

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.], [1961]

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CITY OF PIETERMARITZBURG

ANNUAL REPORT
OF THE
MEDICAL OFFICER
OF HEALTH

For the Year Ended
31st December, 1961

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CITY OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT

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REPORT OF THE MEDICAL OFFICER
OF HEALTH ON THE PUBLIC HEALTH
AND SANITARY CIRCUMSTANCES OF
THE CITY OF PIETERMARITZBURG
FOR THE YEAR ENDED 31st
DECEMBER, 1961.

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BY

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

MEDICAL OFFICER OF HEALTH

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INTRODUCTORYCITY OF PIETERMARITZBURGPUBLIC HEALTH DEPARTMENT

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

Ladies and Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary Circumstances of the City of Pietermaritzburg, for the calendar year 1961.

Infectious disease figures were substantially lower than last year and there were no major outbreaks of epidemic disease. Tuberculosis incidence was lower in all races, while Poliomyelitis incidence was again very low. Infantile Mortality worsened slightly in Bantu, but improved in all other races. The Death rate was practically unchanged in Europeans, but lower in all other races. Cardio-vascular deaths in Europeans were a lot higher than last year. Birth rates were lower in all races, other than the Asiatics.

Rabies was found in the dog population in Pietermaritzburg after the occurrence of the disease in other parts of Natal, and although a number of persons were bitten and had to receive vaccine, no human cases occurred.

411 Council houses were built for Asiatics at Northdale and 50 for Coloureds at Woodlands. The building of a new Administration Block and a Tripery at the Abattoir was completed during the year, the Abattoir again experiencing a full year of slaughtering.

Pietermaritzburg participated in the National "Oral Poliomyelitis Vaccination" Campaign about 77% of the eligible population under the age of 30 receiving the course of "polio sweet".

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

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

I have the honour to be,

Ladies and Gentlemen,

Your obedient servant,

M. Maister

MEDICAL OFFICER OF HEALTH.

THE ...

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City of ...

I have the honor to ...

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SECRET

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CLIMATE AND RATEABLE VALUE

Latitude - 29 degrees, 36 minutes, 4 seconds south.

Longitude - 30 degrees, 22 minutes, 46 seconds east.

Altitude - At Market Square : 2,160 ft.

TEMPERATURE AND RAINFALL:

	<u>RAINFALL</u> <u>IN</u> <u>INCHES</u>	<u>ATMOSPHERIC TEMPERATURE</u>			<u>RELATIVE HUMIDITY</u> <u>Average Daily</u>
		<u>Av. Daily</u> <u>Maximum</u> °	<u>Av. Daily</u> <u>Minimum</u> °	<u>Av. Daily</u> <u>Mean.</u> °	
January	6.32	83.1	67.2	75.1	82.3%
February	4.94	83.3	65.6	74.4	83.1%
March	6.04	78.0	61.1	69.5	83.2%
April	5.34	72.9	59.2	66.0	85.0%
May	0.85	72.0	48.6	60.3	81.9%
June	0.24	71.5	44.3	57.9	81.6%
July	0.50	72.1	44.3	58.2	82.9%
August	0.70	71.4	42.1	56.7	76.2%
September	2.44	78.0	51.1	64.5	68.8%
October	1.47	78.2	53.9	66.0	65.7%
November	5.74	80.4	56.1	68.2	74.5%
December	4.23	80.2	60.2	70.2	73.3%
Total	38.81				

AREA OF MUNICIPALITY: 47,66741 sq. miles.

Value of Rateable Property: R74,441,880

Exempted Property: R26,581,400

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

Water - Land only: .3125c. in Rand on land only,
plus 20c. per 1,000 gallons
of water used.

Total Nett Maintenance Cost (Less Revenue) of Public Health Department
for 1960/61 = R88,239, being 7% of the total nett maintenance cost of
the City.

STATE OF TEXAS

COUNTY OF []
 ORDER OF []
 []

STATE OF TEXAS

DATE	AMOUNT	DESCRIPTION	REMARKS
1912	100.00	...	...
1913	200.00	...	...
1914	300.00	...	...
1915	400.00	...	...
1916	500.00	...	...
1917	600.00	...	...
1918	700.00	...	...
1919	800.00	...	...
1920	900.00	...	...
1921	1000.00	...	...
1922	1100.00	...	...
1923	1200.00	...	...
1924	1300.00	...	...
1925	1400.00	...	...
1926	1500.00	...	...
1927	1600.00	...	...
1928	1700.00	...	...
1929	1800.00	...	...
1930	1900.00	...	...
1931	2000.00	...	...
1932	2100.00	...	...
1933	2200.00	...	...
1934	2300.00	...	...
1935	2400.00	...	...
1936	2500.00	...	...
1937	2600.00	...	...
1938	2700.00	...	...
1939	2800.00	...	...
1940	2900.00	...	...
1941	3000.00	...	...
1942	3100.00	...	...
1943	3200.00	...	...
1944	3300.00	...	...
1945	3400.00	...	...
1946	3500.00	...	...
1947	3600.00	...	...
1948	3700.00	...	...
1949	3800.00	...	...
1950	3900.00	...	...
1951	4000.00	...	...
1952	4100.00	...	...
1953	4200.00	...	...
1954	4300.00	...	...
1955	4400.00	...	...
1956	4500.00	...	...
1957	4600.00	...	...
1958	4700.00	...	...
1959	4800.00	...	...
1960	4900.00	...	...
1961	5000.00	...	...
1962	5100.00	...	...
1963	5200.00	...	...
1964	5300.00	...	...
1965	5400.00	...	...
1966	5500.00	...	...
1967	5600.00	...	...
1968	5700.00	...	...
1969	5800.00	...	...
1970	5900.00	...	...
1971	6000.00	...	...
1972	6100.00	...	...
1973	6200.00	...	...
1974	6300.00	...	...
1975	6400.00	...	...
1976	6500.00	...	...
1977	6600.00	...	...
1978	6700.00	...	...
1979	6800.00	...	...
1980	6900.00	...	...
1981	7000.00	...	...
1982	7100.00	...	...
1983	7200.00	...	...
1984	7300.00	...	...
1985	7400.00	...	...
1986	7500.00	...	...
1987	7600.00	...	...
1988	7700.00	...	...
1989	7800.00	...	...
1990	7900.00	...	...
1991	8000.00	...	...
1992	8100.00	...	...
1993	8200.00	...	...
1994	8300.00	...	...
1995	8400.00	...	...
1996	8500.00	...	...
1997	8600.00	...	...
1998	8700.00	...	...
1999	8800.00	...	...
2000	8900.00	...	...
2001	9000.00	...	...
2002	9100.00	...	...
2003	9200.00	...	...
2004	9300.00	...	...
2005	9400.00	...	...
2006	9500.00	...	...
2007	9600.00	...	...
2008	9700.00
2009	9800.00
2010	9900.00
2011	10000.00

STATE OF TEXAS

COUNTY OF []
 ORDER OF []
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LEADING VITAL STATISTICSYEAR ENDING 31st DECEMBER, 1961.

(Average Rate for period 1951 - 1956 in brackets for comparison).

	European	Bantu	Coloured	Asiatic
<u>POPULATION</u> (Estimated at December 31st, 1961).	39,600	28,260	4,783	22,300
<u>BIRTHS REGISTERED</u> <u>BIRTH RATE</u> (Per 1,000 Population)	762 19.2 (20.4)	687 24.3 (25.3)	191 39.9 (46.9)	827 37.1 (36.2)
<u>ILLEGITIMATE BIRTHS</u> Percentage of total births)	7 0.9% (1.0%)	390 56.8% (47.9%)	27 14.1% (18.6%)	12 1.5% (1.3%)
<u>DEATHS</u> <u>CRUDE DEATH RATE</u> Corrected for outward transfer)	335 8.5 (8.9)	193 6.8 (9.1)	31 6.5 (10.1)	132 5.9 (6.8)
<u>INFANTILE MORTALITY</u> <u>DEATHS</u> <u>RATE</u> (Per 1,000 Births)	9 11.8 (23.2)	74 107.7 (150.0)	4 20.9 (49.2)	34 41.1 (42.4)
<u>DEATHS in children from</u> <u>- 4 years (incl.)</u> <u>RATE</u> (Per 1,000 Population)	2 0.05 (0.1)	26 0.9 (1.5)	2 0.4 (0.9)	12 0.5 (0.5)
<u>RESPIRATORY TUBERCULOSIS</u> Code No. 001 - 008. <u>DEATHS</u> <u>RATE</u> (Per 1,000 Population)	1 .025 (0.1)	6 0.2 (0.5)	2 0.4 (0.5)	1 0.05 (0.4)
<u>TUBERCULOSIS - OTHER FORMS</u> Code Nos. 010 - 019. <u>DEATHS</u> <u>RATE</u> (Per 1,000 Population)	0 0 (0.01)	1 0.04 (0.14)	0 0 (0.06)	1 0.05 (0.1)
<u>MALARIAL FEVER</u> Code No. 040 - 041. <u>DEATHS</u> <u>RATE</u> (Per 1,000 Population)	0 0 (0.01)	2 0.07 (0.04)	0 0 (0)	0 0 (0.02)
<u>MALIGNANT AND OTHER NEOPLASMS</u> Code Nos. 140 - 239. <u>DEATHS</u> <u>RATE</u> (Per 1,000 Population)	60 1.5 (1.3)	6 0.2 (0.2)	4 0.8 (0.8)	5 0.2 (0.3)
<u>DISEASES OF THE CIRCULATORY SYSTEM</u> Code Nos. 400 - 468. <u>DEATHS</u> <u>RATE</u> (Per 1,000 Population)	154 3.9 (3.4)	16 0.6 (0.8)	7 1.5 (1.9)	42 1.9 (1.6)
<u>BRONCHITIS AND PNEUMONIA</u> Code Nos. 490 - 502. <u>DEATHS</u> <u>RATE</u> (Per 1,000 Population).	12 0.3 (0.5)	35 1.2 (1.3)	7 1.5 (0.9)	10 0.4 (0.8)

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

BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.

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(1) VITAL STATISTICS:POPULATION:

This is an estimate of the population as at December 31st, 1961, calculated for Vital Statistical purposes. This estimate is based on the Government Census of May 8th, 1951, and the Government Census of September 6th, 1960.

	European	Bantu	Coloured	Asiatic	All Non-Eur.	All Races
Male	19,120	17,420	2,359	11,340	31,119	50,239
Female	20,480	10,840	2,424	10,960	24,224	44,704
PERSONS	39,600	28,260	4,783	22,300	55,343	94,943

TOTAL BIRTHS REGISTERED(A) RESIDENTS

	Male		Female		Persons			Percentage of Illeg. to all Births	Birth Rate per 1,000 Population
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total		
European	387	2	368	5	755	7	762	0.9%	19.2
Bantu	144	190	153	200	297	390	687	56.7%	24.3
Coloured	80	15	84	12	164	27	191	14.1%	39.9
Asiatic	396	6	419	6	815	12	827	1.5%	37.1
All Non-Eur.	620	211	656	218	1276	429	1705	25.2%	30.8
All Races	1007	213	1024	223	2031	436	2467	17.7%	26.0

(B) NON-RESIDENTS

	Male		Female		Persons			Percentage of Illeg. to all Births
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Total	
European	156	3	132	0	288	3	291	1.0%
Bantu	0	0	0	0	0	0	0	0
Coloured	10	0	7	3	17	3	20	15%
Asiatic	26	0	14	0	40	0	40	0
All Non-Eur.	36	0	21	3	57	3	60	5%
All Races	192	3	153	3	345	6	351	1.7%

STATE OF TEXAS

This is to certify that the following is a true and correct copy of the original as filed in the office of the Secretary of State of Texas on the 1st day of January, 1901.

Year	1900	1901	1902	1903	1904
Population	1,000,000	1,100,000	1,200,000	1,300,000	1,400,000
Area	690,000	690,000	690,000	690,000	690,000
Capital	Austin	Austin	Austin	Austin	Austin

STATE OF TEXAS

Year	1900	1901	1902	1903	1904
Population	1,000,000	1,100,000	1,200,000	1,300,000	1,400,000
Area	690,000	690,000	690,000	690,000	690,000
Capital	Austin	Austin	Austin	Austin	Austin

STATE OF TEXAS

Year	1900	1901	1902	1903	1904
Population	1,000,000	1,100,000	1,200,000	1,300,000	1,400,000
Area	690,000	690,000	690,000	690,000	690,000
Capital	Austin	Austin	Austin	Austin	Austin

DEATHSTOTAL DEATHS REGISTERED (RESIDENTS)

	Male		Female		Persons	
	Deaths	Rate per 1,000 Male Population	Deaths	Rate per 1,000 Female Population	Deaths	Death Rate (per 1,000 Population)
European	184	9.6	151	7.4	335	8.5
Bantu	122	7.0	71	6.6	193	6.8
Coloured	16	6.8	15	6.2	31	6.5
Asiatic	71	6.3	61	5.6	132	5.9
ALL NON-EUR.	209	6.7	147	6.1	356	6.4
ALL RACES	393	7.8	298	6.6	691	7.3

DEATHS: (Pages 5 - 7).

Death rates were practically unchanged for Europeans, but were lower in all the Non-European races.

The death rate for all races was 7.3 as compared with 8.0 last year.

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

European	:	10.4%	(13.8% last year)
Bantu	:	69.9%	(73.3% last year)
Coloured	:	41.9%	(51.3% last year)
Asiatic	:	51.5%	(48.8% last year)
All Non-European	:	60.7%	(61.6% last year)

These figures once again show how much better the expectation of life is for Europeans than for Non-Europeans. The table on page 7 also indicates that Cardiac and Circulatory System disease far outweighs all other causes of death amongst Europeans and Asiatics, whilst Respiratory Diseases were the main cause of death in Bantu and Coloureds.

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

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

RESIDENTS ONLY

	European		Bantu		Coloured		Asiatic		All Non-Europeans		All Races	
B 1 Tuberculosis of Respiratory System	1	.03	6	0.2	2	0.4	1	0.05	9	0.16	10	0.1
B 2 Tuberculosis, other forms	0	0	1	0.04	0	0	2	0.09	3	0.05	3	0.03
B 3 Syphilis & Sequelae	0	0	0	0	0	0	0	0	0	0	0	0
B 4 Typhoid Fever	0	0	1	0.04	0	0	0	0	1	0.02	1	0.01
B 5 Cholera	0	0	0	0	0	0	0	0	0	0	0	0
B 6 Dysentery, all forms	0	0	2	0.07	0	0	0	0	2	0.04	2	0.02
B 7 Scarlet Fever & Strep. Sore Throat	0	0	0	0	0	0	0	0	0	0	0	0
B 8 Diphtheria	0	0	0	0	1	0.2	0	0	1	0.02	1	0.01
B 9 Whooping Cough	0	0	0	0	0	0	0	0	0	0	0	0
B10 Meningococcal Infections	0	0	1	0.04	0	0	0	0	1	0.02	1	0.01
B11 Plague	0	0	0	0	0	0	0	0	0	0	0	0
B12 Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0
B13 Smallpox	0	0	0	0	0	0	0	0	0	0	0	0
B14 Measles	0	0	1	0.04	0	0	2	0.09	3	0.05	3	0.03
B15 Typhus and other rickettsial diseases	0	0	0	0	0	0	0	0	0	0	0	0
B16 Malaria	0	0	0	0	0	0	0	0	0	0	0	0
B17 Other inf. & parasit.dis.	1	.03	0	0	0	0	3	0.14	3	0.05	4	0.04
B18 Malignant Neoplasms	60	1.5	6	0.2	4	0.8	5	0.2	15	0.3	75	0.8
B19 Benign & unsp. Neoplasms	0	0	0	0	0	0	0	0	0	0	0	0
E20 Diabetes Mellitus	4	0.1	1	0.04	0	0	1	0.05	2	0.04	6	0.06
E21 Anaemias	1	.03	0	0	0	0	0	0	0	0	1	0.01
E22 Vascr. lesions of C.N.S.	34	0.9	9	0.3	1	0.2	13	0.6	23	0.4	57	0.6
E23 Non Meningococcal Mgt.	0	0	1	0.04	0	0	1	0.05	2	0.04	2	0.02
E24 Rheumatic Fever	0	0	0	0	0	0	0	0	0	0	0	0
E25 Chronic Rheum. Heart dis.	0	0	2	0.07	0	0	0	0	2	0.04	2	0.02
E26 Arteriosclerotic and Degtve. heart disease	87	2.2	2	0.07	3	0.6	19	0.9	24	0.4	111	1.2
E27 Other diseases of heart	38	1.0	8	0.3	4	0.8	13	0.6	25	0.5	63	0.7
E28 Hypertension with heart disease	5	0.13	2	0.07	0	0	7	0.3	9	0.2	14	0.15
E29 Hypertension without mention of heart	0	0	0	0	0	0	0	0	0	0	0	0
B30 Influenza	0	0	0	0	0	0	0	0	0	0	0	0
B31 Pneumonia	11	0.28	31	1.1	5	1.0	8	0.4	44	0.8	55	0.6
B32 Bronchitis	1	.03	4	0.14	2	0.4	2	0.09	8	0.15	9	0.09
B33 Ulcer of Stomach & Duod.	2	.05	2	0.07	0	0	0	0	2	0.04	4	0.04
B34 Appendicitis	0	0	0	0	0	0	0	0	0	0	0	0
B35 Intestinal obstruction and hernia	4	0.1	0	0	0	0	0	0	0	0	4	0.04
B36 Gastritis, Enteritis, Exc. of newborn	3	0.08	29	1.03	1	0.2	9	0.4	39	0.7	42	0.44
B37 Cirrhosis of liver	2	0.05	1	0.04	0	0	0	0	1	0.02	3	0.03
B38 Nephritis & Nephrosis	4	0.1	3	0.1	0	0	2	0.09	5	0.09	9	0.09
B39 Hyperplasia of Prostate	1	.03	0	0	0	0	1	0.05	1	0.02	2	0.02
E40 Complicns. of pregnancy, childbirth & puerperium	0	0	1	0.04	0	0	1	0.05	2	0.04	2	0.02
E41 Congenital Malformns.	1	0.03	1	0.04	0	0	2	0.09	3	0.05	4	0.04
E42 Birth injuries, atelectasis, etc.	0	0	1	0.04	1	0.2	2	0.09	4	0.07	4	0.04
E43 Infections of newborn	0	0	0	0	0	0	0	0	0	0	0	0
E44 Other diseases of early infancy & immaturity	7	0.2	12	0.4	1	0.2	13	0.6	26	0.5	33	0.35
E45 Senility, without psychosis	8	0.2	0	0	0	0	0	0	0	0	8	0.08
E46 All other diseases	46	1.2	54	1.9	4	0.3	21	0.9	79	1.4	125	1.3
E47 Motor vehicle accidents	6	0.2	4	0.14	1	0.2	1	0.05	6	0.1	12	0.12
E48 All other accidents	6	0.2	7	0.25	1	0.2	1	0.05	9	0.16	15	0.15
E49 Suicide	2	0.05	0	0	0	0	2	0.09	2	0.04	4	0.04
B50 Homicide and war	0	0	3	0.1	0	0	0	0	3	0.05	3	0.03
TOTAL	335	8.5	193	6.8	31	6.5	132	5.9	356	6.4	691	7.3

