

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

**Contributors**

Pietermaritzburg (South Africa). Public Health Department.

**Publication/Creation**

[Pietermaritzburg] : [Public Health Dept.], [1944]

**Persistent URL**

<https://wellcomecollection.org/works/fmrh9vbe>

**License and attribution**

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>

AC 165



CITY OF PIETERMARITZBURG.

---

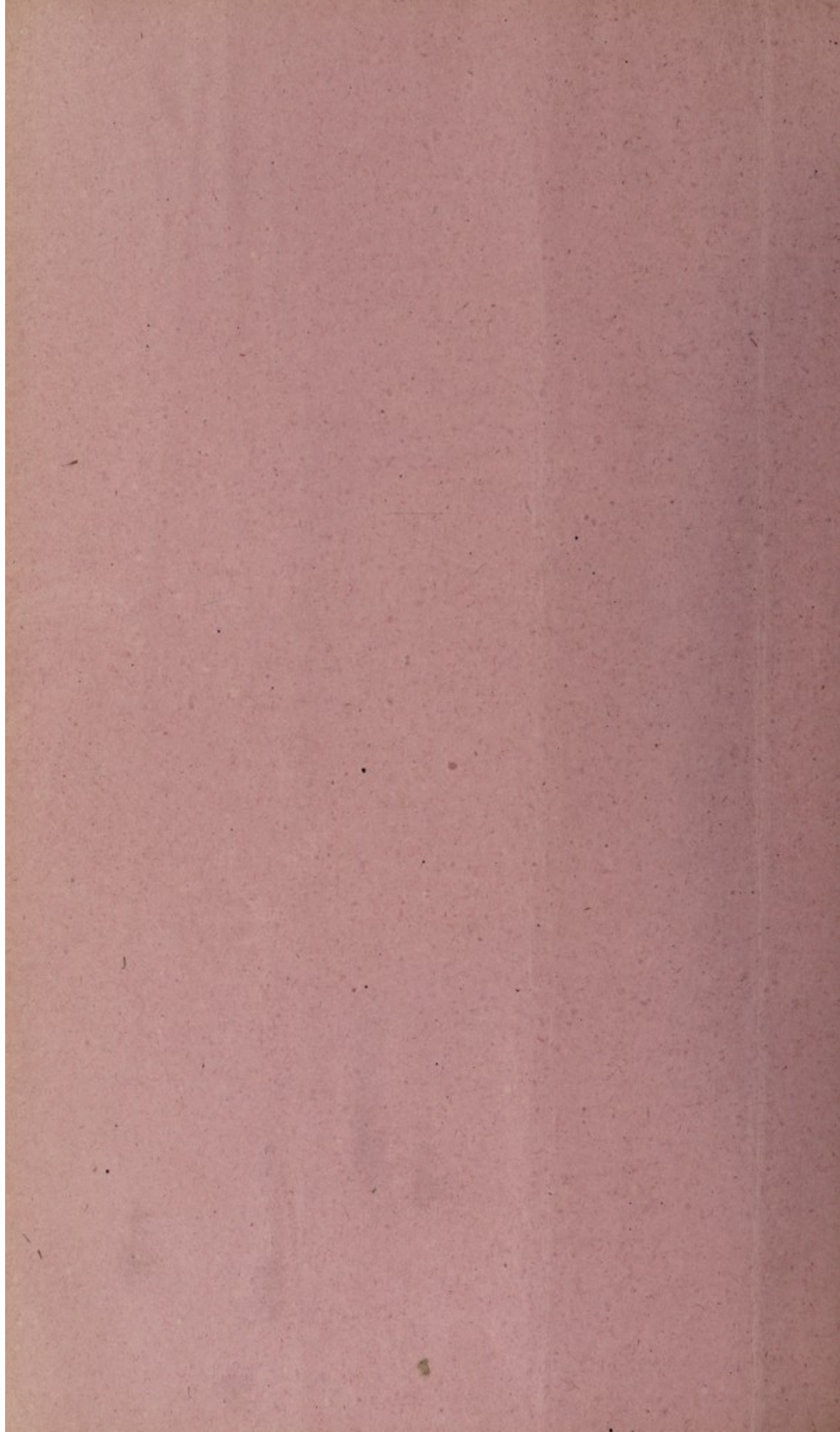
ANNUAL REPORT

OF THE

MEDICAL OFFICER OF  
HEALTH

For the Twelve Months  
1st July, 1943 to 30th June 1944.

---





CITY OF PIETERMARITZBURG.

PUBLIC HEALTH DEPARTMENT

PIETERMARITZBURG.

.....

...

.

REPORT OF THE MEDICAL OFFICER OF  
HEALTH ON THE PUBLIC HEALTH &  
SANITARY CIRCUMSTANCES OF THE CITY  
OF PIETERMARITZBURG FOR THE YEAR  
ENDED JUNE 30TH, 1944.

BY

M. MAISTER, B.A., M.B., Ch.B., D.P.H.

MEDICAL OFFICER OF HEALTH.

CITY OF PITTSBURGH.  
PUBLIC HEALTH DEPARTMENT.  
PITTSBURGH, PA.

.....

...

REPORT OF THE HEALTH OFFICER OF  
THE CITY OF PITTSBURGH  
AS TO THE PREVALENCE OF  
DYSENTERY DURING THE YEAR  
1904.

W. H. HARRIS, M.D., Health Officer.  
PITTSBURGH, PA., 1905.

INTRODUCTORY.

CITY OF PIETERMARITZBURG.

PUBLIC HEALTH DEPARTMENT.

To  
Madam Mayor  
and Members of the Council of the  
City of Pietermaritzburg.

Madam 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 ended 30th June, 1944.

Birth Rates and Death Rates increased slightly in all races. There was a mild epidemic of Scarlet Fever during the year while the incidence of Diphtheria also increased sharply.

The only forward steps made during the year towards the re-housing of Slum dwellers has been the commencement of the construction of 100 sub-economic houses at the Native Village. Practically no private building has taken place during the year.

The Dairy Inspector and a Meat Inspector were released from the Army following application by the City Council, while one member of the clerical staff returned following his discharge from the Army.

My thanks are due to all members of the Staff for the high level of efficiency which, despite all difficulties, has been maintained 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 the Chairman and members of the Public Health Committee, and of the cordial co-operation of the various Municipal Heads of Departments.

I have the honour to be,

Madam and Gentlemen,

Your obedient servant,

M. MAISTER.

MEDICAL OFFICER OF HEALTH.

THOMSON

## CITY OF PITTSBURGH

## PUBLIC HEALTH DEPARTMENT

Mayor  
and Members of the Council of the  
City of Pittsburgh

Dear Sirs:

I have the honor to present the Annual Report on  
the Health and Sanitary Conditions of the City of Pittsburgh  
for the year ended 30th June, 1944.

Birth Rates and Death Rates increased slightly  
all round. There was a slight decline in the number of  
deaths while the incidence of infectious diseases remained about the same.

The only forward step made during the year was  
the re-organization of the Health Department. The  
100 sub-divisional offices at the various Villages, practically  
all of which have been taken place during the year.

The Deputy Inspector and a few Inspectors were  
re-elected. The following applications by the City Council, while one member  
of the Council was returned following his discharge from the Army.

My thanks are due to all members of the Council  
for the high level of efficiency which, despite all difficulties, has  
been maintained 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 the  
Council and members of the Public Health Committee, and of the co-operation  
of the various Municipal Departments of the City.

I have the honor to be,

Sincerely yours,

Your obedient servant,

A. MILLER

MEDICAL OFFICER OF HEALTH

(1) NATURAL CONDITIONS AND STATISTICS .....	1 - 7
Meteorological Records .....	1
Leading Vital Statistics .....	2
Population .....	3
Births .....	3
Deaths - Total .....	4
Death Rates ( Abridged List ) .....	5
Deaths - Seasonal Variations .....	6
Deaths - Summary of Causes .....	7
(2) INFECTIOUS DISEASE: .....	8 - 12
Total Notifications & Incidence .....	8
Isolation Hospital .....	9
Non-European Infectious Diseases Hospital .....	9
Ambulance .....	9
Laboratory Work .....	9
Notifiable Infectious Disease:	
(a) Anthrax .....	10
(b) Smallpox .....	10 - 11
(c) Diphtheria .....	11
(d) Scarlet Fever .....	11 - 12
(e) Cerebro-Spinal Meningitis .....	12
(f) Anterior Poliomyelitis .....	12
(h) Typhus Fever .....	12
(i) Enteric Fever .....	12
(j) Puerperal Sepsis .....	12
(3) TUBERCULOSIS .....	12 - 13
(4) VENEREAL DISEASES .....	13 - 15
(5) PLAGUE .....	15
(6) OTHER COMMUNICABLE DISEASES .....	15
(I) Malaria .....	15
(II) Enteritis .....	15
(III) Measles .....	15
(IV) German Measles .....	15
(V) Whooping Cough .....	15
(7) WATER SUPPLY .....	15
(8) NIGHTSOIL AND REFUSE DISPOSAL .....	15 - 16
(9) MEAT SUPPLIES .....	16
(10) MILK SUPPLIES .....	16
(11) OTHER FOOD SUPPLIES .....	17
(12) MATERNITY AND CHILD WELFARE .....	17 - 18
Infantile Mortality Rate .....	17 - 18
Maternal Mortality and Maternal Welfare .....	18
(13) BY-LAW NOTICES AND PROSECUTIONS .....	18
(14) OTHER MATTERS OF HEALTH AND SANITATION ...	18 - 19
Nursing Homes .....	18
Complaints from Burgesses .....	18
Medical Examination of Natives .....	18-19
Native Village Dispensary .....	19
State-Aided Butter Scheme .....	19
Health Propaganda .....	19

## Index. Continued.

	<u>PAGE</u>
(15) STAFF .....	19 - 21
(16) PERI-URBAN AREAS .....	21

## REPORT "B"

(1) HOUSING .....	21 - 22
-------------------	---------

## STATISTICAL APPENDIX

Deaths : Causes in Detail .....	23 - 28
Infantile Mortality .....	29 - 30
Deaths : Tuberculosis .....	31 - 32
Deaths : Cancer .....	33
Deaths : Bronchitis & Pneumonia .....	34
Deaths : Diseases of the Heart .....	35
Deaths : Diarrhoea & Enteritis .....	36
Enteric Fever & Tuberculosis : Districts of Residence ....	36
Tuberculosis - Clinic Attendances, etc. ....	37
Venereal Disease - Clinic Attendances .....	38 - 41
Epidemic Hospital : Admissions .....	42 - 44
Ante-Natal Treatment of Syphilis .....	45
Venereal Disease - Home Visits .....	46
Isolation Hospital - Admissions .....	47 - 48
Infant Welfare : Clinic Attendances, etc. ....	49
Foodstuffs : Specimens examined .....	50
Foodstuffs : Condemned as Unfit .....	51 - 52
Abattoir : Animals Slaughtered .....	53
Abattoir : Meat Condemned .....	53 - 54
Licence Applications .....	55
Applications under Urban Areas Act. ....	55
Sanitary Inspections .....	56 - 57
Disinfection, Fumigation and Disinfestation .....	57
Prosecutions .....	58
Condemnation of Premises .....	58

CLIMATE AND RATEABLE VALUE.

Latitude - 29 degrees, 36 minutes, 4 seconds south.  
 Longitude - 30 degrees, 22 minutes, 46 seconds east.  
 Altitude - At Market Square : 2160 feet.

TEMPERATURE AND RAINFALL :

	<u>RAINFALL</u> <u>IN</u> <u>INCHES.</u>	<u>ATMOSPHERIC TEMPERATURE</u>			<u>RELATIVE HUMIDITY</u> <u>Aver. Daily</u> <u>Percentage.</u>
		<u>Av. Daily</u> <u>Maximum.</u>	<u>Av. Daily</u> <u>Minimum.</u>	<u>Av. Daily</u> <u>Mean.</u>	
1943.					
July	3.72	68.5	41.6	55.0	79.3%
August	4.36	67.9	44.5	56.2	78.0%
September	0.15	75.3	50.0	62.6	73.2%
October	8.69	75.6	56.0	65.8	80.2%
November	5.09	81.4	58.7	70.0	63.6%
December	4.91	79.6	59.4	69.5	67.5%
1944.					
January	1.72	87.3	65.5	76.4	57.7%
February	4.74	77.0	63.0	70.0	77.7%
March	2.20	78.6	60.8	69.7	75.0%
April	0.46	77.2	51.6	64.4	73.5%
May	0.10	73.0	42.0	57.5	67.3%
June	0.15	66.7	39.8	53.2	84.6%
Total :	36.29				

AREA OF MUNICIPALITY : 31,154 acres.

Value of Rateable Property : £7,712,230. 0. 0.

Exempted Property : £3,113,450. 0. 0.

RATES : General - 3 $\frac{1}{2}$ d.  
 Water - 15d.  
 16

## CITY OF PIETERMARITZBURG.

## LEADING VITAL STATISTICS:

YEAR ENDING 30th JUNE, 1944.

	European	Native	Coloured	Asiatic
* POPULATION (Estimated)	20,887	8,151	1,534	9,345
BIRTHS REGISTERED.	550	274	104	526
BIRTH RATE (per 1000 Population)	26.33	33.62	67.80	56.30
ILLEGITIMATE BIRTHS.	14	139	26	7
(Percentage of total births.)	2.55%	50.36%	26.8%	1.43%
DEATHS.	237	151	49	149
CRUDE DEATH RATE.				
(Corrected for outward transfers.)	11.35	18.53	31.94	15.95
INFANTILE MORTALITY.				
DEATHS.	16	45	14	39
RATE (per 1000 Births).	29.09	164.23	134.63	74.14
PULMONARY TUBERCULOSIS.				
Code No. 015. DEATHS.	3	14	4	14
RATE per 1000 Population.	0.15	1.72	2.61	1.50
TUBERCULOSIS - OTHER FORMS.				
Code Nos. 016-025. DEATHS.	0	5	1	3
RATE (per 1000 Population.)	0	0.61	0.65	0.32
ENTERIC FEVER.				
Code No. 001. DEATHS.	0	2	0	0
RATE (per 1000 Population).	0	0.25	0	0
CANCER AND OTHER TUMOURS.				
Code Nos. 100-136. DEATHS.	37	2	0	0
RATE (per 1000 Population.)	1.77	0.25	0	0
DISEASES OF THE HEART AND CIRCULATORY SYSTEM.				
Code Nos. 350-368. DEATHS.	87	24	9	28
RATE (per 1000 Population.)	4.17	2.94	5.87	3.00
BRONCHITIS AND PNEUMONIA.				
Code Nos. 402-406. DEATHS.	15	31	6	15
RATE per 1000 Population.	0.72	3.82	3.91	1.60

\* (Inmates of Gaols and Hospitals are not included)

BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.

(1) VITAL STATISTICSPOPULATION:

This is an estimate of the population as at June 30th, 1944. Temporary Visitors, the inmates of the Mental Hospital and Fort Neger Mental Institution, the prisoners in the Gaols and the patients in the hospitals and the Sanatorium are excluded.

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Male	9,851	4,575	681	4,731	9,987	19,838
Female	11,026	3,576	853	4,614	9,043	20,069
PERSONS	20,877	8,151	1,534	9,345	19,030	39,907

BIRTHS.TOTAL BIRTHS REGISTERED1) RESIDENTS.

	<u>Male</u>		<u>Female</u>		<u>Persons</u>		Tot:	Percentage of illeg. to all births	Birth rate per 1000 population.
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.			
European	247	8	239	6	536	14	550	2.4%	26.33
Native	71	79	64	60	135	139	274	51%	33.62
Coloured	38	17	40	9	78	26	104	25%	67.80
Asiatic	259	3	260	4	519	7	526	1.3%	56.30
All Non-Eur.	368	99	364	73	732	172	904	19%	47.57
All Races	615	107	653	79	1,268	186	1,454	12.8%	37.28

2) NON-RESIDENTS.

	<u>Male</u>		<u>Female</u>		<u>Persons</u>		Tot:	Percentage of illeg. to all Births.
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.		
European	134	3	140	1	274	4	278	1.4%
Native	326	172	283	171	609	343	952	36%
Coloured	5	2	8	3	13	5	18	27.8%
Asiatic	19	0	19	0	38	0	38	0
All Non-Eur.	350	174	310	174	660	348	1,008	34.5%
All Races	484	177	450	175	934	352	1,286	27.4%

All Birth Rates showed an increase. The European Birth Rate rose from 21.6 to 26.33

The Native Birth Rate increased from 26.4 to 33.62. The Coloured Birth Rate rose to 67.8 and the Indian Birth Rate increased from 54.1 to 56.30.

