

Report of the Medical Officer of Health on the public health and sanitary circumstances of the city and borough of Pietermaritzburg.

Contributors

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CITY OF PIETERMARITZBURG

ANNUAL REPORT

OF THE

Medical Officer
of Health

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



22502932315

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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...
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BY

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

WILSON
LIBRARY
†
Ann Rep
WA 28
HU 5
P 62
1951/52

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.

THE
COUNCIL OF THE
CITY OF LONDON

The Council of the City of London
has the honor to acknowledge the receipt of
the letter of the Council of the City of London
dated the 10th day of January 1900.

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1. Name of the person or organization
2. Address
3. City
4. State
5. Zip
6. Telephone
7. Fax

(2) PERSONAL INFORMATION

8. Date of birth
9. Sex
10. Marital status
11. Education
12. Occupation
13. Present address
14. Previous addresses

(3) EDUCATION

15. School name
16. Location
17. Dates
18. Degree
19. Major
20. Minor

(4) EMPLOYMENT

21. Employer name
22. Location
23. Dates
24. Position
25. Duties

(5) REFERENCES

26. Name
27. Address
28. City
29. State
30. Zip
31. Telephone
32. Fax

(6) ADDITIONAL INFORMATION

33. Other references
34. Other addresses
35. Other cities
36. Other states
37. Other zip codes
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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 :

	<u>RAINFALL IN INCHES.</u>	<u>ATMOSPHERIC TEMPERATURE</u>			<u>RELATIVE HUMIDITY Average Daily Percentage</u>
		<u>Av. Daily Maximum</u> °	<u>Av. Daily Minimum</u> °	<u>Av. Daily Mean.</u> °	
<u>1951.</u>					
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%
<u>1952.</u>					
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. Od.

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

RATES: General - Land - 4¹/₂d in £
 Buildings - 3¹/₂d in £

Water - 1¹/₂d per £

REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

For the year ending 31st March 1900, the Commission has the honor to report that the following is a summary of the work done during the year.

Summary of the work done during the year

No. of the Survey	Area of the Survey			Total Area	Remarks
	Acres	Sq. Rds.	Sq. Yds.		
1001	100	2	0	100	
1002	100	2	0	100	
1003	100	2	0	100	
1004	100	2	0	100	
1005	100	2	0	100	
1006	100	2	0	100	
1007	100	2	0	100	
1008	100	2	0	100	
1009	100	2	0	100	
1010	100	2	0	100	
1011	100	2	0	100	
1012	100	2	0	100	
1013	100	2	0	100	
1014	100	2	0	100	
1015	100	2	0	100	
1016	100	2	0	100	
1017	100	2	0	100	
1018	100	2	0	100	
1019	100	2	0	100	
1020	100	2	0	100	
1021	100	2	0	100	
1022	100	2	0	100	
1023	100	2	0	100	
1024	100	2	0	100	
1025	100	2	0	100	
1026	100	2	0	100	
1027	100	2	0	100	
1028	100	2	0	100	
1029	100	2	0	100	
1030	100	2	0	100	
1031	100	2	0	100	
1032	100	2	0	100	
1033	100	2	0	100	
1034	100	2	0	100	
1035	100	2	0	100	
1036	100	2	0	100	
1037	100	2	0	100	
1038	100	2	0	100	
1039	100	2	0	100	
1040	100	2	0	100	
1041	100	2	0	100	
1042	100	2	0	100	
1043	100	2	0	100	
1044	100	2	0	100	
1045	100	2	0	100	
1046	100	2	0	100	
1047	100	2	0	100	
1048	100	2	0	100	
1049	100	2	0	100	
1050	100	2	0	100	
1051	100	2	0	100	
1052	100	2	0	100	
1053	100	2	0	100	
1054	100	2	0	100	
1055	100	2	0	100	
1056	100	2	0	100	
1057	100	2	0	100	
1058	100	2	0	100	
1059	100	2	0	100	
1060	100	2	0	100	
1061	100	2	0	100	
1062	100	2	0	100	
1063	100	2	0	100	
1064	100	2	0	100	
1065	100	2	0	100	
1066	100	2	0	100	
1067	100	2	0	100	
1068	100	2	0	100	
1069	100	2	0	100	
1070	100	2	0	100	
1071	100	2	0	100	
1072	100	2	0	100	
1073	100	2	0	100	
1074	100	2	0	100	
1075	100	2	0	100	
1076	100	2	0	100	
1077	100	2	0	100	
1078	100	2	0	100	
1079	100	2	0	100	
1080	100	2	0	100	
1081	100	2	0	100	
1082	100	2	0	100	
1083	100	2	0	100	
1084	100	2	0	100	
1085	100	2	0	100	
1086	100	2	0	100	
1087	100	2	0	100	
1088	100	2	0	100	
1089	100	2	0	100	
1090	100	2	0	100	
1091	100	2	0	100	
1092	100	2	0	100	
1093	100	2	0	100	
1094	100	2	0	100	
1095	100	2	0	100	
1096	100	2	0	100	
1097	100	2	0	100	
1098	100	2	0	100	
1099	100	2	0	100	
1100	100	2	0	100	

At the close of the year 1900, the Commission has the honor to report that the following is a summary of the work done during the year.

Value of the land surveyed during the year 1900, £ 100,000.

Value of the land surveyed during the year 1901, £ 100,000.

Value of the land surveyed during the year 1902, £ 100,000.

Value of the land surveyed during the year 1903, £ 100,000.

Value of the land surveyed during the year 1904, £ 100,000.

Value of the land surveyed during the year 1905, £ 100,000.

Value of the land surveyed during the year 1906, £ 100,000.

Value of the land surveyed during the year 1907, £ 100,000.

Value of the land surveyed during the year 1908, £ 100,000.

Value of the land surveyed during the year 1909, £ 100,000.

Value of the land surveyed during the year 1910, £ 100,000.

CITY OF PIETERMARITZBURG.LEADING VITAL STATISTICS.YEAR ENDING 30th JUNE, 1952.

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

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

TABLE 1
 SUMMARY OF DATA
 FOR THE YEAR 1951-1952

For the year 1951-1952, the following data were obtained:

Item	Quantity	Value	Percentage	Remarks
1. Total production	10,000	10,000	100%	
2. Total consumption	8,000	8,000	80%	
3. Total stockpile	2,000	2,000	20%	
4. Total imports	1,000	1,000	10%	
5. Total exports	1,000	1,000	10%	
6. Total net change	0	0	0%	
7. Total production per unit	100	100	100%	
8. Total consumption per unit	80	80	80%	
9. Total stockpile per unit	20	20	20%	
10. Total imports per unit	10	10	10%	
11. Total exports per unit	10	10	10%	
12. Total net change per unit	0	0	0%	
13. Total production per unit	100	100	100%	
14. Total consumption per unit	80	80	80%	
15. Total stockpile per unit	20	20	20%	
16. Total imports per unit	10	10	10%	
17. Total exports per unit	10	10	10%	
18. Total net change per unit	0	0	0%	
19. Total production per unit	100	100	100%	
20. Total consumption per unit	80	80	80%	
21. Total stockpile per unit	20	20	20%	
22. Total imports per unit	10	10	10%	
23. Total exports per unit	10	10	10%	
24. Total net change per unit	0	0	0%	
25. Total production per unit	100	100	100%	
26. Total consumption per unit	80	80	80%	
27. Total stockpile per unit	20	20	20%	
28. Total imports per unit	10	10	10%	
29. Total exports per unit	10	10	10%	
30. Total net change per unit	0	0	0%	

(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.