Year	Month	Day	Particulars	Debit	Credit	Balance
1880	Jan	1	Balance forward			100.00
1880	Jan	2	By Cash		50.00	150.00
1880	Jan	3	To Cash	20.00		130.00
1880	Jan	4	By Cash		30.00	160.00
1880	Jan	5	To Cash	10.00		150.00
1880	Jan	6	By Cash		40.00	190.00
1880	Jan	7	To Cash	15.00		175.00
1880	Jan	8	By Cash		25.00	200.00
1880	Jan	9	To Cash	30.00		170.00
1880	Jan	10	By Cash		15.00	185.00
1880	Jan	11	To Cash	25.00		160.00
1880	Jan	12	By Cash		35.00	195.00
1880	Jan	13	To Cash	18.00		177.00
1880	Jan	14	By Cash		22.00	199.00
1880	Jan	15	To Cash	12.00		187.00
1880	Jan	16	By Cash		28.00	215.00
1880	Jan	17	To Cash	22.00		193.00
1880	Jan	18	By Cash		18.00	211.00
1880	Jan	19	To Cash	16.00		195.00
1880	Jan	20	By Cash		24.00	219.00
1880	Jan	21	To Cash	14.00		205.00
1880	Jan	22	By Cash		20.00	225.00
1880	Jan	23	To Cash	11.00		214.00
1880	Jan	24	By Cash		17.00	231.00
1880	Jan	25	To Cash	9.00		222.00
1880	Jan	26	By Cash		13.00	235.00
1880	Jan	27	To Cash	7.00		228.00
1880	Jan	28	By Cash		11.00	239.00
1880	Jan	29	To Cash	5.00		234.00
1880	Jan	30	By Cash		9.00	243.00
1880	Feb	1	To Cash	3.00		240.00
1880	Feb	2	By Cash		6.00	246.00
1880	Feb	3	To Cash	2.00		244.00
1880	Feb	4	By Cash		4.00	248.00
1880	Feb	5	To Cash	1.00		247.00
1880	Feb	6	By Cash		3.00	250.00
1880	Feb	7	To Cash	0.50		249.50
1880	Feb	8	By Cash		2.00	251.50
1880	Feb	9	To Cash	0.25		251.25
1880	Feb	10	By Cash		1.50	252.75
1880	Feb	11	To Cash	0.125		252.625
1880	Feb	12	By Cash		1.00	253.625
1880	Feb	13	To Cash	0.0625		253.5625
1880	Feb	14	By Cash		0.75	254.3125
1880	Feb	15	To Cash	0.03125		254.28125
1880	Feb	16	By Cash		0.50	254.78125
1880	Feb	17	To Cash	0.015625		254.765625
1880	Feb	18	By Cash		0.375	255.140625
1880	Feb	19	To Cash	0.0078125		255.1328125
1880	Feb	20	By Cash		0.25	255.3828125
1880	Feb	21	To Cash	0.00390625		255.37890625
1880	Feb	22	By Cash		0.125	255.50390625
1880	Feb	23	To Cash	0.001953125		255.501953125
1880	Feb	24	By Cash		0.0625	255.564453125
1880	Feb	25	To Cash	0.0009765625		255.5634765625
1880	Feb	26	By Cash		0.03125	255.5947265625
1880	Feb	27	To Cash	0.00048828125		255.59423828125
1880	Feb	28	By Cash		0.015625	255.60986328125
1880	Feb	29	To Cash	0.000244140625		255.609619140625
1880	Feb	30	By Cash		0.0078125	255.617431640625
1880	Mar	1	To Cash	0.0001220703125		255.6173095703125
1880	Mar	2	By Cash		0.00390625	255.6212158203125
1880	Mar	3	To Cash	0.00006103515625		255.62115478515625
1880	Mar	4	By Cash		0.001220703125	255.62237548828125
1880	Mar	5	To Cash	0.000030517578125		255.622344970703125
1880	Mar	6	By Cash		0.00030517578125	255.622650146484375
1880	Mar	7	To Cash	0.0000152587890625		255.622634887703125
1880	Mar	8	By Cash		0.000152587890625	255.62278747559375
1880	Mar	9	To Cash	0.00000762939453125		255.622779846203125
1880	Mar	10	By Cash		0.0000762939453125	255.6228561401484375
1880	Mar	11	To Cash	0.000003814697265625		255.622852325451171875
1880	Mar	12	By Cash		0.00003814697265625	255.622890472423828125
1880	Mar	13	To Cash	0.0000019073486328125		255.6228885650751953125
1880	Mar	14	By Cash		0.000019073486328125	255.6229076385615234375
1880	Mar	15	To Cash	0.00000095367431640625		255.62290668488720703125
1880	Mar	16	By Cash		0.0000095367431640625	255.62291622163037109375
1880	Mar	17	To Cash	0.000000476837158203125		255.62291574479325078125
1880	Mar	18	By Cash		0.00000476837158203125	255.6229205131648328125
1880	Mar	19	To Cash	0.0000002384185791015625		255.6229192747462537109375
1880	Mar	20	By Cash		0.000002384185791015625	255.62292165893204484375
1880	Mar	21	To Cash	0.00000011920928955078125		255.62292153972275537109375
1880	Mar	22	By Cash		0.0000011920928955078125	255.622922731815650390625
1880	Mar	23	To Cash	0.000000059604644775390625		255.622922672210955859375
1880	Mar	24	By Cash		0.00000059604644775390625	255.6229232682573850000000
1880	Mar	25	To Cash	0.0000000298023223876953125		255.622923238455062609375
1880	Mar	26	By Cash		0.000000298023223876953125	255.62292353647835654296875
1880	Mar	27	To Cash	0.00000001490116119384765625		255.622923521577237158203125
1880	Mar	28	By Cash		0.0000001490116119384765625	255.62292367058885100390625
1880	Mar	29	To Cash	0.000000007450580596923828125		255.6229236631382717615234375
1880	Mar	30	By Cash		0.00000007450580596923828125	255.622923737644068750000000
1880	Mar	31	To Cash	0.0000000037252902984619140625		255.622923733918778455859375
1880	Mar	31	By Cash		0.000000037252902984619140625	255.62292377117168141796875

SEASONAL OCCURRENCE OF DEATHS

	European			Bantu			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January, 1961	9	20	29	20	12	32	3	1	4	6	6	12	29	19	48
February	9	8	17	16	5	21	1	0	1	2	3	5	19	8	27
March	10	13	23	3	2	5	1	2	3	2	8	10	6	12	18
April	15	13	28	15	11	26	2	0	2	9	7	16	26	18	44
May	29	13	42	7	6	13	2	2	4	7	6	13	16	14	30
June	26	17	43	11	7	18	3	3	6	5	5	10	19	15	34
July	22	9	31	5	4	9	0	1	1	6	6	12	11	11	22
August	12	16	28	9	3	12	0	1	1	6	5	11	15	9	24
September	10	11	21	8	6	14	1	3	4	4	5	9	13	14	27
October	17	11	28	10	4	14	1	0	1	12	3	15	23	7	30
November	10	12	22	13	8	21	1	1	2	2	4	6	16	13	29
December	15	8	23	5	3	8	1	1	2	10	3	13	16	7	23
TOTAL :	184	151	335	122	71	193	16	15	31	71	61	132	209	147	356

DEATHS OF RESIDENTS GIVEN IN AGE GROUPS

	European			Bantu			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	6	3	9	39	35	74	1	3	4	15	19	34	55	57	112
1 - 2 years	0	0	0	14	10	24	1	0	1	6	3	9	21	13	34
2 - 4 years	2	0	2	0	2	2	0	1	1	1	2	3	1	5	6
5 - 14 years	3	0	3	5	3	8	0	1	1	2	1	3	7	5	12
15 - 24 years	7	1	8	4	4	8	0	0	0	1	1	2	5	5	10
25 - 34 years	7	0	7	6	2	8	1	2	3	2	1	3	9	5	14
35 - 44 years	3	3	6	8	3	11	3	0	3	5	9	14	16	12	28
TOTAL 0 - 44 years	28	7	35	76	59	135	6	7	13	32	36	68	114	102	216
45 - 54 years	16	6	22	17	4	21	3	1	4	5	4	9	25	9	34
55 - 64 years	33	24	57	13	4	17	4	2	6	10	8	18	27	14	41
65 - 74 years	41	40	81	10	3	13	3	3	6	8	12	20	21	18	39
75 and Over	66	74	140	6	1	7	0	2	2	16	1	17	22	4	26
TOTAL :	184	151	335	122	71	193	16	15	31	71	61	132	209	147	356

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1	1	2	3	4	5	6	7	8	9	10	11	12
2	13	14	15	16	17	18	19	20	21	22	23	24
3	25	26	27	28	29	30	31	32	33	34	35	36
4	37	38	39	40	41	42	43	44	45	46	47	48
5	49	50	51	52	53	54	55	56	57	58	59	60
6	61	62	63	64	65	66	67	68	69	70	71	72
7	73	74	75	76	77	78	79	80	81	82	83	84
8	85	86	87	88	89	90	91	92	93	94	95	96
9	97	98	99	100	101	102	103	104	105	106	107	108
10	109	110	111	112	113	114	115	116	117	118	119	120
11	121	122	123	124	125	126	127	128	129	130	131	132
12	133	134	135	136	137	138	139	140	141	142	143	144
13	145	146	147	148	149	150	151	152	153	154	155	156
14	157	158	159	160	161	162	163	164	165	166	167	168
15	169	170	171	172	173	174	175	176	177	178	179	180
16	181	182	183	184	185	186	187	188	189	190	191	192
17	193	194	195	196	197	198	199	200	201	202	203	204
18	205	206	207	208	209	210	211	212	213	214	215	216
19	217	218	219	220	221	222	223	224	225	226	227	228
20	229	230	231	232	233	234	235	236	237	238	239	240
21	241	242	243	244	245	246	247	248	249	250	251	252
22	253	254	255	256	257	258	259	260	261	262	263	264
23	265	266	267	268	269	270	271	272	273	274	275	276
24	277	278	279	280	281	282	283	284	285	286	287	288
25	289	290	291	292	293	294	295	296	297	298	299	300

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Page	Chapter V			Chapter VI			Chapter VII			Chapter VIII		
	1	2	3	4	5	6	7	8	9	10	11	12
26	301	302	303	304	305	306	307	308	309	310	311	312
27	313	314	315	316	317	318	319	320	321	322	323	324
28	325	326	327	328	329	330	331	332	333	334	335	336
29	337	338	339	340	341	342	343	344	345	346	347	348
30	349	350	351	352	353	354	355	356	357	358	359	360
31	361	362	363	364	365	366	367	368	369	370	371	372
32	373	374	375	376	377	378	379	380	381	382	383	384
33	385	386	387	388	389	390	391	392	393	394	395	396
34	397	398	399	400	401	402	403	404	405	406	407	408
35	409	410	411	412	413	414	415	416	417	418	419	420
36	421	422	423	424	425	426	427	428	429	430	431	432
37	433	434	435	436	437	438	439	440	441	442	443	444
38	445	446	447	448	449	450	451	452	453	454	455	456
39	457	458	459	460	461	462	463	464	465	466	467	468
40	469	470	471	472	473	474	475	476	477	478	479	480
41	481	482	483	484	485	486	487	488	489	490	491	492
42	493	494	495	496	497	498	499	500	501	502	503	504
43	505	506	507	508	509	510	511	512	513	514	515	516
44	517	518	519	520	521	522	523	524	525	526	527	528
45	529	530	531	532	533	534	535	536	537	538	539	540
46	541	542	543	544	545	546	547	548	549	550	551	552
47	553	554	555	556	557	558	559	560	561	562	563	564
48	565	566	567	568	569	570	571	572	573	574	575	576
49	577	578	579	580	581	582	583	584	585	586	587	588
50	589	590	591	592	593	594	595	596	597	598	599	600

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

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

RESIDENTS ONLY

	European	Bantu	Coloured	Asiatic
01-009 Tuberculosis	1 : 0.3%	7 : 3.6%	2 : 6.5%	3 : 2.3%
02-039 Syphilis & other Venereal Diseases	0 : 0%	0 : 0%	0 : 0%	0 : 0%
04-064 Infectious disease of intestinal tract and other bacterial disease	1 : 0.3%	4 : 2.1%	1 : 3.2%	3 : 2.3%
05-096 Diseases attributable to Viruses	0 : 0%	1 : 0.5%	0 : 0%	2 : 1.5%
06-205 Malignant Neoplasms	60 : 17.9%	6 : 3.1%	4 : 12.9%	5 : 3.8%
07-000 Diabetes	4 : 1.2%	1 : 0.5%	0 : 0%	1 : 0.8%
08-334 Vascular lesions affecting C.N.S.	34 : 10.1%	9 : 4.7%	1 : 3.2%	13 : 9.8%
09-468 Cardiac Diseases and other diseases of Circulatory System	154 : 46.0%	16 : 8.3%	7 : 22.6%	42 : 31.8%
10-527 Respiratory Diseases (non-tuberculous)	17 : 5.1%	37 : 19.2%	8 : 25.8%	11 : 8.3%
11-571 Gastro-enteritis and Colitis (age 4 weeks and over)	3 : 0.9%	29 : 15.0%	1 : 3.2%	9 : 6.8%
12-587 Other diseases of Digestive System	11 : 3.3%	5 : 2.6%	0 : 0%	3 : 2.3%
13-594 Nephritis and Nephrosis	4 : 1.2%	3 : 1.6%	0 : 0%	2 : 1.5%
14-759 Congenital Malformations	1 : 0.3%	1 : 0.5%	0 : 0%	2 : 1.5%
15-776 Certain diseases of early infancy	7 : 2.1%	13 : 6.7%	2 : 6.5%	15 : 11.4%
16-795 Senility and ill defined diseases	18 : 5.4%	26 : 13.5%	2 : 6.5%	6 : 4.5%
17-999 Accidents, violence, poisoning	14 : 4.2%	14 : 7.3%	2 : 6.5%	4 : 3.0%
Other causes	6 : 1.8%	21 : 10.9%	1 : 3.2%	11 : 8.3%
TOTAL DEATHS :	335	193	31	132

No.	Date	Particulars	Debit	Credit
1	1880	Balance		100.00
2	1881
3	1882
4	1883
5	1884
6	1885
7	1886
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210	2089
211	2090
212	2091
213	2092
214	2093
215	2094
216	2095
217	2096
218	2097
219	2098
220	2099
221	2100

TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE : (INCIDENCE PER 1,000 POPULATION IN BRACKETS)

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

	European	Bantu	Coloured	Asiatic	All Non-Eur.	All Races
Enteric Fever	2 (0.05)	6 (0.2)	1 (0.2)	1 (0.05)	8 (0.15)	10 (0.1)
Pulmonary Tuberculosis	4 (0.1)	80 (2.8)	3 (0.6)	23 (1.0)	106 (1.9)	110 (1.2)
Tuberculosis - Other forms	0	3 (0.1)	0	4 (0.2)	7 (0.1)	7 (0.07)
Scarlet Fever	37 (0.9)	0	0	0	0	37 (0.4)
Erysipelas	0	1 (0.04)	0	0	1 (0.02)	1 (0.01)
Puerperal Sepsis	0	0	0	3 (0.1)	3 (0.05)	3 (0.03)
Malaria	0	0	0	0	0	0
Diphtheria	8 (0.2)	2 (0.07)	1 (0.2)	3 (0.1)	6 (0.1)	14 (0.15)
Diphtheria Carriers	0	0	0	0	0	0
Cerebrospinal Fever	0	0	0	0	0	0
Anterior Poliomyelitis (Paralytic)	1 (0.025)	0	0	0	0	1 (0.01)
Anterior Poliomyelitis (Non-Paralytic)	0	0	0	0	0	0
Encephalitis	0	0	0	0	0	0
Leprosy	0	1 (0.04)	0	0	1 (0.02)	1 (0.01)
Ophthalmia Neonatorum	0	1 (0.04)	0	0	1 (0.02)	1 (0.01)
Gonorrhoeal Ophthalmia	0	0	0	0	0	0
TOTAL :	52 (1.3)	94 (3.8)	5 (1.0)	34 (1.5)	133 (2.4)	185 (1.9)

Year	Month	Day	Time	Location	Observations
1914	Jan	1	10:00	...	...
1914	Jan	2	10:00	...	...
1914	Jan	3	10:00	...	...
1914	Jan	4	10:00	...	...
1914	Jan	5	10:00	...	...
1914	Jan	6	10:00	...	...
1914	Jan	7	10:00	...	...
1914	Jan	8	10:00	...	...
1914	Jan	9	10:00	...	...
1914	Jan	10	10:00	...	...
1914	Jan	11	10:00	...	...
1914	Jan	12	10:00	...	...
1914	Jan	13	10:00	...	...
1914	Jan	14	10:00	...	...
1914	Jan	15	10:00	...	...
1914	Jan	16	10:00	...	...
1914	Jan	17	10:00	...	...
1914	Jan	18	10:00	...	...
1914	Jan	19	10:00	...	...
1914	Jan	20	10:00	...	...
1914	Jan	21	10:00	...	...
1914	Jan	22	10:00	...	...
1914	Jan	23	10:00	...	...
1914	Jan	24	10:00	...	...
1914	Jan	25	10:00	...	...
1914	Jan	26	10:00	...	...
1914	Jan	27	10:00	...	...
1914	Jan	28	10:00	...	...
1914	Jan	29	10:00	...	...
1914	Jan	30	10:00	...	...
1914	Jan	31	10:00	...	...

...

(2) INFECTIOUS DISEASE

There were only 185 notifications of infectious disease as compared with 242 in 1960, a 24% improvement. (See page 9).

ISOLATION HOSPITAL (EUROPEAN INFECTIOUS DISEASE) (Page 55).

Altogether 106 patients were admitted during the year 1961, 86 Borough and 20 Out-of-Borough. Figures for previous years were:-

1960 : 156; 1959 : 202; 1958 : 184; 1957 : 180; 1956 : 243; 1955 : 147;
1954 : 117; July-December, 1953 : 90; 1951-1952 : 222; 1950-1951 : 204.

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

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL (Page 55).

Admissions during 1961 totalled 299, 84 Borough and 215 Out-of-Borough cases, a decrease on last year's total of 339. Admissions during previous years have been as follows:-

1960 : 339; 1959 : 384; 1958 : 400; 1957 : 381; 1956 : 414; 1955 : 331;
1954 : 256; July-December, 1953 : 130 : 1951-1952 : 223; 1950-1951 : 304.

AMBULANCE

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

- 1) Total number of cases removed : 4,768.
- 2) Infectious cases removed : 689.

LABORATORY WORK:

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

Swabs for Diphtheria Bacilli	133
Swabs for Haemolytic Streptococci	199
Smears, Swabs, Pus for Gonococcus, organisms, etc.	6
Cerebro-spinal Fluids	11
Blood (Vi, Sugar and other examinations)	0
Blood (Counts, Smears)	16
Cough Plates	0
Sputum and Pleural Fluids (T.B., organisms, sensitivity)	6
Stools (Parasites, T.B., S. Typhi, etc.)	9
Urines (Chemical, microscopic, diastatic index, S. Typhi, etc.)	8
Milk - for Bacterial Count	100
Milk - Phosphatase Test	248
	<u>736</u>

Laboratory work done by Municipal Bio-Chemist:

Milk - for Phosphatase Test	151
Drinking Water - for Bacteriological Count	521

Work

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Second main paragraph of text, continuing the faint, illegible content.

Third main paragraph of text, with some faint lines appearing to be a list or table.

Fourth main paragraph of text, continuing the faint, illegible content.

Fifth main paragraph of text, containing faint lines that may be a list or table.

Sixth main paragraph of text, continuing the faint, illegible content.

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LABORATORY WORK Cont'd.

Work done in Departmental Laboratory:-

No. of Mosquito larvae examined	:	413
No. of Mosquito adults examined	:	0
No. of Snails examined	:	359
No. of Physopsis identified	:	48

NOTIFIABLE INFECTIOUS DISEASE

- (a) ANTHRAX. No cases notified.
- (b) SMALLPOX. No cases were reported this year.

VACCINATION.

Every Bantu registering at the Municipal Pass Office is vaccinated when he is medically examined. (See page 24).

In addition, vaccination of infants (all races) has been carried out at the Municipal Infant Welfare Clinics, and adults applying to the Public Health Department are also vaccinated. This service serves to supplement the free service available to the public through the Public Vaccination carried out by the District Surgeon.

The Registrar of Vaccination has supplied the following figures of total vaccinations in Pietermaritzburg, reported to the Registrar of Vaccination.

Successful Vaccinations (under 2)	.....	155
Successful Vaccinations (over 2)	.....	28
Insusceptible to Vaccination (under 2)	.....	3
Insusceptible to Vaccination (over 2)	.....	2
Exempted from Vaccination	.....	0

The number of vaccinations carried out by this Department at its Clinics during this period was 4128 (Eur. 594; Bantu 1936; Col. 246; As. 1352).

(c) DIPHTHERIA.

The total number of cases notified in 1961 was 14, as compared with 17 last year, and 1 Coloured child (not immunised) died from this disease.

The immunisation history in 14 known cases (confirmed by Virulence tests) admitted to our hospitals during 1961 was as follows:-

Immunised	Non-Immunised
Total cases : 4 (4 Eur.; 0 Non-Eur.)	Total cases : 33 (10 Eur.; 23 Non-Eur.)
Deaths : Nil (Eur. 0)	Deaths : 4 (0 Eur.; 4 Non-Eur.)

2,019 Immunisation courses against Diphtheria were completed at the Infant Clinic Sessions, a decrease on last year's figure of 2,322. (Eur. 601; Bantu 160; Col. 185; As. 984.)

Race	Pre-Inoculation Schick Tests	No. Positive	Post-Inoculation Schick Tests	No. Positive
European	13	8	4	-
Bantu	-	-	-	-
Coloured	-	-	-	-
Asiatic	-	-	-	-

DATE: _____

NAME: _____

TOPIC: _____

OBJECTIVE: _____

THEORY: _____

PROCEDURE

1. Preparation of the solution...

2. Measurement of the volume...

3. Calculation of the concentration...

4. Results and discussion...

5. Conclusion...

REFERENCES

1. Textbook of Chemistry, Vol. 1, p. 123.

2. Journal of Chemical Education, 1980, 57, 123.

Sl. No.	Name of the Reference
1	Textbook of Chemistry, Vol. 1, p. 123.
2	Journal of Chemical Education, 1980, 57, 123.

APPENDIX

Sl. No.	Observation
1	Color change from colorless to pink.
2	Formation of a white precipitate.

DIPHTHERIA Cont'd.