/ DEATHS .....

DEATHSTOTAL DEATHS REGISTERED(1) RESIDENTS.

	Male		Female		PERSONS	
	Deaths	Rate per 1000 Male Population	Deaths	Rate per 1000 Female Population.	Deaths	Death Rate.
European	123	12.49	114	10.34	237	11.35
Native	91	19.89	60	16.78	151	18.53
Coloured	27	39.65	22	25.80	49	31.94
Asiatic	94	19.87	55	11.92	149	15.95
All Non-Europ:	212	21.23	137	15.14	349	18.34
All Races	335	16.89	251	12.51	586	14.69

(2) NON-RESIDENTS.

European	:	168
Native	:	798
Coloured	:	23
Asiatic	:	66
All Non-Euro:	:	892
All Races	:	1,060

DEATHS. (Page 5 - 7)

The European crude death rate rose slightly from 9.86 to 11.35. 48% of the deaths occurred in people over 65 years of age.

The Native death rate rose from 10.63 to 18.53. The Coloured death rate rose from 25.72 to 31.94, while the Indian death rate rose from 13.2 to 15.95. The death rate for all races was 14.69 as compared with 11.40 for last year.

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

European	:	20%
Native	:	75%
Coloured	:	73%
Asiatic	:	58%

All Non-European : 67%

These figures once again show how much better the expectation of life is for Europeans than for the other classes of the community. The table on page 7 also indicates how that the diseases generally associated with later life, e.g. Cancer, Cerebral Haemorrhage and Cardiac disease, are a much commoner cause of death among Europeans than among Non-Europeans, whilst bowel infections, tuberculosis, and diseases of early infancy, are much more frequently the cause of death amongst Non-Europeans.

**DEATH RATES (PER 1000 POPULATION) : VARIOUS CAUSES**  
**ABRIDGED LIST (5th Decennial Revision)**

**RESIDENTS ONLY.**

	European		Native		Coloured		Asiatic		All Non-Europeans		All Races.	
1. Typhoid	-	-	2	0.25	-	-	-	-	2	0.11	2	0.05
2. Plague	-	-	-	-	-	-	-	-	-	-	-	-
3. Meningococcal C.S. Meningitis	-	-	-	-	-	-	-	-	-	-	-	-
4. Scarlet Fever	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough	1	0.05	-	-	-	-	1	0.11	1	0.05	2	0.05
6. Diphtheria	1	0.05	2	0.25	-	-	1	0.11	3	0.16	4	0.10
7. Pulm. T.B.	3	0.14	14	1.72	4	2.61	14	1.50	32	1.68	35	0.88
8. T.B. Non-Pulm.	-	-	5	0.61	1	0.65	3	0.32	9	0.47	9	0.23
9. Leprosy	-	-	-	-	-	-	-	-	-	-	-	-
0. Malaria	-	-	-	-	-	-	-	-	-	-	-	-
1. Syphilis	-	-	3	0.37	1	0.65	-	-	4	0.21	4	0.10
2. Influenza	3	0.14	1	0.12	-	-	3	0.32	4	0.21	7	0.18
3. Smallpox	-	-	-	-	-	-	-	-	-	-	-	-
4. Measles	-	-	-	-	-	-	1	0.11	1	0.05	1	0.03
5. Typhus Fever	-	-	-	-	-	-	-	-	-	-	-	-
6. Cancer	37	1.77	2	0.25	-	-	-	-	2	0.11	39	0.98
7. Diabetes	2	0.10	-	-	-	-	1	0.11	1	0.05	3	0.08
8. Cerebral Haemorrhage etc.	11	0.53	1	0.12	1	0.65	11	1.18	13	0.68	24	0.60
9. Cardiac Disease	73	3.49	11	1.35	8	5.22	22	2.35	41	2.15	114	2.86
0. Oth. Dis. of Circulatory System.	14	0.67	13	1.60	1	0.65	6	0.64	20	1.05	34	0.85
1. Bronchitis & Pneumonia	15	0.72	31	3.82	6	3.91	14	1.50	51	2.68	66	1.65
2. Miner's Phthisis without T.B.	-	-	-	-	-	-	-	-	-	-	-	-
3. Miner's Phthisis with T.B.	-	-	1	0.12	-	-	-	-	1	0.05	1	0.03
4. Oth. Respiratory diseases.	8	0.38	6	0.74	-	-	9	0.96	15	0.79	23	0.58
5. Ulcer of Stomach & duodenum	1	0.05	-	-	-	-	1	0.11	1	0.05	2	0.05
6. Diarrhoea & Enteritis. (Under 2 years).	3	0.14	13	1.60	1	0.65	12	1.28	26	1.37	29	0.73
7. Appendicitis	-	-	-	-	-	-	-	-	-	-	-	-
8. Dis. of Liver & Biliary passages	1	0.05	1	0.12	1	0.65	1	0.11	3	0.16	4	0.10
9. Nephritis	3	0.14	4	0.49	3	1.96	4	0.43	11	0.58	14	0.35
0. Puerperal Sepsis	-	-	-	-	-	-	-	-	-	-	-	-
1. Other Dis. of Pregnancy &c.	1	0.05	3	0.37	-	-	2	0.21	5	0.26	6	0.15
2. Cong. Malformations & Dis. of Early Infancy	9	0.43	15	1.84	9	5.87	17	1.82	41	2.15	50	1.25
3. Suicide	-	-	-	-	-	-	-	-	-	-	-	-
4. Other Violent deaths	9	0.43	3	0.37	3	1.96	4	0.43	10	0.53	19	0.48
5. Oth. defined causes	39	1.87	17	2.09	10	6.52	22	2.35	49	2.57	88	2.21
6. Causes ill-defined	3	0.14	3	0.37	-	-	-	-	3	0.16	6	0.15
Total :	237	11.35	151	18.53	49	31.94	149	15.95	349	18.34	586	14.69

## 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 1943	11	15	26	6	2	8	1	4	5	14	5	19	21	11	32
August	14	16	30	8	3	11	1	3	4	8	3	11	17	9	26
September	14	9	23	4	7	11	5	3	8	10	2	12	19	12	31
October	8	10	18	5	7	12	5	0	5	5	4	9	15	11	26
November	13	5	18	6	0	6	1	0	1	7	3	10	14	3	17
December	7	7	14	8	9	17	3	0	3	3	7	10	14	16	30
January	6	6	12	10	7	17	3	2	5	8	5	13	21	14	35
February	6	5	11	9	6	15	3	3	6	7	5	12	19	11	30
March	7	10	17	10	5	15	1	2	3	8	3	11	19	10	29
April	8	8	16	12	5	17	2	2	4	8	10	18	22	17	39
May	14	15	29	8	4	12	1	2	3	10	2	12	19	8	27
June 1944	15	8	23	5	5	10	1	1	2	6	6	12	12	12	24
Total :	123	114	237	91	60	151	27	22	49	94	55	149	212	137	349

## 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	9	16	27	18	45	8	6	14	22	17	39	57	41	98
1 "	2	0	2	1	4	5	1	2	3	1	0	1	3	6	9
2-4 yrs.	2	0	2	11	19	21	5	0	5	5	5	10	21	15	36
5-14 "	8	0	8	5	3	8	0	3	3	4	2	6	9	8	17
15-24 "	2	1	3	7	4	11	1	3	4	7	5	12	15	12	27
25-34 "	3	2	5	4	7	11	1	2	3	4	6	10	9	15	24
35-44 "	8	3	11	8	4	12	1	3	4	5	3	8	14	10	24
45-54 "	5	12	17	15	7	22	3	0	3	4	2	6	22	9	31
55-64 "	24	15	39	10	2	12	5	2	7	18	9	27	33	13	46
65-74 "	29	33	62	2	1	3	1	0	1	19	3	22	22	4	26
75 & Over	33	39	72	1	0	1	1	1	2	5	3	8	7	4	11
Total :	123	114	237	91	60	151	27	22	49	94	55	149	212	137	349

(1) Vital Statistics continued.SUMMARY OF CAUSES OF DEATH

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

RESIDENTS ONLY.

	European	Native	Coloured	Asiatic
Acute Exanthemata	- : -	2 : 1.3%	- : -	1 : 0.7%
Tuberculosis (All forms)	3 : 1.3%	19 : 12.6%	5 : 10.3%	17 : 11.4%
Syphilis	- : -	3 : 2.0%	1 : 2.1%	- : -
Other Parasitic & Infectious Diseases.	7 : 3.0%	4 : 2.6%	3 : 6.2%	6 : 4.0%
Cancer	37 : 14.5%	2 : 1.3%	- : -	- : -
Cerebral Haemorrhage, Thrombosis and Embolism	11 : 4.6%	1 : 0.7%	1 : 2.1%	10 : 6.7%
Cardiac Diseases and Other Diseases of Circulatory System	87 : 36.7%	24 : 15.9%	9 : 18.5%	28 : 18.8%
Respiratory Disease (Non-Tuberculous)	23 : 9.6%	38 : 25.2%	6 : 12.4%	23 : 15.4%
Enteritis and Diarrhoea (under 2 years.)	3 : 1.3%	13 : 8.6 %	1 : 2.1%	12 : 8.1%
Nephritis	3 : 1.3%	4 : 2.6 %	3 : 6.2%	4 : 2.7%
Congenital Malformations and diseases of early infancy	9 : 3.8%	15 : 9.9 %	9 : 18.5%	17 : 11.4%
Deaths from Violence	9 : 3.8%	3 : 2.0 %	3 : 6.2%	4 : 2.7%
Other Causes	- : 20.1%	- : 15.3 %	- : 15.4%	- : 18.1%
TOTAL :	237 :	151 :	49 :	149 :

TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE.RESIDENTS ONLY. (See page 43 for list of alterations of Diagnosis)

	European	Native	Coloured	Asiatic	All-Non-European	All Races
Enteric Fever	5	12	4	6	22	27
Pulmonary Tuberculosis	5	23	3	24	50	55
Tuberculosis - Other Forms.	1	4	-	3	7	8
Scarlet Fever	153	-	-	-	-	153
Diphtheria	53	16	3	4	23	76
Murine Typhus Fever	3	1	-	-	1	4
Gonococcal Ophthalmia	1	2	-	-	2	3
Erysipelas	2	-	-	1	1	3
C. S. Meningitis	4	2	1	-	3	7
Puerperal Sepsis	4	6	1	4	11	15
Anterior Poliomyelitis	3	-	-	-	-	3
Leprosy	-	3	-	-	3	3
Smallpox	-	1	-	1	2	2
Total :	234	70	12	43	125	359

INCIDENCE per 1,000 POPULATION.

	European	Native	Coloured	Asiatic	All Non-European	All Race
Enteric Fever	5 : 0.24	12 : 1.48	4 : 2.61	6 : 0.64	22 : 1.16	27 : 0.8
Pulm. T.B.	5 : 0.24	23 : 2.83	3 : 1.96	24 : 2.56	50 : 2.63	55 : 1.7
T.B. Other forms	1 : 0.05	4 : 0.49	- : -	3 : 0.32	7 : 0.37	8 : 0.2
Scarlet Fever	153 : 7.33	- : -	- : -	- : -	- : -	153 : 4.8
Diphtheria	53 : 2.54	16 : 1.97	3 : 1.96	4 : 0.43	23 : 1.21	76 : 2.3
Murine Typhus Fever.	3 : 0.14	1 : 0.12	- : -	- : -	1 : 0.05	4 : 0.1
Gonococcal Ophthalmia	1 : 0.05	2 : 0.25	- : -	- : -	2 : 0.11	3 : 0.08
Erysipelas	2 : 0.10	- : -	- : -	1 : 0.11	1 : 0.11	3 : 0.08
C.S. Meningitis	4 : 0.19	2 : 0.25	1 : 0.65	- : -	3 : 0.16	7 : 0.2
Puerperal Sepsis	4 : 0.19	6 : 0.74	1 : 0.65	4 : 0.43	11 : 0.58	15 : 0.4
Ant. Poliomyelitis	3 : 0.14	- : -	- : -	- : -	- : -	3 : 0.08
Leprosy	- : -	3 : 0.37	- : -	- : -	3 : 0.16	3 : 0.08
Smallpox	- : -	1 : 0.12	- : -	1 : 0.11	2 : 0.11	2 : 0.05

(2) INFECTIOUS DISEASE

There were 359 notifications of infectious disease, a sharp increase on the total of 228 recorded for the previous year. (See Page 8).

ISOLATION HOSPITAL (EUROPEAN INFECTIOUS DISEASE) (Page 47)

Altogether 318 patients were admitted during the year, 260 Borough and 58 Out-of-Borough. Figures for previous years were :-  
1936-37 : 183; 1937-38 : 215; 1938-39 : 216; 1939-40 : 307; 1940-41 : 405; 1941-42 : 259; 1942-1943 : 334.

Cases of Tuberculosis, Puerperal Sepsis and Typhoid Fever are provided for at Grey's Hospital - the Provincial General Hospital - and the King George V. Hospital for Tuberculosis, in Durban. Europeans needing hospitalisation for Venereal Disease are sent by arrangement to Addington Hospital, Durban.

NON-EUROPEAN INFECTIOUS DISEASE HOSPITAL (Page 48)

Admissions totalled 344, 155 Borough, and 189 Out-of-Borough Cases, as compared with last year's total of 252.

AMBULANCE.

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

- (1) Total number of cases removed : 3,599
- (2) Infectious Cases Removed : 1,348

LABORATORY WORK:

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

Swabs for Diphtheria Bacilli .....	370
Swabs for Haemolytic Streptococci .....	201
Smears for Gonococcus, Vincents, B. Leprae, etc., .....	64
Blood (Total and Differential Counts, Malaria, etc.) ..	6
Spinal Fluids .....	7
Stools .....	76
Urines (Chemical, microscopic, B. Typhosus, etc.) .....	56
Sputum (Tuberculosis, Fungus) .....	2
Pleural Fluid, Pus, Gastric Washings, tissue sections, etc...	4
Milks for Bacterial Count .....	85
Total :	<u>871</u>

Work done in Departmental Laboratory :-

- Mosquito larvae examined : 4,150
- Mosquito adults examined : 30

(2) Infectious Disease continued.NOTIFIABLE INFECTIOUS DISEASE(a) ANTHRAX. No cases notified.(b) SMALLPOX. 1 Native and 1 Asiatic case were notified.

In January, 1944, 4 Natives suffering from Smallpox were admitted to the Epidemic Hospital from Bishopstowe, a rural area on the boundary of Pietermaritzburg. An illustration of the close contact between the City and the surrounding areas, in respect of Infectious Disease, is seen in the fact that one of the cases arrived at the crowded Outpatient Department of Grey's Hospital, and was diagnosed as a case of Smallpox there, while three of the cases admitted came from a farm, which was supplying milk into the City.

In February, a further case was admitted from Bishopstowe, but on investigation it seemed probable that he was cross-infected while a patient in the adjacent Epidemic (Venereal Diseases) Hospital.

All these cases were of the mild variety of Smallpox known as "Amaas".

Three months later, however, cases of Smallpox of the classical virulent type began to come into Pietermaritzburg from the surrounding Native Areas. Between the 30th of May and 30th June, 1944 (the closing date of the period covered by this report) 11 cases were admitted from outside of the City. These cases came into Pietermaritzburg by bus, by train, in rickshas, in taxis, and on foot, sought medical treatment and were nearly all discovered eventually in the crowded Outpatient Department of Grey's Hospital. One went from one Native Quarters to another in Pietermaritzburg for days before the disease was ultimately diagnosed.

It was clear that uncontrolled infection was being brought into the City and that cases would eventually occur in the City. In June, one Asiatic female (adult) case of Smallpox occurred in the City, the source of infection not being discovered. A native adult male employed in Pietermaritzburg, who had been visiting a home in the native reserve where cases of Smallpox were discovered, also developed the disease.

It was clear that there was an extensive outbreak of Smallpox in the surrounding native locations and that it was impossible to prevent the introduction of infection into the City.

An urgent appeal was made to the public and a mass Vaccination Campaign was immediately embarked upon. By the 30th June, 1944, the total of Vaccinations done by this Department (exclusive of vaccinations by private medical practitioners) was as follows :-

Eur: 6,846    Nat: 13,750    Col: 1,422    As: 2,926    Tot: 24,944  
Vaccination of Native Males at the Pass Office was increased considerably (See

Following the refusal by the Union Health Department of consent to the provision of special accommodation for Smallpox referred to in last year's Annual Report, application was renewed at the beginning of the year for a modified scheme of adaptation of the Epidemic (Venereal Diseases) Hospital to make it suitable for reception of Smallpox cases. This was eventually accepted by the Union Health Department, but as the hospital was being fully utilised for Smallpox cases before the decision could be given effect to, it was considered better to manage with the make-shift accommodation available than to commence building construction and introduce a considerable number of workmen into the section occupied by the Smallpox cases.

