nat.) diagnosis Pulmonary Tuberculosis altered to Virus Pneumonia.
In 1 case (Nat.) diagnosis Pulmonary Tuberculosis altered to Haemoptysis of unknown origin.
In 1 case (Nat.) diagnosis Measles altered to P.U.O.
In 1 case (Eur.) diagnosis Measles altered to German Measles.
In 1 case (Eur.) diagnosis Measles altered to Stomatitis.
In 1 case (Eur.) diagnosis Measles altered to Allergic Purpura.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Cerebral Haemorrhage.
In 1 case (Eur.) diagnosis Poliomyelitis altered to P.U.O.
In 2 cases (Eur.) diagnosis Poliomyelitis altered to Influenza.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Acute Septic Arthritis of Hip.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Sunstroke.
In 1 case (Eur.) diagnosis Poliomyelitis altered to Meningismus.
In 1 case (Eur.) diagnosis Non-Paretic Poliomyelitis altered to Paretic Poliomyelitis.

OUT-OF-BOROUGH CASES.

In 3 cases (1 Eur., 2 Nat.) diagnosis Whooping Cough altered to Bronchitis.
In 1 case (Nat.) diagnosis Whooping Cough altered to Typhoid Fever.
In 1 case (Nat.) diagnosis Diphtheria altered to P.U.O.
In 6 cases (1 Nat., 5 Eur.) diagnosis Diphtheria altered to Diphtheria Contact.
In 1 case (Nat.) diagnosis Diphtheria altered to Laryngitis.
In 1 case (Nat.) diagnosis Diphtheria altered to Pyelonephritis and Uraemia.
In 14 cases (8 Eur., 5 Nat., 1 As.) diagnosis Diphtheria altered to Tonsillitis.
In 1 case (Nat.) diagnosis Diphtheria altered to Congenital Syphilis and F.B. in nose.
In 2 cases (1 Nat., 1 As.) diagnosis Diphtheria altered to Diphtheria carrier.
In 1 case (Nat.) diagnosis Pulmonary T.B. altered to Bronchitis.
In 1 case (Eur.) diagnosis Meningitis altered to Murine Typhus.
In 1 case (Nat.) diagnosis Poliomyelitis altered to T.B. Meningitis.
In 1 case (Nat.) diagnosis Poliomyelitis altered to Chorea.
In 1 case (Nat.) diagnosis Poliomyelitis altered to "Paralysis of unknown Etiology".

...

INFANT WELFARE.

1. INFANT CLINICS.

	European	Native	Coloured	Asiatic
NEW CASES:				
Under 1 Year	508	373	141	369
Over 1 Year	19	34	14	26
ATTENDANCES:				
Under 1 Year	7,071	3,080	1,564	4,078
Over 1 Year	997	1,150	425	1,086
TOTAL :	8,068	4,230	1,989	5,164
Number on Register	973	649	319	794
Average Attendance per person	8.3	6.5	6.2	6.5

2. HOME VISITS.

	European	Native	Coloured	Asiatic	Total
Ante-Natal	6	52	132	169	359
First Visits - (Notified Births)	596	129	187	585	1,497
Re-visits - under 1 year	1,064	1,512	981	1,755	5,312
Re-visits - over 1 year	875	937	2,379	4,012	8,203
Infectious Disease (Non-T.B.)	299	49	61	28	437
Protected Infants	3	21	6	19	49
Pediculosis and Scabies Visits	1	0	0	0	1
Confinement Visits	0	91	0	0	91
Infantile Mortality Visits	16	31	8	27	82
Nursing Home Visits	0	0	0	0	0
Other Home Visits (Housing Investigations, etc.)	7	0	0	1	8
TOTAL :	2,867	2,822	3,754	6,596	16,039

3. MILK DISTRIBUTED.

	European	Native	Coloured	Asiatic	Total
Fresh - Pints	3,716	8,344	6,334	11,404	29,798
Dried - lbs.	0	12	62	96	170

FOODSTUFFS.

SAMPLES TAKEN AND SUBMITTED FOR ANALYSIS.