(2) NEW YORK

TUBERCULOSIS

This is an estimate of the population as of June 30, 1967, calculated for vital statistical purposes. Temporary residents, the inmates of the Federal Hospital and State Hospital, and the residents in the State and the patients in the hospitals and the inmates are excluded. This estimate is based on the Government Census of May 1967.

	Foreign-born	Native	Coloured	Latino	All Non-Whites	All Whites
1967	17,700	17,300	1,500	0,000	19,200	18,600
1966	17,500	17,100	1,400	0,000	18,900	18,400
1965	17,300	16,900	1,300	0,000	18,600	18,200

TUBERCULOSIS RATES

(3) SUMMARY

Year	Foreign-born		Native		Total	
	1900	1910	1900	1910	1900	1910
1900	1,000	1,000	1,000	1,000	2,000	2,000
1910	1,000	1,000	1,000	1,000	2,000	2,000
1920	1,000	1,000	1,000	1,000	2,000	2,000
1930	1,000	1,000	1,000	1,000	2,000	2,000
1940	1,000	1,000	1,000	1,000	2,000	2,000
1950	1,000	1,000	1,000	1,000	2,000	2,000
1960	1,000	1,000	1,000	1,000	2,000	2,000
1970	1,000	1,000	1,000	1,000	2,000	2,000
1980	1,000	1,000	1,000	1,000	2,000	2,000
1990	1,000	1,000	1,000	1,000	2,000	2,000
2000	1,000	1,000	1,000	1,000	2,000	2,000
2010	1,000	1,000	1,000	1,000	2,000	2,000
2020	1,000	1,000	1,000	1,000	2,000	2,000

DEATHS.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 (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	0.005	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	0.23	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

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 :

(1) Estimated Costs

Summary of Costs by State

(Estimated costs are shown in thousands of dollars)

TABLE 1

State	Estimated	Actual	Collected	Anticipated
Alabama	1,000	1,000	0	0
Alaska	0	0	0	0
Arizona	1,000	1,000	0	0
Arkansas	1,000	1,000	0	0
California	1,000	1,000	0	0
Colorado	1,000	1,000	0	0
Connecticut	1,000	1,000	0	0
Delaware	1,000	1,000	0	0
District of Columbia	1,000	1,000	0	0
Florida	1,000	1,000	0	0
Georgia	1,000	1,000	0	0
Hawaii	1,000	1,000	0	0
Idaho	1,000	1,000	0	0
Illinois	1,000	1,000	0	0
Indiana	1,000	1,000	0	0
Iowa	1,000	1,000	0	0
Kansas	1,000	1,000	0	0
Kentucky	1,000	1,000	0	0
Louisiana	1,000	1,000	0	0
Maine	1,000	1,000	0	0
Maryland	1,000	1,000	0	0
Massachusetts	1,000	1,000	0	0
Michigan	1,000	1,000	0	0
Minnesota	1,000	1,000	0	0
Mississippi	1,000	1,000	0	0
Missouri	1,000	1,000	0	0
Montana	1,000	1,000	0	0
Nebraska	1,000	1,000	0	0
Nevada	1,000	1,000	0	0
New Hampshire	1,000	1,000	0	0
New Jersey	1,000	1,000	0	0
New Mexico	1,000	1,000	0	0
New York	1,000	1,000	0	0
North Carolina	1,000	1,000	0	0
North Dakota	1,000	1,000	0	0
Ohio	1,000	1,000	0	0
Oklahoma	1,000	1,000	0	0
Oregon	1,000	1,000	0	0
Pennsylvania	1,000	1,000	0	0
Rhode Island	1,000	1,000	0	0
South Carolina	1,000	1,000	0	0
South Dakota	1,000	1,000	0	0
Tennessee	1,000	1,000	0	0
Texas	1,000	1,000	0	0
Vermont	1,000	1,000	0	0
Virginia	1,000	1,000	0	0
Washington	1,000	1,000	0	0
West Virginia	1,000	1,000	0	0
Wisconsin	1,000	1,000	0	0
Wyoming	1,000	1,000	0	0

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 ^o (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 "Niphteritic Otitis".

o " 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. /

SECTION 1

There are 100 members of the Council of the City of New York, and the Council is composed of 100 members, 50 of whom are elected by the City Council and 50 of whom are appointed by the Mayor.

SECTION 2

The Council of the City of New York is composed of 100 members, 50 of whom are elected by the City Council and 50 of whom are appointed by the Mayor. The Council is organized into 10 committees, each of which is headed by a member of the Council.

The Council of the City of New York is organized into 10 committees, each of which is headed by a member of the Council. The Council is also organized into 10 subcommittees, each of which is headed by a member of the Council.

SECTION 3

The Council of the City of New York is organized into 10 committees, each of which is headed by a member of the Council. The Council is also organized into 10 subcommittees, each of which is headed by a member of the Council.

SECTION 4

The Council of the City of New York is organized into 10 committees, each of which is headed by a member of the Council. The Council is also organized into 10 subcommittees, each of which is headed by a member of the Council.

SECTION 5

The Council of the City of New York is organized into 10 committees, each of which is headed by a member of the Council. The Council is also organized into 10 subcommittees, each of which is headed by a member of the Council.

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 Urine 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 :-

<u>Immunised</u>	<u>Non-Immunised.</u>
Total cases : 1 (Coloured)	Total cases : 6 (3 Eur., 3 Non-Eur.)
Deaths : Nil.	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				COLOURED				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 Partum 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/

10 Cases were notified as occurred with 15 cases last year. The cases continued to be mild. The use of Penicillin in the treatment of gonorrhea was reported up to 100 cases in 1940. The use of Penicillin in the treatment of gonorrhea was reported up to 100 cases in 1940. The use of Penicillin in the treatment of gonorrhea was reported up to 100 cases in 1940.

10-11-41

10 Cases were notified during the year, as compared with 4 cases in the previous year.

10-11-41

10 Cases were notified this year, 8 foreign and 2 American. The cases were mild. The use of Penicillin in the treatment of gonorrhea was reported up to 100 cases in 1940. The use of Penicillin in the treatment of gonorrhea was reported up to 100 cases in 1940.

10-11-41

10 Cases were notified, 10 American and 2 foreign, as compared with 10 cases in the previous year.

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(3) TUBERCULOSIS Cont'd.

admitted to the Wentworth Tuberculosis Hospital, Durban, 1 Euroeean 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.
Paisethorpe (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
<u>Positive X-Rays</u>				
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%)
<u>Other Chest Conditions Discovered.</u>				
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
<u>Positive X-Rays</u>				
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 tuberculous 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).

Year	1950	1951	1952	1953	1954
Production (tons)	1,200	1,300	1,400	1,500	1,600
Consumption (tons)	1,100	1,200	1,300	1,400	1,500
Stocks (tons)	100	100	100	100	100

The following table shows the results of the three-year survey conducted in the following manner:

Year	1950	1951	1952	1953	1954
Production (tons)	1,200	1,300	1,400	1,500	1,600
Consumption (tons)	1,100	1,200	1,300	1,400	1,500
Stocks (tons)	100	100	100	100	100

There is no doubt of the value of these surveys in determining the needs of the country and in planning the production and consumption of the various commodities. The results of the surveys are being used by the Government for the purpose of planning the production and consumption of the various commodities.

There is also no doubt that the surveys have been of great value in determining the needs of the country and in planning the production and consumption of the various commodities. The results of the surveys are being used by the Government for the purpose of planning the production and consumption of the various commodities.