/ The .....

(b) SMALLPOX Continued.

The cross-infection mentioned earlier under this heading was due to the inadequate nature of the accommodation available.

(c) DIPHTHERIA.

The total number of cases notified was 76 as compared with 39 for last year. 1 European, 2 Native and 1 Asiatic deaths occurred from this disease. Immunisation, particularly of pre-school children, was continued throughout the year, a total of 496 children having completed the immunising course at the Infant Clinics (447 of these being European as compared with last year's total of 450. Until about three quarters of the child population of Pietermaritzburg is immunised (a goal we are still far from attaining) there is not likely to be any sensational decrease in the incidence of this disease. So far no case of Diphtheria has occurred in any child in Pietermaritzburg who has completed the immunisation course.

(d) SCARLET FEVER.

153 Cases were notified as compared with 58 last year, almost a threefold increase.

The epidemic was of a very mild character with practically no serious complications and with no deaths. The mildness of the individual cases was probably the chief cause of the extensive spread of the disease. In some cases the rash was so atypical that though seen by medical practitioners the condition was not diagnosed until subsequent peeling ensued. No quarantine restrictions or school exclusion was therefore imposed in such cases. In other mild cases doctors were not consulted and parents continued to send children to school after a day or two at home, the disease being only noted when medical advice was sought for some other condition. e.g. one child admitted to Isolation Hospital for Diphtheria was found to be peeling, and on questioning the parent admitted that the child had been ill some while previously and had had some 'redness' of the body, but was able to return to school after a few days. There must have been a considerable number of 'missed cases' which were never notified.

Analysis of the ages of the cases notified showed the following :-

0 - 5	16
5 - 10	64
10 - 15	52
15 - 20	8
20 - 30	4
30 - 40	7
40 & over	4

Of the 153 cases, 126 were school-going children and 4 were school teachers.

Another interesting fact noted in this Outbreak was the unusually high number of secondary cases of the disease noted in private households i.e. where the case could be traced to a definite known case of Scarlet Fever in the same family. Twelve (12) such cases were noted. There were 5 secondary cases occurring within the first week of notification of the first case. While it is not possible to say that removal to hospital of the primary case might have saved the secondary cases, it is interesting to note that all these 5 primary cases were isolated at home. 3 secondary cases occurred following the lapse of the incubation period from the date the primary case became ill, but within the infective period of the disease, i.e. indicating a failure of isolation at home. Of the total 153 cases, 87 were removed to hospital, 66 were isolated at home.

In addition there were 4 'return' cases i.e. secondary cases occurring after the primary case had completed the normal quarantine / period .....

(d) SCARLET FEVER Continued.

period of the disease. In 2 of these the primary case had been removed to hospital, in 2 the primary case had been isolated at home. As laboratory typing facilities are not available in Pietermaritzburg, it was not possible to definitely establish that the 'return' cases were infected by the patients discharged from hospital or quarantine and not by the general population.

(e) CEREBRO-SPINAL MENINGITIS.

4 European, 1 Coloured and 2 Native cases were notified, as compared with 4 cases notified during the previous year.

(f) ANTERIOR POLIOMYELITIS.

3 European cases were notified; as compared with 5 the previous year.

(h) TYPHUS FEVER.

4 cases were notified, which clinically and serologically appeared to be cases of Murine Typhus Fever.

(i) ENTERIC FEVER.

27 cases were notified, 5 Europeans and 22 Non-Europeans, an increase on last year's total of 19.

In 7 Non-European cases bacteriological or Post Mortem confirmation of the diagnosis was not obtained. In 1 Non-European case the infection was probably contracted outside of the Borough. In one Native notified as a carrier as a result of the Vi Test, the carrier condition could not be confirmed on further investigation.

Immunisation was performed in 61 cases, 19 European, 17 Native, and 25 Asiatic. The method employed was 2 injections of Endotoxoid (S.A.I.M.R.).

(j) PUERPERAL SEPSIS.

The same total was recorded as for last year, viz. 15 cases notified (5 European and 10 Non-European). 12 of these patients were delivered in Hospital or Nursing Home and 3 in their homes. In the first (Hospital) group complications were present in 7 cases (Manual interference (2 cases) Macerated Foetus, Haemorrhage, Forceps (3 cases in the second (Home) group, one case followed abortion, one case was unattended, and the third was confined by an untrained and unlisted midwife against whom legal proceedings were subsequently instituted.

The method of Terminal disinfection for Infectious Disease usually employed, viz. the use of a Formalin spray, has been discontinued owing to the impossibility of obtaining Formalin under present conditions. Householders are asked to practise simple cleansing, to leave the room vacant for 24 hours, and to sun and air mattresses, blankets, etc. No single case of infection that can be ascribed to the cessation of Formalin disinfection has come to the notice of this Department.

(3) TUBERCULOSIS. (Pages 31 - 32)

Notifications of Pulmonary Tuberculosis totalled 55, a drop on last year's total of 66, 5 of these being Europeans. Notifications of non-Pulmonary Tuberculosis totalled 8 (1 European) as compared with the previous year's total of 10.

28 Borough cases (19 Natives, 1 Coloured & 8 Asiatic) were admitted to the Tuberculosis block (24 beds) of the Non-European Infectious Diseases Hospital, (8 of these being transferred from Grey's Hospital).

/ During .....

(3) TUBERCULOSIS. Continued.

During the year 20 Borough cases were admitted to Grey's Hospital (4 European, 10 Native, 1 Coloured and 5 Asiatic). 8 cases were admitted direct from the Clinic to hospital. 5 cases were sent to the King George V Hospital for Tuberculosis, in Durban, (All European) (2 being transferred from Grey's Hospital) while one case is awaiting admission.

The scheme of subsidising rentals in Tubercular families at the Native Village, where a larger house was necessary to ensure the isolation of the infectious case in the home, continued during the year, and 4 families have been assisted in this way. Close control by the Native Health Assistant is maintained to ensure that isolation is observed.

The Natal Anti-Tuberculosis Association made grants to 10 families in Pietermaritzburg (2 Coloured, 4 Asiatic and 4 Native), 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 - 1944 :-

PULMONARY TUBERCULOSIS

	N O T I F I C A T I O N S					D E A T H S				
	Eur:	Nat:	Col:	As:	All Non-Eur:	Eur:	Nat:	Col:	As:	All Non-Eur:
1934-35	7	35	12	31	78	4	25	7	8	40
1935-36	17	38	15	32	85	2	14	3	12	29
1936-37	8	40	8	20	68	4	18	7	17	42
1937-38	17	40	15	14	69	7	29	7	7	43
1938-39	15	40	15	10	65	5	19	6	8	33
1939-40	7	23	7	17	47	4	15	7	9	31
1940-41	7	13	11	7	31	3	19	1	6	29
1941-42	8	22	6	18	46	5	9	1	15	25
1942-43	8	29	2	27	58	5	13	2	16	31
1943-44	5	23	3	24	50	3	14	4	14	32

NON-PULMONARY TUBERCULOSIS

	N O T I F I C A T I O N S					D E A T H S				
	Eur:	Nat:	Col:	As:	All Non-Eur:	Eur:	Nat:	Col:	As:	All Non-Eur:
1934-35	1	4	0	3	7	2	6	0	1	7
1935-36	3	3	1	6	10	1	2	0	2	4
1936-37	2	8	0	5	13	1	4	0	3	7
1937-38	5	10	3	6	19	3	1	2	3	6
1938-39	1	3	0	3	6	0	2	0	2	4
1939-40	2	3	1	3	7	1	2	1	0	3
1940-41	3	2	0	3	5	2	1	0	0	1
1941-42	2	7	2	7	16	1	3	1	3	7
1942-43	1	3	4	2	9	1	1	1	3	5
1943-44	1	4	0	3	7	0	5	1	3	9

The Tuberculosis Clinic (Page 37 )

The routine clinical and x-ray examination of all contacts of every case of Tuberculosis notified is one of the most important functions of the Clinic, and is aimed at detecting early cases and so preventing the development and spread of the disease. During the year there were 974 attendances at the clinic while 1573 visits were made to tuberculous and contacts in their homes.

(4) VENEREAL DISEASE. (Pages 38 - 46 )

(a) Clinics for Europeans, separate for males and females, are held once weekly at Grey's Hospital.

/ (b) .....

(4) VENEREAL DISEASE. Continued.

(b) One combined Clinic session is held weekly for Asiatic and Coloured females, and a separate weekly session is held for Native females. A combined Clinic session is held once weekly for all Non-European males.

(c) The Medical Officer of Health and the Assistant Medical Officer of Health conduct these Clinics. 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. Two of the Native Health Assistants devote their full time to Venereal Diseases. The European Male Nurse, one 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 to follow-up cases to ensure completion of treatment. A European Health Visitor was appointed during the year to deal with the investigation and follow-up of European, Coloured and Asiatic cases. (See last year's report)

This appointment has proved entirely successful, and it was found that excellent co-operation could be obtained from Asiatic and Coloured females. Regular attendants increased rapidly in number and it was found necessary to start a separate Clinic session for Coloured and Asiatic females.

It was also found that the European, Asiatic and Coloured Male patients very readily co-operated and responded by increased regularity in Clinic Attendances and in providing information as to sources of infection and contacts.

(e) This Local Authority does not conduct the Ante-Natal Clinics held in Pietermaritzburg. The Medical Superintendent advises that in 18% of the Non-Europeans attending Ante-Natal Clinics at Grey's Hospital, the W.R. was found to be positive (1939). In the period June 1941 - May 1942, the percentage was 15.46%, and in the period June 1942 - May 1943 it was 15.14%.

(f) The average 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
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

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 big increase in Clinic Attendances has been recorded, there being 18,034 attendances during the year as compared with last year's total of 14,049. 2821 home visits were paid to cases of venereal disease, as compared with last year's total of 1,930. The regular attendance of many of the patients, extending in many cases through 5 and 6 courses of treatment, is largely due to this follow-up work.

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

Admissions to this Hospital totalled 1,539, as compared with 1505 last year.

The number of Syphilitic cases re-admitted for relapse, who came in from the country districts and stated that they had been unable to continue with regular treatment, although they had been taught the necessity for this at the Epidemic Hospital, because, though they have applied for further treatment, they have not been able to afford the cost of such further treatment, is still disturbingly large. There is urgent need to provide for free continuation treatment in the country districts in order to prevent relapse into an infectious condition again. Rapid intensive treatment has not yet been .....

(4) VENEREAL DISEASE. Continued.

been tried out in Pietermaritzburg.

(5) PLAGUE.

No case of plague occurred in this locality 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 very carefully by this Department. Some progress has also been made in the rodent-proofing of existing premises.

(6) OTHER COMMUNICABLE DISEASES:

- (I) MALARIA. Control by spotting of larvae and oiling of selected areas 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.

The supervision of Trees planted in swampy areas was continued. Drainage work has been carried out in certain areas, subsoil drains being laid wherever possible.

No check spraying was carried out this season.

- (II) ENTERITIS in children under the age of two years accounted for 29 deaths, 3 European, 13 Native, 1 Coloured and 12 Indian, a small increase on last year's total of 23.

- (III) MEASLES. There was a moderate prevalence of Measles in Pietermaritzburg during the year. 58 cases were treated in the Isolation Hospital, 12 coming from Out-of-Borough. 109 cases were admitted to the Non-European Infectious Diseases Hospital, 57 being from Out-of-Borough. 1 Asiatic death was reported from this disease. (See table on Page 47)

- (IV) GERMAN MEASLES. This disease was only slightly prevalent this year and was as usual mild and uncomplicated.

- (V) WHOOPING COUGH. This disease was moderately prevalent during the year. 1 European and 1 Asiatic deaths were reported from this disease.

(7) WATER SUPPLY. (See page 50)

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-ferric before filtration. After filtration the water is chlorinated 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, and the results have been satisfactory. The use of Chloramine for water purification was not resumed because it was not possible to obtain supplies of Ammonium Sulphate. All employees at the Purification Works have been Vi tested and all positives have been excluded.

8) NIGHTSOIL AND REFUSE 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 sewage, although the conservancy system is still in use in certain outlying parts. Disposal is on the sewage farm about 3 miles from the centre of the town where broad irrigation is carried out and the screenings and nightsoil  
/are .....

(8) NIGHTSOIL AND REFUSE DISPOSAL. Continued.

are trenched.

(9) MEAT SUPPLIES (Pages 53 - 54)

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. 58 inspections of butchers' shops were made. A list of meat, fish and fowl condemned after inspection is shown on pages 51 - 52.

There were 21 applications for Butchers' licences, 14 were approved without comment and 7 were approved after certain requirements had been carried out.

The Abattoir Manager reports that during the year 54,285 animals were slaughtered, i.e. a considerable drop on last year's record total of 91,089. This was due to lessened requirements for the Military and Hospitals in Pietermaritzburg, etc., and the introduction by the Government of a meatless day, rationing of slaughtering and price control. For details see pages 51 - 52.

The introduction of the Meat Marketing Scheme has brought difficulties in respect of the accommodation of a number of Government Offices and Agents.

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

CYSTICERCUS BOVIS & CELLULOSAE ("MEASLES")

The following table shows the number of carcasses infected with "Measles" during the past 5 years :-

	CATTLE			CALVES			PIGS.		
	Slaught- tered	% In- fected	% Con- demned	Slaught- tered	% Con- demned		Slaught- tered	% Con- demned	
1939-40	8,543	6.55	0.94	893	3.47		1,859	2.0	
1940-41	9,874	7.06	1.01	827	3.86		1,948	0.1	
1941-42	10,843	5.88	0.91	832	4.92		2,514	1.1	
1942-43	15,500	7.46	0.95	701	5.56		2,673	1.1	
1943-44	10,319	9.96	1.38	818	5.86		2,698	0.1	

All condemned meat and offal is transported in drums to a privately owned By-Products Plant at Bisley, just outside of Pietermaritzburg.

This year's high percentage of cattle infected with "Measles" is probably due to cattle being drawn (owing to the scarcity of stock) from "Black Areas" (areas highly infected with 'measles') which in normal times would have been avoided by local butchers. A quantity of meat found at a local cafe had been brought into the City from an unauthorised and uninspected source outside of the City, and on examination some of the meat was found to be 'measly'. A successful prosecution was initiated in this case.

(10) MILK SUPPLIES

I The milk supply has been carefully controlled throughout the year. It is derived from 50 producer-distributors, of whom 35 are in the Borough, and 15 Outside the Borough. In addition to these there are producers, 9 Borough and 59 Outside Borough, who send their milk to pasteurization plant from where it is distributed after pasteurization. All these dairymen are registered with this department and their premises are inspected regularly.

Vi testing was carried out in one Dairy where a case of Typhoid Fever had occurred on the farm.

/ OTHER FOOD SUPPLIES .....

(11) OTHER FOOD SUPPLIES. (Page 50)

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 51-52). 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 55. Careful attention is paid to storage conditions, particularly to rodent-proofing, and there is a gradual improvement in this connection. 298 inspections of the Borough Market and 379 inspections of other premises manufacturing or handling food were made (Page 56)

Food and Drugs Act.

Under the Food, Drugs and Disinfectants Act 19, samples were taken and the results of the analyses were as follows :-

Milk : Total Number of Samples = 6

In accordance with requirements : 2  
Deficient in Solid-not-fat : 4  
(1) 8% - 8.5% = 3  
(2) Below 8% = 1

Mince Meat: 10 samples; 9 in accordance with requirements, 1 contained Preservative.

Sausage : 3 " ; all " " " " " " " " " " " "

Prosecutions were instituted in regard to the milk sample which was certified by the Government Analyst to be adulterated, and the sample of mince meat containing preservative. In respect of samples showing between 8% and 8.5% Solids-not-fat, a letter was written to the dairyman in each case asking him to take steps to improve his milk in this respect.

(12) MATERNITY AND CHILD WELFARE. (Page 49)

The European Infantile Mortality Rate dropped from last year's figure of 35.16 to 29.09.

The Coloured Infantile Mortality Rate rose from 106.39 to 134.63.

The Indian Rate rose from 68.0 to 74.14.

The Native Infantile Mortality Rate was 164.23. As far as it is possible to ascertain the registration of Native births in Pietermaritzburg is fairly complete now, and the figures obtained should be fairly reliable. This rate is a little higher than last year's rate of 146.44.