1. MILK.

(a) Bacteriological Examination.

Samples with less than 30,000 bacteria per c.c.	:	12 (inc. 2 Pasteurised)
Samples with between 30,000 and 200,000 bacteria per c.c.	:	16
Samples with more than 200,000 bacteria per c.c.	:	42 (inc. 1 Pastuerised)
TOTAL	:	70 (inc. 3 Pasteurised)
Samples with B. Coli present in 1/100 c.c. or less	:	37 (inc. 1 Pasteurised)
Samples with B. Coli present in 1/10 but not in 1/100 c.c.	:	16
Samples with B. Coli absent in 1/10 c.c. or more	:	17 (inc. 2 Pasteurised)
TOTAL	:	70

(b) Chemical Examination (By Government Analyst).

Samples with Solids-Not-Fat 8.5% and over	:	8
Samples with Solids-Not-Fat over 8% & under 8.5%	:	4
Samples with Solids-Not-Fat below 8%	:	3
TOTAL	:	15
Samples with Butter Fat 3% and over	:	15
Samples with Butter Fat under 3%	:	0
TOTAL	:	15

(c) Phosphatase Testing of Pasteurised Milk.

Samples sufficiently heat treated	:	16
Samples not sufficiently heat treated	:	0
TOTAL	:	16

2. ICE CREAM.

Samples of Ice Cream conforming to standard	:	1
Samples of Ice Cream not conforming to standard	:	0
TOTAL	:	1

3. SAUSAGE.

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

4. MINCE MEAT.

Samples of Mince Meat conforming to standard	:	14
Samples of Mince Meat not conforming to standard	:	0
TOTAL	:	14

5. CREAM. ...../

FOODSTUFFS. Cont'd.

5. CREAM.

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

6. ORANGES.

Total number of samples : 1

(Contained 9.7 p.p.m. Copper;
Copper per orange 0.0344 grain)

7. WATERS. (Bacteriological examination by Bio-Chemist - City Engineer's Department.

(Results recorded in accordance with method laid down by Ministry of Health, Publication No. 71, 1939)

MUNICIPAL WATER SUPPLY.

Probable No. of Organisms in 100 c.c.	No. of Samples
0	246
1	9
2	1
3	16
5	3
6	2
9	1
16	1
TOTAL :	279

MUNICIPAL SWIMMING BATHS.

Probable No. of Organisms in 100 c.c.	No. of Samples.
0	21
6	1
TOTAL :	22

OTHER SWIMMING BATHS.

Probable No. of Organisms in 100 c.c.	No. of Samples.
0	4

OTHER SAMPLES TAKEN.

Probable No. of Organisms in 100 c.c.	No. of Samples.
0	38
1	2
2	1
3	4
6	3
9	1
16	3
18	17
TOTAL :	69

FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION.

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

Beans - Green	30 pockets, 106 boxes.
Cake	1 tin.
Cake Icing	54 bottles.
Cream	1 tin.
Crystallised fruit	57 pkts.
Cheese and Sphagetti	10 tins.
Cabbages	3 bags.
Cucumbers	17 boxes.
Dinner, boiled	1 tin.
Dessert Powder	18 pkts.
French Delicacies	1 jar.
Fowls, live	5
Fowls, dressed	18
Fish Paste	40 jars, 6 tins.
Fish, tinned	232 tins.
Fish (fresh)	555 lbs.
Fruit (tinned)	137 tins.
Fruit (dried)	7 lbs.
Gravies	3 pkts., 2 tins.
Guinea Fowls	4
Grenadilla Syrup	3 bottles.
Grapes	6 trays, 2 half-lugs.
Honey	1 bottle.
Ham	12 lbs.
Instant Postum	1 tin.
Jam	236 tins.
Lemonade Powder	66 pkts.
Lemons	6 pockets.
Marmite	3 jars.
Mayonnaise	2 bottles.
Medicines	2 bottles.
Milk, condensed	134 tins.
Macaroni	3 pkts.
Mabela	1 tin.
Mealie Meal	63 lbs.
Maltabella	9 tins.
Meat (Potted)	1 tin, 10 jars.
Meat (tinned)	60 tins.
Meat (fresh)	30 lbs. beef, 367 lbs. pigs kidneys, 233 lbs. pigs liver, 18 lbs. beef sausage, 18 lbs. vienna sausage.
Mince Meat	32 tins, 38 bottles.
Nuttamalt	127 pkts.
Oats	47 pkts.
Pawpaws	10 trays.
Pears	2 trays.
Peaches	1 tray.
Potatoes	81 bags, 10 pockets.
Peaflour	1 tin.
Pickles	23 bottles.
Pea Nut Butter	37 bottles.
Pumpkins	2.
Pancake mix	9 pkts.
Puddings	29 pkts.
Rabbits	2
Syrup	5 tins.
Scone mixture	12 pkts.
Sponge mixture	1 pkt.
Sandwich spread	2 jars.