APPENDIX I (Page 40)

The following table shows the results of the three-year survey conducted in the following manner:

Year	1950	1951	1952	1953	1954
Production (tons)	1,200	1,300	1,400	1,500	1,600
Consumption (tons)	1,100	1,200	1,300	1,400	1,500
Stocks (tons)	100	100	100	100	100

The following table shows the results of the three-year survey conducted in the following manner:

Year	1950	1951	1952	1953	1954
Production (tons)	1,200	1,300	1,400	1,500	1,600
Consumption (tons)	1,100	1,200	1,300	1,400	1,500
Stocks (tons)	100	100	100	100	100

(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)/

1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	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(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) Cured 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/

DATE				NAME				ADDRESS				CITY			
DAY	MONTH	YEAR	TIME	NO.	ST.	RD.	APT.	NO.	ST.	RD.	APT.	NO.	ST.	RD.	APT.
1	1	1900	10:00	1	1	1	1	1	1	1	1	1	1	1	1
2	2	1901	11:00	2	2	2	2	2	2	2	2	2	2	2	2
3	3	1902	12:00	3	3	3	3	3	3	3	3	3	3	3	3
4	4	1903	1:00	4	4	4	4	4	4	4	4	4	4	4	4
5	5	1904	2:00	5	5	5	5	5	5	5	5	5	5	5	5
6	6	1905	3:00	6	6	6	6	6	6	6	6	6	6	6	6
7	7	1906	4:00	7	7	7	7	7	7	7	7	7	7	7	7
8	8	1907	5:00	8	8	8	8	8	8	8	8	8	8	8	8
9	9	1908	6:00	9	9	9	9	9	9	9	9	9	9	9	9
10	10	1909	7:00	10	10	10	10	10	10	10	10	10	10	10	10
11	11	1910	8:00	11	11	11	11	11	11	11	11	11	11	11	11
12	12	1911	9:00	12	12	12	12	12	12	12	12	12	12	12	12
13	1	1912	10:00	13	1	1	1	13	1	1	1	13	1	1	1
14	2	1913	11:00	14	2	2	2	14	2	2	2	14	2	2	2
15	3	1914	12:00	15	3	3	3	15	3	3	3	15	3	3	3
16	4	1915	1:00	16	4	4	4	16	4	4	4	16	4	4	4
17	5	1916	2:00	17	5	5	5	17	5	5	5	17	5	5	5
18	6	1917	3:00	18	6	6	6	18	6	6	6	18	6	6	6
19	7	1918	4:00	19	7	7	7	19	7	7	7	19	7	7	7
20	8	1919	5:00	20	8	8	8	20	8	8	8	20	8	8	8
21	9	1920	6:00	21	9	9	9	21	9	9	9	21	9	9	9
22	10	1921	7:00	22	10	10	10	22	10	10	10	22	10	10	10
23	11	1922	8:00	23	11	11	11	23	11	11	11	23	11	11	11
24	12	1923	9:00	24	12	12	12	24	12	12	12	24	12	12	12
25	1	1924	10:00	25	1	1	1	25	1	1	1	25	1	1	1
26	2	1925	11:00	26	2	2	2	26	2	2	2	26	2	2	2
27	3	1926	12:00	27	3	3	3	27	3	3	3	27	3	3	3
28	4	1927	1:00	28	4	4	4	28	4	4	4	28	4	4	4
29	5	1928	2:00	29	5	5	5	29	5	5	5	29	5	5	5
30	6	1929	3:00	30	6	6	6	30	6	6	6	30	6	6	6
31	7	1930	4:00	31	7	7	7	31	7	7	7	31	7	7	7

1 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 $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$ 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
Cassing operations by Rodent Inspector :	25.	Rodents killed	59
		Total	<u>1303</u>

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 landgassed : 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.

(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 Alumina-ferrie, 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/

Further reports were received on the 10th and 11th inst. from the various districts. The reports from the districts of the 10th inst. were as follows:—

The reports from the districts of the 11th inst. were as follows:—

The reports from the districts of the 12th inst. were as follows:—

The reports from the districts of the 13th inst. were as follows:—

The reports from the districts of the 14th inst. were as follows:—

The reports from the districts of the 15th inst. were as follows:—

The reports from the districts of the 16th inst. were as follows:—

The reports from the districts of the 17th inst. were as follows:—

The reports from the districts of the 18th inst. were as follows:—

The reports from the districts of the 19th inst. were as follows:—

The reports from the districts of the 20th inst. were as follows:—

The reports from the districts of the 21st inst. were as follows:—

The reports from the districts of the 22nd inst. were as follows:—

The reports from the districts of the 23rd inst. were as follows:—

The reports from the districts of the 24th inst. were as follows:—

The reports from the districts of the 25th inst. were as follows:—

The reports from the districts of the 26th inst. were as follows:—

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 carcasses 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 carcasses infected with "Measles" during the past 7 years :-

	CATTLE			CALVES			PIGS		
	Slaught- tered	% In- fected	% Con- demned	Slaught- tered	% In- fected	% Con- demned	Slaught- tered	% In- fected	% Con- demned
-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/

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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.

	<u>European</u>	<u>Coloured</u>
No. of Tests	6	-
No. Negative	4	-
No. Positive	2	-
No. Doubtful	-	-
No. not read	-	-

Post-inoculation Schick Tests.

	<u>European</u>	<u>Coloured</u>
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 :-

	<u>European</u>	<u>Native</u>	<u>Coloured</u>	<u>Asiatic</u>
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 Paisethorpe. 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/

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
RECEIVED

TO THE DIRECTOR OF THE UNIVERSITY OF CHICAGO
FROM THE DIRECTOR OF THE UNIVERSITY OF CHICAGO
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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's 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:

Europeans	: 592
Natives	: 2,505
Coloureds	: 327
Asiatics	: 657
TOTAL	: 4,081

District Midwifery Visits:

Europeans	: 670
Coloureds	: 1,373
Asiatics	: 7,288
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 midwife'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 detailed 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:

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

Other Reasons for Rejection:/

The following table shows the results of the survey conducted in the year 1900.

The results of the survey are as follows: The number of persons who were employed in the year 1900 was 1,200. The number of persons who were unemployed was 800. The total number of persons was 2,000. The number of persons who were employed in the year 1901 was 1,300. The number of persons who were unemployed was 700. The total number of persons was 2,000.

The following table shows the results of the survey conducted in the year 1901.

Year 1901		Year 1900	
Employed	1,300	Employed	1,200
Unemployed	700	Unemployed	800
Total	2,000	Total	2,000

The following table shows the results of the survey conducted in the year 1902.

The results of the survey are as follows: The number of persons who were employed in the year 1902 was 1,400. The number of persons who were unemployed was 600. The total number of persons was 2,000. The number of persons who were employed in the year 1903 was 1,500. The number of persons who were unemployed was 500. The total number of persons was 2,000.

The following table shows the results of the survey conducted in the year 1903.

The results of the survey are as follows: The number of persons who were employed in the year 1903 was 1,600. The number of persons who were unemployed was 400. The total number of persons was 2,000. The number of persons who were employed in the year 1904 was 1,700. The number of persons who were unemployed was 300. The total number of persons was 2,000.

Year 1904		Year 1903	
Employed	1,700	Employed	1,600
Unemployed	300	Unemployed	400
Total	2,000	Total	2,000

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.
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Health Inspectors/

Project Name: [illegible]
Project Number: [illegible]
Project Manager: [illegible]

The purpose of this study is to determine the effectiveness of the proposed system in reducing the number of errors in the data entry process. The study will be conducted over a period of six months, starting from the beginning of the project and ending at the end of the project. The study will be conducted in a controlled environment, where the number of errors will be recorded and compared to the number of errors in the current system. The study will be conducted in a controlled environment, where the number of errors will be recorded and compared to the number of errors in the current system.