The following table gives the Total Births, the Notifications and Deaths from Diphtheria, and the number of Children Immunised by the Public Health Department since 1947:-

DIPHTHERIA

YEAR	EUROPEAN				BANTU				COLOURED				ASIATIC			
	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths
1947-June, 1948	704	275	10	1	303	118	4	1	133	120	5	2	704	261	14	2
1948- " 1949	703	672	43	4	279	134	7	2	116	125	2	1	670	393	10	3
1949- " 1950	669	520	21	4	263	102	34	6	109	106	6	1	669	391	5	-
1950- " 1951	636	272	13	-	272	88	41	3	165	140	7	1	840	366	8	1
1951- " 1952	682	262	12	1	326	67	2	1	163	152	2	-	717	435	-	-
1952- " 1953	702	221	16	2	248	53	5	-	187	74	1	-	639	369	4	-
1954-Dec., 1954	1019	660	14	-	914	154	8	2	265	252	-	-	1200	698	8	2
- Dec., 1955	664	610	*17	1	1114	347	6	1	174	203	2	-	686	1333	9	1
- " 1956	685	398	°22	2	1101	257	6	1	170	156	1	-	790	632	2	-
- " 1957	701	371	19	1	874	123	-7	1	179	177	-	-	788	838	3	1
- " 1958	798	367	9	-	669	172	-11	5	217	143	°5	-	779	678	5	2
- " 1959	777	753	"26	3	630	258	2	2	206	265	-	-	837	978	5	2
- " 1960	753	596	°11	1	703	197	1	1	210	243	2	-	748	1296	3	-
- " 1961	762	601	8	-	687	160	2	-	191	185	1	1	827	984	3	-

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

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

(d) SCARLET FEVER

37 Cases were notified as compared with 49 cases last year. The disease continued to be mild.

(e) CEREBRO-SPINAL MENINGITIS

No cases were notified during the year, as compared with 4 last year.

(f) ANTERIOR POLIOMYELITIS

Only 1 case (Eur.) was notified this year, as compared with 6 last year. There were no deaths amongst these cases. This case was paretic and had not been immunised.

"Salk" type vaccine was freely available and was possible to offer the vaccine to adults up to the age of 40 who applied to the Department. Oral vaccine was issued to persons between the ages of 3 months and 30 years. This vaccine contained Types I, II and III, and three issues were made as part of the State Health Department's campaign. Some "Salk" vaccine injections were given to complete courses already commenced in children.

Reactions to the vaccines were few in number and in no case became serious. During 1961 this Department administered the following Anti-Poliomyelitis inoculations:-

Oral/

DATE	DESCRIPTION	AMOUNT		BALANCE	
		DEBIT	CREDIT	DEBIT	CREDIT
1901					
1902					
1903					
1904					
1905					
1906					
1907					
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1998					
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2000					

STATE OF CALIFORNIA
 DEPARTMENT OF REVENUE
 STATE TREASURY

REVENUE ACCOUNT

FOR THE YEAR ENDING DECEMBER 31, 1901

BY THE COMMISSIONERS OF REVENUE

SACRAMENTO, CALIFORNIA

1902

PRINTED BY THE STATE PRINTING OFFICE

SACRAMENTO, CALIFORNIA

1902

(f) ANTERIOR POLIOMYELITIS Cont'd.

	Oral Vaccine	"Salk" Vaccine (injection)	Total
Europeans	57,304	191	57,495
Bantu	27,517	-	27,517
Coloureds	8,148	45	8,193
Asiatics	35,135	241	35,376
TOTAL	128,104	477	128,581

The following comparative table indicates the target aimed at and the percentage realisation in Pietermaritzburg in the 3 Rounds of the National Oral Poliomyelitis Vaccination Campaign in 1961.

	1st Round		2nd Round		3rd Round		Target Figures (Estimated population eligible for vaccine)
	Total	% of target	Total	% of target	Total	% of target	
Europeans	19,196	87½%	18,701	85%	19,968	91%	21,926
Bantu	2,962	41½%	1,937	27%	2,657	37%	7,160
Coloureds	3,012	92%	2,495	77%	2,641	81%	3,277
Asiatics	13,207	90½%	10,794	74%	10,780	74%	14,569
Total	38,377	82%	33,927	72%	36,046	77%	46,932

The objective of the National Campaign was to secure the establishment in the susceptible population of a non-virulent form of poliomyelitis virus which would produce immunity against the paralysis-producing forms of natural virus usually encountered in the population (the so-called "wild" viruses), and also to replace the "wild" virus in the population completely by the harmless virus. It is estimated that at least 90% of the susceptible population should be reached by the Campaign if this objective is to be secured. We did not, however, quite reach that target in Pietermaritzburg.

The annual incidence of Poliomyelitis in Pietermaritzburg is shown in the following table of notifications:-

1941 - 0;	1942 - 12;	1943 - 2;	1944 - 15;	1945 - 7;
1946 - 0;	1947 - 2;	1948 - 32;	1949 - 4;	1950 - 1;
1951 - 11;	1952 - 3;	1953 - 3;	1954 - 25;	1955 - 20;
1956 - 51;	1957 - 20;	1958 - 4;	1959 - 4;	1960 - 6;
1961 - 1.				

Poliomyelitis cases are treated in the Municipal Isolation Hospitals for a period of three weeks and then transferred to the Provincial Hospitals or to the Uplands Orthopaedic Home for further orthopaedic treatment when required.

(g) ENCEPHALITIS

No cases of Infective Encephalitis were notified. 1 Out-of-Borough case of Mumps Encephalitis was admitted to the Isolation Hospital.

(h) ENTERIC FEVER.

10 Cases were notified, 2 European, 6 Bantu, 1 Coloured and 1 Asiatic, as compared with 4 cases last year.

1917	...	...	...
1918	...	...	...
1919	...	...	...
1920	...	...	...

The following table shows the results of the survey conducted in the year 1920. The data is presented in the following table:

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The following table shows the results of the survey conducted in the year 1920. The data is presented in the following table:

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The following table shows the results of the survey conducted in the year 1920. The data is presented in the following table:

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The following table shows the results of the survey conducted in the year 1920. The data is presented in the following table:

(h) ENTERIC FEVER. Cont'd.

20 Persons were immunised (15 European and 5 Bantu), contacts of patients suffering from Typhoid Fever. (See also page 21, section (11) Milk Supplies.) In addition, employees of the City Engineer's Department at the Sewerage Farm and their families and in the Water Section are immunised yearly. (7 Europeans, 115 Bantu, 3 Coloureds, 212 Asiatics).

(3) TUBERCULOSIS. (Pages 39-40).

Notifications of Pulmonary Tuberculosis totalled 110, a considerable drop from last year's total of 140, 4 of these being of Europeans. Notifications of Non-Pulmonary Tuberculosis totalled 7 (all Non-European), as compared with 5 last year.

63 Borough cases (46 Bantu, 4 Coloureds and 13 Asiatics) were admitted to our Non-European Infectious Diseases Hospital.

Responsibility was accepted for the treatment of Pietermaritzburg cases of Pulmonary Tuberculosis at other hospitals as follows:-

Grey's Hospital	:	Eur. 3.
King George V / Springfield Hospital	:	Eur. 6; Bantu 2; As. 1.
Edendale Non-European Hospital	:	Bantu 28; As. 7.
S.A.N.T.A. Doris Goodwin Centre	:	Bantu 17.
Lilleshall Convalescent Home	:	Eur. 2.
Other Hospitals	:	Eur. 1; Bantu 10; As. 1.

The Natal Anti-Tuberculosis Association rendered assistance to 48 families in Pietermaritzburg (41 Bantu, 5 Coloured and 2 Asiatic).

The following tables illustrate the trend in notifications and deaths from this disease over the period 1935 - 1961:-

PULMONARY TUBERCULOSIS

	NOTIFICATIONS						DEATHS					
	Eur.	Bantu	Col.	As.	All Non-Eur.	Total	Eur.	Bantu	Col.	As.	All Non-Eur.	Total
July, 1935-June, 1936	17	38	15	32	85	102	2	14	3	12	29	31
" 1936- " 1937	8	40	8	20	68	76	4	18	7	17	42	46
" 1937- " 1938	17	40	15	14	69	86	7	29	7	7	43	50
" 1938- " 1939	15	40	15	10	65	80	5	19	6	8	33	38
" 1939- " 1940	7	23	7	17	47	54	4	15	7	9	31	35
" 1940- " 1941	7	13	11	7	31	38	3	19	1	6	29	32
" 1941- " 1942	8	22	6	18	46	54	5	9	1	15	25	30
" 1942- " 1943	8	29	2	27	58	66	5	13	2	16	31	36
" 1943- " 1944	5	23	3	24	50	55	3	14	4	14	32	35
" 1944- " 1945	13	52	5	30	87	100	3	14	4	11	29	32
" 1945- " 1946	12	60	10	24	94	106	10	24	6	12	42	52
" 1946- " 1947	10	51	13	25	89	99	11	31	6	11	48	59
" 1947- " 1948	*23	49	9	32	90	113	9	23	4	18	45	54
" 1948- " 1949	18	68	8	22	98	116	8	44	4	11	59	67
" 1949- " 1950	17	62	9	17	88	105	3	27	3	10	40	43
" 1950- " 1951	18	58	9	38	105	123	2	20	3	9	32	34
" 1951- " 1952	17	64	15	33	112	129	1	30	6	13	49	50
" 1952- " 1953	18	65	21	46	132	150	3	11	5	3	19	22
Jan., 1954-Dec., 1954	20	44	5	12	61	81	3	6	2	5	13	16
Jan., -Dec., 1955	14	75	9	31	115	129	0	11	2	2	15	15
" - " 1956	8	86	14	11	11	119	0	3	0	4	7	7
" - " 1957	11	84	11	23	118	129	2	14	1	2	17	19
" - " 1958	13	83	10	24	117	130	2	11	0	8	19	21
" - " 1959	9	97	6	21	124	133	1	9	0	2	11	12
" - " 1960	8	92	10	30	132	140	0	10	0	2	12	12
" - " 1961	4	80	3	23	106	110	1	6	2	1	9	10

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

NON-PULMONARY TUBERCULOSIS /

(1) THEORY - Quals
 The first part of the exam is a written test. It consists of several questions that require a detailed answer. The questions are designed to test your understanding of the theory and your ability to apply it to specific situations.

(2) EXERCISES - Quals
 The second part of the exam is a practical test. It consists of several exercises that require you to perform calculations and draw conclusions. The exercises are designed to test your ability to apply the theory to real-world situations.

(3) THEORY - Quals
 The third part of the exam is a written test. It consists of several questions that require a detailed answer. The questions are designed to test your understanding of the theory and your ability to apply it to specific situations.

(4) EXERCISES - Quals
 The fourth part of the exam is a practical test. It consists of several exercises that require you to perform calculations and draw conclusions. The exercises are designed to test your ability to apply the theory to real-world situations.

(5) THEORY - Quals
 The fifth part of the exam is a written test. It consists of several questions that require a detailed answer. The questions are designed to test your understanding of the theory and your ability to apply it to specific situations.

Year	Score	Grade	Comments
2010	85	A	Excellent performance in theory and exercises.
2011	78	B	Good performance, some minor errors in calculations.
2012	82	A-	Strong understanding of theory, excellent application.
2013	75	B+	Good performance, consistent across all parts.
2014	80	A-	Excellent performance in theory, good in exercises.
2015	72	B	Good performance, some errors in theory questions.
2016	88	A+	Outstanding performance in both theory and exercises.
2017	70	B-	Good performance, some errors in calculations.
2018	83	A-	Strong understanding of theory, excellent application.
2019	77	B	Good performance, consistent across all parts.
2020	81	A-	Excellent performance in theory, good in exercises.
2021	74	B+	Good performance, some errors in theory questions.
2022	86	A	Outstanding performance in both theory and exercises.
2023	79	B	Good performance, consistent across all parts.
2024	84	A-	Strong understanding of theory, excellent application.
2025	76	B	Good performance, some errors in calculations.
2026	87	A	Excellent performance in both theory and exercises.
2027	73	B+	Good performance, some errors in theory questions.
2028	89	A+	Outstanding performance in both theory and exercises.
2029	71	B-	Good performance, some errors in calculations.
2030	85	A	Excellent performance in both theory and exercises.

(3) TUBERCULOSIS Cont'd.NON-PULMONARY TUBERCULOSIS

	NOTIFICATIONS						DEATHS					
	Eur.	Bantu	Col.	As.	All Non Eur.	Total	Eur.	Bantu	Col.	As.	All Non-Eur.	Total
July, 1935-June, 1936	3	3	1	6	10	13	1	2	0	2	4	5
" 1936- " 1937	2	8	0	5	13	15	1	4	0	3	7	8
" 1937- " 1938	5	10	3	6	19	24	3	1	2	3	6	9
" 1938- " 1939	1	3	0	3	6	7	0	2	0	2	4	4
" 1939- " 1940	2	3	1	3	7	9	1	2	1	0	3	4
" 1940- " 1941	3	2	P	3	5	8	2	1	0	0	1	3
" 1941- " 1942	2	7	2	7	16	18	1	3	1	3	7	8
" 1942- " 1943	1	3	4	2	9	10	1	1	1	3	5	6
" 1943- " 1944	1	4	0	3	7	8	0	5	1	3	9	9
" 1944- " 1945	2	6	1	8	15	17	0	3	2	5	10	10
" 1945- " 1946	1	5	3	3	11	12	1	4	1	3	8	9
" 1946- " 1947	1	8	3	2	13	14	0	11	3	3	17	17
" 1947- " 1948	*5	9	1	4	14	19	1	8	1	2	11	12
" 1948- " 1949	0	7	0	7	14	14	1	7	1	2	10	11
" 1949- " 1950	0	12	2	10	24	24	1	3	1	2	6	7
" 1950- " 1951	1	10	3	12	25	26	0	6	1	2	9	9
" 1951- " 1952	0	7	1	9	17	17	1	2	0	1	3	4
" 1952- " 1953	1	6	0	4	10	11	0	7	1	1	9	9
Jan., 1954-Dec., 1954	1	7	0	5	12	13	0	2	0	3	5	5
Jan. -Dec., 1955	1	4	1	3	8	9	1	3	0	0	3	4
" - " 1956	0	1	0	1	2	2	1	0	0	0	0	1
" - " 1957	4	2	1	1	4	8	0	2	1	1	4	4
" - " 1958	1	4	1	2	7	8	0	4	0	1	5	5
" - " 1959	0	3	1	3	7	7	1	3	0	1	4	5
" - " 1960	0	1	2	2	5	5	0	4	0	0	4	4
" - " 1961	0	3	0	4	7	7	0	1	0	1	2	2

* Includes 1 case also notified as Pulmonary Tuberculosis.

There was a definite improvement in the notifications of this disease in all races this year. The total of deaths was slightly less than last year. Approximately 26% of the total expenditure by this Department was under the head "Anti-Tuberculosis Measures".

MINIATURE MASS RADIOGRAPHY.

In 1954 the City Council installed a 70 mm. Miniature X-Ray set (a fixed unit) in the Public Health Department.

The following table indicates the type of patient coming to or being referred to the unit for a miniature X-Ray :- (See page 46 for detailed breakdown of these figures).

	European	N-European	Total
Referred ex Bantu Pass Office med. exam.	-	14,509	14,509
Referred for Pre-employment X-Ray	120	425	545
Referred by Employers	237	1,085	1,322
Referred by Doctors	186	961	1,147
Referred by Health Visitor	119	470	589
Applied Voluntarily for Miniature X-Ray	423	402	825
Follow-up X-Rays of cases attending Municipal Clinics or in T.B. or other Hospitals	62	956	1,018
Total Persons X-Rayed	1,147	18,808	19,955

(3) MEMORANDUM FOR THE SECRETARY OF DEFENSE

Item No.	Description	Quantity	Unit Price	Total
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This report was prepared in accordance with the instructions of the Department of Defense, Office of Management and Administration, regarding the submission of data for the annual report on the status of the Department's research and development activities. The data presented herein are based on the information provided by the various research and development organizations within the Department. It is noted that the data for certain items are preliminary and subject to change.

Category	Amount	Percentage
Research and Development	1,234,567,890	12.34%
Operational Activities	987,654,321	9.87%
Administrative Expenses	543,210,987	5.43%
Procurement	210,987,654	2.10%
Other	123,456,789	1.23%
Total	10,000,000,000	100.00%

(3) TUBERCULOSIS Cont'd.

The final results of investigations carried out on cases suspected to be suffering from Pulmonary Tuberculosis as a result of the Miniature X-Ray revealed the following:-

	<u>European</u>	<u>Non-European</u>	<u>Total</u>
Active cases of Pulmonary T.B.	3	123	126
Arrested cases of Pulmonary T.B.	4	48	42

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

All Bantu passing through the Municipal Registration Medical Examination have a Miniature X-Ray as a routine. This year's figures show that 196 out of a total of 14,309 Bantu (i.e. 13.5% were referred from the Pass Office for further investigation at the T.B. Clinic).

THE TUBERCULOSIS CLINIC (Page 45).

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

During the year there were 2,632 attendances at the Clinic (including 1,200 Out-of-Borough cases), as compared with last year's total of 2,279. All contacts are now referred first of all to the Miniature X-Ray Clinic or Mantoux tested in the case of children and only brought to clinic if found to be abnormal, whilst patients for Streptomycin injections only occasionally attend the clinic sessions as well, being supervised from the Streptomycin Clinic.

An increasing number of notifications of infants under the age of 2 has been noted and most of these cases came from the Bantu Womens' Hostel in the City and from the Sobantu Village.

NOTIFICATION OF INFANTS WITH PRIMARY TUBERCULOSIS:-

	<u>European</u>	<u>Bantu</u>	<u>Coloured</u>	<u>Asiatic</u>
1957	3	18	-	-
1958	-	19	2	3
1959	-	16	-	2
1960	1	8	-	3

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

'Heaf' Tuberculin Tests (Bantu)	B.C.G. inoculation (Hypodermic method) (Bantu)	'Heaf' Tuberculin tests following B.C.G. administration (Bantu)
Positive 29	191	Positive 52
Negative 164		Negative 21
Doubtful 3		Doubtful -
Not Read 40		Not Read 11
Total 236		Total 74

Cut-patient/

THE TUBERCULOSIS CLINIC Cont'd.

Out-patient continuation treatment with injections of Streptomycin and/or Oral I.N.H. and/or P.A.S. has been used for patients discharged from hospital. Patients for whom no bed can be found in hospital are also started on treatment until beds become available, and some cases are maintained on Out-Patient treatment alone.

During the year 11 European, 69 Bantu, 12 Coloured and 26 Asiatic patients received regular Streptomycin injections at the 4 special clinic sessions (2 in town and 2 at the Sobantu Village) held per week for this purpose. (See page 45). 3 European patients were given Streptomycin at home. One Bantu patient received his injections at his place of employment.

2,984 Visits were made to tuberculous and contacts in their homes, (Borough cases only), as compared with last year's total of 3,104.

The following notified cases were on our Tuberculosis Register as at 31st December, 1961. (1960 figures in brackets for comparison):-

	<u>Eur.</u>	<u>Bantu</u>	<u>Col.</u>	<u>As.</u>	<u>All N-Eur.</u>	<u>Total</u>
Pul. T.B.	122 (118)	672 (591)	82 (80)	267 (238)	909 (776)	1027 (885)
N-Pul. T.B.	7 (7)	24 (24)	9 (8)	35 (34)	66 (60)	73 (67)

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

Admissions totalled 128, 63 Borough cases (46 Bantu, 4 Coloured and 13 Asiatic) and 65 Out-of-Borough cases (56 Bantu, 6 Coloured and 3 Asiatic), as compared with 61 Borough and 59 Out-of-Borough cases last year.

There has been no difficulty in securing the admission of European cases to King George V Hospital for Tuberculosis in Durban, there being no Tuberculosis beds available for Europeans in Pietermaritzburg.

(4) VENEREAL DISEASE (Pages 50-54).

- (a), (b) One Clinic Session is held weekly for each race and sex, conducted by and (c) the Assistant Medical Officers of Health. These Clinics are held in the Public Health Department for Europeans and at the Municipal Clinic in East Street for Non-Europeans. Separate Clinic Sessions are held for European Males, European Females and Bantu Females. A combined session is held for Coloured and Asiatic Females, and a combined session is held for Coloured, Asiatic and Bantu Males. One European Health Visitor (half-time only), 1 Bantu Nurse, and 2 Bantu Health Assistants, assist at the Clinics. Two Bantu Health Assistants devote their full time to Venereal Diseases.
- (d) Every effort is made to trace contacts and sources of infection and to follow-up defaulters to ensure completion of treatment. A European Health Visitor deals with the investigation and follow-up of European, Coloured and Asiatic cases, and supervises the work of the Bantu Health Assistants who deal with Bantu only.
- (e) This Local Authority does not conduct the Ante-Natal Clinics held in Pietermaritzburg. The Medical Superintendent, Grey's Hospital, advises that the results of routine Wassermann Tests at the Ante-Natal Clinics are as follows:-

Europeans/

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VENEREAL DISEASE Cont'd.

	European		Bantu		Coloured		Asiatic	
	No. of Tests	% Positive	No. of Tests	% Positive	No. of Tests	% Positive	No. of Tests	% Positive
y, 1951 - June, 1952	58	0	5,019	13.6%	279	5.7%	862	3.2%
1952 - " 1953	164	1.8%	5,556	10.5%	201	1.0%	872	2.8%
1953 - Dec., 1954	81	1.2%	922	11.6%	95	2.1%	840	4.3%
., 1955 - " 1955	221	1.4%	-	-	230	7%	1,065	2.2%
1956 - " 1956	289	-	-	-	267	3.7%	1,073	1.8%
1957 - " 1957	298	1.4%	-	-	245	6.1%	1,125	2.1%
1958 - " 1958	300	1.3%	-	-	304	5.6%	1,207	2.3%
1959 - " 1959	291	2.8%	-	-	156	9.6%	725	5%
1960 - " 1960	346	5.8%	-	-	286	9.1%	1,111	4.8%
1961 - " 1961	376	1.9%	-	-	325	18.8%	1,343	8.2%

(Positives include screen positives.)