Tomatoes ...../

FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION. Cont'd.

Tomatoes	32 trays.
Unlabelled Packages	14 tins.
Vegetables, (canned inc. soups)	75 tins.
Vitalox	39 bottles.
Wheat	7 pkts.
Weetbix	1 pkt.
Wheat Grains	2 pkts.
Yeast	8 pkts.

ABATTOIR.

1. ANIMALS SLAUGHTERED:

Cattle	:	10,740
Calves	:	2,428
Sheep	:	25,766
Pigs	:	4,148
Goats	:	537
TOTAL	:	43,619

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS:

Quarters of Beef	:	9,677
Carcases Mutton	:	1,098
Carcases Pork	:	-
Carcases Veal	:	-
Carcases Goat	:	-

3. INCIDENCE OF CERTAIN DISEASES:

	Carcases Examined	% Infected	Carcases Condemned	% Condemned
CATTLE - "Measles" (Cysticercus Bovis)	10,740	8.69%	101	0.94%
CALVES - "Measles" (Cysticercus Bovis)	2,428	5.02%	33	1.35%
PIGS - "Measles" (Cysticercus Cellulosae)	4,148	3.18%	108	2.60%
CATTLE - Tuberculosis	10,740	0.36%	16	0.15%
CALVES - Tuberculosis	2,428	-	-	-
PIGS - Tuberculosis	4,148	2.48%	3	0.07%

4. SUMMARY OF MEAT CONDEMNED.

	Carcases	Approx. Weight
BEEF.	188	87,790 lbs.
BEEF: Portions of Carcases, Organs, etc.	-	116,212 lbs.
VEAL:	99	4,306 lbs.
VEAL: Portions of Carcases, Organs, etc.	-	600 lbs.
PORK:	133	16,005 lbs.
PORK: Organs, etc.	-	5,003 lbs.
MUTTON:	68	1,535 lbs.
MUTTON: Organs, etc.	-	37,377 lbs.
GOAT:	1	20 lbs.
GOAT: Organs, etc.	-	60 lbs.
		268,908 lbs.

ABATTOIR. Cont'd.

MEAT CONDEMNED (Approximate Weight).

Statement of Carcases and Meat found to be affected with disease and unfit for human consumption : 1.7.51 - 30.6.52.