2. Objectives of the Study

The objectives of the study are to determine the effectiveness of the proposed system in reducing the number of errors in the data entry process. The study will be conducted over a period of six months, starting from the beginning of the project and ending at the end of the project. The study will be conducted in a controlled environment, where the number of errors will be recorded and compared to the number of errors in the current system. The study will be conducted in a controlled environment, where the number of errors will be recorded and compared to the number of errors in the current system.

Table 1: Summary of the study objectives and the number of errors recorded in the current system and the proposed system.

3. Methodology

The methodology of the study is to determine the effectiveness of the proposed system in reducing the number of errors in the data entry process.

4. Results

The results of the study are as follows:

4.1. Summary of the results

Current System	Proposed System
Number of errors	Number of errors
100	50
200	100
300	150
400	200
500	250
600	300
700	350
800	400
900	450
1000	500

5. Conclusion

5.1. Summary of the conclusion

The conclusion of the study is that the proposed system is effective in reducing the number of errors in the data entry process. The study was conducted over a period of six months, starting from the beginning of the project and ending at the end of the project. The study was conducted in a controlled environment, where the number of errors will be recorded and compared to the number of errors in the current system.

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. Hallows, 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.

GENERAL INSTRUCTIONS

1. The first part of the report should be a summary of the work done during the year.

2. The second part should be a detailed account of the work done during the year.

3. The third part should be a summary of the results of the work done during the year.

4. The fourth part should be a summary of the conclusions reached during the year.

5. The fifth part should be a summary of the suggestions for future work.

6. The sixth part should be a summary of the work done during the year.

APPENDIX

1. The first part of the appendix should be a summary of the work done during the year.

2. The second part should be a detailed account of the work done during the year.

3. The third part should be a summary of the results of the work done during the year.

4. The fourth part should be a summary of the conclusions reached during the year.

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 un-exempted 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.

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The first part of the paper is devoted to a general discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The second part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The third part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The fourth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The fifth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The sixth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The seventh part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The eighth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The ninth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The tenth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science.

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.

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DEATHS.

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

	EUROPEAN			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
<u>INFECTIVE AND PARASITIC DISEASES.</u>												
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
<u>Tuberculosis of :-</u>												
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
<u>Syphilis :-</u>												
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
Congenital 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			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			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
<u>CANCER AND OTHER TUMOURS</u>												
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) <u>RHEUMATISM, DISEASES OF NUTRITION, ETC.</u>												
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

GENERAL INFORMATION									
DETAILED DATA									
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REMARKS									
Total of items									
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DEATHS. Cont'd.

	EUROPEAN			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			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) <u>DISEASES OF THE BLOOD</u>												
<u>Haemorrhagic conditions -</u>												
200. Primary purpura	0	0	0	0	0	0	0	0	0	1	0	1
<u>Anaemias -</u>												
203. Pernicious anaemia	0	1	1	0	0	0	0	0	0	0	0	0
<u>Leukaemias -</u>												
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) <u>DISEASES OF THE NERVOUS SYSTEM.</u>												
<u>Encephalitis (non-epidemic) -</u>												
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			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			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) <u>DISEASES OF THE CIRCULATORY SYSTEM</u>												
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			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			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) <u>DISEASES OF THE RESPIRATORY SYSTEM.</u>												
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

GENERAL STATEMENT OF THE CONDITION OF THE BANK									
ASSETS									
Cash									
Bills and Notes									
U.S. Bonds									
State Bonds									
Mortgages									
Loans									
Other Assets									
LIABILITIES									
Deposits									
Bills and Notes									
Other Liabilities									
Total									

Prepared by the Board of Directors of the Bank of the City of New York

DEATHS. Cont'd

	EUROPEAN			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			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) <u>DISEASES OF THE DIGESTIVE SYSTEM.</u>												
56. Ulcers of the Duodenum	1	0	1	0	0	0	0	0	0	0	0	0
58. Diarrhoea and Enteritis (Under 2 years)	0	0	0	30	29	59	3	4	7	6	8	14
59. Diarrhoea and Enteritis (Over 2 years)	0	0	0	1	1	2	1	0	1	0	2	2
60. Ulceration of the intestines (except duodenum)	0	1	1	0	0	0	0	0	0	0	0	0
61. Appendicitis	0	0	0	0	0	0	0	0	0	1	0	1
63. Intestinal obstruction	0	2	2	0	0	0	0	0	0	0	0	0
67. Cirrhosis of Liver without alcoholism	1	0	1	0	0	0	0	0	0	1	0	1
68. 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
69. 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.

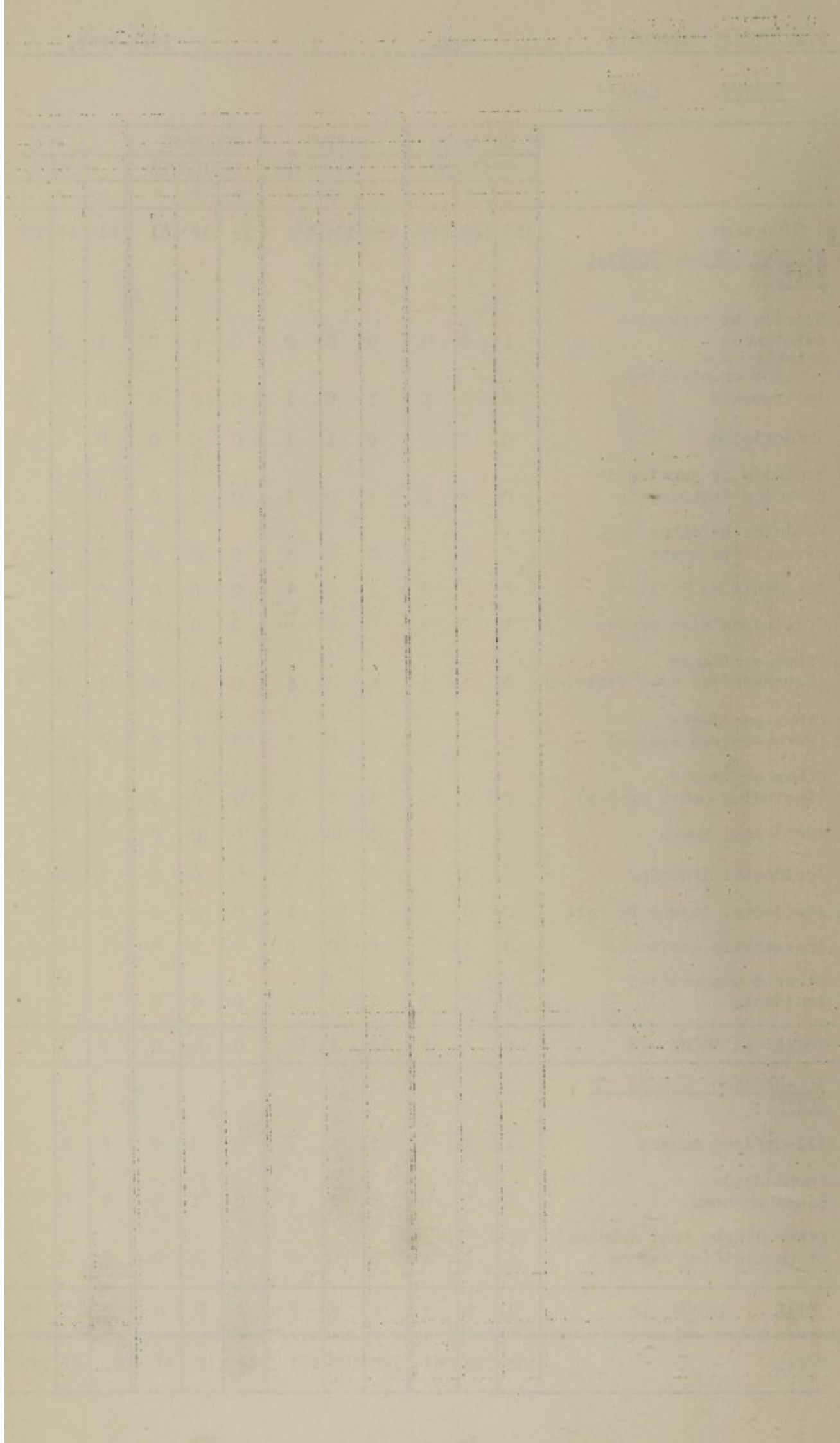
	EUROPEAN			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	105	104	209	118	93	211	18	12	30	64	45	109
(10) <u>DISEASES OF THE URINARY AND GENITAL SYSTEMS</u>												
501. Chronic nephritis	3	0	3	1	1	2	0	0	0	2	1	3
502. Nephritis - 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) <u>DISEASES OF PREGNANCY</u>												
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) <u>DISEASES OF THE BONES-ORGANS OF MOVEMENT</u>												
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			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			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) <u>CONGENITAL MALFORMATIONS.</u>												
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) <u>DISEASES PECULIAR TO THE FIRST YEAR OF LIFE.</u>												
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) <u>SENILITY</u>												
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			NATIVE			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			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) <u>VIOLENT OR ACCIDENTAL DEATHS.</u>												
850. Suicide by corrosive substances	1	0	1	0	0	0	0	0	0	1	0	1
853. Suicide by -												
853. 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) <u>ILL-DEFINED CAUSES OF DEATH.</u>												
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
12. 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
32. Bacillary - dysentery	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
61. Rheumatism, diseases of Nutrition etc. Others	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
63. Malnutrition	0	0	0	5	2	7	0	0	0	1	0	1	6	2	8
10. Convulsions in children under five	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
68. Other diseases of the Circulatory system (including hypotension)	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
102. Acute Bronchitis	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
104. Broncho Pneumonia	0	0	0	4	8	12	1	1	2	1	3	4	6	12	18
105. Lobar Pneumonia	0	0	0	1	4	5	1	0	1	0	1	1	2	5	7
106. Pneumonia, unspecified, including congestion of lungs	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
117. Abscess of lung	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
158. 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	32	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	