* Figures for 1953 - 1954 incomplete, owing to closing down of Mayor's Walk Hospital in Pietermaritzburg, and its transfer to Edendale. Bantu Ante-Natal Clinics have been transferred to Edendale Hospital and are no longer held in Pietermaritzburg.

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

No. of Tests : 139

WRs. Positive : 21 (15.1%)

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

	EUROPEAN				BANTU				COLOURED				ASIATIC			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
51-52	5.0	2.5	1	1	5.5	5.6	3.0	3.6	3.8	7.4	1	2.3	3.0	5.4	2.5	1.9
52-53	2.5	2.9	0	0	4.4	4.8	2.4	3.7	4.0	5.8	-	2.6	3.4	5.4	1.2	6.5
54	2.1	-	0.3	-	3.8	3.6	2.8	2.6	3.8	2.2	-	10.2	3.0	2.4	-	9.3
55	2.1	5	0	0	3.1	3.9	2	2.3	3.3	4.3	1.3	4.7	2.7	1.1	1	3.5
56	2.5	3.3	0	0	3.7	4.4	2	2.6	3.7	4.4	1	2.7	2.3	2.6	-	-
57	3.5	8.5	0	0	3.8	4.2	2.3	2.4	1.7	4.0	1	4	3.0	5.0	1	4.4
58	2.3	4.1	0	0	3.2	4.7	2.5	2.6	2.5	6.0	1.1	3.8	2.7	4.7	-	1.6
59	2.3	3.4	0	0	3.0	4.0	1.7	2.7	1.9	3.4	1	1	2.1	4.7	1	3.5
60	3.8	3.0	0	2	2.8	3.4	1.3	1.8	1.8	4.0	1.8	1.8	3.1	2.9	2	2.6
61	5.2	4.2	0	1	3.1	3.5	1.3	2.7	1.9	4.6	1	2.3	1.6	4.1	1	2.4

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

(g) There was an increase in Clinic Attendances for 1961, there being 3,767 attendances during the year, as compared with last year's total of 2,704. 1,081 Home Visits were paid to cases of Venereal Disease during the year as compared with 1960 total of 464.

EPIDEMIC HOSPITAL (Non-European V.D.)

Admissions to this hospital totalled 544, an increase on last year's total of 456, but indicating the decrease in this disease that has been taking place in recent years, e.g. 1,312 in 1951-2, 561 in 1954, and 358 in 1955. The daily average of in-patients totalled 7, as compared with 8 in 1959, and 20 in 1954.

The/

Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910
...

The following table shows the results of the investigation...

It is noted that the results are very similar to those reported in the literature...

The data indicate that there is a significant correlation between the variables studied...

These findings are consistent with the theoretical predictions made by the authors...

Year	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921
...

The results of the present study are summarized in the following table...

It is concluded that the experimental data support the theoretical model proposed...

Further research is required to investigate the underlying mechanisms of the observed phenomena...

VENEREAL DISEASE Cont'd.

The re-admissions for this period numbered 44, i.e. 8.1% of admissions as compared with 9%, 5.7%, 13.8% and 9.3% the preceding five years. An analysis of patients' reasons for re-admissions and for failure to continue treatment, is given in the following table:-

	<u>Male</u>	<u>Female</u>	<u>Total</u>
1) No reason given for failure to continue treatment	5	3	8
2) Patients thought themselves cured after only a few follow-up injections	7	3	10
3) Irregular follow-up treatment only	0	2	2
4) Patients stated no facilities for further treatment available near their homes	0	0	0
5) Patients unable to pay transport to obtain treatment	0	0	0
6) Patients unable to pay doctor for further treatment	0	0	0
7) Patients stated employers would not allow them to attend for further treatment or that could not leave work	0	0	0
8) Patients re-admitted suffering from forms of V.D. other than that originally admitted for	14	6	20
9) Relapsed though attended clinic fairly regularly	1	0	1
10) Reinfected after discharge	0	0	0
11) Gaoled and received no further treatment	0	0	0

(5) PLAGUE.

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

There are 3 Grain Stores in the City; all are now rodent-proofed. There are 3 mills in the City. Rodent-proofing measures were supervised in one - a new one in the course of erection.

Trapping operations by Rodent Inspector: 18. Rodents trapped 126
 Poisoning " " " " : 245. Rodents Poisoned:
 (Bodies recovered) 59
 (Amount of Poison meal used) 110 lbs.
 Gassing operations by Rodent Inspector : 14. Bodies recovered 37
 12 Dwellings completed rodent-proofing - 29 inspected.
 66 Business premises, hotels, shops and stores rodent-proofed - 226 inspected.
 Stables - 4 inspected; 1 rodent-proofed.

New buildings in course of erection supervised for rodent-proofing : 16.
 Vacant Land gassed : 2.
 Premises inspected prior to demolition : 19.
 Premises gassed prior to demolition : 3.
 Premises poisoned prior to demolition : 4.

(6) RABIES:/

The following table shows the results of the experiments conducted during the year 1911. The results are given in the following table:

Year	Month	Day	Temperature (°C)	Humidity (%)	Wind (km/h)	Direction	Remarks
1911	Jan	1	10	70	5	N	Clear
1911	Jan	2	12	75	10	NE	Light rain
1911	Jan	3	15	80	15	E	Cloudy
1911	Jan	4	18	85	20	SE	Thunderstorm
1911	Jan	5	20	90	25	S	Heavy rain
1911	Jan	6	22	95	30	SW	Storm
1911	Jan	7	25	100	35	W	Clear
1911	Jan	8	28	105	40	NW	Clear
1911	Jan	9	30	110	45	N	Clear
1911	Jan	10	32	115	50	NE	Clear
1911	Jan	11	35	120	55	E	Clear
1911	Jan	12	38	125	60	SE	Clear
1911	Jan	13	40	130	65	S	Clear
1911	Jan	14	42	135	70	SW	Clear
1911	Jan	15	45	140	75	W	Clear
1911	Jan	16	48	145	80	NW	Clear
1911	Jan	17	50	150	85	N	Clear
1911	Jan	18	52	155	90	NE	Clear
1911	Jan	19	55	160	95	E	Clear
1911	Jan	20	58	165	100	SE	Clear
1911	Jan	21	60	170	105	S	Clear
1911	Jan	22	62	175	110	SW	Clear
1911	Jan	23	65	180	115	W	Clear
1911	Jan	24	68	185	120	NW	Clear
1911	Jan	25	70	190	125	N	Clear
1911	Jan	26	72	195	130	NE	Clear
1911	Jan	27	75	200	135	E	Clear
1911	Jan	28	78	205	140	SE	Clear
1911	Jan	29	80	210	145	S	Clear
1911	Jan	30	82	215	150	SW	Clear
1911	Jan	31	85	220	155	W	Clear

The following table shows the results of the experiments conducted during the year 1912. The results are given in the following table:

Year	Month	Day	Temperature (°C)	Humidity (%)	Wind (km/h)	Direction	Remarks
1912	Jan	1	10	70	5	N	Clear
1912	Jan	2	12	75	10	NE	Light rain
1912	Jan	3	15	80	15	E	Cloudy
1912	Jan	4	18	85	20	SE	Thunderstorm
1912	Jan	5	20	90	25	S	Heavy rain
1912	Jan	6	22	95	30	SW	Storm
1912	Jan	7	25	100	35	W	Clear
1912	Jan	8	28	105	40	NW	Clear
1912	Jan	9	30	110	45	N	Clear
1912	Jan	10	32	115	50	NE	Clear
1912	Jan	11	35	120	55	E	Clear
1912	Jan	12	38	125	60	SE	Clear
1912	Jan	13	40	130	65	S	Clear
1912	Jan	14	42	135	70	SW	Clear
1912	Jan	15	45	140	75	W	Clear
1912	Jan	16	48	145	80	NW	Clear
1912	Jan	17	50	150	85	N	Clear
1912	Jan	18	52	155	90	NE	Clear
1912	Jan	19	55	160	95	E	Clear
1912	Jan	20	58	165	100	SE	Clear
1912	Jan	21	60	170	105	S	Clear
1912	Jan	22	62	175	110	SW	Clear
1912	Jan	23	65	180	115	W	Clear
1912	Jan	24	68	185	120	NW	Clear
1912	Jan	25	70	190	125	N	Clear
1912	Jan	26	72	195	130	NE	Clear
1912	Jan	27	75	200	135	E	Clear
1912	Jan	28	78	205	140	SE	Clear
1912	Jan	29	80	210	145	S	Clear
1912	Jan	30	82	215	150	SW	Clear
1912	Jan	31	85	220	155	W	Clear

The following table shows the results of the experiments conducted during the year 1913. The results are given in the following table:

(6) RABIES.

Rabies was reported in dogs in Pietermaritzburg, following the occurrence of the disease in other parts of Natal. 10 Dogs in Pietermaritzburg were reported as Biologically positive by the end of the year. No report of the occurrence of Rabies can be traced in Pietermaritzburg as far back as 1907.

Restrictions on the movement of dogs in and out of the area and on the control of unleashed dogs in the City were imposed by the State Veterinary Department, when the whole of Natal was declared a rabies area. Dog bites were reported regularly to this Department and to the Veterinary Department, and arrangements were made for persons bitten to receive Anti-Rabic Vaccine (Simple type) in hospital where there was any suspicion of Rabies. 7 Europeans, 3 Bantu and 1 Asiatic were treated in this way, without any untoward reactions. Mass immunisation of dogs with Anti-Rabic Vaccine was organised by the State Veterinary Department. A positive case was also reported in a cat (bitten by a rabid dog), but no vaccine suitable for cats was available. Subsequently "duck egg" type Vaccine was made available by the State Health Department for the inoculations of persons especially exposed to danger, e.g. Veterinary surgeons, etc.

A regular follow-up of dogs reported to have bitten human beings was organised by this Department, as well as the State Veterinary Department. Such dogs were confined to their owners homes and watched for 10 days, and if still well at the end of that period, were removed from the Suspect list.

No human cases of Rabies have occurred in Pietermaritzburg. Press campaign kept the public informed of the danger of bites, methods of first aid treatment, the need to control dogs, of the need for expert medical treatment, and to report the bites.

7) OTHER COMMUNICABLE DISEASES:(I) MALARIA

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

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

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

(II) BILHARZIA

Regular surveys were carried out for the identification of snails. Copper Sulphate was used for the treatment of streams where *Physopsis Africana* were identified with a resultant rapid and considerable reduction in the number of snails found, treatment being repeated at 2 monthly intervals. No cases of Bilharzia were reported this year.

Snails examined	:	359
<i>Physopsis Africana</i> identified	:	48

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

(III) ENTERITIS in infants under the age of one year accounted for 29 deaths, (23 Bantu and 6 Indian), as compared with 21 last year.

(IV) MUMPS

This disease was only moderately prevalent in both European and Non-European children during the year, 18 cases being admitted to the Isolation Hospitals. Complicating Encephalitis was seen in 1 Out-of-Borough case admitted to the Isolation Hospital.

(V) MEASLES .../

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(V) MEASLES

This disease was only moderately prevalent in school children this year, 9 European and 5 Non-European Borough cases being admitted to the Isolation Hospitals. 1 Bantu and 2 Asiatic deaths from this disease were recorded.

(VI) GERMAN MEASLES was only moderately prevalent this year.

(VII) CHICKEN POX

This disease was moderately prevalent, 23 European and 3 Non-European cases being admitted to the Isolation Hospitals.

(VIII) WHOOPING COUGH

This disease was not very prevalent during the year, and no deaths were reported. Immunisation was carried out at the Infant Welfare Clinics, using a combined Whooping Cough and Diphtheria Vaccine. (See page 23). 7 Non-European cases were admitted to our Infectious Diseases Hospitals from outside the City, and 5 European and 1 Bantu cases were admitted from the City area.

(8) WATER SUPPLY. (See page 59)

The water supply of Pietermaritzburg is under the control of the City Engineer's Department. It is derived from streams coming from hilly country lying to the west of the town. From the Storage Dam at Henley the water is piped to the Purification Works, where it is treated with Aluminium Sulphate before filtration. After filtration the water is sterilised with Chloramine before being distributed to the nine storage reservoirs.

The supply from the Purification Works and each of the service reservoirs has been bacteriologically examined each week by the bio-chemist in charge of the Purification Works. All employees at the Purification Works are Vi-tested and immunised against Typhoid Fever at the same time. No water-borne outbreaks of disease have occurred during the year. Regular bacteriological sampling of swimming bath waters has also been carried out throughout the year, and samples of well and tank waters have also been examined. It has been found that the Pietermaritzburg water supply contains no fluorine.

The total storage capacity of the Henley Dam is 1,420 million gallons providing an assured daily yield of 8 million gallons. The present consumption in Pietermaritzburg is approximately 5.5 million gals per day.

(9) NIGHTSOIL AND DISPOSAL

The administration of this work is in the hands of the City Engineer. The greater part of the Town and Suburbs is served by water-borne sewerage, although the conservancy system is still in use in certain outlying areas. Disposal is on the sewerage farm about 3 miles from the centre of the Town. The City Council acquired adjoining land, in order to extend the area available for sewerage disposal, and a modern filtration plant was completed in 1956.

(10) MEAT SUPPLIES (See pages 63-65).

All slaughtering is carried out at the Municipal Abattoir, which is under the direct control of this Department. Butchers' shops are periodically inspected to ensure that they are satisfactory and that no meat which does not bear the Municipal stamp is exposed for sale. 189 Inspections of Butchers' shops and 4 inspections of Butchers' carts were made by the Department's Health Inspectors. A list of meat, fish and fowl condemned after inspection is shown on pages 60-62.

The Abattoir Manager reports that during the year 93,169 animals were slaughtered, a small decrease on the 1960 total of 94,652. Slaughtering at the Abattoir is carried out by this Department.

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

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(10) MEAT SUPPLIES Cont'd.

The City Council has decided not to continue with its plans for its own By-Products Plant.

The new administration block providing change rooms for the European Staff and offices for the Abattoir Staff, the Meat Board Staff, the Graders and the Agents and a new Tripery block with chilling facilities were completed during the year, this now completing the Council's Abattoir Expansion Scheme. Health Inspectors from the Department have had to help out by carrying out Meat Inspection duties at the Abattoir owing to absence of Abattoir Staff. A qualified European Slaughterman supervises the work of the Bantu Slaughter Gang.

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

CYSTICERCUS BOVIS AND CELLULOSAE ("MEASLES").

The following table shows the number of carcasses infected with "Measles" during the last 10 years:-

	CATTLE			CALVES			PIGS		
	Slaugh-tered	% In-fected	% Con-demned	Slaugh-tered	% In-fected	% Con-demned	Slaugh-tered	% In-fected	% Con-demned
1951-52	10,740	8.69	0.94	2,428	5.02	1.35	4,148	3.18	2.60
1952-53	11,438	7.03	0.62	2,345	4.64	1.02	2,470	1.65	1.21
1953-54	11,578	9.21	1.5	2,554	3.13	1.33	3,154	1.04	0.91
1954-55	99,271	9.35	1.4	1,643	3.59	1.82	3,385	1.35	1.21
1956	13,626	8.66	1.4	1,814	4.35	1.92	3,715	1.02	0.88
1957	13,217	7.23	0.98	1,990	4.02	1.7	4,050	0.83	0.69
1958	15,227	5.54	1.13	2,510	5.30	2.35	4,858	0.98	0.84
1959	16,627	8.68	1.11	2,767	3.25	1.55	5,280	1.79	1.60
1960	17,165	8.3	1.6	3,410	3.7	1.6	5,833	1.9	1.7
1961	17,265	7.1	1.3	3,267	2.4	1.25	5,986	0.6	0.5

(11) MILK SUPPLIES (Page 58)

The milk supply has been carefully controlled throughout the year. It was derived from 43 producer-distributors, 13 in the Borough, and 30 Out-of-Borough, and 82 producers, 2 Borough and 80 Out-of-Borough, who send their milk to two pasteurisation plants in the Borough, from where it is distributed after pasteurisation. All these dairymen are registered with this Department and their premises are inspected regularly. Approximately 75% of the milk sold in Pietermaritzburg was pasteurised.

There are 10 cream suppliers, of whom 5 are in the Borough and 5 outside the Borough.

During the year the routine Vi-testing of dairy employees was continued. Specimens, which are taken at the dairies or at the Health Department, are sent by pullman transport to the Durban Government Laboratory for examination, thus reaching laboratory the same day as taken.

474 Vi-tests were done on dairy employees, 1 was found positive and 3 were check retested, but finally not found to be positive. 252 Dairy personnel (236 Bantu, 7 Coloured and 9 Asiatics) were immunised against Typhoid Fever, 530 inoculations being given.

(12) OTHER FOODS SUPPLIES (Pages 58-62)

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 60-62). Condemned foodstuffs are removed to the refuse tips, made unusable, and disposed of by dumping.

A		B		C		D	
100	100	100	100	100	100	100	100
90	90	90	90	90	90	90	90
80	80	80	80	80	80	80	80
70	70	70	70	70	70	70	70
60	60	60	60	60	60	60	60
50	50	50	50	50	50	50	50
40	40	40	40	40	40	40	40
30	30	30	30	30	30	30	30
20	20	20	20	20	20	20	20
10	10	10	10	10	10	10	10
0	0	0	0	0	0	0	0

The following table shows the results of the experiment. The first column shows the number of trials, and the second column shows the number of correct responses. The third column shows the percentage of correct responses. The fourth column shows the number of trials, and the fifth column shows the number of correct responses. The sixth column shows the percentage of correct responses. The seventh column shows the number of trials, and the eighth column shows the number of correct responses. The ninth column shows the percentage of correct responses.

The results of the experiment show that the percentage of correct responses is significantly higher than the percentage of correct responses in the control group. This suggests that the treatment had a positive effect on the performance of the subjects. The results also show that the percentage of correct responses is significantly higher than the percentage of correct responses in the control group. This suggests that the treatment had a positive effect on the performance of the subjects.

The results of the experiment show that the percentage of correct responses is significantly higher than the percentage of correct responses in the control group. This suggests that the treatment had a positive effect on the performance of the subjects. The results also show that the percentage of correct responses is significantly higher than the percentage of correct responses in the control group. This suggests that the treatment had a positive effect on the performance of the subjects.

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

Details of all licence applications dealt with by the Department are reflected in the Table on page 66. Careful attention is paid to storage conditions, particularly to rodent-proofing, and there is a considerable improvement in this connection. 309 Inspections of the Borough Market and 3,775 inspections of other premises manufacturing or handling food were made. (Pages 67-69).

Food and Drugs Act. (Pages 58-59).

Under the Food, Drugs and Disinfectants Act, 72 samples were taken, and the results of the analyses were as follows:-

Milk: 32 Samples: 1 Sample not in accordance with requirements in regard to 8.5% Solids-not-Fat.

Ice Cream: 3 Samples : 1 not in accordance with standard laid down of 10% Fat.

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

Mince Meat: 24 Samples: All samples in accordance with standards laid down.

Sausage: 6 Samples: All in accordance with standards laid down.

Boerewors: 2 Samples: Both in accordance with standards laid down.

In the case of the defective Solids-not-Fat Milk Sample a letter was written to the Supplier. Prosecution in the case of the adulterated Ice Cream sample resulted in a fine of R15.

Outbreaks of Food Poisoning.

3 Episodes of food poisoning were reported.

Persons Involved.	Suspected Food	Laboratory Results.	Remarks.
1. 4 Persons of one family. (1 adult 3 children.)	(Sour Milk) Maas/made from separated milk	No pathogens in patients stools. No pathogens in sample of maas.	Another family. (1 adult, 3 children) drinking the same maas reported no illness.
2. 1 Person (Adult)	Biltong	Patient Stools - B. Proteus Biltong sample - Staph. Albus B. Subtilis contamination.	Rapid acute onset suggestive of Staph. food poisoning.
3. 4 Persons of one family. (2 adults and 2 children)	Vienna sausages in sealed cellophane packet.	No specimens could be obtained of food or from patients excreta.	-

(13) MATERNITY AND CHILD WELFARE (Page 57).

The European Infantile Mortality Rate of 11.8 showed a big decrease on last year's figure of 23.9, and was a remarkably low figure.

The Coloured Infantile Mortality Rate of 20.9 was about half last year's figure of 47.6.

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

The Bantu Infantile Mortality Rate was 107.7, a small increase on last year's figure of 98.2.

The Asiatic Infantile Mortality Rate was 41.1 as compared with 45.5 last year.

The main causes and age groupings of Infantile Mortality in the different races are shown on pages 37-38.

In Europeans prematurity was again the main cause accounting for over 75% of the Infantile deaths. Prematurity, Diarrhoea and Enteritis and Broncho-Pneumonia were the chief causes of Non-European Infantile Mortality.

This Department continued to supply milk to necessitous infants up to the age of 2 years, and also to a small number of children below the age of 5. See page 57.

Diphtheria and Poliomyelitis immunisation was continued as one of the important activities of the Infant Welfare Clinics. 2019 Children were immunised against Diphtheria (European 601; Bantu 249; Coloured 185; Asiatic 984), as compared with 2332 last year.

Of the total given above 367 European, 89 Bantu, 104 Coloured and 148 Asiatic infants were immunised against Whooping Cough and Tetanus at the same time as against Diphtheria. (See page 10-11).