The main causes and age groupings of infantile mortality in the different races are shown on pages 29 - 30.

Gastro-enteritis, for the second time since 1935, dropped to 2nd place as a cause of Non-European Infantile Mortality. The disease is controlled by imparting to mothers the knowledge which will ensure that babies are properly fed and cared for, through the medium of the Infant Clinic sessions and, most important of all, by personal and individual instruction in the home by the Health Visitor. Prematurity was the chief single cause of Infantile Mortality for all races (37½% of European Infantile deaths, 22% of Non-European deaths)

Lung diseases have been the cause of 23% of the Non-European Infantile Mortality, and 19% of the European Infantile deaths. Malnutrition was certified as the cause of death in 5 Native infants (11% of Native Infantile Mortality). During the year this Department took over from the Child Welfare Society the supplying of milk to necessitous infants between the ages of 1 and 2, in addition to its function of supplying milk to infants up to the age of 1 year. This has resulted in doubling .....

(12) MATERNITY AND CHILD WELFARE. Continued.

doubling the amount of milk formerly distributed at the Infant Welfare Clinics. (See page 49)

Diphtheria immunisation was continued throughout the year as one of the activities of the Infant Welfare Clinics, a total of 496 children being immunised (European: 447; Coloured: 16; Native 33)

Child Welfare Clinic attendances were as follows :-

	<u>European</u>	<u>Native</u>	<u>Coloured</u>	<u>Indian</u>
1943-1944	5,830	3,504	1,245	3,469

During the year a Clinic Clerk was appointed in order to allow the Health Visitors more time for field work.

Maternal Mortality.

The only deaths recorded were from Abortion, 1 European and 1 Native.

The registration and supervision of all midwives practising in the Borough has continued throughout the year. 4 inspections of Midwives' Bags have been made.

The Midwifery Training School at Grey's Hospital provides midwifery services both in the wards and in the district, and in addition provides Ante-Natal Clinic services for all races.

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

Borough Cases : (From 1st July, 1943 to 30th June, 1944 :-

<u>Ante-Natal Clinic Attendances.</u>		<u>District Midwifery Visits.</u>
Europeans:	321	Europeans: 673
Natives :	604	
Coloureds:	234	Coloureds: 366
Asiatics :	471	Asiatic : 3,643

The Municipal Native Midwife conducted 4 confinements and paid 12 confinement visits during the year.

Pietermaritzburg is a "Prescribed Area" under Section 39(b) of the Medical, Dental & 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 16 confinements in the year.

(13) BY-LAW NOTICES AND PROSECUTIONS. (Pages 56-58)

849 Notices and formal letters were served regarding breaches of the Borough By-Laws. 44 Prosecutions were initiated in the Magistrate's Court, as detailed on page 58.

(14) OTHER MATTERS OF HEALTH AND SANITATION.

Nursing Homes. The 3 nursing homes in the Borough have been inspected during the year.

Complaints from Burgesses. 168 complaints were received and attended during the year.

Medical Examination of Natives.

Number Examined	<u>Rejected</u> (All Causes)	<u>Rejected</u> (V.D.)	<u>Referred</u> T.E. Clinic	<u>Vaccinated.</u>
Male : 18,019	591 : 3.3%	93 : 0.5%	197 : 1.1%	
Female: 87	20 : 23%	8 : 9.2%		
Total : 18,106	611 : 3.4%	101 : 0.6%	197 : 1.1%	9,259

4) OTHER MATTERS OF HEALTH AND SANITATION. Continued.

... About 40% of the rejections were due to applicants being dirty.

The number of Native female domestic servants coming forward for examination is still very small. The large total of Native Vaccinations is due to the use of the Pass Office as a centre for Native Vaccination on a large scale during the year. The practice of revaccinating every person appearing at the Pass Office (instead of only the unvaccinated or inadequately vaccinated) was instituted.

Native Village Dispensary.

During the year this Dispensary, which is purely an Outpatient Department, was 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 visit is also utilised for the purpose of teaching simple health lessons, e.g. on the subject of cleanliness, nutrition, etc.,

Number of new Patients attending Dispensary :	498
Re-attendances at Dispensary .....	122
Home Visits .....	5,720
Surgical Dressings .....	6,162

State-Aided Butter Scheme.

During the year 8,857 lbs. of butter were distributed, 2,246 lbs. to Europeans, 6,611 lbs. to Coloureds.

Health Propaganda.

During the year the following addresses were given by your Medical Officer of Health :-

1. "The Law and Health" - A lecture to the Study Group of Senior Scholars of the Natal Schools.
2. "Diphtheria" - Part of a symposium on this subject to the Natal Inland Branch of the S.A. Medical Association.
3. Addresses to the Annual General Meetings of
  - (a) The Red Cross Society.
  - (b) The Child Welfare Society.

The following addresses were given by your Assistant Medical Officer of Health :-

1. "Psychological problems in Childhood" - address given to the S.A. Trained Nurses' Association.
2. "Diphtheria" - Part of a symposium on this subject to the Natal Inland Branch of the S.A. Medical Association.
3. "Positive Health in Children" - address to Mothers of Wykeham Nursery School.

In addition your Medical Officer of Health conducted a Course of lectures on "Hygiene and Health" to the St. John Ambulance Association.

During the year a large number of Venereal Disease Posters were distributed to employers of native labour.

5) STAFF.

The staff of the Department at the end of June, 1944, was as follows :-

/ ADMINISTRATIVE AND OFFICE .....

(15) STAFF Continued.ADMINISTRATIVE AND OFFICE

Medical Officer of Health : M. Maister, B.A., M.B., Ch.B. D.P.H.  
 Asst. Medical Officer of Health : L.E. Gellman, M.B., Ch.B., D.P.H.,  
 D.T.M. & H.  
 Chief Clerk : E. Bastow (Recalled from Active Service).  
 Junior Clerk : D.C. Johnston (Released from Active Service)  
 Senior Woman Clerical Assistant : Miss E. M. Hughes.  
 Temporary Junior Clerk.  
 Temporary Junior Women Clerical Assistants (2).  
 One Native Messenger.

INSPECTORATE.

Chief Health Inspector : J. G. Bigley, Cert. R.S.I.  
 Health Inspector (Dairy): C.F. Wyatt, Cert. R.S.I. Meat & Other  
 Foods Cert. R.S.I. (Recalled from Active  
 Service)  
 Health Inspector : R.E. Bunn, Cert. R.S.I.  
 Health Inspector : Mrs. E.A. Thompson, Cert. R.S.I.  
 Rodent & Fumigation Officer : K. B. Rasmussen. (On Active Service).  
 Temporary Rodent and Fumigation Officer.  
 One Indian Fumigation Assistant.

HEALTH VISITING STAFF.

Senior Health Visitor : Miss E. M. McDougall, Health Visitors'  
 Cert. (Scotland); Health Visitors'  
 Cert. R.S.I., Mothercraft Certificate  
 (New Zealand)  
 Health Visitors : Miss G. Buttery, Health Visitors'  
 Cert. R.S.I.  
 : Mrs. Robertson (née Hölder), Health  
 Visitors' Cert. R.S.I.  
 : Mrs. M.E. Britz, S.R.N., C.M.B., General  
 T.B. Cert. (Brompton).  
 Clinic Clerk : Miss J. V. Pope-Ellis.

NATIVE NURSING AND HEALTH ASSISTANT STAFF.

Native Nurse and Midwife : Nurse Keziah Mbanjwa.  
 Native Nurse (Native Village Dispensary) : Nurse Sophia Masongoa.  
 Health Visitors' Cert. R.S.I.  
 Native Health Assistants : A. Ntombela, G. Skosana and T. Ngubane.

ISOLATION HOSPITAL.

Acting Matron : R. M. Wickenden.  
 Special Sisters  
 Temporary Sister  
 1 Housekeeper.  
 6 Native domestic servants  
 1 Native Night Watchman.

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

Matron : C. Searle  
 1 Housekeeper.  
 Native Staff Nurses : 8.  
 Native Domestic Staff : 13.

EPIDEMIC HOSPITAL.

Officer-in-Charge : J. A. Kedian (On Active Service)  
 / 2 Native Nurses .....

(15) STAFF. Continued.EPIDEMIC HOSPITAL.

2 Native Nurses.  
 3 Native Orderlies.  
 1 Native Cook.  
 1 Native Night Watchman.  
 Temporary Officer-in-Charge.  
 Temporary Housekeeper.

ABATTOIR.

Manager : G. B. Lupton, Cert. R.S.I., Meat & Other Foods  
 Cert. R.S.I.  
 Meat Inspector: C. W. Reid, Cert. R.S.I., Meat & Other Foods  
 Cert. R.S.I., (Recalled from Active Service)  
 Stockyard Foreman: G.A. McIntosh, Cert. R.S.I., Meat & Other Foods  
 Cert. R.S.I. (On Active Service).  
 1 Temporary Meat Inspector : H. Dreyer. Cert. R.S.I. Meat & Other Foods  
 Cert. R.S.I.  
 Temporary Stockyard Foreman.

16) PERI-URBAN AREAS.

The Local Health Commission's efforts in the Edendale Area are steadily expanding. The Commission has also taken over the Malaria Control of the other peri-urban areas surrounding Pietermaritzburg.

REPORT B.(1) HOUSING.

Owing to shortage of staff no re-survey of housing needs in Pietermaritzburg has been made.

As far as Natives are concerned much has been and is being accomplished. Only a very small proportion of the necessary Asiatic Housing has been provided, and so far no sub-economic housing for the European and Coloured population has been provided. The Council European Economic Housing Scheme of 50 houses in the "Gardens" suburb was completed 3 years ago and is continually fully occupied.

Powers under the Borough By-Laws have been exercised very sparingly in dealing with insanitary dwellings owing to present conditions. 13 dwellings were condemned for demolition under Public Health By-Law 19(b) and 1 dwelling was voluntarily demolished following representations by this Department.

Plans.

All plans of new buildings are submitted to this Department and 280 have been scrutinised. Of these 111 were approved out-right, 149 approved subject to minor alterations and 20 disapproved.

The City Engineer reports that during the year 28 dwellings were erected for Europeans and 5 for Non-Europeans, as compared with last year's total of 22.

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

The Pietermaritzburg Native Village, situated about 3 miles from the Centre of the Town, comprises 354 houses and various public buildings, with a population of about 1,700. Water is supplied by communal standpipes from the Corporation water supply, and sanitation is by the pail system.

/ There .....

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

There are three Corporation hostels for single Natives. For Males there is the East Street Hostel (and annexes) housing 399 Natives, and the Ortman Road Hostel with a capacity of 127. The Women's Hostel in Church Street houses 174 women. These hostels are under the control of the Municipal Native Administration Department and two European Superintendents are employed. Extensions to the Men's and Women's Hostels have been under consideration during the year. 129 temporary licenses have been granted during the year to house unexempted Natives under the Natives (Urban Areas) Act, pending the provision of more accommodation at the Village and Hostels.

About two-thirds of the Natives resident in the town are domestic servants, living in quarters provided on the property of their employer. These quarters are the subject of routine inspections 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 32 and 27 Indian labourers, together with their wives and families.

The 50 sub-economic Indian houses completed at the beginning of 1943 have been occupied continuously.

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

A re-survey of the European and Coloured housing position was carried out 4 years ago and resulted in the following findings : -

	<u>European</u>	<u>Coloured</u>
Premises requiring Demolition :	7	37
Premises requiring Partial	35	5
Demolition and major reconstruction		

Following upon Council's application, Loans were authorised in 1943 by the Central Housing Board for limited sub-economic Housing Schemes, and the City Council decided to proceed with schemes along the following lines :-

- (1) Provision of 12 European sub-economic cottages.  
The plans for these houses were drawn up, but the Council has not yet decided upon a site.
- (2) Provision of 28 Coloured sub-economic cottages.  
This scheme is now awaiting consultation with the Coloured Community as regards acceptability of the site chosen.
- (3) Provision of 50 Asiatic sub-economic homes; the question of a large flat block was considered in this connection.

The proposal for a Flat Block Scheme for Asiatics was eventually abandoned and 50 houses were decided upon, the estimated need for sub-economic housing for Asiatics being 250. This scheme, too, is awaiting the settlement of areas for unrestricted sale before any decision can be made as to a site for the houses.

A further 24 sub-economic houses for European Railway employees are now being built by the Railway Administration on land set aside by Council for this purpose, in addition to the 9 houses built in 1941.

## DEATHS.

	European				Native				Coloured				Asiatic			
	Residents		N-R		Residents		N-R		Residents		N-R		Residents		N-R	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P
Infectious and Parasitic Diseases																
Typhoid Fever	0	0	0	1	2	0	2	19	0	0	0	0	0	0	0	1
Whooping Cough	1	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0
Diphtheria	1	0	1	1	2	0	2	8	0	0	0	0	1	0	1	0
Tetanus	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	0
Tuberculosis of :-																
Respiratory System	2	1	3	3	9	5	14	119	1	3	4	4	7	7	14	8
Central Nervous System.	0	0	0	0	1	0	1	0	0	1	1	0	0	1	1	0
Intestines & Peritoneum.	0	0	0	0	1	0	1	4	0	0	0	0	1	0	1	1
Vertebrae Column	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1
Lymphatic System	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	0
Other Organs	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
T.B. Acute Miliary.	0	0	0	0	2	1	3	8	0	0	0	1	0	0	0	0
T.B. Chronic Miliary.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Bacillary Dysentery.	0	0	0	2	1	0	1	21	1	0	1	0	1	0	1	4
Amoebic "	0	0	1	0	0	0	0	17	1	0	1	1	0	0	0	1
Other & unspecified forms of Dysentery.	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Syphilis :-																
Locomotor ataxia	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Genereal paralysis of the insane	0	0	0	3	0	0	0	12	0	0	0	0	0	0	0	1
Aneurysms of the Aorta.	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0
Congenital Syphilis	0	0	0	0	1	0	1	9	0	1	1	0	0	0	0	0
Other Forms	0	0	0	0	0	0	0	10	0	0	0	1	0	0	0	1
Relapsing Fever	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Influenza with Respiratory Complications	2	0	2	0	1	0	1	1	0	0	0	0	1	0	1	0
Influenza without Respiratory Complications	1	0	1	1	0	0	0	1	0	0	0	0	1	1	2	0
Smallpox	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	6	0	0	0	0	1	0	1	0
Acute Poliomyelitis & Polioencephalitis	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Louse-borne Typhus	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Hydatid disease	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Other Helminths	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Cycoses	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
: C/Forward.	9	1	10	14	22	6	28	253	4	5	9	8	14	10	24	18

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

## DEATHS. Continued.

	European				Native				Coloured				Asia	
	Residents		N-R		Residents		N-R		Residents		N-R		Resident	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F
Total B/Forward	9	1	10	14	22	6	28	253	4	5	9	8	14	10
(2) <u>Cancer and Other Tumours</u>														
100. Buccal Cavity	1	0	1	1	0	0	0	1	0	0	0	0	0	0
101. Oesophagus	1	1	2	1	0	0	0	2	0	0	0	0	0	0
102. Stomach & duodenum	4	7	11	4	0	0	0	1	0	0	0	0	0	0
103. Rectum	1	5	6	0	0	0	0	0	0	0	0	0	0	0
104. Liver	1	1	2	2	0	0	0	11	0	0	0	0	0	0
105. Pancreas	0	0	0	1	0	0	0	0	0	0	0	0	0	0
106. Other Digestive Organs (including peritoneum)	1	0	1	3	0	0	0	0	0	0	0	0	0	0
109. Lung	1	2	3	1	2	0	2	4	0	0	0	0	0	0
110. Uterus	0	2	2	1	0	0	0	1	0	0	0	1	0	0
111. Other female Genital Organs	0	1	1	0	0	0	0	1	0	0	0	0	0	0
112. Breast	0	6	6	4	0	0	0	0	0	0	0	0	0	0
115. Urinary Organs	0	1	1	1	0	0	0	1	0	0	0	0	0	0
116. Skin	0	0	0	0	0	0	0	2	0	0	0	0	0	0
117. Brain & Nervous System	0	1	1	0	0	0	0	0	0	0	0	0	0	0
118. Bones	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Tumours of undetermined nature.														
135. Brain & other parts of Nervous System	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL: Group 2	10	27	37	21	2	0	2	24	0	0	0	1	0	0
(3) <u>Rheumatism, Dis. of Nutrition etc.</u>														
152. Diabetes	1	1	2	3	0	0	0	0	0	0	0	0	0	1
157. Other Diseases of Thyroid glands	0	0	0	1	0	0	0	1	0	0	0	0	0	0
158. Diseases of Parathyroid glands	0	0	0	0	0	0	0	0	0	0	0	0	1	0
163. Malnutrition	0	1	1	2	4	5	9	53	1	1	2	0	1	0
167. Beri-Beri	0	0	0	0	0	0	0	2	0	0	0	0	0	0
168. Pellagra	0	0	0	0	0	0	0	1	0	0	0	0	0	0
TOTAL: Group 3	1	2	3	6	4	5	9	57	1	1	2	0	2	1
(4) <u>Diseases of the Blood</u>														
200. Primary Purpura	0	0	0	0	0	0	0	1	0	0	0	0	0	0
203. Pernicious Anaemia	0	1	1	0	0	0	0	0	0	0	0	0	0	0
205. Hypochromic Anaemia	1	0	1	0	0	0	0	0	0	0	0	0	0	0
206. Other & unspecified Anaemias	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207. Leukaemias - Leukaemic	0	0	0	1	0	0	0	1	0	0	0	0	0	0
209. Splenic Anaemia	0	0	0	0	0	0	0	0	0	1	1	0	0	0
TOTAL: Group 4	1	1	2	1	0	0	0	2	0	1	1	0	0	0
(5) <u>Chronic Poisoning &amp; Intoxication</u>														
258. Unspecified poisoning	0	0	0	0	0	0	0	1	0	0	0	0	0	0
TOTAL: Group 5	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Total C/Forward	21	31	52	42	23	11	39	337	5	7	12	9	16	11