No.	Date	1911				1912				1913				Total
		Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr	
1	1911-12	10	15	20	25	12	18	22	28	15	20	25	30	100
2	1912-13	12	17	22	27	14	19	24	29	17	22	27	32	110
3	1913-14	14	19	24	29	16	21	26	31	19	24	29	34	120
4	1914-15	16	21	26	31	18	23	28	33	21	26	31	36	130
5	1915-16	18	23	28	33	20	25	30	35	23	28	33	38	140
6	1916-17	20	25	30	35	22	27	32	37	25	30	35	40	150
7	1917-18	22	27	32	37	24	29	34	39	27	32	37	42	160
8	1918-19	24	29	34	39	26	31	36	41	29	34	39	44	170
9	1919-20	26	31	36	41	28	33	38	43	31	36	41	46	180
10	1920-21	28	33	38	43	30	35	40	45	33	38	43	48	190

INVESTMENT IN
BOND AND STOCK

No.	Date	1911				1912				1913				Total
		Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr	
1	1911-12	10	15	20	25	12	18	22	28	15	20	25	30	100
2	1912-13	12	17	22	27	14	19	24	29	17	22	27	32	110
3	1913-14	14	19	24	29	16	21	26	31	19	24	29	34	120
4	1914-15	16	21	26	31	18	23	28	33	21	26	31	36	130
5	1915-16	18	23	28	33	20	25	30	35	23	28	33	38	140
6	1916-17	20	25	30	35	22	27	32	37	25	30	35	40	150
7	1917-18	22	27	32	37	24	29	34	39	27	32	37	42	160
8	1918-19	24	29	34	39	26	31	36	41	29	34	39	44	170
9	1919-20	26	31	36	41	28	33	38	43	31	36	41	46	180
10	1920-21	28	33	38	43	30	35	40	45	33	38	43	48	190

INVESTMENT IN
BOND AND STOCK

No.	Date	1911				1912				1913				Total
		Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr	
1	1911-12	10	15	20	25	12	18	22	28	15	20	25	30	100
2	1912-13	12	17	22	27	14	19	24	29	17	22	27	32	110
3	1913-14	14	19	24	29	16	21	26	31	19	24	29	34	120
4	1914-15	16	21	26	31	18	23	28	33	21	26	31	36	130
5	1915-16	18	23	28	33	20	25	30	35	23	28	33	38	140
6	1916-17	20	25	30	35	22	27	32	37	25	30	35	40	150
7	1917-18	22	27	32	37	24	29	34	39	27	32	37	42	160
8	1918-19	24	29	34	39	26	31	36	41	29	34	39	44	170
9	1919-20	26	31	36	41	28	33	38	43	31	36	41	46	180
10	1920-21	28	33	38	43	30	35	40	45	33	38	43	48	190

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

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some minor discoloration and faint horizontal lines near the top and bottom edges. A small dark spot is visible near the bottom right corner.[illegible]

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

C A N C E R.

(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	ALL PERSONS	: 0.89
Asiatic	:	0.46		
All Non-European	:	0.39		

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:-																
00. Buccal Cavity	0	0	0	0	0	0	0	0	2	1	1	0	2	0	0	0
01. Oesophagus	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1
02. Stomach & duodenum	0	0	0	0	1	0	1	0	0	0	2	0	1	3	1	0
03. Rectum	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
04. Liver	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0
05. Pancreas	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0
06. Other digestive organs (incl. peritoneum)	0	0	0	1	0	0	0	0	1	0	0	1	0	2	0	0
08. Mediastinum	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
09. Lung	0	0	0	0	0	1	0	0	2	2	1	0	6	0	0	0
10. Uterus	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0
11. Other female genital organs	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
12. Breast	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0
13. Prostate	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
15. Male & Female Urinary organs	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0
17. Brain & other parts of Nervous System	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
19. 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

PNEUMONIA : Code Nos. 404 - 406

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

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																				

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	0	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	33	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

Table 1: Summary of Data									
Category	Item 1	Item 2	Item 3	Item 4	Item 5	Item 6	Item 7	Item 8	Item 9
Group A	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group B	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group C	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group D	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group E	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group F	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group G	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group H	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group I	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group J	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0

Table 2: Detailed Data									
Category	Item 1	Item 2	Item 3	Item 4	Item 5	Item 6	Item 7	Item 8	Item 9
Group A	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group B	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group C	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group D	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group E	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group F	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group G	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group H	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group I	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Group J	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0

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 Tuberculosics and their contacts (Borough cases only)	521				1,340				296				1,046				3,173			