	BOVINES			PIGS			SHEEP AND GOATS		
		Condemned			Condemned			Condemned	
	Carcases Infected	Whole Carcases	Portions of Carcases Approx. Weight lbs.	Carcases Infected	Whole Carcases	Portions of Carcases Approx. Weight lbs.	Carcases Infected	Whole Carcases	Portions of Carcases Approx. Weight lbs.
tinomycosis	75	-	2,915	-	-	-	-	-	-
thrax	-	-	-	-	-	-	-	-	-
asles (Veal)	122	33	450	-	-	-	-	-	-
asles (Beef)	934	101	83,300	132	108	125	-	-	-
mpy Skin Disease (Beef)	-	-	-	-	-	-	-	-	-
mpy Skin Disease (Veal)	-	-	-	-	-	-	-	-	-
mphadenitis	-	-	-	-	-	-	5	5	-
lignant Tumours	15	15	-	-	-	-	-	-	-
ritis	2	2	-	-	-	-	-	-	-
tritis	2	2	-	-	-	-	-	-	-
ricarditis	-	-	-	-	-	-	-	-	-
eumonia - Veal	5	5	-	-	-	-	-	-	-
eumonia - Beef	5	5	-	2	2	-	-	-	-
aemia - Veal	14	14	-	-	-	-	-	-	-
aemia - Beef	3	3	-	1	1	-	-	-	-
ercocysts	1	1	-	4	4	-	-	-	-
enticaemia	-	-	-	5	5	-	-	-	-
enticaemia - Veal	-	-	-	-	-	-	-	-	-
uberculosis	39	16	1,010	103	3	1,276	-	-	-
ephritis - Veal	-	-	-	-	-	-	-	-	-
ephritis - Beef	-	-	-	-	-	-	-	-	-
naemia	2	2	-	-	-	-	-	-	-
ruising - Veal	1	1	-	-	-	-	-	-	-
ruising	20	20	7,995	3	3	-	-	-	-
ecomposition	-	-	727	-	-	-	-	-	-
edema - Veal	3	3	-	-	-	-	-	-	-
edema - Beef	-	-	-	-	-	-	-	-	-
evered - Veal	-	-	-	-	-	-	-	-	-
evered - Beef	1	1	-	1	1	-	4	4	-
oxaemia	1	1	-	1	1	-	-	-	-
oxaemia - Veal	1	1	-	-	-	-	-	-	-
aciation - Veal	21	21	-	-	-	-	15	(15 Emaciation	
aciation - Beef	15	15	-	3	3	-	44	(44 Emaciation & Oedema	
maturity - Veal	10	10	-	-	-	-	-	-	-
aundice - Veal	11	11	-	-	-	-	-	-	-
aundice - Beef	1	1	-	-	-	-	1	1	-
tilesia Hepatica, luke, Abscesses, odular Worms, etc.)	-	-	-	-	-	-	-	-	-
- Beef	-	-	20,120	-	-	3,600	-	-	37,437
- Veal	-	-	150	-	-	-	-	-	-
nchocerco	1	1	-	-	-	-	-	-	-
eritonitis	2	2	-	-	-	-	-	-	-
ticaria	-	-	-	1	1	-	-	-	-
ange	-	-	-	1	1	-	-	-	-

LICENCE APPLICATIONS.

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

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Applications Received	6	123	18	36	6	39	165	35	75	169	202	50	4	2	1
Applications Approved	3	115	16	32	2	39	156	34	74	158	200	47	3	2	1
Applications Subject to Requirements	2	7	2	3	3	-	6	-	1	7	1	3	1	-	-
Applications Withdrawn	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Applications Refused	-	1	-	1	1	-	3	1	-	4	1	-	-	-	-

Key to Table:-

1. Apothecary.
2. Boarding Houses and Butchers.
3. Cobbler.
4. Depot and Dressmaker.
5. Entertainment.
6. Fresh Produce Dealer.
7. General Dealer and Garages.
8. Hairdresser and Hawker.
9. Laundries and Letting of Flats.
10. Manufacturers and Mineral Water Dealer and Milk Purveyor.
11. Pedlar.
12. Refreshment Room.
13. Speculator.
14. Theatres, Tailors.
15. Undertaker.

(2) Applications dealt with under Urban Areas Act.

Applications Received	54
Applications Returned "Not in Order"	1
Applications Approved Subject to Conditions .	2
Applications Approved for Temporary Licence .	51

SANITATION.

Total of Inspections (General) carried out	14,303
Total of Rodent Inspections	1,630
Total of Notices and Letters served re Contravention of By-Laws	2,486

INSPECTIONS (GENERAL) GIVEN IN DETAIL 1.7.51 to 30.6.52.