## DEATHS. Continued.

	European				Native				Coloured				Asiatic			
	Residents		N-R		Residents		N-R		Residents		N-R		Residents		N-R	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P
B/Forward	21	31	52	42	23	11	39	337	5	7	12	9	16	11	27	20
<u>Diseases of the Nervous System</u>																
Intra-cranial abscess	0	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0
Other Forms	1	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0
Neumococcal Meningitis	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	2
Other forms of meningitis	1	0	1	1	0	0	0	4	0	0	0	1	1	1	2	0
Cerebral Haemorrhage	2	3	5	9	1	0	1	4	1	0	1	0	3	1	4	3
Cerebral embolism	2	4	6	0	0	0	0	0	0	0	0	0	3	3	6	0
Thrombosis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Emiplegia & other paralysis of un- dated origin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mental disorders	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Deficiency	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Epilepsy	1	0	1	4	0	1	1	7	0	0	0	0	0	1	1	2
Convulsions in children under five years of age	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0
Analysis agitante	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Dis. of the Nervous System	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Group 6	9	9	13	18	1	1	2	18	2	1	3	1	8	7	1	7
<u>Diseases of the Circulatory System</u>																
Acute endocarditis	1	1	2	1	0	0	0	5	1	0	1	0	0	0	0	0
Valvular disease - Rheumatic	1	0	1	4	1	1	2	7	0	1	1	0	1	0	1	0
Valvular Dis. Others	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute myocarditis	2	1	3	2	2	2	4	9	1	1	2	0	1	0	1	1
Chronic "	1	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0
Rheumatic	1	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0
Other chronic	16	22	38	21	7	3	10	31	1	0	1	4	7	4	11	8
Myocarditis	19	6	25	7	2	1	3	5	2	1	3	1	8	1	9	2
Dis. of the coron- ary arteries & angina pectoris	1	4	5	2	0	0	0	4	0	1	1	0	2	0	2	1
Aneurysm, except of heart & aorta	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Angrene (includ- ing cancrum oris)	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0
Other dis. of the arteries	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0
Diseases of the veins	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0
High blood Pressure	4	5	9	5	1	0	1	4	0	0	0	0	4	0	4	1
Other diseases of the circulatory system.	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Group 7	46	41	87	43	16	8	24	71	5	4	9	6	23	5	28	13
C/Forward	76	81	157	103	45	20	65	426	12	12	24	16	47	23	70	40

## DEATHS. Continued.

	European				Native				Coloured				Asiat	
	Residents		N-R		Residents		N-R		Residents		N-R		Resident	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F
Total B/Forward	76	81	157	103	45	20	65	426	12	12	24	16	47	23
(VIII) DISEASES OF THE RESPIRATORY SYSTEM.														
400. Dis. of the nasal fossae & annexa	0	0	0	0	0	0	0	0	0	0	0	0	0	1
401. Dis. of the larynx	0	0	0	0	0	0	0	1	0	0	0	0	0	0
402. Acute Bronchitis	0	0	0	0	0	0	0	4	0	0	0	0	0	2
403. Chronic Bronchitis	1	2	3	1	0	0	0	1	0	0	0	0	1	0
404. Broncho Pneumonia	5	3	8	6	7	10	17	47	3	1	4	2	2	4
405. Lobar Pneumonia	1	1	2	4	7	2	9	29	2	0	2	0	2	3
406. Pneumonia Unspecified	1	1	2	0	2	3	5	3	0	0	0	0	0	0
407. Empyema.	0	0	0	0	0	0	0	2	0	0	0	0	1	0
408. Other unspecified forms of pleurisy	1	0	1	0	1	1	2	0	0	0	0	0	0	0
409. Haemorrhagic infarction of the lungs	1	0	1	0	0	0	0	1	0	0	0	0	0	0
410. Chronic or unspecified congestion of the lungs	0	2	2	1	0	1	1	0	0	0	0	1	1	0
411. Asthma	0	1	1	3	0	0	0	1	0	0	0	0	3	2
412. Pulmonary emphysema	0	0	0	0	1	0	1	0	0	0	0	0	0	0
413. Miners' phthisis, without T.B.	0	0	0	2	0	0	0	0	0	0	0	0	0	0
414. Miners' phthisis, with T.B.	0	0	0	0	1	0	1	0	0	0	0	0	0	0
417. Abscess of Lung	0	1	1	0	0	0	0	2	0	0	0	0	1	0
418. Other dis. of the respiratory system not specified as occupational.	2	0	2	1	1	1	2	5	0	0	0	0	0	0
TOTAL; Group 8	12	11	23	18	20	18	38	96	5	1	6	3	11	12
(9) Diseases of the Digestive System														
455. Ulcers of Stomach	0	0	0	2	0	0	0	0	0	0	0	0	1	0
456. " of Duodenum	1	0	1	0	0	0	0	0	0	0	0	0	0	0
458. Diarrhoea & Enteritis (under 2 years)	2	1	3	1	7	6	13	75	0	1	1	3	8	4
459. Diarrhoea & Enteritis (over 2 years)	1	0	1	0	1	2	3	22	0	0	0	1	3	0
462. Hernia	0	1	1	0	0	0	0	2	0	0	0	0	0	0
463. Intestinal obstruction	2	0	2	3	0	0	0	8	0	0	0	0	0	1
465. Other dis. of Intestines	1	0	1	0	0	0	0	0	0	0	0	0	0	0
467. Cirrhosis of liver with/without alcoholism	0	1	1	1	0	0	0	2	0	0	0	0	0	0
469. Oth. Dis. of Liver	0	0	0	0	0	0	0	0	0	1	1	0	0	0
471. Cholecystitis without Biliary Calculi	0	0	0	0	0	1	1	0	0	0	0	0	1	0
472. Diseases of the Pancreas	0	1	1	0	0	0	0	1	0	0	0	0	0	0
473. Peritonitis without stated cause.	0	0	0	1	0	0	0	0	0	0	0	0	1	0
TOTAL: Group 9	7	4	11	8	8	9	17	110	0	2	2	4	14	5
Total c/Forward	95	96	191	129	73	47	129	632	17	15	32	23	72	40
(10) Diseases of the Urinary and Genital System														

## DEATHS. Continued.

	European				Native				Coloured				Asiatic				
	Residents		N-R		Residents		N-R		Residents		N-R		Residents		N-R		
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P	
B/Forward	95	96	191	129	73	47	120	63	2	17	15	32	23	72	40	112	52
Diseases of the Urinary Genital Systems																	
Acute nephritis	1	0	1	0	0	1	1	6	0	0	0	0	1	0	1	0	0
Chronic nephritis	1	1	2	3	1	0	1	10	1	1	2	0	1	1	2	0	0
Nephritis unspecified	0	0	0	2	0	2	2	2	1	0	1	0	0	1	1	0	0
Cystitis	3	0	3	0	0	1	1	1	0	1	1	0	0	0	0	0	0
Other dis. of Kidneys	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Other dis. of bladder	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Hypertrophy of Prostate	4	0	4	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Other dis. of Prostate	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Cancer of the Breast	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Group 10	9	1	10	6	1	4	5	24	3	2	5	0	2	2	4	0	0
Diseases of Pregnancy																	
Post abortive infection																	
Spontaneous, therapeutic or of unspecified origin	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0
Spontaneous, therapeutic or of unspecified origin	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Ectopic gestation	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Eclampsia of pregnancy	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Haematuria & nephritis of "	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
Acute yellow atrophy of Liver associated with pregnancy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Other dis. & accidents of pregnancy	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Other haemorrhages after birth	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
General or local puerperal infection	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0
Other Puerperal toxæmias	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Other accidents of child- birth.	0	0	0	0	0	0	0	4	0	0	0	0	0	2	2	0	0
Group 11	0	1	1	2	0	3	3	23	0	0	0	0	0	2	2	1	0
Diseases of the Skin and Cellular Tissue.																	
Furuncle, boils	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Cellulitis	1	1	2	1	0	0	0	2	0	0	0	0	0	0	0	0	0
Other dis. of the skin	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0
Group 12	1	1	2	2	0	1	1	3	0	0	0	0	0	0	0	0	0
Diseases of Bones																	
Osteomyelitis & periostitis	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Dis. of the Joints		0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Group 13	1	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Congenital Malformations																	
Congenital Malformation of heart	1	0	1	1	0	0	0	1	1	0	1	0	0	1	1	0	0
Congenital pyloric stenosis	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Other stated congenital malformations	1	0	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0
Group 14	2	0	2	2	0	0	0	3	2	0	2	0	0	1	1	0	0
Dis. Peculiar to the 1st yr. of Life.																	
Congenital debility	0	0	0	0	3	1	4	2	2	0	2	0	2	0	2	1	1
Immature Birth	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Death at birth - Intra-cranial hæm.	1	0	1	0	1	0	1	2	0	0	0	0	1	1	1	0	0
Asphyxia during or after birth	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Conjunctivitis of New Born	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jaundice neonatorum	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
Other Specified dis.	0	0	0	0	0	1	1	5	0	0	0	1	0	1	1	2	0
Group 15	2	5	7	5	10	5	15	52	5	2	7	3	11	5	16	6	6

## DEATHS. Continued.

	European				Native				Coloured				Asia	
	Residents		N-R		Residents		N-R		Residents		N-R		Residen	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F
Total B/Forward	110	104	214	146	84	60	144	740	27	19	46	26	85	50
(16) Senility														
800. Senility	3	8	11	16	1	0	1	11	0	0	0	0	7	3
TOTAL: Group 16	3	8	11	16	1	0	1	11	0	0	0	0	7	3
(17) Violent or Accidental Deaths.														
858. Firearms & explosives	1	0	1	1	0	0	0	1	0	0	0	0	0	0
868. Accidents on Railways	1	0	1	1	0	0	0	0	0	0	0	0	0	0
870. Collisions with trams														
trolley-buses.	0	0	0	0	0	0	0	1	0	0	0	0	0	0
871. Other accidents	3	0	3	0	0	0	0	2	0	0	0	1	0	0
882. Accidents from farm machinery-vehicles	0	0	0	0	0	0	0	1	0	0	0	0	0	0
889. Oth. acute accidental poisoning (not by gas)	0	0	0	0	1	0	1	0	0	0	0	0	0	0
890. Conflagration	0	0	0	0	0	0	0	1	0	0	0	0	0	0
891. Accidental burns	1	0	1	0	1	0	1	8	0	1	1	0	0	0
893. Accidental drowning	0	0	0	0	1	0	1	5	0	2	2	0	2	1
894. " injury by firearms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
895. Accidental injury by cutting or piercing instruments	0	0	0	0	0	0	0	1	0	0	0	0	0	0
896. Accidental injury by fall	0	0	0	0	0	0	0	2	0	0	0	0	0	0
899. Injury by animals	1	0	1	0	0	0	0	3	0	0	0	0	0	0
904. Oth. accidents due to electric currents	1	0	1	0	0	0	0	1	0	0	0	0	0	0
906. Anaesthetic accidents	1	0	1	0	0	0	0	1	0	0	0	0	0	1
908. Oth. & unspecified accidents	0	0	0	0	0	0	0	1	0	0	0	0	0	0
910. From wounds	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL: Group 17	9	0	9	3	3	0	3	28	0	3	3	10	2	2
(18) Ill-Defined Causes of Death.														
951. Ill-defined causes	1	2	3	3	3	0	3	16	0	0	0	1	0	0
952. Found dead, cause unknown	0	0	0	0	0	0	0	1	0	0	0	0	0	0
953. Other deaths from unknown or unspecified causes.	0	0	0	0	0	0	0	2	0	0	0	0	0	0
TOTAL: Group 18	1	2	3	3	3	0	3	19	0	0	0	1	0	0
TOTAL	123	114	237	168	91	60	151	798	27	22	49	28	94	55

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
Whooping Cough	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
T.B. of Central Nervous System	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
Congenital Syphilis	0	0	0	1	0	1	0	1	1	0	0	0	1	1	2
Influenza without respiratory complications specified	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Measles	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Malnutrition	0	0	0	3	2	5	0	0	0	0	0	0	3	2	5
Other forms of Meningitis	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Acute myocarditis	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
Diseases of the nasal fossae & annexa	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Acute bronchitis	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Broncho pneumonia	1	2	3	3	5	8	1	1	2	2	3	5	6	10	16
Lobar pneumonia	0	0	0	1	0	1	1	0	1	0	1	1	2	1	3
Pneumonia unspecified	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
Other dis. of the respiratory system not specified as occupational	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
Diarrhoea and enteritis	2	1	3	6	4	10	0	1	1	6	3	9	12	7	19
Pyelitis, pyelonephritis & pyelocystitis	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
Other dis. of the skin	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
Congenital malformation of the heart	1	0	1	0	0	0	1	0	1	0	1	1	1	1	2
Other stated congenital malformations	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Congenital debility	0	0	0	2	1	3	2	0	2	2	0	2	6	1	7
Premature birth	1	5	6	6	2	8	3	2	5	7	2	9	16	6	22
Intra-cranial or spinal haemorrhage due to injury at birth	1	0	1	1	0	1	0	0	0	1	2	3	2	2	4
Asphyxia during or after birth, atelectasis	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Infections of the new-born, non-syphilitic pemphigus	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Melaena neonatorum	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
Other specified diseases	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
Ill-defined causes	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	7	9	16	27	18	45	8	6	14	22	17	39	57	41	98

INFANTILE MORTALITYRESIDENTS

	European	Native	Coloured	Asiatic	All Non-E
	M: F: P	M: F: P	M: F: P	M: F: P	M: F: P
During 1st Week	2: 5: 7	5: 2: 7	3: 2: 5	7: 5: 12	15: 10: 25
1st Week - 3 Weeks	1: 0: 1	4: 5: 9	0: 1: 1	5: 2: 7	8: 6: 14
1 month - 2 months	1: 0: 1	5: 4: 9	3: 0: 3	2: 3: 5	10: 8: 18
3 months - 5 months	1: 1: 2	6: 2: 8	1: 0: 1	1: 4: 5	9: 6: 15
6 months - 8 months	2: 3: 5	5: 4: 9	1: 1: 2	3: 0: 3	9: 5: 14
9 months - 11 months	0: 0: 0	2: 1: 3	0: 2: 2	4: 3: 7	6: 6: 12
TOTAL :	7: 9: 16	27: 18: 45	8: 6: 14	22: 17: 39	57: 41: 98

INFANTILE MORTALITY RATE  
( DEATHS PER 1000 BIRTHS )

	European	Native	Coloured	Asiatic
During 1st Week	7 : 12.7	7 : 25.5	5 : 18.1	12 : 22.8
1 week - 3 weeks	1 : 1.8	9 : 32.8	1 : 9.6	7 : 13.3
1 month - 2 months	1 : 1.8	9 : 32.8	3 : 28.8	5 : 9.5
3 months - 5 months	2 : 3.6	8 : 29.2	1 : 9.6	5 : 9.5
6 months - 8 months	5 : 9.1	9 : 32.8	2 : 19.2	3 : 5.7
9 months - 11 months	0 : 0.0	3 : 10.9	2 : 19.2	7 : 13.3
Infantile Mortality Rate	16 : 29.1	45 : 164.2	14 : 134.6	39 : 74.1