Date	Time	Lat	Long	Wind	Sea	Weather	Temperature				Remarks
							Air	Surf	W. Surf	Bottom	
1891	10:00	21° 00'	158° 00'	10	S	Partly Cloudy	75	75	75	10	
1891	11:00	21° 15'	158° 15'	10	S	Partly Cloudy	76	76	76	10	
1891	12:00	21° 30'	158° 30'	10	S	Partly Cloudy	77	77	77	10	
1891	13:00	21° 45'	158° 45'	10	S	Partly Cloudy	78	78	78	10	
1891	14:00	22° 00'	159° 00'	10	S	Partly Cloudy	79	79	79	10	
1891	15:00	22° 15'	159° 15'	10	S	Partly Cloudy	80	80	80	10	
1891	16:00	22° 30'	159° 30'	10	S	Partly Cloudy	81	81	81	10	
1891	17:00	22° 45'	159° 45'	10	S	Partly Cloudy	82	82	82	10	
1891	18:00	23° 00'	160° 00'	10	S	Partly Cloudy	83	83	83	10	
1891	19:00	23° 15'	160° 15'	10	S	Partly Cloudy	84	84	84	10	
1891	20:00	23° 30'	160° 30'	10	S	Partly Cloudy	85	85	85	10	
1891	21:00	23° 45'	160° 45'	10	S	Partly Cloudy	86	86	86	10	
1891	22:00	24° 00'	161° 00'	10	S	Partly Cloudy	87	87	87	10	
1891	23:00	24° 15'	161° 15'	10	S	Partly Cloudy	88	88	88	10	
1891	00:00	24° 30'	161° 30'	10	S	Partly Cloudy	89	89	89	10	
1891	01:00	24° 45'	161° 45'	10	S	Partly Cloudy	90	90	90	10	
1891	02:00	25° 00'	162° 00'	10	S	Partly Cloudy	91	91	91	10	
1891	03:00	25° 15'	162° 15'	10	S	Partly Cloudy	92	92	92	10	
1891	04:00	25° 30'	162° 30'	10	S	Partly Cloudy	93	93	93	10	
1891	05:00	25° 45'	162° 45'	10	S	Partly Cloudy	94	94	94	10	
1891	06:00	26° 00'	163° 00'	10	S	Partly Cloudy	95	95	95	10	
1891	07:00	26° 15'	163° 15'	10	S	Partly Cloudy	96	96	96	10	
1891	08:00	26° 30'	163° 30'	10	S	Partly Cloudy	97	97	97	10	
1891	09:00	26° 45'	163° 45'	10	S	Partly Cloudy	98	98	98	10	
1891	10:00	27° 00'	164° 00'	10	S	Partly Cloudy	99	99	99	10	
1891	11:00	27° 15'	164° 15'	10	S	Partly Cloudy	100	100	100	10	

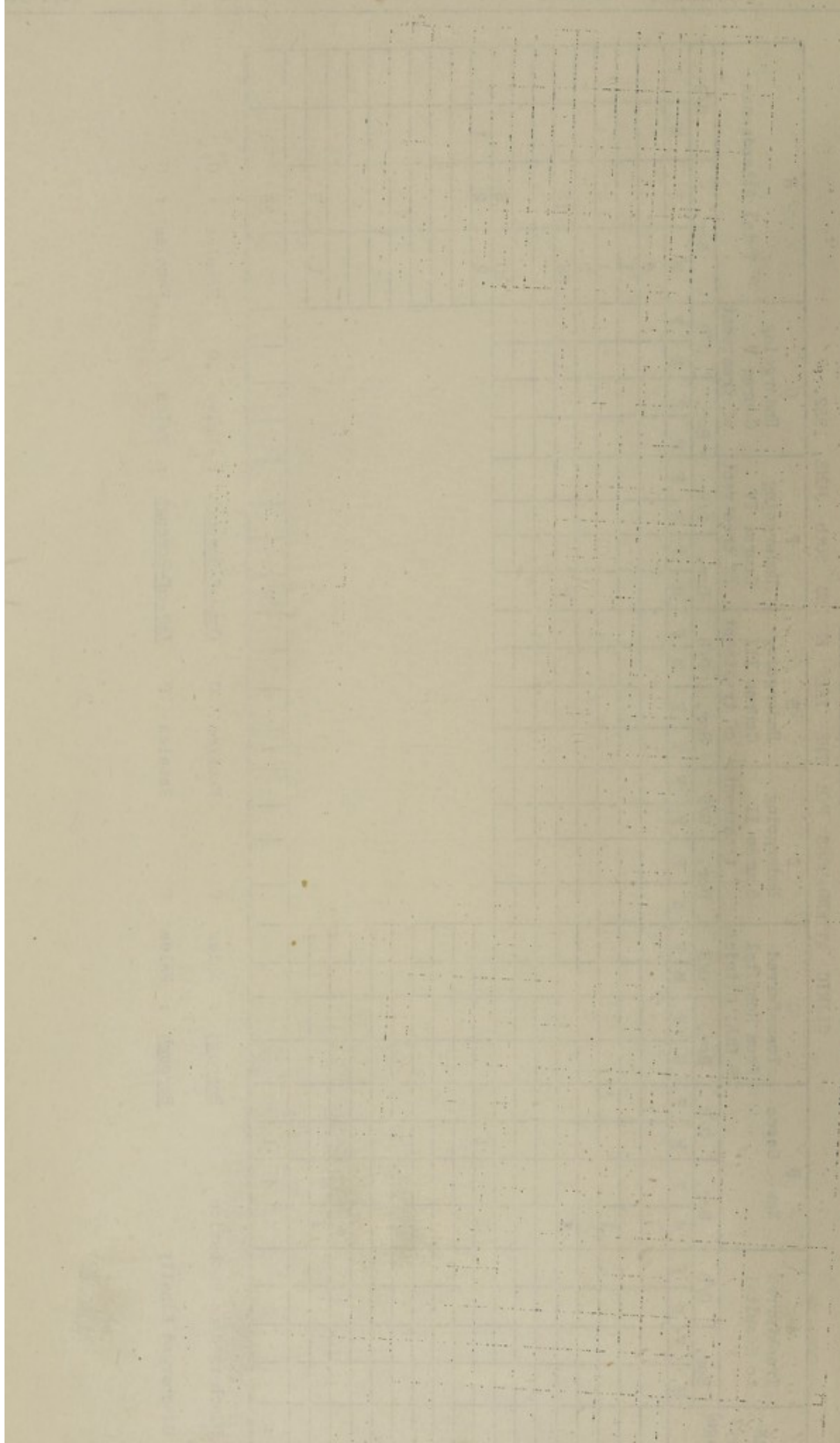
U.S. Navy Hydrographic Office

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																																
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17																																
18																																
TOTAL :																																
																														</		

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)	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						
	O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.				
	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			
55																																			
1																																			
2	2		2	3				20	5	12	8	3		10	15	2		5		3															
3	6	7	5	21	1	1	2	53	35	22	59	110	29	14	14	94	50	17	33	104	39	9	25												
4								4	4	3	2																								
5			6		27	45	3	43	40	128	17	145	237	313	16	121	162	246	35	85	165	150	2	61											
6													5																						
7	1				2	3	1	4	2	2	4	2	9	2	6	10	14																		
8																																			
9	1		2		1	5	2	18	8	7	11	7				1																			
10																																			
11																																			
12							1																												
13																																			
14																																			
15	1	3		1																															
16																																			
17	2		2		27	43	35	49	21	20	19	21																							
18																																			
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	313	2885	651	2205			

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

20. Discharged Finally	: <u>Borough</u>	: Male	59	Female	34	<u>O/Borough</u>	: Male	11	Female	36
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April 11th

April 11th

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				1	8				22			2				16	1		
3										3			7																8	61			
4																																	
5									1	2			7	38	2	19	46				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																																	
16																																	
17																																	
18																																	
TOTAL	3	4							2	4	7		23	46	2	20	56				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																																
3	1																															
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18																																
TOTAL	2																															

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
<u>RETURNED TO CLINIC.</u>								
<u>A. Voluntarily</u>								
1) For treatment.	-	-	20	-	1	-	-	2
2) Because of relapse.	-	-	-	-	-	-	-	-
3) Because of new infection.	-	-	-	-	-	-	-	-
<u>B. At Request of Health Visitor or Native Health Assistant.</u>								
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	-	-	-	-	-	-
<u>C. Supplementary Visits by Health Visitor (in case of Native Health Assistants).</u>								
1) Defaulter Visited.	-	-	3	3	1	1	-	-
2) Employer telephoned.	-	-	38	-	-	-	-	-
3) Employer visited.	-	-	6	8	1	2	1	-
<u>REASONS FOR DEFAULTING.</u>								
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
<u>Hours of work prevent attendance:</u>	-	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

1. 下列各数中，最小的数是（ ）。

VENEREAL DISEASE. Cont'd.