Child Welfare Clinic attendances have been as follows:-

	<u>European</u>	<u>Bantu</u>	<u>Coloured</u>	<u>Asiatic</u>
1951 - 52	8,068	4,230	1,989	5,164
1952 - 53	8,211	5,115	1,921	5,580
1954	6,577	4,674	1,743	4,872
1955	5,926	7,023	1,984	6,012
1956	7,034	7,764	1,984	6,514
1957	6,884	6,928	2,245	6,870
1958	7,798	7,408	2,052	7,673
1959	8,946	8,864	2,701	8,544
1960	8,406	9,592	2,601	9,756
1961	7,761	8,650	2,284	9,141

Vaccination: (See Page 10)

Maternal Mortality.

No deaths were recorded from this cause.

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

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

The Bantu Maternity Wards and Ante-Natal Services have been transferred to the new Edendale Hospital. Bantu District Midwifery is carried out by the Municipal Bantu Midwife in the Sobantu Village.

STATE OF TEXAS

The undersigned, being duly sworn, depose and say that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County Clerk of the County of [County Name], State of Texas, and that the same is a true and correct copy of the original as the same appears from the records of the County Clerk of the County of [County Name], State of Texas.

This deposition was taken at the County of [County Name], State of Texas, on the [Date] day of [Month], 1971.

Subscribed and sworn to before me on the [Date] day of [Month], 1971.

Notary Public for the State of Texas.

Year	Amount	Year	Amount
1971	100.00	1972	100.00
1973	100.00	1974	100.00
1975	100.00	1976	100.00
1977	100.00	1978	100.00
1979	100.00	1980	100.00
1981	100.00	1982	100.00
1983	100.00	1984	100.00
1985	100.00	1986	100.00
1987	100.00	1988	100.00
1989	100.00	1990	100.00
1991	100.00	1992	100.00
1993	100.00	1994	100.00
1995	100.00	1996	100.00
1997	100.00	1998	100.00
1999	100.00	2000	100.00
2001	100.00	2002	100.00
2003	100.00	2004	100.00
2005	100.00	2006	100.00
2007	100.00	2008	100.00
2009	100.00	2010	100.00
2011	100.00	2012	100.00
2013	100.00	2014	100.00
2015	100.00	2016	100.00
2017	100.00	2018	100.00
2019	100.00	2020	100.00
2021	100.00	2022	100.00

The undersigned, being duly sworn, depose and say that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County Clerk of the County of [County Name], State of Texas, and that the same is a true and correct copy of the original as the same appears from the records of the County Clerk of the County of [County Name], State of Texas.

This deposition was taken at the County of [County Name], State of Texas, on the [Date] day of [Month], 1971.

Subscribed and sworn to before me on the [Date] day of [Month], 1971.

Notary Public for the State of Texas.

Maternal Mortality. Cont'd.

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

Borough Cases:(a) Ante-Natal Clinic Attendances

Europeans : 2,325
 Coloureds : 1,914
 Asiatics : 8,850

TOTAL 13,089

(b) District Midwifery Visits:

Europeans : 662
 Coloureds : 1,412
 Asiatics : 6,815

TOTAL 8,889

(c) District Confinements.

Europeans, 26; Coloureds, 73; Asiatics, 368; Total, 467

The Municipal Bantu Midwife conducted 90 confinements and paid 1,441 visits in connection with confinement cases (439 Ante-Natal and 1,002 Post-Natal).

In addition, an Ante-Natal Clinic was held at the Sobantu Village Dispensary for these patients:-

No. of New Patients	Ante-Natal Attendances	W.R.'s taken	W.R.'s Positive	Rh Positive	Rh Negative
131	421	139	21	107	2

2 Patients were sent to hospital for confinement because of abnormalities of Labour.

Pietermaritzburg is a "Prescribed Area" under Section 39(b) of the Medical Dental and Pharmacy Act No. 13 of 1928, within which no person other than a Medical Practitioner or a midwife registered under the Act, shall attend any lying-in-woman for gain. There is one untrained midwife (an Asiatic) "listed" in Pietermaritzburg, but she did not conduct any confinements during the year. 1 Midwife's bag inspection was made.

(14) BY-LAW NOTICES AND PROSECUTIONS (Pages 67-69).

2,983 Notices and formal letters were served regarding breaches of the Borough By-Laws. 29 Prosecutions were initiated in the Magistrate's Court, as detailed on page 67. The total of inspections carried out this year was 22,147 as compared with 19,110 last year. Health Inspectors were also diverted to the Abattoir at times to assist with Meat Inspection duties because of shortage of staff.

(15) OTHER MATTERS OF HEALTH AND SANITATION.

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

Complaints from Burgesses: 157 complaints were received and dealt with.

Medical Examination of Bantu:

Number Examined	Referred to TB Clinic after Min. X-Ray (See p.49)	Rejected V.D.	Rejected Other Causes	Vaccinated
Male : 20,560	196	44	1 (Scabies)	
Female : 78	-	2	-	
TOTAL : 20,638	196	46 (0.2%)	1 -	20,586

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Medical Examination of Bantu: Cont'd.

The number of Bantu female domestic servants coming forward for voluntary examination remains extremely low. Every person appearing at the Pass Office who does not possess evidence of recent successful vaccination, is vaccinated (a single insertion only.) A Miniature X-Ray is taken of every Bantu attending the Medical Examination sessions, unless they have been X-Rayed within the preceding 6 months.

Sobantu (Bantu) Village Dispensary:

The Out-Patient Dispensary is conducted by this Department. Three sessions are held each week, attended by the Assistant Medical Officer of Health, while a full-time Bantu Nurse, who lives at the Village, assists at the Clinic, does the necessary dressings and follow-up treatment, and visits patients in their homes.

Number of New Patients attending Dispensary	:	2,918
Re-attendances at Dispensary	:	282
Home Visits	:	1,395
Surgical Dressings	:	9,554

The Council's trained Bantu District Nurse carried out a total of 3,841 Home Nursing Visits, 695 New Cases being registered this year.

Health Propaganda:

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

(16) STAFF:

The Staff of the Department at 31st December, 1961, was as follows:-

ADMINISTRATIVE AND OFFICE

Medical Officer of Health	:	M. Maister, B.A., M.B., Ch.B., D.P.H.
Asst. Medical Officer of Health .	:	K. J. Aitken, M.B., Ch.B., D.P.H.
Clinical Medical Officer	:	J. M. Lalor, M.B., B.Ch.,
Chief Clerk	:	E. Bastow
Clerk	:	E. D. Gafney
Junior Clerk	:	Miss S. M. Ward
Senior Woman Clerical Asst.	:	Miss E. M. Hughes
Junior Woman Clerical Assts.	:	Miss Y. W. Gafney
		Miss N. E. Wilkinson
		Miss A. D. Cameron

INSPECTORATE

Chief Health Inspector	:	C. F. Wyatt, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Tropical Hygiene Cert. R.S.I.
Health Inspectors	:	D.C. Johnston, Cert. R.S.I., Tropical Hygiene Cert. R.S.I.
	:	C. L. O. Iversen, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Trop. Hygiene Cert. R.S.I.
	:	S. Tulleken, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Tropical Hygiene Cert. R.S.I.
	:	D. S. Wark, Cert. R.S.I.
	:	J. A. Lourens, Cert. R.S.I.
	:	Position Vacant

The text on this page is extremely faint and illegible. It appears to be a multi-paragraph document with several distinct sections, but the specific content cannot be discerned. The layout includes several paragraphs of text, possibly separated by section headers or sub-headers, though they are not readable. The overall appearance is that of a scanned document with very low contrast or significant fading.

(16) STAFF Cont'd.

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

Handyman & Transport Officer.
 1 Indian Fumigation Assistant.

HEALTH VISITING STAFF

Senior Health Visitor : Miss E. M. McDougall, Health Visitor's
 Cert. (Scotland); Health Visitor's
 Cert. R.S.I. Mothercraft Cert. (New
 Zealand).
 Health Visitors : Miss M. W. Marwick, Mothercraft Cert.
 : Miss E. E. Holcomb, Health Visitor's
 Cert., R.S.I.; Mothercraft Cert.
 : Mrs. M. Campbell, Health Visitor's Cert.
 R.S.I.; Mothercraft Cert., Fever Cert.
 : Mrs. I. Ellis, Health Visitor's Cert.
 R.S.I.; Reg. Mental Nurse, S.A.N.C.
 : Mrs. D. Evans, Health Visitor's Cert.
 R.S.I.
 Clinic Sister : Mrs. B.A. Mitchell, Health Visitor's
 Cert. R.S.I.
 Clinic Clerks ; Mrs. A. C. Ferguson.
 Mrs. E. Forson.
 Bantu Health Visitor : Miss M. Liphoto, Health Visitor's Cert. R.S.I.
 Asiatic Health Visitor : Miss S. Chetty, Health Visitor's Cert.
 R.S.I.

BANTU NURSING AND HEALTH ASSISTANT STAFF

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

ISOLATION HOSPITAL

Matron : A. E. Konstam (Acting)
 Sisters : E. Friedlander, J. Bassage, Position Vacant.
 Night Sister : K. E. Koen.
 Probationer Nurses : M. Piek, A. Herbst.
 1 Housekeeper : Mrs. C. Crawley.
 14 Domestic Servants
 1 Bantu Night Watchman

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

Matron : C. le Steers.
 Male Nurse : Vacant.
 1 Housekeeper : Mrs. A. Roberts.
 Native Staff Nurses : 10
 Native Probationer Nurses : 8
 Native Domestic Staff : 27
 Native Night Watchman : 1

EPIDEMIC/

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(16) STAFF Cont'd.EPIDEMIC HOSPITAL

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

ABATTOIR

Manager	:	R. M. Brock, Cert. R.S.I., Meat & Other Foods Cert. R. S. I.
Meat Inspectors	:	H. Dreyer, Cert. R.S.I.; Meat & Other Foods. R.S.I.
	:	H. C. Claasen, Cert. R.S.I.; Meat & Other Foods Cert. R.S.I.
Clerk	:	W. L. J. Powell
Slaughterman	:	P. D. Bearpark
Maintenance Fitter	:	H. Schoeman.

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MEMORANDUM

TO : THE SECRETARY OF THE ARMY

FROM : THE CHIEF OF STAFF

SUBJECT: [Illegible]

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REPORT B.(1) HOUSING.

The City Council completed 411 dwellings for Asiatics at Northdale, and a Coloured "Economic" Housing Scheme of 50 houses (3 bedroom type) at Woodlands.

Powers under the Borough By-Laws have been exercised sparingly in dealing with insanitary dwellings, owing to the acute Non-European housing shortage. 36 Dwellings were condemned for demolition under Public Health By-Law 17. (25 of these being demolished by the end of the period under review), and 32 dwellings were voluntarily demolished mostly to make way for new buildings. The availability of new dwellings at Northdale has permitted a step up in Departmental activity in securing demolitions of slum dwellings.

Plans.

All plans of new buildings are submitted by the City Engineer to this Department for our observations.

	Approved Outright	Approved Subject to Alterations	Disapproved	Referred for additional information	Total Submitted
1961	374	59	30	87	550

New Buildings.

The City Engineer reports that 89 dwellings and 41 flats (3 blocks) were completed for Europeans, 61 flats (5 blocks), and 31 dwellings were built for Non-Europeans (13 Coloureds and 18 Asiatics). These dwellings were provided by Private Enterprise.

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

The Pietermaritzburg Sobantu Village, situated about 3 miles from the centre of Town now contains 1,091 occupied houses and various public buildings, with an estimated population of 10,000. Water is supplied partly by individual house reticulation and partly by communal standpipes from the Corporation Water Supply. Sanitation is by water-borne sewerage, separate for each house, except for a small low-lying section of the Village which is still served by the pail system. Communal ablution blocks and laundries are provided. Provision for hot baths at a small charge has been made in the recently constructed ablution blocks, and this has proved very popular.

Although there is still room for expansion available at the Sobantu Village, the Government will not permit the extension of this scheme and the Economic Houses constructed 5 years ago are the last houses to be built at this Village. All the houses at the Sobantu Village have been built by Bantu labour, under European supervision. The Council has under consideration a scheme for a new Bantu Village at Slagspruit, and while negotiations are proceeding in this matter, the Sobantu Village is bulging at its seams. Its population is steadily increasing, the present estimate of 10,000 comparing with a figure of 9,000 for last year.

There are three Corporation Hostels for single Bantu. For Males there is a newly extended East Street Hostel (and annexes) now housing 2,300 Bantu, and the Ortman Road Hostel with a capacity of 103. The Women's Hostel in Church Street houses 430 women, and an additional Women's Hostel housing 200 Bantu has been established at Oribi to serve the Government Village mainly. These Hostels are under the control of the Department of Bantu Administration, and two European Superintendents are employed. The scheme for a new Women's Hostel to house over 700 has been shelved owing to the very high tender figures received when the contract was offered. 590 Temporary Licences were granted during the year to house unexempted Bantu under the Bantu (Urban Areas) Act, pending the provision of more accommodation.

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THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
RESEARCH REPORT NO. 1000
1955

The following data were obtained from the study of the reaction of the chloroacetyl group with various amino acids. The results are given in Table I. The reaction was carried out in a 0.1M sodium acetate buffer at pH 5.0 at 37°C. The reaction was followed by measuring the optical density of the solution at 260 mμ. The results show that the reaction is first order with respect to the chloroacetyl group and first order with respect to the amino acid. The rate constant for the reaction is 0.012 min⁻¹.

The rate constant for the reaction of the chloroacetyl group with various amino acids is given in Table I. The rate constant is independent of the amino acid used.

Amino Acid	Rate Constant (min ⁻¹)
Alanine	0.012
Valine	0.012
Leucine	0.012
Isoleucine	0.012
Phenylalanine	0.012
Tyrosine	0.012
Asparagine	0.012
Glutamine	0.012
Proline	0.012

The reaction of the chloroacetyl group with various amino acids is first order with respect to the chloroacetyl group and first order with respect to the amino acid. The rate constant for the reaction is 0.012 min⁻¹. The reaction is independent of the amino acid used.

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

The Council has also provided the following Bantu Compounds:-

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

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

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

Asiatic Housing.

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

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

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

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

A. Coloured Housing.(1) Economic Housing:

Size of House Required	:	No. required.
One bedroom type	:	5
Two bedroom type	:	42
Three bedroom type	:	62
		<u>109</u>

Income Groups:

R.40 - 60	:	33
R.60 - 80	:	16
R.80 - 100	:	19
R.100 - 120	:	8
Over R. 120	:	33
		<u>109</u>

(2) Requirements to meet Group Areas action:Economic Houses:

Income Groups : R.40 - 60	:	3
R.60 - 80	:	4
R.80 - 100	:	7
Over R.100	:	41
		<u>55</u>

(3) Sub-Economic Housing/

MEMORANDUM FOR THE RECORD

On 10/10/54, the following information was received from the [illegible] office:

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(A) Coloured Housing. Cont'd.(3) Sub-Economic Housing:

- (a) No. of Houses required : 35.
 (b) No. required to meet Group Areas Requirements : 16.

(B) Asiatic Housing:

(This estimate includes the Municipal Area, and the Local Health Commission areas of Plessislaer, Edendale, Mount Partridge and Ockert's Kraal as the City will require to provide under the Group Areas requirements for these areas.)

(1) Existing Housing Shortage:

No. of families requiring accommodation:

Sub-economic	:	302	(40%)
Economic	:	437	(40%)
Total		<u>739</u>	

(a) Distribution of families in Income Groups:

R40 - 60	R60 - 80	R80 - 100	Over R100	Total
304	98	27	8	437
69.6%	22.4%	6.2%	1.8%	

(b) Size of House Required:

2 Bedroomed House	3 Bedroomed House	Total
121	316	437

(2) Housing requirement due to implementation of Group Areas Act, (by expiry dates).

Income distribution of affected families:

	R0 - 40	R40 - 60	R60 - 80	R80 - 100	Over R100	Total
1961	16	10	14	8	38	86
1965	95	165	201	85	54	82
1967	2	2	2	11	39	56

The /

Page No. _____

Date _____

(a) No. of plants _____

(b) No. of plants _____

(c) No. of plants _____

This experiment was done to study the effect of light on the growth of plants. The plants were kept in different conditions of light and their growth was observed over a period of time. The results are given below.

(1) Growth of plants _____

(2) No. of plants _____

(3) No. of plants _____

(4) No. of plants _____

(5) No. of plants _____

Plant No.	Light	Water	Temperature	Growth
1	Light	Water	25°C	Good
2	Light	No Water	25°C	Poor
3	No Light	Water	25°C	Poor
4	No Light	No Water	25°C	Very Poor

(6) No. of plants _____

Plant No.	Light	Water	Temperature	Growth
5	Light	Water	25°C	Good
6	Light	No Water	25°C	Poor
7	No Light	Water	25°C	Poor
8	No Light	No Water	25°C	Very Poor

(7) No. of plants _____

(8) No. of plants _____

Plant No.	Light	Water	Temperature	Growth
9	Light	Water	25°C	Good
10	Light	No Water	25°C	Poor
11	No Light	Water	25°C	Poor
12	No Light	No Water	25°C	Very Poor

B. Asiatic Housing. Cont'd.

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

Married Quarters : 1,000 Houses.

Single Quarters : 3,000 Houses.

New Council Housing Schemes:

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

Further, Housing Schemes for 'economic' houses for Asiatics and Coloureds in Northdale and Woodlands respectively are being considered by the City Council. Negotiations for the acquisition of land for the new Bantu housing scheme at Imbali (Slangspruit) are also now going ahead.

* * * * *

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DEATHS

The detailed International List of Causes of Death as adapted for use in the Republic of South Africa (6th Decennial Revision by the International Commission) is used. The omission of any cause indicates no deaths were registered for that cause.

	EUROPEAN			BANTU			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
<u>INFECTIVE AND PARASITIC DISEASES.</u>												
1. Pulmonary Tuberculosis	0	1	1	5	1	6	1	1	2	1	0	1
2. Tuberculosis Meninges & C.N.S.	0	0	0	0	0	0	0	0	0	1	0	1
3. Tuberculosis of intestines, peritoneum & mesenteric glands	0	0	0	0	1	1	0	0	0	0	1	1
4. Tuberculosis of bones and joints	0	0	0	0	0	0	0	0	0	0	0	0
5. T.B. of other organs	0	0	0	0	0	0	0	0	0	0	0	0
6. Disseminated Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0
7. Congenital Syphilis	0	0	0	0	0	0	0	0	0	0	0	0
8. Other Cardiovascular Syphilis	0	0	0	0	0	0	0	0	0	0	0	0
9. General Paralysis of Insane	0	0	0	0	0	0	0	0	0	0	0	0
10. Typhoid Fever	0	0	0	1	0	1	0	0	0	0	0	0
11. Amoebiasis	0	0	0	1	1	2	0	0	0	0	0	0
12. Septicaemia and pyaemia	0	1	1	0	0	0	0	0	0	0	0	0
13. Diphtheria	0	0	0	0	0	0	1	0	1	0	0	0
14. Meningococcal Infections	0	0	0	1	0	1	0	0	0	0	0	0
15. Tetanus	0	0	0	0	0	0	0	0	0	0	2	2
16. Gas gangrene	0	0	0	0	0	0	0	0	0	0	1	1
17. Acute Infectious Encephalitis	0	0	0	0	0	0	0	0	0	0	0	0
18. Measles	0	0	0	0	1	1	0	0	0	1	1	2
19. Infectious Hepatitis	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP I	0	2	2	8	4	12	2	1	3	3	5	8
<u>NEOPLASIS.</u>												
<u>Malignant Neoplasm of:-</u>												
0. Lip	0	0	0	0	0	0	0	0	0	0	0	0
1. Tongue	0	0	0	0	0	0	0	0	0	0	0	0
2. Oesophagus	1	0	1	0	1	1	0	0	0	0	0	0
3. Stomach	6	3	9	1	0	1	0	0	0	1	1	2
4. Small intestine including duodenum	1	0	1	0	0	0	0	0	0	0	0	0
5. Large intestine, excluding rectum	1	3	4	0	0	0	0	0	0	0	0	0
6. Rectum	2	1	3	0	0	0	0	0	0	0	0	0
7. Biliary passages and liver	0	1	1	0	0	0	0	0	0	0	0	0
8. Liver (secondary and unspecified)	1	0	1	1	0	1	0	1	1	0	0	0
9. Pancreas	1	2	3	0	0	0	0	0	0	0	0	0
10. Larynx	2	0	2	0	0	0	0	0	0	0	0	0
11. Trachea, bronchus and lung - primary	1	0	1	0	0	0	0	0	0	0	0	0
12. " " " " - unspec.	4	1	5	0	0	0	0	1	1	0	0	0
13. Breast	0	4	4	0	0	0	0	1	1	0	0	0
14. Cervix Uteri	0	0	0	0	1	1	0	1	1	0	1	1
15. Corpus Uteri	0	4	4	0	0	0	0	0	0	0	0	0
16. Ovary, Fallopian tube & broad lig.	0	1	1	0	1	1	0	0	0	0	0	0
17. Prostate	4	0	4	0	0	0	0	0	0	0	0	0
18. Testis	1	0	1	0	0	0	0	0	0	0	0	0
19. Kidney	0	2	2	0	0	0	0	0	0	0	0	0
20. Bladder & other urinary organs	1	0	1	0	0	0	0	0	0	0	0	0
21. Malign. Melanoma of Skin	1	1	2	0	0	0	0	0	0	0	0	0
22. Eye	0	0	0	0	0	0	0	0	0	0	0	0
23. Thyroid Gland	0	0	0	0	0	0	0	0	0	0	0	0
24. Bone	0	0	0	0	0	0	0	0	0	1	0	1
25. Other and unspecified sites	2	2	4	0	0	0	0	0	0	0	0	0
26. Lymphosarcoma and reticulosarcoma	0	1	1	0	0	0	0	0	0	0	0	0
27. Hodgkins disease	0	0	0	0	0	0	0	0	0	0	0	0
28. Leukaemia and aleukaemia	2	3	5	1	0	1	0	0	0	0	1	1
29. Brain & Nervous system - unspec.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP II	31	29	60	3	3	6	0	4	4	2	3	5
Total C/Forward	31	31	62	11	7	18	2	5	7	5	8	13

Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024																																																								
Population	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395	400	405	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500	505	510	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	625	630	635	640	645	650	655	660	665	670	675	680	685	690	695	700	705	710	715	720	725	730	735	740	745	750	755	760	765	770	775	780	785	790	795	800	805	810	815	820	825	830	835	840	845	850	855	860	865	870	875	880	885	890	895	900	905	910	915	920	925	930	935	940	945	950	955	960	965	970	975	980	985	990	995	1000

The following table shows the population of the United States from 1900 to 2024. The population has grown from approximately 76 million in 1900 to over 330 million in 2024. The growth rate has been relatively steady, with a slight increase in the rate of growth in the 1960s and 1970s. The population is projected to continue to grow, reaching approximately 400 million by 2050.