PERCENTAGE OF DEATHS AT ALL AGESOCCURRING IN THE FIRST YEAR OF LIFE

European	:	6.8
Native	:	29.8
Coloured	:	28.6
Asiatic	:	26.2
All Non-European	:	28.1
All Races	:	19.5

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

	European	Native	Coloured	Asiatic	All Non-
	No. : %	No. : %	No. : %	No. : %	No. :
Malnutrition	0 : 0.0	5 : 11.1	0 : 0.0	0 : 0.0	5 : 5
Gastro-Intestinal					
Infections	3 : 18.8	10 : 22.2	1 : 7.1	9 : 23.1	20 : 20
Bronchitis & Pneumonia	3 : 18.8	11 : 24.4	3 : 21.4	7 : 17.9	21 : 21
Malformations	2 : 12.5	0 : 0.0	1 : 7.1	1 : 2.6	2 : 2
Congenital Debility	0 : 0.0	3 : 6.7	2 : 14.3	2 : 5.1	7 : 7
Prematurity	6 : 37.5	8 : 17.8	5 : 35.7	9 : 23.1	22 : 22
Injury at Birth	1 : 6.2	1 : 2.2	0 : 0	4 : 10.3	5 : 5
Other Disease peculiar to Early Infancy	0 : 0.0	1 : 2.2	0 : 0.0	1 : 2.6	2 : 2
Syphilis	0 : 0.0	1 : 2.2	1 : 7.1	0 : 0.0	2 : 2
Other Causes	1 : 6.2	5 : 11.1	1 : 7.1	6 : 15.4	12 : 12
	16 : 100.0	45 : 100.0	14 : 100.0	39 : 100.0	98 : 100

PULMONARY TUBERCULOSIS.DEATHS IN MONTHS OF THE YEARRESIDENTS

	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	1 : 0 : 1	0 : 1 : 1	2 : 0 : 2	3 : 1 : 4
August	0 : 1 : 1	1 : 0 : 1	0 : 0 : 0	1 : 1 : 2	2 : 1 : 3
September	0 : 0 : 0	1 : 2 : 3	0 : 1 : 1	2 : 0 : 2	3 : 3 : 6
October	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1	0 : 0 : 0	1 : 0 : 1
November	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
December	0 : 0 : 0	1 : 1 : 2	0 : 0 : 0	0 : 3 : 3	1 : 4 : 5
January	1 : 0 : 1	1 : 0 : 1	0 : 1 : 1	0 : 0 : 0	1 : 1 : 2
February	0 : 0 : 0	1 : 0 : 1	0 : 0 : 0	0 : 1 : 1	1 : 1 : 2
March	0 : 0 : 0	0 : 1 : 1	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1
April	1 : 0 : 1	2 : 0 : 2	0 : 0 : 0	1 : 2 : 3	3 : 2 : 5
May	0 : 0 : 0	1 : 1 : 2	0 : 0 : 0	0 : 0 : 0	1 : 1 : 2
June	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1	1 : 0 : 1
TOTAL :	2 : 1 : 3	9 : 5 : 14	1 : 3 : 4	7 : 7 : 14	17 : 15 : 32

PULMONARY TUBERCULOSIS DEATH RATES PER 1000 POPULATION

European	: 0.14
Native	: 1.72
Coloured	: 2.61
Asiatic	: 1.50
All Non-European	: 1.68

ALL PERSONS : 0.88

DEATHS IN AGE GROUPS

	European	Native	Coloured	Asiatic	All Non-Eur.
	M : F : P	M : F : P	M : F : P	M : F : P	M : F : P
- 1 year	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
- 2 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1	1 : 0 : 1
- 4 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
- 14 years	0 : 0 : 0	1 : 1 : 2	0 : 0 : 0	0 : 0 : 0	1 : 1 : 2
- 24 years	0 : 0 : 0	1 : 1 : 2	0 : 1 : 1	2 : 3 : 5	3 : 5 : 8
- 34 years	0 : 0 : 0	1 : 2 : 3	0 : 0 : 0	2 : 4 : 6	3 : 6 : 9
- 44 years	0 : 0 : 0	1 : 1 : 2	1 : 1 : 2	1 : 0 : 1	3 : 2 : 5
- 54 years	1 : 0 : 1	4 : 0 : 4	0 : 0 : 0	0 : 0 : 0	4 : 0 : 4
- 64 years	0 : 0 : 0	1 : 0 : 1	0 : 1 : 1	0 : 0 : 0	1 : 1 : 2
- 74 years	1 : 1 : 2	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1	1 : 0 : 1
- and over	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
TOTAL :	2 : 1 : 3	9 : 5 : 14	1 : 3 : 4	7 : 7 : 14	17 : 15 : 32

NON-PULMONARY TUBERCULOSISDEATHS IN MONTHS OF THE YEAR.

## RESIDENTS

	European	Native	Coloured	Asiatic	All Non-E
	M : F : P	M : F : P	M : F : P	M : F : P	M : F : P
July	0 : 0 : 0	1 : 0 : 1	0 : 0 : 0	1 : 0 : 1	2 : 0 : 2
August	0 : 0 : 0	1 : 0 : 1	0 : 1 : 1	0 : 0 : 0	1 : 1 : 2
September	0 : 0 : 0	1 : 0 : 1	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1
October	0 : 0 : 0	1 : 0 : 1	0 : 0 : 0	0 : 1 : 1	1 : 1 : 2
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	1 : 0 : 1	1 : 0 : 1
April	0 : 0 : 0	0 : 1 : 1	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1
May	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
June	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
TOTAL :	0 : 0 : 0	4 : 1 : 5	0 : 1 : 1	2 : 1 : 3	6 : 3 : 9

DEATH RATES PER 1,000 POPULATION

European	:	0.00
Native	:	0.61
Coloured	:	0.65
Asiatic	:	0.32
All Non-European	:	0.47
ALL PERSONS	:	0.23

DEATHS IN AGE GROUPS

## RESIDENTS

	European	Native	Coloured	Asiatic	All Non-
	M : F : P	M : F : P	M : F : P	M : F : P	M : F :
0 - 1 year	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1	0 : 0 : 0	0 : 1 :
1 - 2 years	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 : 1 : 1	0 : 1 :
5 - 14 years	0 : 0 : 0	1 : 1 : 2	0 : 0 : 0	0 : 0 : 0	1 : 1 :
15 - 24 years	0 : 0 : 0	3 : 0 : 3	0 : 0 : 0	0 : 1 : 1	3 : 0 :
25 - 34 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 1 :
35 - 44 years	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 :
55 - 64 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1	1 : 0 :
65 - 74 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 :
75 and Over	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 :
TOTAL :	0 : 0 : 0	4 : 1 : 5	0 : 1 : 1	1 : 2 : 3	5 : 4 :

C A N C E RDEATHS IN AGE GROUPS

IDENTS

	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 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 years	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
54 years	0	4	4	1	0	1	0	0	0	0	0	0	1	0	1
64 years	4	5	9	1	0	1	0	0	0	0	0	0	1	0	1
74 years	2	9	11	0	0	0	0	0	0	0	0	0	0	0	0
and Over	3	8	11	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	10	27	37	2	0	2	0	0	0	0	0	0	2	0	2

DEATHS RATES PER 1000 POPULATION

European	:	1.77
Native	:	0.25
Coloured	:	0.00
Asiatic	:	0.00
All Non-European	:	0.11
All Persons	:	0.98

FORMS OF CANCER CAUSING DEATHSGIVEN IN AGE GROUPS

IDENTS 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 :-																
Buccal Cavity	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Oesophagus	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
Stomach & Duodenum	0	0	0	0	0	0	0	0	2	2	0	0	2	5	0	0
Rectum	0	0	0	0	1	0	0	0	0	1	0	0	0	4	0	0
Liver	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
Other digestive organs (including peritoneum)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Lung	0	0	0	0	0	0	0	0	1	0	2	0	0	2	0	0
Uterus	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Other female genital organs	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Breast	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0
Male and Female urinary organs	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Brain and other parts of the nervous system	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL :	0	0	0	0	1	1	0	0	4	9	2	0	5	17	0	0

DEATHS DUE TO BRONCHITIS AND PNEUMONIA

(Code Nos. 402 - 406)

RESIDENTS: (Given in Month 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	1 : 1 : 2	0 : 0 : 0	0 : 0 : 0	1 : 1 : 2	1 : 1 : 2
August	1 : 1 : 2	1 : 0 : 1	0 : 0 : 0	1 : 1 : 2	2 : 1 : 3
September	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1	0 : 0 : 0	1 : 0 : 1
October	2 : 0 : 2	1 : 3 : 4	2 : 0 : 2	0 : 0 : 0	3 : 3 : 6
November	1 : 1 : 2	2 : 0 : 2	0 : 0 : 0	0 : 0 : 0	2 : 0 : 2
December	2 : 0 : 2	1 : 1 : 2	1 : 0 : 1	0 : 0 : 0	2 : 1 : 3
January	0 : 1 : 1	3 : 5 : 8	0 : 0 : 0	0 : 3 : 3	3 : 8 : 11
February	0 : 0 : 0	1 : 0 : 1	1 : 0 : 1	2 : 0 : 2	4 : 0 : 4
March	0 : 1 : 1	0 : 1 : 1	0 : 0 : 0	0 : 1 : 1	0 : 2 : 2
April	0 : 1 : 1	2 : 1 : 3	0 : 1 : 1	0 : 3 : 3	2 : 5 : 7
May	1 : 0 : 1	3 : 2 : 5	0 : 0 : 0	0 : 0 : 0	3 : 2 : 5
June	0 : 1 : 1	2 : 2 : 4	0 : 0 : 0	1 : 0 : 1	3 : 2 : 5
TOTAL :	8 : 7 : 15	16 : 15 : 31	5 : 1 : 6	5 : 9 : 14	26 : 25 : 51

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	1 : 2 : 3	6 : 6 : 12	2 : 1 : 3	2 : 6 : 8	10 : 13 : 23
1 year	0 : 0 : 0	4 : 1 : 5	0 : 0 : 0	0 : 1 : 1	4 : 2 : 6
2 - 4 years	1 : 0 : 1	1 : 3 : 4	1 : 0 : 1	0 : 0 : 0	2 : 3 : 5
5 - 14 years	0 : 0 : 0	1 : 0 : 1	0 : 0 : 0	0 : 1 : 1	1 : 1 : 2
15 - 24 years	0 : 0 : 0	0 : 1 : 1	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1
25 - 34 years	0 : 0 : 0	0 : 1 : 1	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1
35 - 44 years	1 : 0 : 1	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
45 - 54 years	0 : 1 : 1	3 : 2 : 5	1 : 0 : 1	0 : 0 : 0	4 : 2 : 6
55 - 64 years	1 : 0 : 1	1 : 1 : 2	1 : 0 : 1	0 : 0 : 0	2 : 1 : 3
65 - 74 years	1 : 2 : 3	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1	1 : 0 : 1
75 and Over	3 : 2 : 5	0 : 0 : 0	0 : 0 : 0	2 : 1 : 3	2 : 1 : 3
TOTAL :	8 : 7 : 15	16 : 15 : 31	5 : 1 : 6	5 : 9 : 14	26 : 25 : 51

Bronchitis	1 : 2 : 3	0 : 0 : 0	0 : 0 : 0	1 : 2 : 3	1 : 2 : 3
Pneumonia	7 : 5 : 12	16 : 15 : 31	5 : 1 : 6	4 : 7 : 11	25 : 23 : 48
TOTAL :	8 : 7 : 15	16 : 15 : 31	5 : 1 : 6	5 : 9 : 14	26 : 25 : 51

DEATH RATES PER 1000 POPULATIONBRONCHITIS: (Code Nos. 402 - 403)

European : 0.14  
 Native : 0.00  
 Coloured : 0.00  
 Asiatic : 0.32  
 All Non-Eur. : 0.16  
 All Persons : 0.15

PNEUMONIA: (Code Nos. 404 - 406)

European : 0.57  
 Native : 3.12  
 Coloured : 3.91  
 Asiatic : 1.18  
 All Non-Eur. : 2.52  
 All Persons : 1.50

DISEASES OF THE HEART.

(Code Nos. 350 - 360)

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	1 : 0 : 1	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1
1 year	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
4 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
14 years	1 : 0 : 1	1 : 0 : 1	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1
24 years	1 : 1 : 2	1 : 0 : 1	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1
34 years	0 : 1 : 1	0 : 0 : 0	1 : 1 : 2	0 : 0 : 0	1 : 1 : 2
44 years	3 : 0 : 3	1 : 3 : 4	0 : 2 : 2	3 : 2 : 5	4 : 7 : 11
54 years	1 : 2 : 3	5 : 3 : 8	0 : 0 : 0	1 : 0 : 1	6 : 3 : 9
64 years	10 : 5 : 15	3 : 1 : 4	4 : 0 : 4	6 : 3 : 9	13 : 4 : 17
74 years	11 : 9 : 20	1 : 0 : 1	0 : 0 : 0	7 : 0 : 7	8 : 0 : 8
and Over	14 : 14 : 28	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
TOTAL :	41 : 32 : 73	13 : 7 : 20	5 : 3 : 8	17 : 5 : 22	35 : 15 : 50

DEATH RATE (PER 1000 POPULATION)

European	:	3.50
Native	:	2.45
Coloured	:	5.22
Asiatic	:	2.35
All Non-European	:	2.63
ALL PERSONS	:	3.09

DEATHS DUE TODIARRHOEA AND ENTERITIS

(Under age of 2 years.)

(Code No. 458)

RESIDENTS

	European	Native	Coloured	Asiatic	All Non-European
	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	1 : 1 : 2	1 : 2 : 3
August	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
September	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
October	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
November	0 : 0 : 0	1 : 0 : 1	0 : 0 : 0	1 : 0 : 1	2 : 0 : 2
December	1 : 0 : 1	2 : 3 : 5	0 : 0 : 0	0 : 0 : 0	2 : 3 : 5
January	0 : 1 : 1	1 : 1 : 2	0 : 0 : 0	2 : 1 : 3	3 : 2 : 5
February	0 : 0 : 0	3 : 0 : 3	0 : 1 : 1	0 : 0 : 0	3 : 1 : 4
March	0 : 0 : 0	0 : 1 : 1	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1
April	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
May	1 : 0 : 1	0 : 0 : 0	0 : 0 : 0	2 : 0 : 2	2 : 0 : 2
June	0 : 0 : 0	0 : 1 : 1	0 : 0 : 0	1 : 2 : 3	1 : 3 : 4
TOTAL :	2 : 1 : 3	7 : 7 : 14	0 : 1 : 1	7 : 4 : 11	14 : 12 : 26

DISTRICTS OF RESIDENCE OF CASES OF ENTERICFEVER AND TUBERCULOSIS

	Notifications of Enteric Fever.	Deaths from Tuberculosis
P. M. Burg Central	21	26
Zwartkop Valley	1	3
Wembley	2	1
Scottsville (in water supply area)	1	0
Scottsville (outside water supply area)	0	0
Mountain Rise	1	2
Pentrich (in water supply area)	0	5
Pentrich (outside water supply area)	0	0
Chase and Town Bush Valleys	0	1
Native Village	1	3
Hathorn's Hill		2
Asiatic Housing Scheme	0	1
TOTAL :	27	44

TUBERCULOSIS CLINICJuly 1st, 1943, to June 30th, 1944.

	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
Cases	13	27	8	8	75	37	59	10	5	9	1	1	68	54	6	6	161	127	74	25
1st Attendances	53	49	4	5	284	110	133	18	25	16	2	1	158	96	13	7	520	271	152	31
Examined	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-
Positive	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Examinations	19	31	4	1	84	41	69	15	14	14	1	-	88	66	8	6	205	152	82	22
Positive	4	3	-	1	12	5	17	11	5	1	-	-	20	6	2	-	41	15	19	12
Positive Diagnosis	-	1	-	-	4	2	3	1	1	2	1	-	3	3	1	-	8	8	5	2
Admitted to Hospital Clinic	2	1	-	-	-	1	1	1	-	-	-	-	2	-	-	-	4	2	1	1
Acts Examined	4	10	-	-	9	11	2	-	-	7	-	-	23	37	2	2	36	65	4	2

<u>Borough Cases</u>				EUR.		NAT.		COL.		AS.		TOTAL	
				M	F	M	F	M	F	M	F	M	F
Admitted to Grey's Hospital and King George V Hospital				2	2	7	3	1	0	3	2	13	7
				PERSONS									
				20									

HOME VISITS TO TUBERCULOTICS AND THEIR CONTACTS

( To Borough Residents Only )

European	:	112
Native	:	694
Coloured	:	240
Asiatic	:	527
<hr/>		
Total	:	1,573
<hr/>		

VENEREAL DISEASE

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1944.