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

COLOURED (For Key) (See Page)	Discharged or Absconded or Died after Treatment of Duration																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	A In Hospital last day of precedg. year						B Admitted from Pass Office & Gaol						C Admitted Vol- untarily & from V.D. Clinic						D 0 - 14 Days						E 15 - 28 Days						F 29 - 42 Days						G 43 - 46 Days						H 57 + Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Bor.		O/B		M		F		Bor.		O/B		M		F		Bor.		O/B		M		F		Bor.		O/B		M		F		Bor.		O/B		M		F		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	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	Borough		O/Borough		Borough		O/Borough	
	Males	Females	Males	Females	Males	Females	Males	Females

No. of individuals
admitted during the year

1

No. of individuals
admitted during the year

1

No. of Patients suffer-
ing from 2 or more
Venereal Diseases

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 precedg. year				B Admitted from Pass Office & Gaol				C Admitted Vol- untarily & from V.D. Clinic				Discharged or Absconded or Died after treatment of Duration																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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	Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B		Bor.		M		F		O/B	

	Borough		O/Borough		Borough		O/Borough	
	Male	Female	Male	Female	Male	Female	Male	Female

No. of individuals admitted during the year

9

0

6

2

No. of Patients suffering from 2 or more Venereal Diseases

0

0

0

0

No. of individuals Discharged during the year

9

0

6

2

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

ST. MICHAEL'S HOSPITAL

ST. MICHAEL'S HOSPITAL

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DAILY ...

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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.

	<u>Borough Cases</u>					<u>Out-of-Borough Cases.</u>					<u>Total Cases Borough and Out-of-Borough</u>
	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
Vincent's 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.

STATE OF NEW YORK IN SENATE January 10, 1907 REPORT OF THE COMMISSIONERS OF THE LAND OFFICE

No.	Name of Land	Area				Total Area	Remarks
		Sq. R.	Sq. P.	Sq. M.	Sq. Y.		
1	Admiralty	10	0	0	0	10	
2	Albany	10	0	0	0	10	
3	Albany	10	0	0	0	10	
4	Albany	10	0	0	0	10	
5	Albany	10	0	0	0	10	
6	Albany	10	0	0	0	10	
7	Albany	10	0	0	0	10	
8	Albany	10	0	0	0	10	
9	Albany	10	0	0	0	10	
10	Albany	10	0	0	0	10	
11	Albany	10	0	0	0	10	
12	Albany	10	0	0	0	10	
13	Albany	10	0	0	0	10	
14	Albany	10	0	0	0	10	
15	Albany	10	0	0	0	10	
16	Albany	10	0	0	0	10	
17	Albany	10	0	0	0	10	
18	Albany	10	0	0	0	10	
19	Albany	10	0	0	0	10	
20	Albany	10	0	0	0	10	
21	Albany	10	0	0	0	10	
22	Albany	10	0	0	0	10	
23	Albany	10	0	0	0	10	
24	Albany	10	0	0	0	10	
25	Albany	10	0	0	0	10	
26	Albany	10	0	0	0	10	
27	Albany	10	0	0	0	10	
28	Albany	10	0	0	0	10	
29	Albany	10	0	0	0	10	
30	Albany	10	0	0	0	10	
31	Albany	10	0	0	0	10	
32	Albany	10	0	0	0	10	
33	Albany	10	0	0	0	10	
34	Albany	10	0	0	0	10	
35	Albany	10	0	0	0	10	
36	Albany	10	0	0	0	10	
37	Albany	10	0	0	0	10	
38	Albany	10	0	0	0	10	
39	Albany	10	0	0	0	10	
40	Albany	10	0	0	0	10	
41	Albany	10	0	0	0	10	
42	Albany	10	0	0	0	10	
43	Albany	10	0	0	0	10	
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45	Albany	10	0	0	0	10	
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47	Albany	10	0	0	0	10	
48	Albany	10	0	0	0	10	
49	Albany	10	0	0	0	10	
50	Albany	10	0	0	0	10	
51	Albany	10	0	0	0	10	
52	Albany	10	0	0	0	10	
53	Albany	10	0	0	0	10	
54	Albany	10	0	0	0	10	
55	Albany	10	0	0	0	10	
56	Albany	10	0	0	0	10	
57	Albany	10	0	0	0	10	
58	Albany	10	0	0	0	10	
59	Albany	10	0	0	0	10	
60	Albany	10	0	0	0	10	
61	Albany	10	0	0	0	10	
62	Albany	10	0	0	0	10	
63	Albany	10	0	0	0	10	
64	Albany	10	0	0	0	10	
65	Albany	10	0	0	0	10	
66	Albany	10	0	0	0	10	
67	Albany	10	0	0	0	10	
68	Albany	10	0	0	0	10	
69	Albany	10	0	0	0	10	
70	Albany	10	0	0	0	10	
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79	Albany	10	0	0	0	10	
80	Albany	10	0	0	0	10	
81	Albany	10	0	0	0	10	
82	Albany	10	0	0	0	10	
83	Albany	10	0	0	0	10	
84	Albany	10	0	0	0	10	
85	Albany	10	0	0	0	10	
86	Albany	10	0	0	0	10	
87	Albany	10	0	0	0	10	
88	Albany	10	0	0	0	10	
89	Albany	10	0	0	0	10	
90	Albany	10	0	0	0	10	
91	Albany	10	0	0	0	10	
92	Albany	10	0	0	0	10	
93	Albany	10	0	0	0	10	
94	Albany	10	0	0	0	10	
95	Albany	10	0	0	0	10	
96	Albany	10	0	0	0	10	
97	Albany	10	0	0	0	10	
98	Albany	10	0	0	0	10	
99	Albany	10	0	0	0	10	
100	Albany	10	0	0	0	10	

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 (1 Eur., 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".

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States.

INFANT WELFARE.1. INFANT CLINICS.

	European	Native	Coloured	Asiatic
<u>NEW CASES:</u>				
Under 1 Year	508	373	141	369
Over 1 Year	19	34	14	26
<u>ATTENDANCES:</u>				
Under 1 Year	7,071	3,080	1,564	4,078
Over 1 Year	997	1,150	425	1,066
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	: <u>70</u> (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	: <u>70</u>

(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	: <u>15</u>
Samples with Butter Fat 3% and over	: 15
Samples with Butter Fat under 3%	: 0
TOTAL	: <u>15</u>

(c) Phosphatase Testing of Pasteurised Milk.

Samples sufficiently heat treated	: 16
Samples not sufficiently heat treated	: 0
TOTAL	: <u>16</u>

2. ICE CREAM.

Samples of Ice Cream conforming to standard	: 1
Samples of Ice Cream not conforming to standard	: 0
TOTAL	: <u>1</u>

3. SAUSAGE.

Samples of Sausage conforming to standard	: 3
Samples of Sausage not conforming to standard	: 0
TOTAL	: <u>3</u>

4. MINCE MEAT.

Samples of Mince Meat conforming to standard	: 14
Samples of Mince Meat not conforming to standard	: 0
TOTAL	: <u>14</u>

5. CREAM./

FOODSTUFFS. Cont'd.5. CREAM.