1. Public Markets	319
2. Butchers' Shops	155
3. Dealers and General Dealers (Food)	444
4. Dealers and General Dealers (No Food)	160
5. Fish and Poultry Shops	25
6. Food Sampling	50
7. Bakehouses	46
8. Milkshops (Purveyors of Milk)	156
9. Ice Cream (Distributors and Manufacturers of)	Not recorded separately this year - included under 3, 28, 38 and 61.
10. Tea Shops, Cafes, Restaurants and Eating Houses	393
11. Residential Hotels, Boarding Houses	181
12. Aerated Water Manufacturers	2
13. Other places where food is manufactured	1
14. Hawker's Premises	190
15. Hawker's Carts	77
16. Butchers' Carts and Carriers	6
17. Milk Delivery Carts	75
18. Bakers' Carts	1
19. Ice Cream Carts	Not recorded separately this year - included under 17.
20. Theatres and Bioscopes	5
21. Common Lodging Houses	3
22. Barracks	179
23. Structural Defects in Premises	792
24. Other House Inspections	1,664
25. Undrained Premises	47
26. Hairdressers	23
27. Laundries	126
C/Forward	5,120

SANITATION. Cont'd.

B/Forward	5,120
28. Factories and Workshops	193
29. Courts, Lanes and Alleys	8
30. Vacant Ground	174
31. Piggeries	4
32. Horse Stables	107
33. Cowkeepers Premises	66
34. Dairy Stables and Dairies	1,032
35. Hide and Skin Merchant's Premises	17
36. Poultry Keepers	218
37. Infectious Diseases Visits	102
38. Malaria and Mosquito Inspections, etc.)	991
39. Malaria Permanent Works)	
40. Public Sanitary Conveniences	316
41. Refuse and Refuse Bins	344
42. Refuse Tips	61
43. Septic Tanks, French Drains, etc.	72
44. Pail Privies	139
45. Pit Privies	36
46. Other Visits	1,228
47. Premises Fumigated for Vermin)	
48. Other Visits in Connection with Fumigation)	24
49. Disinfections	1
50. Disinfection of Bedding and Clothing	-
51. Rodent Inspections by Rodent Inspector	1,562
52. Other Rodent Inspections by Health Inspectors	68
	11,883

REPORTS FOR TRANSMISSION TO OTHER MUNICIPAL DEPARTMENTS.

(1) CITY ENGINEER'S DEPARTMENT.

53. Blocked Sewers, etc.	40	
54. Street Drains	93	
55. Defective Water Fittings	18	
56. Other Defects	19	
57. Unauthorised Structures	102	
58. Sites, etc. re Plans	597	
59. Water Sampling	447	1,316
C/Forward		13,199

SANITATION. Cont'd.

B/Forward	13,199
(2) MUNICIPAL NATIVE ADMINISTRATION DEPARTMENT.	
60. Licensing and Other Inspections of Premises under Urban Areas Act	145
(3) LICENSING DEPARTMENT.	
61. Inspection of Premises re Licence Applications	679
(4) GENERAL.	
62. Other transportation trips	280
TOTAL :	14,303

PROSECUTIONS : 1951 - 1952.

Total number of Prosecutions instituted : 32

Under Public Health Act	1
Under Public Health By-Laws	7
Under Dairy By-Laws	14
Under House Drainage By-Laws	1
Under Regulations relating to Preparation, Storage and Sale of Foodstuffs	3
Under Food, Drugs and Disinfectants Act	3
Under Government Regulations Regarding the Prevention of Rodent Infestation, etc.	2
Under V.D. Hospital Regulations	1
TOTAL :	32

Total number in which accused found guilty and penalty imposed ...	26
Total number found not guilty, complied with, acquitted or Prosecutor declined to Prosecute ...	6
No. still pending	0
TOTAL :	32

CONDEMNED PREMISES.

Rooms and Buildings Condemned and/or Demolished.

(a) Under Public Health By-Law No. 19(a) : (Closing Order)	0
(b) Under Public Health By-Law No. 19(b) : (Demolition Orders) ..... (6 Of these premises had been demolished and 1 converted to an open shed by 30. 6. 52.)	8
(c) Under Slums Act	0
(d) Voluntary Demolitions	25
TOTAL :	33