[illegible]

19. Discharged on Probation. Borough: Males 3.

20. Discharged Finally. Borough Males 2.

# VENEREAL DISEASE. Continued.

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th June, 1944

NATIVE	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			O/B			O/B			O/B			O/B			O/B			O/B			O/B										
	M F			M F M			M F M			M F M			M F M			M F M			M F M			M F M										
	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F								
1.	2			1	2		18	1	10	4	91	8	23	2	27		24		18			312	12	84	26							
2.	9			8	2	1	71	7	48	13	282	25	74	35	199	2	37	14	4			1048	100	354	170							
3.	7	4	4	25	4	2	38	40	30	84	228	138	94	171	143	102	78	138	120	38	37	111	43	17	10	29	812	150	402	1090		
4.	2			2	2		1	18	7	13	6	50	16	19	25	23	23	13			6	229	127	128	117							
5.	1	2	2	6	21	13	5	19	55	69	32	500	257	80	749	265	167	32	340	115	136	13	198	88	59	11	163	1807	144	55	3425	
6.																						1										
7.				5			8	4		15	11	11	11	30	60		6	3	24		1		19		1		9	51	52	158	319	
8.				1			2	1	1	3	1	5											1		1	4	15	20	63	26	60	
9.	11	2	7	1	6	3	3	5	7	3	6	6																				
10.																																
11.																																
12.				1																												
13.																																
14.																																
15.				1																												
16.																																
17.	3	2	1		68	43	66	92	47	29	28	76																				
18.																																
TOTAL	35	12	25	43	102	62	88	137	255	165	184	368	118	467	320	104	657	307	155	535	369	188	76	336	175	88	25	216	484	225	200	5883

19. Discharged on Probation : Borough : M 73. F. 39. O/Borough : M 74. F 125.

20. Discharged Finally. Cured : Borough: M 71. F 33. O/Borough : M 24. F 69.



## CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1944.

[illegible]

19. Discharged on Probation. Borough: M 4. F 6. O/Borough: M -. F 6.

20. Discharged Finally. Cured. Borough: M 25. F 11. O<sup>3</sup> Borough: M-. F 2.

## VENEREAL DISEASE. Continued.

## EPIDEMIC (V.D.) HOSPITAL RETURNS

YEAR ENDING 30th June, 1944.

NATIVES	A			B			C			Discharged or Absconded or Died after Treatment of Duration			E			G			H		
	In Hospital last day of precdg. year			Admitted from Pass Office & Gaol			Admitted Voluntary & from V.D. Clinic			0 - 14 Days			15 - 26 Days			29 - 42 Days			43-56 Days		
	M	F	O/B	M	F	O/B	M	F	O/B	M	F	O/B	M	F	O/B	M	F	O/B	M	F	O/B
1	1	-	-	-	-	-	24	2	37	1	18	1	17	1	16	1	-	2	-	1	-
2	9	-	7	6	19	-	118	10	168	31	48	25	58	46	62	11	-	17	-	-	-
3	3	6	3	10	12	-	53	64	111	167	31	38	50	168	31	31	54	83	1	-	-
4	-	-	-	-	-	-	5	3	13	20	1	46	3	1	2	5	10	-	2	1	-
5	-	-	1	2	3	-	16	15	2	62	10	1	18	46	6	-	6	15	2	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
7	-	-	2	-	-	-	3	2	14	18	3	2	15	12	-	-	3	3	-	-	-
8	-	-	-	1	2	-	17	-	9	1	-	-	-	-	-	-	1	2	-	-	-
9	6	1	7	4	9	1	46	21	42	73	24	10	16	38	35	-	26	28	11	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4	1
11	-	-	1	1	-	-	2	1	8	4	1	1	8	4	1	-	1	-	-	-	-
12	-	-	-	-	-	-	12	1	10	2	4	-	7	1	4	1	1	-	-	-	-
13	-	-	-	-	-	-	6	-	5	5	2	-	3	-	-	-	4	-	-	-	-
14	1	-	-	-	-	-	-	-	-	-	-	-	1	3	-	2	-	1	1	-	-
15	1	2	1	-	5	1	8	9	17	23	7	7	11	11	5	3	5	11	2	1	2
16	-	-	-	-	1	-	6	-	11	-	3	2	2	3	3	2	6	-	2	-	-
17	-	-	3	-	2	1	16	16	62	74	22	17	60	67	4	-	10	7	-	-	-

No. of Individuals admitted during Year. Male: Bor. 339 O/B 501 Female: Bor. 132 O/B 532

No. of Individuals discharged during Year. Male: Bor. 344 O/B 502 Female: Bor. 137 O/B 548

No. of Patients suffering from 2 or more Venereal Diseases.

Bor. O/B  
Male Female Male Fem

54 14 50 53

VENEREAL DISEASE.      Continued.

EPIDEMIC (V.D.) HOSPITAL RETURNS.  
YEAR ENDING 30th June, 1944.

COLOURED	A In Hospital last day of precdg. year		B Admitted from Pass Office & Gaol		C Admitted Vol- untary & from V.D. Clinic	Discharged or Absconded or Died after Treatment of Duration						57 + Days + H	
	Por.	O/B	Por.	O/B	Por.	O/B	0 - 14 Days D	15 - 28 Days E	29 - 42 Days F	43-46 Days G	47-56 Days H		
	M	F	M	F	M	F	M	M	M	M	M	M	F
1													
2													
3	1				3	2	1	2					
4													
5													
6													
7	1												
8					2	2	1						
9													
10													
11													
12													
13													
14													
15													
16													
17													

Borough      O/Borough  
Males   Females   Male   Female

No. of Individuals }  
admitted during year }  
No. of Patients suffer- }  
ing from 2 or more }  
Venereal Diseases }

6      7      3      1  
6      8      2      3

# VENEREAL DISEASE. Continued

EPIDEMIC (V.D.) HOSPITAL RETURNS.  
YEAR ENDING 30th June, 1944.

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

Borough  
Male Female Male Female

Borough  
Male Female Male Female

No. of Individuals admitted during year

No. of Patients suffering from 2 or more Venereal Diseases.

No. of Individuals discharged during year

No. of Patients suffering from 2 or more Venereal Diseases.

VENEREAL DISEASE. Continued.

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

YEAR ENDING 30th June, 1944.

	S T A G E O F P R E G N A N C Y														
	1 - 3 Months					4 - 6 Months					7 - 9 Months				
	Eur.		Nat.		Col.	As.		Eur.		Nat.	Col.	As.		Eur.	
	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	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B
No. of Pregnant women submitted to Serological Test	1	-	2	2	1	-	-	1	-	7	15	-	1	-	-
No. of Positive or doubtful Reactors	-	-	1	3	-	-	-	-	-	3	11	-	1	-	-
No. of those who had previously received treatment	-	-	2	1	-	-	-	1	-	3	11	-	1	-	-
No. undergoing a First course of treatment during pregnancy	-	-	1	4	1	-	-	-	-	8	13	-	-	-	-
No. undergoing a 2nd or 3rd course of treatment during pregnancy	-	-	2	5	-	-	-	-	-	2	4	-	-	-	-

VENEREAL DISEASE.      Continued.KEY TO VENEREAL DISEASE CLINIC AND HOSPITAL RETURNS

1. Seronegative Primary Syphilis.
2. Seropositive Primary Syphilis.
3. Secondary Syphilis.
4. Tertiary Syphilis (clinical).
5. 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.
19. Discharged on Probation.
20. Discharged finally.

DAILY AVERAGE OF IN-PATIENTS AT MUNICIPAL EPIDEMIC HOSPITAL( Non-European Venereal Diseases )

MALE : 37.7

FEMALE : 24.3

TOTAL : 62.0

VENEREAL DISEASE HOME VISITS

European		Native		Coloured		Asiatic		Total
M	F	M	F	M	F	M	F	M : F : Perso
10	36	1496	658	66	228	168	159	1740 : 1081 : 2821

ISOLATION HOSPITAL (EUROPEAN) & NON-EUROPEAN INFECTIOUS DISEASES HOSPITALCASES ADMITTED JULY 1st 1943 to JUNE 30th 1944.

	<u>Borough Cases</u>					<u>Out-of-Borough Cases</u>					Total Cases Borough and Out/Borough
	E	N	C	A	Total	E	N	C	A	Total	
Scarlet Fever	98	-	-	-	98	5	-	-	-	5	103
Scarlet Fever	-	2	-	-	2	-	-	-	-	-	2
Measles	46	50	2	-	98	12	57	-	-	69	167
Diphtheria	54	16	3	3	76	23	28	2	3	56	132
Whooping Cough	28	4	-	-	32	6	6	-	-	12	44
Chicken Pox	7	-	-	-	7	1	2	-	-	3	10
Epidemic Parotitis	17	31	-	1	49	-	18	-	-	18	67
Pharyngitis	4	3	1	-	8	1	-	-	-	1	9
German Measles	1	2	-	-	3	1	-	-	-	1	4
Polio-myelitis	1	-	-	-	1	1	-	-	-	1	2
Observation	-	-	-	-	-	2	-	-	-	2	2
Scarlet Fever Contacts	1	-	-	-	1	-	-	-	-	-	1
Diphtheria Contact	1	-	-	-	1	-	-	-	-	-	1
Diphtheria Carrier	1	-	-	-	1	4	-	-	-	4	5
Scarlet Fever	-	-	-	-	-	1	-	-	-	1	1
Staphylococcus Neonatorum	-	-	-	-	-	-	1	-	-	1	1
Pharyngitis	-	-	-	-	-	-	1	-	-	1	1
Scarlet Fever's Angina	1	-	-	-	1	-	-	-	-	-	95
Pulmonary T.B.	-	19	1	8	28	-	60	1	6	67	1
B. Meningitis	-	-	-	1	1	-	-	-	-	-	1
Whooping Cough	-	3	1	-	4	-	2	1	-	3	7
Rock Bite Fever	-	-	-	-	-	1	-	-	-	1	1
Septicemia Sepsis	-	-	-	-	-	-	1	-	-	1	1
Typhoid Fever	-	-	-	1	1	-	-	-	-	-	1
Typhoid Carrier	-	2	-	-	2	-	-	-	-	-	2
St. Vaccinal Cellulitis	-	1	-	-	1	-	-	-	-	-	1
TOTAL :	260	133	8	14	415	58	176	4	9	247	662

ISOLATION HOSPITAL ( EUROPEAN )ANDNON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

The following alterations in Diagnosis were made following observation in Hospital.

BOROUGH CASES.

- In 1 case (Eur.) diagnosis Scarlet Fever altered to German Measles
- In 1 case (Eur.) diagnosis Scarlet Fever altered to Measles
- In 1 case (Eur.) diagnosis Scarlet Fever altered to Erythema Multiforme
- In 1 case (Eur.) diagnosis Scarlet Fever altered to Diphtheria
- In 1 case (Eur.) diagnosis Scarlet Fever altered to Urticaria
- In 2 cases (Nat.) diagnosis Scarlet Fever altered to Tonsillitis
- In 1 case (Eur.) diagnosis Scarlet Fever altered to Impetigo
- In 1 case (Nat.) diagnosis Diphtheria altered to Lobar Pneumonia
- In 1 case (Nat.) diagnosis Diphtheria altered to Congenital Syphilis
- In 3 cases (2 Eur.-  
1 Nat.) diagnosis Diphtheria altered to Follicular Tonsillitis
- In 1 case (Nat.) diagnosis Diphtheria altered to Malnutrition
- In 1 case (Eur.) diagnosis Meningitis altered to Antr. Poliomyelitis
- In 1 case (Nat.) diagnosis Chicken Pox altered to Malnutrition & Enteritis
- In 1 case (Nat.) diagnosis Meningitis altered to ? Cerebral Tumour
- In 1 case (Nat.) diagnosis Mumps altered to Mastoid & Cervical Adenitis
- In 1 case (Eur.) diagnosis Mumps altered to Nil Abnormal
- In 1 case (Eur.) diagnosis Mumps altered to Dental Abscess
- In 1 case (Nat.) diagnosis Measles altered to Murine Typhus
- In 1 case (Nat.) diagnosis Typhoid Fever altered to Pyrexia of Unkown orig

OUT-OF-BOROUGH CASES.

- In 1 case (Eur.) diagnosis Mumps altered to Dental Abscess
- In 2 cases (Nat.) diagnosis Leprosy altered to Depigmented skin
- In 1 case (Nat.) diagnosis Chicken Pox altered to Smallpox
- In 1 case (Nat.) diagnosis Pulmonary T.B. altered to Unresolved Pneumonia
- In 1 case (Nat.) diagnosis Pulmonary T.B. altered to Syphilis of Lung
- In 1 case (Nat.) diagnosis Pulmonary T.B. altered to Senility & Pellagra
- In 1 case (Nat.) diagnosis Diphtheria altered to Thrush
- In 1 case (Eur.) diagnosis " altered to Tonsillitis
- In 1 case (Nat.) diagnosis " altered to Laryngitis
- In 1 case (Nat.) diagnosis " altered to Pharyngitis
- In 1 case (Asiatic) diagnosis Diphtheria altered to Typhoid Fever
- In 1 case (Nat.) diagnosis " altered to Abscess Crico Thyroid Membrane

INFANT WELFARE.INFANT CLINICS.

	European	Native	Coloured	Asiatic
NEW CASES: Under 1 Year	298	216	77	162
Over 1 Year	44	18	2	9
<u>OTHER ATTENDANCES</u>				
Under 1 Year	3633	2432	665	2551
Over 1 Year	1855	838	501	747
Total:	5488	3270	1166	3298
Number on Register	714	289	204	288
Average Attendance per person	8.1	12.1	6.1	12.0

2. HOME VISITS.

	European	Native	Coloured	Asiatic	Total
Ante-Natal	50	15	35	251	351
First Visits -					
(Notified births)	389	155	120	454	1118
Re-Visits - 1 year	682	2167	765	1846	5460
Re-Visits: 1-6 yrs.	786	1177	1797	2273	6033
Infectious Disease					
(Non-T.B.)	252	31	25	44	352
Protected Children	18	2	35	31	86
Confinement Visits	0	4	0	0	12
Infantile Mortality					
Visits	9	48	8	15	80
Nursing Home Visits	3	0	0	0	3
TOTAL :	2189	3599	2785	4914	13487

3. MILK DISTRIBUTED.

	European	Native	Coloured	Asiatic	Total
Fresh - Pints	4200	6437	6230	8797	25,664
Dried - lbs.	0	0	0	12	12

FOODSTUFFS1. MILK.Bacteriological Examination

Samples with less than 30,000 bacteria per c.c.	: 17 (inc. 1 Pasteur)
" " between 30,000 and 200,000 bacteria)	
per c.c.)	: 33
" " more than 200,000 bacteria per c.c.	: 29 ( " 1 "
	<u>79</u> ( " 2 "
Samples with B.Coli present in 1/100 c.c. or less	45 (inc. 1 Pasteur)
" " B.Coli " in 1/10 but not in 1/100 c.c.)	21
" " B.Coli absent in 1/10 c.c.	13 ( " 1 "
Total	<u>79</u> ( " 2 "

Chemical Examination (by Government Analyst)

Samples with Milk Fat above 4% ... ..	2
" " " " between 3.5% and 4% ..	3
" " " " 3.0% and 3.5% ...	1
Total	<u>6</u>
Samples with Solids-Not-Fat 8.5% or more ... ..	2
" " " " between 8.0% & 8.5%	3
" " " " below 8.0% ... ..	1
	<u>6</u>

2. SAUSAGE.

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

3. MEAT.

Samples of Mince Meat conforming to standard	: 9
" " " " not conforming to standard	: 1
Total	: <u>10</u>

4. 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.