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DEATHS Cont'd.

	EUROPEAN			PANTU			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
11) Total B/Forward	31	31	62	11	7	18	2	5	7	5	8	13
<u>ALLERGIC ENDOCRINE SYSTEM.</u>												
<u>METABOLIC AND NUTRITIONAL DISEASES.</u>												
41. Asthma	0	0	0	0	0	0	0	0	0	0	1	1
52. Thyrotoxicosis	0	0	0	0	0	0	0	0	0	0	0	0
54. Other dis. thyroid gland	0	1	1	0	0	0	0	0	0	0	0	0
60. Diabetes Mellitus	1	3	4	1	0	1	0	0	0	1	0	1
74. Dis. of adrenal glands	0	0	0	0	0	0	0	0	0	0	0	0
81. Pellagra	0	0	0	0	0	0	0	0	0	0	0	0
86. Other Avitaminoses & nutritional deficiency states	0	0	0	9	4	13	0	0	0	0	1	1
TOTAL : GROUP III	1	4	5	10	4	14	0	0	0	1	2	3
<u>V) DISEASES OF THE BLOOD.</u>												
90. Pernicious & hyperchromic anaemias	0	1	1	0	0	0	0	0	0	0	0	0
91. Iron deficiency anaemias	0	0	0	0	0	0	0	0	0	0	0	0
92. Other anaemias, specified type	0	0	0	0	0	0	0	0	0	0	0	0
93. Anaemia, unspecified type	0	0	0	0	0	0	0	0	0	0	0	0
95. Haemophilia	0	0	0	0	0	0	0	0	0	0	0	0
96. Purpura & other haemorrhagic condns.	0	0	0	0	0	0	0	0	0	0	1	1
99. Other dis. of blood & blood form.org	0	1	1	0	0	0	0	0	0	0	0	0
TOTAL : GROUP IV	0	2	2	0	0	0	0	0	0	0	1	1
<u>U) MENTAL, PSYCHONEUROTIC & PERSONALITY DISORDERS.</u>												
04. Senile Psychosis	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP V	0	0	0	0	0	0	0	0	0	0	0	0
<u>I) DISEASES OF THE NERVOUS SYSTEM.</u>												
30. Subarachnoid haemorrhage	0	2	2	0	0	0	0	0	0	1	0	1
31. Cerebral haemorrhage	11	8	19	5	2	7	0	1	1	3	7	10
32. Cerebral embolism & thrombosis	4	8	12	2	0	2	0	0	0	0	1	1
34. Other vascul. les. of C.N.S.	1	0	1	0	0	0	0	0	0	1	0	1
40. Meningitis	0	0	0	1	0	1	0	0	0	0	1	1
42. Intracranial & intraspinal abscess	0	0	0	0	1	1	0	0	0	0	0	0
53. Epilepsy	0	1	1	1	0	1	0	0	0	0	2	2
55. Other diseases of brain	0	0	0	0	0	0	0	0	0	0	0	0
56. Motor neur. dis. & muscr. atrophy	0	0	0	0	0	0	0	0	0	1	0	1
91. Otitis media without mastoiditis	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL : GROUP VI	16	19	35	10	3	13	0	1	1	6	11	17
<u>II) DISEASES OF THE CIRCULATORY SYSTEM.</u>												
10. Diseases of Mitral Valve	0	0	0	0	1	1	0	0	0	0	0	0
15. Other myocarditis - rheumatic	0	0	0	1	0	1	0	0	0	0	0	0
16. Other heart dis. spec. rheumatic	0	0	0	0	0	0	0	0	0	0	0	0
20. Arteriosclerotic heart dis. inc. Coronary Thrombosis	43	26	69	1	0	1	2	1	3	9	7	16
21. Chron. endocarditis not spec. rheum.	0	0	0	0	0	0	0	0	0	0	0	0
22. Other myocardial degeneration	8	10	18	0	1	1	0	0	0	1	2	3
30. Acute & subac. endocarditis	1	0	1	1	0	1	0	0	0	0	0	0
31. Acute myocarditis - not rheumatic	0	1	1	0	0	0	0	0	0	0	1	1
34. Other & unspec. diseases of heart	22	14	36	6	1	7	3	1	4	7	6	13
40. Ess. Benign Hyperten. with heart dis.	0	0	0	0	0	0	0	0	0	0	0	0
41. Ess. mal. hyperten. with heart dis.	2	3	5	2	0	2	0	0	0	6	1	7
43. Other & unspec. hyperten. " "	0	0	0	0	0	0	0	0	0	0	0	0
45. Ess. Malig. Hyperten. without mention of heart	0	0	0	0	0	0	0	0	0	0	0	0
47. Other hypertensive disease without mention of heart	0	0	0	0	0	0	0	0	0	0	0	0
50. General arteriosclerosis	4	5	9	0	0	0	0	0	0	1	0	1
51. Aortic an. - non-syph. - & diss. an.	2	1	3	0	0	0	0	0	0	1	0	1
52. Other aneurysm exc. of heart & aorta	0	0	0	0	0	0	0	0	0	0	0	0
54. Arterial embolism and thrombosis	1	0	1	1	0	1	0	0	0	0	0	0
65. Pulmonary embolism & infarction	4	7	11	0	1	1	0	0	0	0	0	0
TOTAL : GROUP VII	87	67	154	12	4	16	5	2	7	25	17	42

Total C/Forward 135 123 258 43 18 61 7 8 15 37 39 76

1890

No.	Name	Age	Sex	Color	Religion	Profession	Marital	Education	Other
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DEATHS Cont'd.

	EUROPEAN			BANTU			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	135	123	258	43	18	61	7	8	15	37	39	76
<u>III) DISEASES OF THE RESPIRATORY SYSTEM.</u>												
80. Influenza with pneumonia	0	0	0	0	0	0	0	0	0	0	0	0
83. Influenza with nervous manifest.	0	0	0	0	0	0	0	0	0	0	0	0
90. Lobar pneumonia	3	1	4	4	1	5	0	0	0	1	0	1
91. Broncho-pneumonia	2	2	4	9	15	24	3	1	4	3	2	5
93. Pneumonia, other & unspecified	2	1	3	2	0	2	1	0	1	2	0	2
00. Acute Bronchitis	0	0	0	1	0	1	0	0	0	0	1	1
01. Bronchitis unqualified	0	0	0	2	0	2	0	0	0	0	0	0
02. Chronic bronchitis	1	0	1	1	0	1	1	1	2	1	0	1
18. Empyema	0	0	0	0	0	0	0	0	0	0	0	0
21. Abscess of lung	0	0	0	0	0	0	0	0	0	0	0	0
22. Pulm. congestion and hypostasis	1	2	3	0	0	0	0	0	0	1	0	1
25. Other Chronic interstitial Pneum.	1	0	1	1	0	1	0	0	0	0	0	0
26. Bronchiectasis	0	1	1	0	0	0	1	0	1	0	0	0
27. Other dis. of lung & pleural cavity	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL : GROUP VIII	10	7	17	21	16	37	6	2	8	8	3	11
<u>X) DISEASES OF THE DIGESTIVE SYSTEM.</u>												
40. Ulcer of the stomach	0	1	1	2	0	2	0	0	0	0	0	0
41. Ulcer of duodenum	1	0	1	0	0	0	0	0	0	0	0	0
45. Other dis. of stomach & duodenum	0	0	0	0	0	0	0	0	0	0	0	0
50. Acute appendicitis	0	0	0	0	0	0	0	0	0	0	0	0
70. Intest. obstruction - no hernia	3	1	4	0	0	0	0	0	0	0	0	0
71. Gastro-enteritis (over 4 weeks)	3	0	3	15	14	29	0	1	1	5	4	9
76. Peritonitis	0	0	0	1	0	1	0	0	0	0	0	0
77. Peritoneal adhesion	0	0	0	0	0	0	0	0	0	1	0	1
78. Other diseases of intestines and peritoneum	0	1	1	0	0	0	0	0	0	0	0	0
80. Acute & subac. yell. atrophy liver	0	0	0	0	0	0	0	0	0	0	0	0
81. Cirrhosis of liver	2	0	2	1	0	1	0	0	0	0	0	0
82. Liver abscess	0	0	0	1	0	1	0	0	0	0	0	0
83. Other diseases of liver	0	1	1	0	0	0	0	0	0	1	0	1
84. Cholelithiasis	0	1	1	0	0	0	0	0	0	0	0	0
87. Diseases of pancreas	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL : GROUP IX	9	5	14	20	14	34	0	1	1	8	4	12
<u>) DISEASES OF THE GENITO-URINARY SYSTEM.</u>												
90. Acute Nephritis	0	0	0	0	0	0	0	0	0	0	0	0
91. Nephritis with oedema, inc. nephrosis	0	0	0	1	0	1	0	0	0	0	0	0
92. Chronic nephritis	2	0	2	0	2	2	0	0	0	0	1	1
93. Nephritis not spec. as acute/chronic	1	0	1	0	0	0	0	0	0	0	0	0
94. Other renal sclerosis	0	1	1	0	0	0	0	0	0	1	0	1
00. Infections of kidney	0	1	1	0	1	1	0	0	0	0	0	0
01. Hydronephrosis	0	0	0	0	0	0	0	0	0	0	0	0
10. Hyperplasia of prostate	1	0	1	0	0	0	0	0	0	1	0	1
30. Infect. dis. of uterus, vagina and vulva	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP X	4	2	6	1	3	4	0	0	0	2	1	3

Total C/Forward

158 137 295 85 51 136 13 11 24 55 47 102

No.	Date	Description	Debit	Credit	Balance
1	1/1	Balance			
2	1/5	...			
3	1/10	...			
4	1/15	...			
5	1/20	...			
6	1/25	...			
7	1/30	...			
8	2/5	...			
9	2/10	...			
10	2/15	...			
11	2/20	...			
12	2/25	...			
13	2/30	...			
14	3/5	...			
15	3/10	...			
16	3/15	...			
17	3/20	...			
18	3/25	...			
19	3/30	...			
20	4/5	...			
21	4/10	...			
22	4/15	...			
23	4/20	...			
24	4/25	...			
25	4/30	...			
26	5/5	...			
27	5/10	...			
28	5/15	...			
29	5/20	...			
30	5/25	...			
31	5/30	...			
32	6/5	...			
33	6/10	...			
34	6/15	...			
35	6/20	...			
36	6/25	...			
37	6/30	...			
38	7/5	...			
39	7/10	...			
40	7/15	...			
41	7/20	...			
42	7/25	...			
43	7/30	...			
44	8/5	...			
45	8/10	...			
46	8/15	...			
47	8/20	...			
48	8/25	...			
49	8/30	...			
50	9/5	...			
51	9/10	...			
52	9/15	...			
53	9/20	...			
54	9/25	...			
55	9/30	...			
56	10/5	...			
57	10/10	...			
58	10/15	...			
59	10/20	...			
60	10/25	...			
61	10/30	...			
62	11/5	...			
63	11/10	...			
64	11/15	...			
65	11/20	...			
66	11/25	...			
67	11/30	...			
68	12/5	...			
69	12/10	...			
70	12/15	...			
71	12/20	...			
72	12/25	...			
73	12/30	...			
74	1946	...			
75	1947	...			

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DEATHS Cont'd.

	EUROPEAN			BANTU			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	158	137	295	85	51	136	13	11	24	55	47	102
<u>XI) DELIVERIES & COMPLICATIONS OF PREGNANCY, CHILDBIRTH & PUERPERIUM</u>												
42. Toxaemia Of Pregnancy	0	0	0	0	0	0	0	0	0	0	1	1
51. Abortion with sepsis	0	0	0	0	1	1	0	0	0	0	0	0
TOTAL : GROUP XI	0	0	0	0	1	1	0	0	0	0	1	1
<u>XII) DISEASE OF SKIN AND CELLULAR TISSUE</u>												
92. Other cellulitis and abscess	0	0	0	0	0	0	0	0	0	0	0	0
76. Other dis. of skin	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL : GROUP XII	0	0	0	1	0	1	0	0	0	0	0	0
<u>XIII) DISEASES OF THE BONES</u>												
73. Osteomyelitis & periostitis	0	0	0	1	0	1	0	0	0	0	0	0
74. Other dis. of muscle, tendon & fascia	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP XIII	0	0	0	1	0	1	0	0	0	0	0	0
<u>XIV) CONGENITAL MALFORMATIONS</u>												
751. Spina bifida and meningocele.	0	0	0	0	0	0	0	0	0	0	0	0
752. Congenital hydrocephalus.	0	0	0	0	0	0	0	0	0	0	0	0
753. Other congenital malformations of nervous system and sense organs.	0	0	0	0	0	0	0	0	0	1	0	1
754. Congen. malf. circulatory system.	1	0	1	0	1	1	0	0	0	0	0	0
756. Congen. malf. digestive system.	0	0	0	0	0	0	0	0	0	1	0	1
757. Congen. malf. genito-ury.system.	0	0	0	0	0	0	0	0	0	0	0	0
759. Other and unspecified congenital malformations.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP XIV	1	0	1	0	1	1	0	0	0	2	0	2
<u>XV) CERTAIN DISEASES OF EARLY INFANCY</u>												
760. Intracrl. & spinl. injy. at birth	0	0	0	0	1	1	0	1	1	0	0	0
761. Other birth injury.	0	0	0	0	0	0	0	0	0	1	0	1
762. Postnatal asphyxia & atelectasis	0	0	0	0	0	0	0	0	0	0	1	1
764. Diarrhoea of newborn	0	0	0	0	0	0	0	0	0	0	1	1
770. Haemolytic dis. of newborn	0	0	0	0	0	0	0	0	0	1	0	1
771. Haemorrhagic dis. of newborn	0	0	0	0	0	0	0	0	0	1	0	1
773. Ill-def. dis. pecr. to early infcy.	0	0	0	1	0	1	0	0	0	0	0	0
774. Immaturity with other subsidiary condition	0	0	0	0	0	0	0	0	0	0	0	0
775. Immaturity subsidiary to some other cause	0	0	0	0	0	0	0	0	0	0	0	0
776. Immaturity - unqualified	4	3	7	3	8	11	0	1	1	4	7	11
TOTAL : GROUP XV	4	3	7	4	9	13	0	2	2	6	9	15
<u>XVI) SYMPTOMS, SENILITY & ILL-DEFINED CONDITIONS</u>												
782. Symptoms referable to cardiovasc. & lymphatic systems	0	0	0	0	0	0	0	0	0	0	0	0
783. Symptoms referable to respiratory system	0	0	0	0	0	0	0	0	0	0	0	0
786. Symptoms referable to genito-urinary system	0	0	0	0	0	0	0	0	0	0	0	0
788. Other general symptoms	0	0	0	0	0	0	0	0	0	0	0	0
792. Uraemia - unqualified	2	3	5	0	0	0	1	0	1	1	1	2
794. Senility - without psychosis	3	5	8	0	0	0	0	0	0	0	0	0
795. Ill-defined & unknown causes	5	0	5	19	7	26	0	2	2	3	3	6
TOTAL : GROUP XVI	10	8	18	19	7	26	1	2	3	4	4	8
TOTAL	173	148	321	110	69	179	14	15	29	67	61	128

DEATHS Cont'd.

	EUROPEAN			BANTU			COLOURED			ASIATIC		
	RESIDENTS			RESIDENTS			RESIDENTS			RESIDENTS		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	173	148	321	110	69	179	14	15	29	67	61	128
XVII) ACCIDENTS, POISONING & VIOLENCE.												
800. Railway accident - involving railroad employee	1	0	1	0	0	0	0	0	0	0	0	0
802. Railway accident - involving other persons	1	0	1	0	0	0	0	0	0	0	0	0
812. Motor vehicle traffic accident to pedestrian	1	0	1	0	0	0	0	0	0	0	0	0
813. Motor vehicle acc. to pedal cyclist	0	0	0	1	0	1	0	0	0	0	0	0
814. Motor vehicle acc. to rider/passenger of motorcycle in collision with non-motor vehicle	1	0	1	0	0	0	0	0	0	0	0	0
815. Motor vehicle acc. to rider of motor cycle in collision	1	1	2	0	0	0	0	0	0	0	0	0
816. Other motor vehicle traffic accident - 2 or more vehicles	0	0	0	0	0	0	0	0	0	0	0	0
822. Motor vehicle accident - overturning	0	1	1	2	0	2	0	0	0	0	0	0
823. Motor vehicle accident - running off roadway	0	0	0	0	0	0	0	0	0	0	0	0
825. Motor vehicle accidents - unspec.	1	0	1	0	0	0	0	0	0	0	0	0
830. Motor vehicle non-traffic accident to pedestrian	0	0	0	0	1	1	1	0	1	0	0	0
831. Motor veh. non-traffic acc. to pedal cyclist	0	0	0	0	0	0	0	0	0	0	0	0
835. Motor vehic. non-traffic nature - other/unspec.	0	0	0	0	0	0	0	0	0	1	0	1
840. Street car accident to pedestrian	0	0	0	0	0	0	0	0	0	0	0	0
871. Accidental poisoning -barbiturates	0	0	0	0	0	0	0	0	0	0	0	0
880. Accidental poisoning by alcohol	0	0	0	0	0	0	0	0	0	0	0	0
891. Accidental poisoning by motor vehicle exhaust gas	1	0	1	0	0	0	0	0	0	0	0	0
902. Other falls - from one level to another	0	0	0	0	0	0	0	0	0	0	0	0
913. Accident caused by cutting and piercing instruments	0	0	0	0	0	0	0	0	0	0	0	0
914. Accident caused by electric current	1	0	1	0	0	0	0	0	0	0	0	0
916. Accident caused by fire/explosion of combust. material	0	0	0	0	1	1	0	0	0	0	0	0
917. Accident caused by hot substance, corrosive liquid and steam	0	0	0	0	0	0	0	0	0	0	0	0
919. Accident caused by firearm	0	0	0	0	0	0	0	0	0	0	0	0
921. Inhalatn. & ingestn. of food causing obstruction or suffocation	0	0	0	2	0	2	0	0	0	0	0	0
925. Accidntl. mechanical suffocation	0	0	0	0	0	0	0	0	0	0	0	0
929. Accidental drowning & submersion	1	0	1	2	0	2	1	0	0	1	0	1
931. Excessive heat and insolation	0	0	0	0	0	0	0	0	0	0	0	0
936. Other and unspec. accidents	0	0	0	2	0	2	0	0	0	0	0	0
953. Therapeutic misadventure in admin. of drugs	1	0	1	0	0	0	0	0	0	0	0	0
954. Therapeutic misadventure in anaesthesia	0	0	0	0	0	0	0	0	0	0	0	0
956. Late complication of surgical operation	0	0	0	0	0	0	0	0	0	0	0	0
970. Suicide by analgesic and soporific substances	0	0	0	0	0	0	0	0	0	0	0	0
971. Suicide - poisoning by solid/liquid substances	0	0	0	0	0	0	0	0	0	1	0	1
973. Suicide by other gases	1	0	1	0	0	0	0	0	0	0	0	0
974. Suicide by hanging	0	0	0	0	0	0	0	0	0	1	0	1
975. Suicide by drowning	0	0	0	0	0	0	0	0	0	0	0	0
976. Suicide by firearms	0	0	0	0	0	0	0	0	0	0	0	0
979. Suicide by other & unspec. means	0	1	1	0	0	0	0	0	0	0	0	0
982. Assault by cutting or piercing instruments	0	0	0	3	0	3	0	0	0	0	0	0
983. Assault by other means	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : GROUP E XVII	11	3	14	12	2	14	2	0	2	4	0	4
TOTAL	184	151	335	122	71	193	16	15	31	71	61	132

INFANTILE MORTALITY

(under 1 year)