Samples of Cream conforming to standard	: 8
Samples of Cream not conforming to standard	: 0
TOTAL	: <u>8</u>

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 :	<u>279</u>

MUNICIPAL SWIMMING BATHS.

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

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 :	<u>69</u>

STATION REPORT

Number of cases examined by physician
Number of cases not examined by physician
TOTAL

STATION REPORT

Number of cases
(Number of cases not examined by physician)
(Number of cases examined by physician)

STATION REPORT

(Results reported in accordance with method of station)
(Number of cases not examined by physician)

STATION REPORT

Probable No. of cases	No. of cases
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9
9	10
TOTAL	

STATION REPORT

Probable No. of cases	No. of cases
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9
9	10
TOTAL	

STATION REPORT

Probable No. of cases	No. of cases
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9
9	10
TOTAL	

STATION REPORT

Probable No. of cases	No. of cases
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9
9	10
TOTAL	

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	1

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	:	<u>43,619</u>

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

ANNUAL STATEMENT

1. ACCOUNTS RECEIVABLE

10,000	10,000
5,000	5,000
20,000	20,000
4,000	4,000
200	200
40,000	40,000

2. ACCOUNTS RECEIVABLE FROM OTHER SOURCES

10,000	10,000
5,000	5,000
20,000	20,000
4,000	4,000
200	200
40,000	40,000

3. ACCOUNTS RECEIVABLE FROM OTHER SOURCES

ACCOUNTS RECEIVABLE	ACCOUNTS RECEIVABLE	ACCOUNTS RECEIVABLE	ACCOUNTS RECEIVABLE	ACCOUNTS RECEIVABLE
10,000	10,000	10,000	10,000	10,000
5,000	5,000	5,000	5,000	5,000
20,000	20,000	20,000	20,000	20,000
4,000	4,000	4,000	4,000	4,000
200	200	200	200	200
40,000	40,000	40,000	40,000	40,000

4. ACCOUNTS RECEIVABLE FROM OTHER SOURCES

ACCOUNTS RECEIVABLE	ACCOUNTS RECEIVABLE	ACCOUNTS RECEIVABLE
10,000	10,000	10,000
5,000	5,000	5,000
20,000	20,000	20,000
4,000	4,000	4,000
200	200	200
40,000	40,000	40,000

ABATTOIR. Cont'd.

MEAT CONDEMNED (Approximate Weight).

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

	BOVINES			PIGS			SHEEP AND GOATS		
	Carcasses Infected	Condemned		Carcasses Infected	Condemned		Carcasses Infected	Condemned	
		Whole Carcasses	Portions of Carcasses Approx. Weight lbs.		Whole Carcasses	Portions of Carcasses Approx. Weight lbs.		Whole Carcasses	Portions of Carcasses Approx. Weight lbs.
Actinomycosis	75	-	2,915	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	-
Casles (Veal)	122	33	450	-	-	-	-	-	-
Casles (Beef)	934	101	83,300	132	108	125	-	-	-
Cumpy Skin	-	-	-	-	-	-	-	-	-
Disease (Beef)	-	-	-	-	-	-	-	-	-
Cumpy Skin	-	-	-	-	-	-	-	-	-
Disease (Veal)	-	-	-	-	-	-	-	-	-
Lymphadenitis	-	-	-	-	-	-	5	5	-
Malignant Tumours	15	15	-	-	-	-	-	-	-
Septicemia	2	2	-	-	-	-	-	-	-
Septicemia	2	2	-	-	-	-	-	-	-
Pericarditis	-	-	-	-	-	-	-	-	-
Pneumonia - Veal	5	5	-	-	-	-	-	-	-
Pneumonia - Beef	5	5	-	2	2	-	-	-	-
Septicemia - Veal	14	14	-	-	-	-	-	-	-
Septicemia - Beef	3	3	-	1	1	-	-	-	-
Pericarditis	1	1	-	4	4	-	-	-	-
Septicemia	-	-	-	5	5	-	-	-	-
Septicemia - Veal	-	-	-	-	-	-	-	-	-
Tuberculosis	39	16	1,010	103	3	1,276	-	-	-
Nephritis - Veal	-	-	-	-	-	-	-	-	-
Nephritis - Beef	-	-	-	-	-	-	-	-	-
Septicemia	2	2	-	-	-	-	-	-	-
Bruising - Veal	1	1	-	-	-	-	-	-	-
Bruising	20	20	7,995	3	3	-	-	-	-
Decomposition	-	-	727	-	-	-	-	-	-
Oedema - Veal	3	3	-	-	-	-	-	-	-
Oedema - Beef	-	-	-	-	-	-	-	-	-
Fevered - Veal	-	-	-	-	-	-	-	-	-
Fevered - Beef	1	1	-	1	1	-	4	4	-
Toxaemia	1	1	-	1	1	-	-	-	-
Toxaemia - Veal	1	1	-	-	-	-	-	-	-
Emaciation - Veal	21	21	-	-	-	-	15	(15 Emaciation	-
Emaciation - Beef	15	15	-	3	3	-	44	(44 Emaciation & Oedema	-
Immaturity - Veal	10	10	-	-	-	-	-	-	-
Jaundice - Veal	11	11	-	-	-	-	-	-	-
Jaundice - Beef	1	1	-	-	-	-	1	1	-
Stilesia Hepatica,)	-	-	-	-	-	-	-	-	-
Fluke, Abscesses,)	-	-	-	-	-	-	-	-	-
Modular Worms, etc.)	-	-	-	-	-	-	-	-	-
- Beef	-	-	20,120	-	-	3,600	-	-	37,437
- Veal	-	-	150	-	-	-	-	-	-
Onchocerca	1	1	-	-	-	-	-	-	-
Peritonitis	2	2	-	-	-	-	-	-	-
Uticaria	-	-	-	1	1	-	-	-	-
Wange	-	-	-	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	<u>5,120</u>

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	24
48. Other Visits in Connection with Fumigation	
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
	<u>11,883</u>

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	<u>447</u>	<u>1,316</u>
C/Forward		<u>13,199</u>

SANITATION. Cont'd.

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

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 Regard- ing the Prevention of Rodent Infes- tation, etc.	2
Under V.D. Hospital Regulations	1
TOTAL :	<u>32</u>

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)	8
(6 Of these premises had been de- molished and 1 converted to an open shed by 30. 6. 52.)	
(c) Under Slums Act	0
(d) Voluntary Demolitions	25
TOTAL :	<u>33</u>

TABLE 1. Summary of Data

Total number of respondents	
1	Under 18 years of age
7	18 to 24 years of age
14	25 to 34 years of age
1	35 to 44 years of age
	45 to 54 years of age
4	55 to 64 years of age
3	65 to 74 years of age
2	75 to 84 years of age
1	85 years and over
30	Total

Total number of respondents	
14	Male
16	Female
30	Total

TABLE 2. Summary of Data

Total number of respondents	
14	(a) Under 18 years of age
16	(b) 18 to 24 years of age
14	(c) 25 to 34 years of age
1	(d) 35 to 44 years of age
4	(e) 45 to 54 years of age
3	(f) 55 to 64 years of age
2	(g) 65 to 74 years of age
1	(h) 75 to 84 years of age
1	(i) 85 years and over
30	Total