<u>Probable No. of Organisms in 100 c.c.</u>	<u>No. of Samples</u>
0 .....	188
1 .....	24
2 .....	9
3 .....	11
Total :	<u>232</u> Samples

MUNICIPAL SWIMMING BATHS

<u>Probable No. of Organisms in 100 c.c.</u>	<u>No. of Samples</u>
0 .....	49

OTHER SAMPLES TAKEN

<u>Probable No. of Organisms in 100 c.c.</u>	<u>No. of Samples</u>
0 .....	34
1 .....	1
18 .....	<u>35</u>

FOODSTUFFS CONDEMNED AS UNFITFOR HUMAN CONSUMPTION

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

Artichokes .....	5 bags
Avocado Pears .....	61 trays, 3 boxes
Anchovy Sauce .....	1 bottle
Apricots .....	12 trays
Apples .....	10 boxes
Breakfast Meat .....	8 pkts.
Buck .....	1
Beans .....	102 Pockets, 11 bags
" Baked .....	51 tins
Beef .....	53 lbs.
" (Corned) .....	7 tins
Beef steak Pudding .....	3 tins
Bananas .....	10 boxes, 1 bag
Lime Barley .....	4 bottles
Bringal .....	1 bag, 52 boxes
Brisling .....	2 tins
Cabbages .....	55 sacks, 2 pockets
Cauliflower .....	4 bags, 2 lots
Cucumber .....	29 bags, 4 trays
Chocolates .....	500 lbs.
Cane Syrup .....	2 tins, 3 cartons
Cheese .....	20 lbs., 384 pkts.
Cafe au lait .....	1 tin
Carrots .....	3 pockets, 4 bags 16 tins (tinned carrots)
Chutney .....	3 bottles
Cornflour .....	1 packet
Curry Powder .....	1 tin
Duck (Dressed) .....	24
Delicious Dinner .....	24 tins
Eggs .....	45 dozen
Ezee-Freeze .....	1 tin
Fowls (Dressed) .....	87
Fowls (Not Dressed) .....	89
Fowls (Guinea) .....	11
Fish Paste .....	1 tin
Fish .....	328 lbs.
Fish (tinned) .....	36 tins. 6 tins Curried Fish
Foodstuffs, assorted .....	5 tins
Fruit Sauce .....	1 bottle
Fruit - tinned .....	33 tins
Grapes .....	1 box, 37 bags, 32 trays
Grape Fruit .....	42 pockets
Guavas .....	4 trays, 2 boxes
Gooseberries .....	9 boxes
Ginger, Preserved .....	2 bottles
Giblets .....	1 lot, 1 pkt.
Gravy Browning .....	6 bottles
Gravy Salt .....	1 pkt.
Ham and Tongue Roll .....	1 tin
Honey, .....	2 jars
Ham (Cooked) .....	2 tins
Horlicks .....	3 bottles
Kippers .....	2 cases, 20 lbs.
Jam .....	74 tins, 30 Jars, 9 Cartons
Jelly Powder .....	4 pkts.
Lamb and Green Peas .....	2 tins
Lard .....	41 lbs.
Malt Spread .....	1 carton
Mealie Cobs .....	5 pockets
Meal, unsifted .....	4 packets
/ Milk .....	

## FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION.

Continued.

Milk .....	5 tins
Marrow .....	3 Pockets, 1 bag
Meat (tinned) .....	5 tins
Meat & Vegetables .....	4 tins
Meat Extract .....	10 jars, 2 tins
Meat Paste .....	4 tins
Nougat .....	11 pkts
Onions .....	23 sacks
Pork and Beans .....	4 tins
Partridge .....	1
Pumpkins .....	7 bags
Pate de Foi Gras .....	4 tins
Peaches .....	7 boxes, 41 trays
Plums .....	80 trays
Pea Flour .....	1 tin
Potatoes .....	164 sacks, 5 pockets
Potatoes (Sweet) .....	1 pocket
Paw-Paws .....	11 trays
Pickles .....	34 bottles
Peanut Butter .....	3 Pots
" Toffee .....	1 carton, 3 slabs
Persimmons .....	4 boxes, 1 bag
Pears .....	1 bag
Pilchards in Tomato .....	20 tins
Pork in Tomato Sauce .....	1 tin
Peas .....	190 pockets. tinned peas
Raisins .....	6 tins
Sweetmeats .....	1 pkt
Sausages .....	60 lbs.
Steak and Tomato .....	23 tins, 32 lbs.
Sardines .....	1 tin
Sandwich spread .....	63 tins
Squash .....	3 cartons, 1 jar
Salad Dressing .....	3 pkts, 2 bags, 11 doz.
Sugar, Icing .....	4 bottles
Sugar .....	1 pkt
Turkey (Dressed) .....	6 lbs.
Tomatoes .....	1
Tomato Juice .....	294 trays, 235 cases, 3 ca
Tongue .....	3 tins
Tomato Sauce .....	6 tins
Sauce .....	14 bottles
Vermicelli .....	1 bottle
Venison .....	13 pkts
Vegetables .....	11 1/4 lbs.
Vico Powder .....	1 bag
Watermelons .....	1 pkt
Xmas Pudding Powder .....	424
	2 pkts

ABATTOIR1. ANIMALS SLAUGHTERED:

Cattle	:	10,319
Calves	:	818
Sheep	:	40,360
Pigs	:	2,698
Goats	:	90
Total	:	54,285

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS:

Quarters Beef	:	626
Carcases Mutton	:	-
Carcases Pork	:	-

3. INCIDENCE OF CERTAIN DISEASES

	Carcases Examined	% Infected	Carcases Condemned	% Condemned
CATTLE - "Measles" (Cysticercus Bovis)	10,319	9.96%	143	1.38%
CALVES - "Measles" (Cysticercus Bovis)	818	5.86%	48	5.86%
PIGS - "Measles" (Cysticercus Cellulosae)	2,698	0.88%	24	0.88%
CATTLE - Tuberculosis	10,319	0.23%	7	0.07%
CALVES - Tuberculosis	818	0	0	0
PIGS - Tuberculosis	2,698	2.86%	10	0.37%

4. SUMMARY OF MEAT CONDEMNED:

	Carcases	Approx. Weight.
BEEF	183	86,615 lbs.
BEEF: Portions of Carcases, Organs etc.	-	166,185 lbs.
VEAL	66	2,980 lbs.
PORK	54	6,265 lbs.
PORK : Organs, etc.	-	1,980 lbs.
MUTTON	106	3,280 lbs.
MUTTON : Organs, etc.	-	38,710 lbs.
Total :		306,015 lbs.

## ABATTOIR. Continued.

## MEAT CONDEMNED (Approximate Weight)

Statement of Carcases and Meat Found to be affected  
with disease and unfit for human consumption :

1.7.43 - 30.6.44.

	BOVINES			PIGS			SHEEP AND GOAT	
	Car- cases Infec- ted	Whole Car- cases	Por- tions of Car- cases Approx. Weight	Car- cases Infec- ted	Whole Car- cases	Por- tions of Car- cases Approx. Weight	Car- cases Infec- ted	Whole Car- cases
Actinomycosis	60	-	2,855	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-
Measles	1028	143	132,750	24	24	-	-	-
" (Veal)	48	48	-	-	-	-	-	-
Lymphadenitis	-	-	-	-	-	-	61	61
Malignant Tumours	11	11	-	-	-	-	1	1
Mammitis	2	2	-	-	-	-	-	-
Pneumonia-Septic	-	-	-	2	2	-	2	2
" " Veal	1	1	-	-	-	-	-	-
Pyæmia	2	2	-	3	3	-	-	-
Sarcocysts	-	-	-	1	1	-	-	-
Septicaemia	-	-	-	10	10	-	-	-
Tuberculosis	24	7	870	77	10	855	-	-
Anaemia	-	-	-	-	-	-	1	1
Emac. & Oedema	7	7	-	-	-	-	31	31
" " " Veal	3	3	-	-	-	-	-	-
Decomposition	1	1	8,640	-	-	-	-	-
Bruising	3	3	6,450	3	3	225	2	2
Jaundice	4	4	-	-	1	-	2	2
" Veal	1	1	-	-	-	-	-	-
Emaciation, Veal	9	9	-	-	-	-	-	-
Fever	-	-	-	-	-	-	7	7
Immaturity, Veal	4	4	-	-	-	-	-	-
Gall Sickness	3	3	-	-	-	-	-	-
Stilesia Hepatica Fluke, Cysts, O.Col- umbianum, Lympha- denitis, etc.	-	-	14,620	-	-	900	-	- 38

LICENCE APPLICATION

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

	1	2	3	4	5	6	7	8	9	10	11	12
Applications received	463	116	21	105	106	8	41	238	37	145	16	366
Applications approved without conditions	432	108	14	74	96	5	39	234	7	128	16	352
Applications approved subject to conditions once carried out	31	7	7	30	10	3	2	2	25	15	0	12
Applications not in order	0	1	0	1	0	0	0	2	5	2	0	2
Applications withdrawn	0	0	0	0	0	0	0	0	0	0	0	0
Applications in abeyance	0	0	0	0	0	0	0	0	0	0	0	0

KEY TO ABOVE TABLE:-

1. General Dealers.
2. Aerated Water Manufacturers & Dealers.
3. Butchers.
4. Boarding Houses.
5. Eating and Refreshment Rooms.
6. Bakers.
7. Hairdressers.
8. Hawkers & Pedlars.
9. Laundries.
10. Produce Dealers.
11. Places of Entertainment.
12. Others.

(2) Applications dealt with under Urban Area Act.

Applications received .....	18
Applications returned "Not in Order" ..	4
Applications approved for Temporary Licence .....	14

SANITATION

Total of Inspections (General) carried out .....	10,6
Total of Inspections by Rodent and Fumigation Officer .....	1,8
Total of Notices and Letters served re Contravention of By-Laws ....	8

INSPECTION (GENERAL) GIVEN IN DETAIL 1.7.43 to 30.6.44

1. Public Markets .....	298
2. Butchers' Shops .....	58
3. Dealers and General Dealers (Food) .....	218
4. Dealers and General Dealers (No Food) .....	17
5. Fish and Poultry Shops .....	22
6. Bakers' Shops (without Bakehouse) .....	0
7. Bakehouses .....	15
8. Milkshops (Purveyors of Milk) .....	11
9. Ice Cream (Purveyors and Manufacturers of) .....	8
10. Tea Shops, Cafes, Restaurants & Eating Houses .....	53
11. Residential Hotels, Boarding Houses .....	27
12. Aerated Water Manufacturers .....	8
13. Other places where food is manufactured .....	0
14. Hawkers' Premises .....	0
15. Hawkers' Carts .....	0
16. Butchers' Carts and Carriers .....	0
17. Milk Delivery Carts .....	0
18. Bakers' Carts .....	0
19. Ice Cream Carts .....	0
20. Theatres and Biscopes .....	17
21. Common Lodging Houses .....	10
22. Barracks .....	71
23. Other House Inspections .....	160
24. Hairdressers .....	2
25. Laundries .....	40
26. Factories and Workshops .....	77
27. Courts, Lanes and Alleys .....	8
28. Open Ground .....	450
29. Piggeries .....	9
30. Horse Stables .....	51
31. Dairy Stables and Dairies .....	1,051
32. Cattle Dealers' Premises .....	1
33. Visits in connection with Infectious Disease .....	409
34. Standing Water, Catchpits, re Mosquitoes, etc. ....	15
35. Undrained premises .....	1
36. Public Sanitary Conveniences .....	589
37. Refuse Tips .....	22
38. Other Visits .....	2,978
39. Structural Defects in Premises .....	5

C/Forward : 6,719

Sanitation. Continued.

B/Forward ..... 6,719

INSPECTION BY RODENT AND FUMIGATION  
OFFICER

46. Rodent Inspections .....	29	
47. Premises fumigated for Vermin .....	425	
47a Other visits in connection with fumigation .....	750	
48. Disinfections .....	9	
49. Disinfection of Bedding and Clothing .....	28	
50. Other Inspections by Rodent Officer .....	553	1,794

REPORTS FOR TRANSMISSION TO  
OTHER MUNICIPAL DEPARTMENTS(1) City Engineer's Department

40. Stopped Drains .....	7	
41. Defective Water Fittings .....	0	
42. Other Defects .....	51	
43. Unauthorised structures .....	0	
44. Sites, etc., re plans .....	383	441

(2) Municipal Native Administration  
Department

45. Inspection of Premises under ) Urban Areas Act )	110	110
---	-----	-----

(3) Licensing Department

51. Inspection of Premises re ) Licence Applications )		1,572
---	--	-------

Total : 10,636

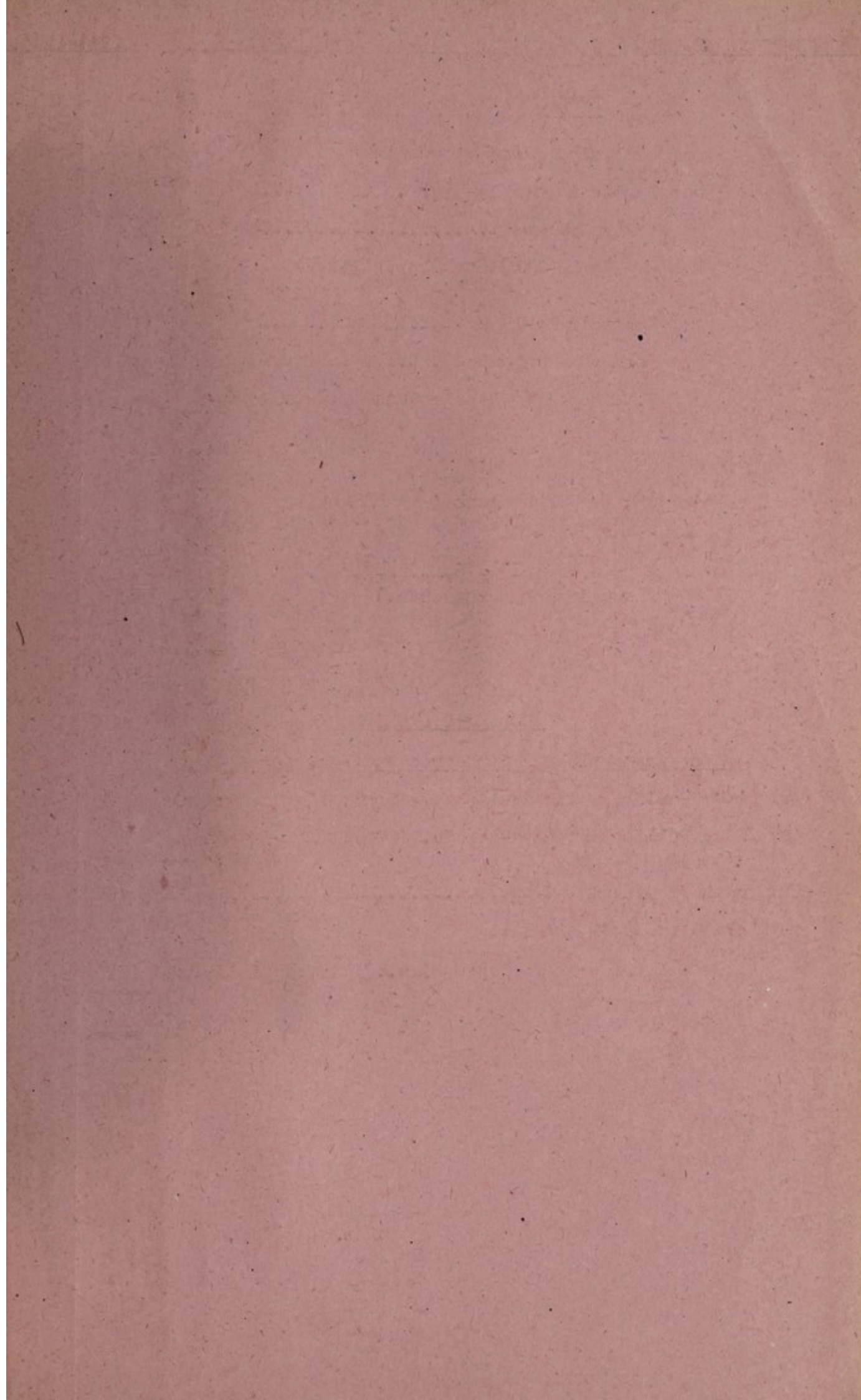
PROSECUTIONS : 1943 - 1944

Total Number of Prosecutions instituted :	44
Under Public Health By-Laws .....	15
" Dairy By-Laws .....	14
" Public Health Act : Sec. 133 (4) and Sec. 33 (3) .....	3
" Abattoir By-Laws .....	2
" Food and Drugs Act .....	2
" V.D. Hospital Regulations .....	8
Total	<u>88</u>

Total No: in which accused found guilty and penalty imposed .....	31
"     " found not guilty (acquitted, withdrawn or Prosecutor de- clined to prosecute.) .....	13
	<u>44</u>

CONDEMNED PREMISESRooms 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 Premises ) ...	13
(c) Under Slums Act : .....	0
(d) Voluntary Demolitions :	
Premises .....	1
Total :	<u>14</u>





Wellcome Library  
for the History  
and Understanding  
of Medicine