CAUSES OF DEATH

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
0. T.B. of Meninges & C.N.S.	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
0. Congenital Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Meningococcal Infections	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
5. Measles	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
6. Other avitaminoses and nutritional def. states	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
6. Purpura	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
1. Cerebral haemorrhage	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
0. Meningitis, exc. meningococcal and tuberculous	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
3. Epilepsy	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
1. Otitis Media without mastoiditis	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
2. Other myocardi. degn.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
4. Other/unspec. dis. heart	0	0	0	1	0	1	0	0	0	0	1	1	1	1	2
0. Lobar Pneumonia	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
1. Broncho Pneumonia	0	0	0	4	10	14	0	1	1	2	2	4	6	13	19
3. Pneumonia, other & unspec.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
0. Acute Bronchitis	0	0	0	1	0	1	0	0	0	0	1	1	1	1	2
1. Bronchitis, unqualified	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
7. Gastro-enteritis and colitis, age 4 weeks and over	0	0	0	11	12	23	0	0	0	3	3	6	14	15	29
8. Oth. dis. intest. and peritn.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1. Nephritis with oedema	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
2. Chronic Nephritis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Other dis. of skin	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
1. Spin. bif. & mngocele.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Cong. Hydrocephalus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Other cong. malfrms. of nerv. system & sense organs	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
4. Congenital malfrms. of circulatory system	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
6. Cong. Malf. digest. syst.	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
7. Cong. Malf. Genito Ury. system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Unspec. Cong. Malformms.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0. Intracranial & spinal injury at birth	0	0	0	0	1	1	0	1	1	0	0	0	0	2	2
1. Other birth injury	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
2. Postnatal asphyxia and atelectasis	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
4. Diarrhoea of new born	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
7. Haemlytc. dis. newborn	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
7. Haemgic. dis. newborn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73. Ill defined dis. peculiar to early infancy	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
74. Immaturity with other subsidiary condition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75. Immaturity subsidiary to some other cause	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76. Immaturity, unqualified	4	3	7	3	8	11	0	1	1	4	7	11	7	16	23
82. Symptoms referable to cardiovasc. & lymphatic systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83. Symptoms referable to respiratory system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95. Ill def./unknown causes	0	0	0	8	1	9	0	0	0	0	0	0	8	1	9
01. Inhaln. of food causing suffocn.	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
25. Acc. mechl. suffocn.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29. Accidtl. drowning	0	0	0	0	0	0	1	0	1	0	0	1	1	0	1
81. Excess. heat & insolation	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
50. Therapeutic misadventure in surgical treatment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	6	3	9	39	35	74	1	3	4	15	19	34	55	57	112

STATE OF TEXAS
COUNTY OF DALLAS

No.	Name of Party	Address	City	County	State
1	J. M. Smith	123 Main St	Dallas	Dallas	Texas
2	W. R. Jones	456 Elm St	Dallas	Dallas	Texas
3	A. B. Brown	789 Oak St	Dallas	Dallas	Texas
4	C. D. Green	101 Pine St	Dallas	Dallas	Texas
5	E. F. White	202 Cedar St	Dallas	Dallas	Texas
6	G. H. Black	303 Maple St	Dallas	Dallas	Texas
7	I. J. Gray	404 Birch St	Dallas	Dallas	Texas
8	K. L. Pink	505 Walnut St	Dallas	Dallas	Texas
9	M. N. Blue	606 Spruce St	Dallas	Dallas	Texas
10	O. P. Yellow	707 Hickory St	Dallas	Dallas	Texas
11	Q. R. Purple	808 Ash St	Dallas	Dallas	Texas
12	S. T. Red	909 Sycamore St	Dallas	Dallas	Texas
13	U. V. Orange	1010 Poplar St	Dallas	Dallas	Texas
14	W. X. Green	1111 Magnolia St	Dallas	Dallas	Texas
15	Y. Z. Blue	1212 Dogwood St	Dallas	Dallas	Texas
16	AA. BB. Yellow	1313 Redwood St	Dallas	Dallas	Texas
17	CC. DD. Purple	1414 Cypress St	Dallas	Dallas	Texas
18	EE. FF. Red	1515 Juniper St	Dallas	Dallas	Texas
19	GG. HH. Orange	1616 Fir St	Dallas	Dallas	Texas
20	II. JJ. Green	1717 Hemlock St	Dallas	Dallas	Texas
21	KK. LL. Blue	1818 Spruce St	Dallas	Dallas	Texas
22	MM. NN. Yellow	1919 Cedar St	Dallas	Dallas	Texas
23	OO. PP. Purple	2020 Pine St	Dallas	Dallas	Texas
24	QQ. RR. Red	2121 Oak St	Dallas	Dallas	Texas
25	SS. TT. Orange	2222 Elm St	Dallas	Dallas	Texas
26	UU. VV. Green	2323 Maple St	Dallas	Dallas	Texas
27	WW. XX. Blue	2424 Birch St	Dallas	Dallas	Texas
28	YY. ZZ. Yellow	2525 Walnut St	Dallas	Dallas	Texas
29	AAA. BBB. Purple	2626 Spruce St	Dallas	Dallas	Texas
30	CCC. DDD. Red	2727 Cedar St	Dallas	Dallas	Texas
31	EEE. FFF. Orange	2828 Pine St	Dallas	Dallas	Texas
32	GGG. HHH. Green	2929 Oak St	Dallas	Dallas	Texas
33	III. JJJ. Blue	3030 Elm St	Dallas	Dallas	Texas
34	KKK. LLL. Yellow	3131 Maple St	Dallas	Dallas	Texas
35	MMM. NNN. Purple	3232 Birch St	Dallas	Dallas	Texas
36	OOO. PPP. Red	3333 Walnut St	Dallas	Dallas	Texas
37	QQQ. RRR. Orange	3434 Spruce St	Dallas	Dallas	Texas
38	SSS. TTT. Green	3535 Cedar St	Dallas	Dallas	Texas
39	UUU. VVV. Blue	3636 Pine St	Dallas	Dallas	Texas
40	WWW. XXX. Yellow	3737 Oak St	Dallas	Dallas	Texas
41	YYY. ZZZ. Purple	3838 Elm St	Dallas	Dallas	Texas
42	AAA. BBB. Red	3939 Maple St	Dallas	Dallas	Texas
43	CCC. DDD. Orange	4040 Birch St	Dallas	Dallas	Texas
44	EEE. FFF. Green	4141 Walnut St	Dallas	Dallas	Texas
45	GGG. HHH. Blue	4242 Spruce St	Dallas	Dallas	Texas
46	III. JJJ. Yellow	4343 Cedar St	Dallas	Dallas	Texas
47	KKK. LLL. Purple	4444 Pine St	Dallas	Dallas	Texas
48	MMM. NNN. Red	4545 Oak St	Dallas	Dallas	Texas
49	OOO. PPP. Orange	4646 Elm St	Dallas	Dallas	Texas
50	QQQ. RRR. Green	4747 Maple St	Dallas	Dallas	Texas
51	SSS. TTT. Blue	4848 Birch St	Dallas	Dallas	Texas
52	UUU. VVV. Yellow	4949 Walnut St	Dallas	Dallas	Texas
53	WWW. XXX. Purple	5050 Spruce St	Dallas	Dallas	Texas
54	YYY. ZZZ. Red	5151 Cedar St	Dallas	Dallas	Texas
55	AAA. BBB. Orange	5252 Pine St	Dallas	Dallas	Texas
56	CCC. DDD. Green	5353 Oak St	Dallas	Dallas	Texas
57	EEE. FFF. Blue	5454 Elm St	Dallas	Dallas	Texas
58	GGG. HHH. Yellow	5555 Maple St	Dallas	Dallas	Texas
59	III. JJJ. Purple	5656 Birch St	Dallas	Dallas	Texas
60	KKK. LLL. Red	5757 Walnut St	Dallas	Dallas	Texas
61	MMM. NNN. Orange	5858 Spruce St	Dallas	Dallas	Texas
62	OOO. PPP. Green	5959 Cedar St	Dallas	Dallas	Texas
63	QQQ. RRR. Blue	6060 Pine St	Dallas	Dallas	Texas
64	SSS. TTT. Yellow	6161 Oak St	Dallas	Dallas	Texas
65	UUU. VVV. Purple	6262 Elm St	Dallas	Dallas	Texas
66	WWW. XXX. Red	6363 Maple St	Dallas	Dallas	Texas
67	YYY. ZZZ. Orange	6464 Birch St	Dallas	Dallas	Texas
68	AAA. BBB. Green	6565 Walnut St	Dallas	Dallas	Texas
69	CCC. DDD. Blue	6666 Spruce St	Dallas	Dallas	Texas
70	EEE. FFF. Yellow	6767 Cedar St	Dallas	Dallas	Texas
71	GGG. HHH. Purple	6868 Pine St	Dallas	Dallas	Texas
72	III. JJJ. Red	6969 Oak St	Dallas	Dallas	Texas
73	KKK. LLL. Orange	7070 Elm St	Dallas	Dallas	Texas
74	MMM. NNN. Green	7171 Maple St	Dallas	Dallas	Texas
75	OOO. PPP. Blue	7272 Birch St	Dallas	Dallas	Texas
76	QQQ. RRR. Yellow	7373 Walnut St	Dallas	Dallas	Texas
77	SSS. TTT. Purple	7474 Spruce St	Dallas	Dallas	Texas
78	UUU. VVV. Red	7575 Cedar St	Dallas	Dallas	Texas
79	WWW. XXX. Orange	7676 Pine St	Dallas	Dallas	Texas
80	YYY. ZZZ. Green	7777 Oak St	Dallas	Dallas	Texas
81	AAA. BBB. Blue	7878 Elm St	Dallas	Dallas	Texas
82	CCC. DDD. Yellow	7979 Maple St	Dallas	Dallas	Texas
83	EEE. FFF. Purple	8080 Birch St	Dallas	Dallas	Texas
84	GGG. HHH. Red	8181 Walnut St	Dallas	Dallas	Texas
85	III. JJJ. Orange	8282 Spruce St	Dallas	Dallas	Texas
86	KKK. LLL. Green	8383 Cedar St	Dallas	Dallas	Texas
87	MMM. NNN. Blue	8484 Pine St	Dallas	Dallas	Texas
88	OOO. PPP. Yellow	8585 Oak St	Dallas	Dallas	Texas
89	QQQ. RRR. Purple	8686 Elm St	Dallas	Dallas	Texas
90	SSS. TTT. Red	8787 Maple St	Dallas	Dallas	Texas
91	UUU. VVV. Orange	8888 Birch St	Dallas	Dallas	Texas
92	WWW. XXX. Green	8989 Walnut St	Dallas	Dallas	Texas
93	YYY. ZZZ. Blue	9090 Spruce St	Dallas	Dallas	Texas
94	AAA. BBB. Yellow	9191 Cedar St	Dallas	Dallas	Texas
95	CCC. DDD. Purple	9292 Pine St	Dallas	Dallas	Texas
96	EEE. FFF. Red	9393 Oak St	Dallas	Dallas	Texas
97	GGG. HHH. Orange	9494 Elm St	Dallas	Dallas	Texas
98	III. JJJ. Green	9595 Maple St	Dallas	Dallas	Texas
99	KKK. LLL. Blue	9696 Birch St	Dallas	Dallas	Texas
100	MMM. NNN. Yellow	9797 Walnut St	Dallas	Dallas	Texas

INFANTILE MORTALITY

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
During 1st 24 hours	4	2	6	4	4	8	0	1	1	4	4	8	8	9	17
2nd - 7th day	0	1	1	1	4	5	0	1	1	2	4	6	3	9	12
1 Week - 1 Month	1	0	1	4	8	12	0	0	0	4	5	9	8	13	21
TOTAL : 1 Month	5	3	8	9	16	25	0	2	2	10	13	23	19	31	50
1 Month - 2 Months	1	0	1	6	5	11	0	0	0	2	1	3	8	6	14
3 Months - 5 Months	0	0	0	10	7	17	0	1	1	1	3	4	11	11	22
6 Months - 8 Months	0	0	0	7	5	12	0	0	0	1	2	3	8	7	15
9 Months - 11 Months	0	0	0	7	2	9	1	0	1	1	0	1	9	2	11
TOTAL : 1 - 11 Months	1	0	1	30	19	49	1	1	2	5	6	11	36	26	62
GRAND TOTAL	6	3	9	39	35	74	1	3	4	15	19	34	55	57	112

INFANTILE MORTALITY RATES
(Deaths per 1,000 Births)

	EUROPEAN	BANTU	COLOURED	ASIATIC
During 1st 24 hours	6 : 7.9	8 : 11.6	1 : 5.2	8 : 9.7
2nd - 7th day	1 : 1.3	5 : 7.3	1 : 5.2	6 : 7.3
1 Week - 1 Month	1 : 1.3	12 : 17.5	0 : 0	9 : 10.9
1 Month - 2 Months	1 : 1.3	11 : 16.0	0 : 0	3 : 3.6
3 Months - 5 Months	0 : 0	17 : 24.7	1 : 5.2	4 : 4.8
6 Months - 8 Months	0 : 0	12 : 17.5	0 : 0	3 : 3.6
9 Months - 11 Months	0 : 0	9 : 13.1	1 : 5.2	1 : 1.2
Infantile Mortality Rate	9 : 11.8	74 : 107.7	4 : 20.9	34 : 41.1

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

European	:	2.7%
Bantu	:	38.3%
Coloured	:	12.9%
Asiatic	:	25.8%
All Non-European	:	31.5%
All Races	:	17.5%

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

	EUROPEAN		BANTU		COLOURED		ASIATIC		ALL NON-EUR.	
	No.	%	No.	%	No.	%	No.	%	No.	%
Tuberculosis (all forms)	0	0	0	0	0	0	1	2.9	1	0.9
Syphilis	0	0	0	0	0	0	0	0	0	0
Diphtheria	0	0	0	0	0	0	0	0	0	0
Whooping Cough	0	0	0	0	0	0	0	0	0	0
Cerebro-Spinal Fever	0	0	1	1.3	0	0	0	0	1	0.9
Measles	0	0	1	1.3	0	0	0	0	1	0.9
Malnutrition	0	0	2	2.7	0	0	0	0	2	1.8
Bronchitis and Pneumonia	1	11.1	18	24.3	1	25	5	14.7	24	21.4
Gastro-Enteritis	0	0	23	31.8	0	0	6	17.6	29	25.9
Malformations	0	0	1	1.3	0	0	1	2.9	2	1.8
Injury at Birth	0	0	1	1.3	1	25	0	0	2	1.8
Asphyxia - Atelectasis	0	0	0	0	0	0	1	2.9	1	0.9
Prematurity	7	77.8	11	14.9	1	25	11	32.4	23	20.5
Ill defined causes	0	0	9	12.2	0	0	0	0	9	8.0
Other specified causes	1	11.1	7	9.5	1	25	9	26.5	17	15.2
	9		74		4		34		112	

Table with multiple columns and rows, containing faint text and numbers. The table is mostly illegible due to low contrast and blurriness.

RESPIRATORY SYSTEM TUBERCULOSIS

(Code No. 001 - 008)

DEATHS IN MONTHS OF THE YEAR

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
May	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
June	0	1	1	1	0	1	0	1	1	0	0	0	1	1	2
July	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
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	3	0	3	0	0	0	0	0	0	3	0	3
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	0	1	1	5	1	6	1	1	2	1	0	1	7	2	9

DEATH RATES (PER 1,000 POPULATION)

European	:	0.025
Bantu	:	0.2
Coloured	:	0.2
Asiatic	:	0.045
All Non-Europeans	:	0.16
ALL PERSONS	:	0.105

DEATHS IN AGE GROUPS

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
0 - 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 34 years	0	0	0	1	1	2	0	1	1	0	0	0	1	2	3
35 - 44 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
45 - 54 years	0	0	0	2	0	2	1	0	1	0	0	0	3	0	3
55 - 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 - 74 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
75 and Over	0	1	1	0	0	0	0	0	0	1	0	1	1	0	1
TOTAL :	0	1	1	5	1	6	1	1	2	1	0	1	7	2	9

TUBERCULOSIS, OTHER FORMS

(Code No. 010 - 019)

DEATHS IN MONTHS OF THE YEAR

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
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	1	0	1	1	0	1
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	0	0	0	0	1	1	0	0	0	1	0	1	1	1	2

DEATH RATE PER 1,000 POPULATION

European	:	0
Bantu	:	0.035
Coloured	:	0
Asiatic	:	0.045
All Non-European	:	0.04
ALL PERSONS	:	0.02

DEATHS IN AGE GROUPS

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

MALIGNANT AND OTHER NEOPLASMS

(Code No. 140 - 239)

DEATHS IN AGE GROUPS

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1
15 - 24 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
25 - 34 years	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
35 - 44 years	1	1	2	0	1	1	0	0	0	2	0	2	0	3	3
45 - 54 years	3	1	4	0	0	0	0	1	1	1	0	1	1	1	2
55 - 64 years	8	7	15	0	1	1	0	1	1	0	0	0	0	2	2
65 - 74 years	5	9	14	1	1	2	0	2	2	0	1	1	1	4	5
75 and Over	11	11	22	1	0	1	0	0	0	0	0	0	1	0	1
TOTAL :	31	29	60	3	3	6	0	4	4	2	3	5	5	10	15

DEATH RATE PER 1,000 POPULATION

European	:	1.5
Bantu	:	0.2
Coloured	:	0.8
Asiatic	:	0.2
All Non-European	:	0.3
ALL PERSONS	:	0.8

FORMS OF MALIGNANT AND OTHER NEOPLASMS CAUSING DEATH.

Age Groups	0 - 24				25 - 44				45 - 64				65 and Over			
	Eur.		N-Eur.		Eur.		N-Eur.		Eur.		N-Eur.		Eur.		N-Eur.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Malignant Neoplasm of -	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Tongue	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
50 Oesophagus	0	0	0	0	0	0	0	0	2	1	1	0	4	2	1	1
51 Stomach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 Small intestine (inc. duodenum)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
53 Large intestine (exc. rectum)	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0
54 Rectum	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0
55 Biliary passages and Liver	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
56 Liver (sec.&unspec.)	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0
57 Pancreas	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
61 Larynx	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
62 Trachea, bronchus & lung - primary	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
63 Trachea - Secondary	0	0	0	0	0	0	0	0	2	0	0	1	2	1	0	0
70 Breast	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
71 Cervix uteri	0	0	0	0	0	0	0	2	0	0	0	0	0	3	0	0
72 Corpus uteri	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
75 Ovary, Fallopian tube and broad lig.	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0
77 Prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Mgmt. Neoplasm of testis	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
80 Mgmt. Neoplasm of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
81 Bladder/Urinary organs	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
90 Mgmt. Melanoma of skin	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
92 Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Thyroid Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Bone	0	0	1	0	0	0	0	0	0	0	0	0	1	2	0	0
99 Other & unspec. sites	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
200 Lymphosarcoma and reticulosarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
201 Hodgkin's disease	0	0	0	0	0	0	0	0	1	1	0	0	0	3	0	0
204 Leukaemia & anaemia	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
237 Unspec. nature brain & parts-ner. system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	2	0	3	1	0	3	11	8	1	3	16	20	2	4

DISEASES OF THE CIRCULATORY SYSTEM

(Code Nos. 400 - 468)

DEATH IN AGE GROUPS

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	1	0	1	1	0	1	0	0	0	0	1	1	1	1	2
1 - 2 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	0	0	0	1	2	3	0	0	0	0	0	0	1	2	3
25 - 34 years	1	0	1	1	0	1	0	0	0	0	0	0	1	0	1
35 - 44 years	1	0	1	0	0	0	2	0	2	4	2	6	6	2	8
45 - 54 years	9	3	12	1	0	1	2	0	2	2	2	4	5	2	7
55 - 64 years	14	11	25	5	0	5	1	1	2	5	5	10	11	6	17
65 - 74 years	28	17	45	1	1	2	0	0	0	5	6	11	6	7	13
75 and Over	33	36	69	2	1	3	0	1	1	8	1	9	10	3	13
TOTAL :	87	67	154	12	4	16	5	2	7	25	17	42	42	23	65

DEATH RATE (PER 1,000 POPULATION)

European	:	3.9
Bantu	:	0.6
Coloured	:	1.5
Asiatic	:	1.9
All Non-European	:	1.2
ALL PERSONS	:	2.3

STATEMENT OF THE DEPARTMENT

FOR THE YEAR 1911

ENDING 31st MARCH 1912

PARTICULARS	REVENUE		EXPENDITURE		BALANCE		TOTAL	
	AMOUNT	PERCENTAGE	AMOUNT	PERCENTAGE	AMOUNT	PERCENTAGE	AMOUNT	PERCENTAGE
Income	100	100	0	0	100	100	100	100
Expenses	0	0	0	0	0	0	0	0
Balance	0	0	0	0	0	0	0	0
Total	100	100	0	0	100	100	100	100

STATEMENT OF THE DEPARTMENT

Income
 Expenses
 Balance
 Total

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

RESIDENTS : (Given in months of the Year).

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January	0	2	2	1	2	3	1	0	1	0	0	0	2	2	4
February	1	0	1	4	0	4	1	0	1	0	0	0	5	0	5
March	0	0	0	1	0	1	1	0	1	0	0	0	2	0	2
April	1	0	1	1	2	3	1	0	1	0	1	1	2	3	5
May	1	0	1	2	0	2	0	0	0	0	0	0	2	0	2
June	1	0	1	3	3	6	1	0	1	1	0	1	5	3	8
July	0	0	0	1	0	1	0	1	1	1	0	1	2	1	3
August	0	0	0	0	1	1	0	0	0	1	1	2	1	2	3
September	0	0	0	2	3	5	0	1	1	0	1	1	2	5	7
October	0	1	1	2	0	2	0	0	0	3	0	3	5	0	5
November	2	1	3	1	3	4	0	0	0	0	0	0	1	3	4
December	2	0	2	1	2	3	0	0	0	1	0	1	2	2	4
TOTAL :	8	4	12	19	16	35	5	2	7	7	3	10	31	21	52

RESIDENTS : (GIVEN IN AGE GROUPS)

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	1	0	1	7	11	18	0	1	1	2	3	5	9	15	24
- 2 years	0	0	0	0	4	4	0	0	0	1	0	1	1	4	5
- 4 years	0	0	0	5	0	5	0	0	0	0	0	0	5	0	5
- 14 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
- 24 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
- 34 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 44 years	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
- 54 years	0	1	1	1	0	1	0	0	0	0	0	0	1	0	1
- 64 years	2	0	2	2	0	2	2	0	2	1	0	1	5	0	5
- 74 years	1	0	1	2	0	2	2	0	2	1	0	1	5	0	5
and Over	4	3	7	1	0	1	0	1	1	2	0	2	3	1	4
TOTAL :	8	4	12	19	16	35	5	2	7	7	3	10	31	21	52

Bronchitis	1	0	1	4	0	4	1	1	2	1	1	2	6	2	8
Pneumonia	7	4	11	15	16	31	4	1	5	6	2	8	25	19	44
TOTAL :	8	4	12	19	16	35	5	2	7	7	3	10	31	21	52

DEATH RATES PER 1,000 POPULATION

BRONCHITIS : Code Nos. 500 - 502.

European	: 0.025
Bantu	: 0.2
Coloured	: 0.4
Asiatic	: 0.1
All Non-European	: 0.1
ALL PERSONS	: 0.1

PNEUMONIA : Code Nos. 490 - 493.

European	: 0.3
Bantu	: 1.1
Coloured	: 1.0
Asiatic	: 0.4
All Non-European	: 0.8
ALL PERSONS	: 0.6

DEATHS DUE TO GASTRO-ENTERITIS AND COLITIS

(Age 4 weeks and over)

(Code No. 571)

	EUROPEAN			BANTU			COLOURED			ASIATIC			ALL NON-EUR.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January	0	0	0	3	3	6	0	1	1	2	1	3	5	5	10
February	0	0	0	1	2	3	0	0	0	0	1	1	1	3	4
March	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
April	0	0	0	4	4	8	0	0	0	1	0	1	5	4	9
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	1	0	1	3	1	4	0	0	0	0	0	0	3	1	4
July	0	0	0	1	0	1	0	0	0	1	0	1	2	0	2
August	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
September	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
October	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	2	2	4	0	0	0	0	0	0	2	2	4
December	0	0	0	1	1	2	0	0	0	1	0	1	2	1	3
TOTAL :	3	0	3	15	14	29	0	1	1	5	4	9	20	19	39

DISTRICTS OF RESIDENCE OF CASES OF ENTERICFEVER AND TUBERCULOSIS

	Notifications of Enteric Fever	Deaths from Tuberculosis
Pietermaritzburg Central	8	3
Zwartkop Valley	-	-
Wembley	1	1
Montrose	-	-
Scottsville	1	-
Mountain Rise	-	-
Pentrich	-	2
Pentrich (outside water supply area)	-	-
Chase and Town Bush Valleys	-	-
Sebantu Village	-	4
Hathorn's Hill	-	-
Asiatic Housing Scheme	-	2
Raisethorpe	-	1
Northdale and Woodlands	-	-
TOTAL :	10	13

STATE OF TEXAS
 COUNTY OF []
 []

NO.	NAME	RESIDENCE	DATE	AMOUNT	REMARKS
1					
2					
3					
4					
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STATE OF TEXAS
 COUNTY OF []
 []

NO.	NAME	RESIDENCE	DATE	AMOUNT	REMARKS
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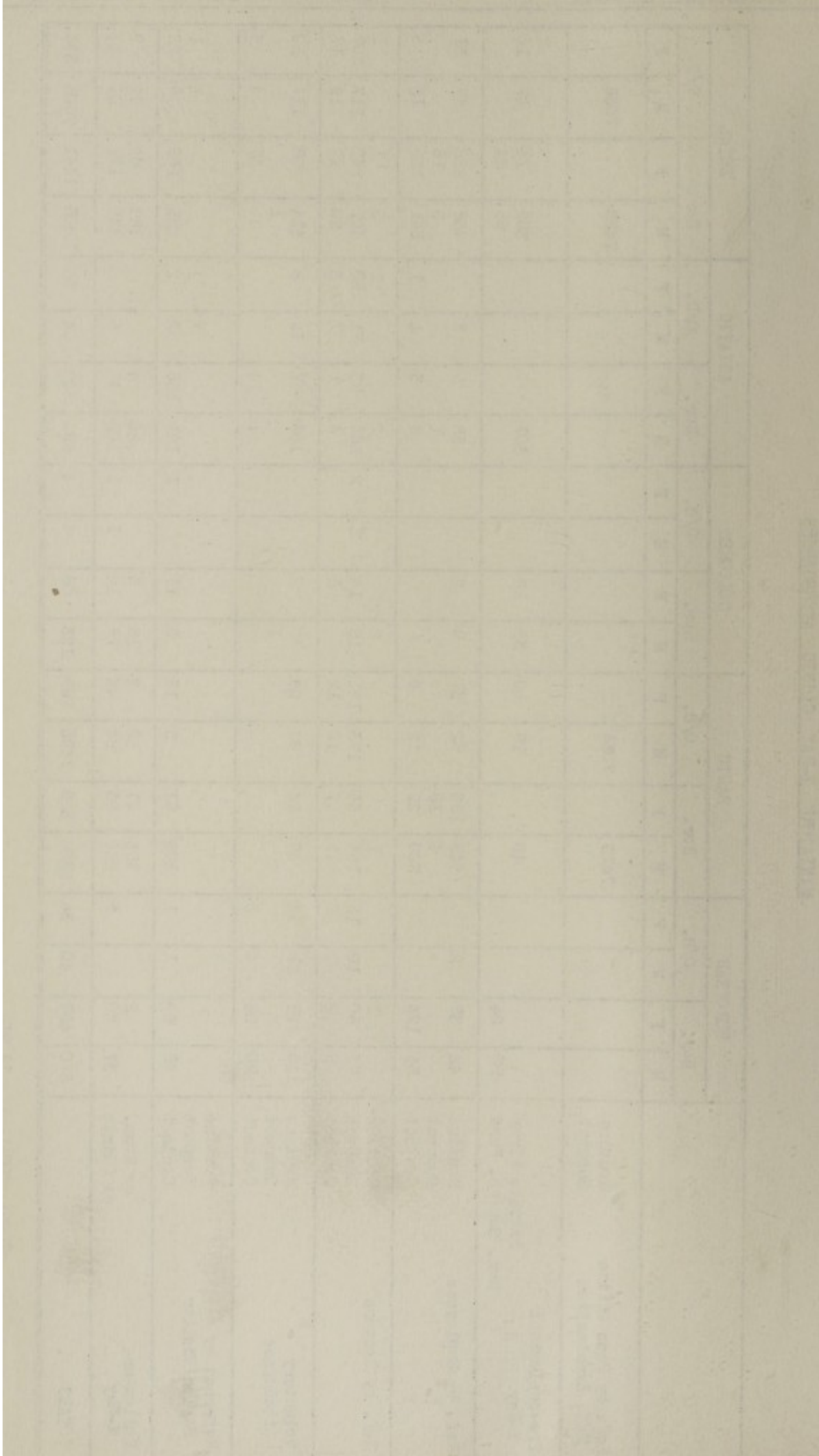
TUBERCULOSIS CLINIC

	European						Bantu						Coloured						Asiatic						Total													
	Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.				
	M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F			
New Cases	25	13	7	5	5		85	35	232	49	4	1	4	4	4	4	4	20	4	4	4	41	4	4	153	72	247	59	247	59								
Total Attendances	89	54	11	13	13		508	245	916	225	9	2	72	40	9	276	148	16	16	8	16	276	148	952	248	952	248											
Sputa Examined	17	19	-	3	3		139	30	132	14	3	-	38	8	3	30	16	-	-	-	-	30	16	135	17	135	17											
Sputa Positive	4	3	1	1	1		13	2	11	4	1	-	6	1	1	4	2	-	-	-	-	4	2	13	5	13	5											
X-Ray Examinations	34	23	4	9	9		90	34	204	32	7	1	13	7	1	35	19	7	5	5	7	35	19	216	47	216	47											
X-Ray Positive	13	16	4	1	1		64	27	108	27	5	1	7	5	1	17	15	2	2	2	4	17	15	114	36	114	36											
Positive Diagnosis	4	1	-	-	-		46	18	101	19	1	1	-	1	1	13	8	8	1	1	1	63	28	104	21	104	21											
Adm. to Durban Hospitals, S.A.N.T.A. and to Non-Eur. Inf. Dis. Hosp. from Clinic	3	1	-	-	-		29	3	26	8	-	-	-	-	1	5	-	-	-	-	-	37	4	27	8	27	8											
Contacts Examined	18	6	3	2	2		45	16	35	6	2	-	3	2	-	27	9	9	3	3	3	93	33	39	8	39	8											
EUROPEAN						BANTU						COLOURED						ASIATIC						TOTAL														
365						1,297						420						795						2,877														
706						1,353						144						781						2,984														
Streptomycin Injecs. given																																						
Home Visits to Tubercularities and their contacts (Borough cases only)																																						

MINIATURE X-RAY CLINIC ATTENDANCES

	EUROPEAN						BANTU						COLOURED						ASIATIC						TOTAL					
	Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.		
	M	F	M	M	F	F	M	F	M	M	F	F	M	F	M	M	F	M	F	M	M	F	F	M	F	M	M	F		
Ref. by Pass Office Med. Examination							7473																							
Pre-employment X-Ray	96	24					40																							
Private Firms Mun. Supern. Fund																														
Ref. by Employers	42	36	2				349	185	62	31	2																			
Routine Suspect Contact	33	124					4	18	12	4																				
Ref. by Doctors	69	80	10	15	2		156	55	173	151	14	3																		
Routine Suspect Contact	5	2	2	2			11	7	10	12	1																			
Voluntary Attendance	140	128	21	14			58	24	84	28	9																			
Routine Suspect Contact	90	23	4	3																										
Referred by Health Visitor	58	59	1	1			103	61	3	18	6	11																		
Routine Suspect Contact																														
Follow-up X-Ray	37	20		3			153	51	12	2	5																			
ex.Hosp. ex Clinic							280	96	84	43	12	1																		
TOTALS :	570	499	40	38			8928	526	7495	299	123	68	4	4	894	348	64	55	10515	1441	7603	396								

GRAND TOTAL : 19,955



RESULTS OF MINIATURE X-RAYS

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

	EUROPEAN						BANTU						COLOURED						ASIATIC						TOTAL											
	Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.		
	M	F	M	M	F	F	M	F	M	M	F	F	M	F	M	M	F	M	M	F	M	M	F	F	M	M	F	M	M	F	M	M	F	F		
1. Suspected P. Tuberculosis	17	15	1	3	194	32	124	15	5	2	1	1	36	16	4	4	253	65	130	23																
2. Other lung conditions	4	9	-	-	16	4	11	5	3	-	-	-	3	2	-	-	26	15	11	5																
3. Cardiac Conditions	1	2	-	-	7	-	5	-	-	-	-	-	1	-	-	-	9	2	6	4																
4. Spinal or Thoracic cage	-	-	-	-	4	1	3	-	-	-	-	-	1	-	-	-	5	1	3	1																
5. Nil abnormal detected	511	451	-	-	8274	382	7255	234	72	49	2	2	730	283	54	46	9587	1165	7311	282																
6. Other conditions noted	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	1	-	1	-																
TOTALS :	533	477	1	3	8495	419	7399	254	81	51	3	3	772	301	59	55	9881	1248	7462	315																

European : 1014

All Non-European : 17,892

All Persons : 18,906

1918

1918

1918

Year	Month	Day	Temperature	Humidity	Wind	Clouds	Remarks
1918	Jan	1	32	75	SE 10	Partly Cloudy	
1918	Jan	2	35	70	SE 12	Clear	
1918	Jan	3	38	65	SE 15	B, C	
1918	Jan	4	40	60	SE 18	B, C	
1918	Jan	5	42	55	SE 20	B, C	
1918	Jan	6	45	50	SE 22	B, C	
1918	Jan	7	48	45	SE 25	B, C	
1918	Jan	8	50	40	SE 28	B, C	
1918	Jan	9	52	35	SE 30	B, C	
1918	Jan	10	55	30	SE 32	B, C	
1918	Jan	11	58	25	SE 35	B, C	
1918	Jan	12	60	20	SE 38	B, C	
1918	Jan	13	62	15	SE 40	B, C	
1918	Jan	14	65	10	SE 42	B, C	
1918	Jan	15	68	5	SE 45	B, C	
1918	Jan	16	70	0	SE 48	B, C	
1918	Jan	17	72	0	SE 50	B, C	
1918	Jan	18	75	0	SE 52	B, C	
1918	Jan	19	78	0	SE 55	B, C	
1918	Jan	20	80	0	SE 58	B, C	
1918	Jan	21	82	0	SE 60	B, C	
1918	Jan	22	85	0	SE 62	B, C	
1918	Jan	23	88	0	SE 65	B, C	
1918	Jan	24	90	0	SE 68	B, C	
1918	Jan	25	92	0	SE 70	B, C	
1918	Jan	26	95	0	SE 72	B, C	
1918	Jan	27	98	0	SE 75	B, C	
1918	Jan	28	100	0	SE 78	B, C	
1918	Jan	29	102	0	SE 80	B, C	
1918	Jan	30	105	0	SE 82	B, C	
1918	Jan	31	108	0	SE 85	B, C	

1918

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

(excluding Pass Office Cases.)

	EUROPEAN						BANTU						COLOURED						ASIATIC						TOTAL					
	Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.		
	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	
A. P.T.B. Active	2	1	-	-	30	13	7	1	2	-	-	7	7	-	-	-	-	41	21	7	1	1	1	7	1	1	1	1		
B. P.T.B. Inactive	2	2	-	-	6	2	-	-	1	1	1	1	1	-	-	-	-	12	5	1	1	1	1	1	1	1	1	1		
C. Other Lung Conditions	1	1	-	-	3	1	-	-	1	-	-	-	-	-	-	-	-	7	2	-	-	-	-	-	-	-	-	-		
D. Cardiac Conditions	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
E. Nil Abnormal	5	4	-	-	5	3	2	-	-	-	-	2	2	-	-	-	-	12	9	2	-	-	-	2	-	-	-	-		
F. Other Conditions noted	2	-	-	-	-	-	-	-	1	1	-	-	1	1	-	-	-	4	2	-	-	-	-	-	-	-	-	-		
G. Did not re-attend	5	7	1	3	45	13	23	14	1	-	-	1	21	6	4	3	72	26	28	21	21	21	21	21	21	21	21	21		
TOTAL	17	15	1	3	90	32	32	15	6	2	1	36	16	4	4	4	149	65	38	23	38	23	38	23	38	23	38	23		

This image shows a large, empty grid drawn on aged, yellowish paper. The grid consists of approximately 14 vertical columns and 28 horizontal rows, creating a series of small, empty rectangular cells. The lines are faint and evenly spaced. The paper has a slightly textured appearance and shows some minor discoloration and faint smudges, particularly near the bottom center.

PASS OFFICE ANALYSIS

	Borough	Out-of-Borough	Total
Total X-Rayed	7,473	7,036	14,509
Suspect P.T.B.	104	92	196

FOLLOW-UP RESULTS

	Borough	Out-of-Borough	Total
1A. P.T.B. Active	30	26	56
1B. P.T.B. Inactive	11	12	23
2. Other Lung Conditions	1	2	3
3. Cardiac Conditions	-	-	-
4. Spinal or Thoracic Cage	-	-	-
5. N.A.D.	32	22	54
6. Other Conditions Noted	-	-	-
7. Did not Re-attend	30	30	60
TOTAL	104	92	196

TABLE 1

Year	1950	1951	1952
...
...

TABLE 2

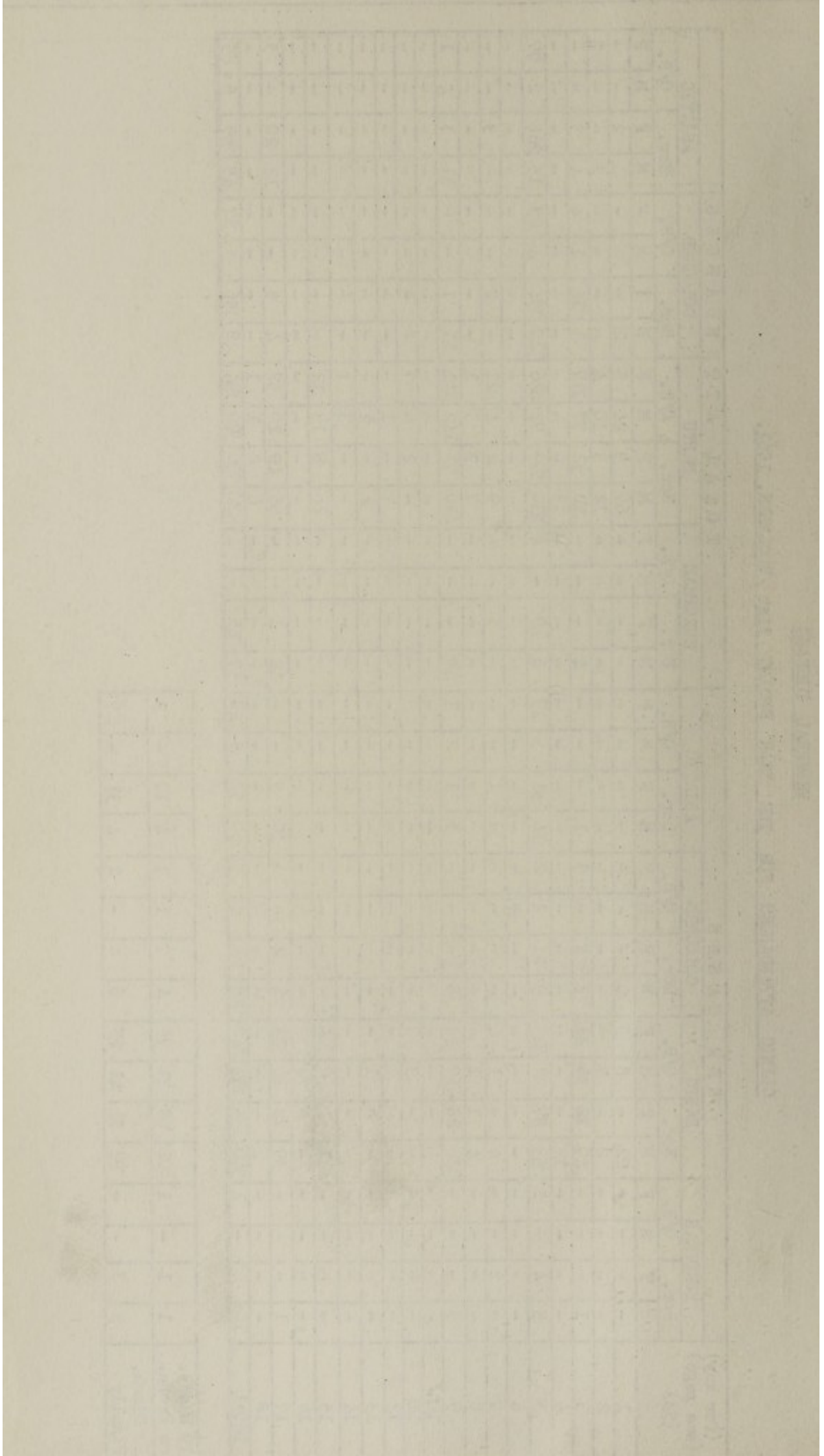
Year	1950	1951	1952
1.
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VENEREAL DISEASE

CLINIC ATTENDANCES FOR THE YEAR ENDING 31st DECEMBER, 1961.

(for key) (see page) (53)	NEW CASES												TOTAL ATTENDANCES																											
	EUROPEAN				BANTU				COLOURED				ASIATIC				EUROPEAN				BANTU				COLOURED				ASIATIC											
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.		Bor.		O/B.									
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F										
1	-	-	-	-	-	22	8	5	2	-	-	-	-	-	-	67	3	24	5	2	-	-	-	-	-	-	-	-	-	-										
2	-	-	-	-	-	8	7	-	-	-	-	-	-	-	-	12	3	10	4	-	-	-	-	-	-	-	-	-	-	-										
3	1	-	-	-	-	49	12	36	3	1	-	-	-	-	-	172	52	78	117	1	14	1	4	4	3	-	-	-	-	-										
4	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
5	3	4	-	-	-	53	87	22	123	2	2	14	51	3	19	4	230	509	73	526	10	134	4	23	15	268	2	77	-	-										
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
7	-	2	-	-	-	4	4	1	4	-	-	-	1	-	-	9	2	4	21	-	2	-	-	-	-	-	-	-	-	-										
8	-	-	-	-	-	4	1	1	-	-	-	-	-	-	-	7	3	5	1	-	-	-	-	-	-	-	-	-	-	-										
9	5	-	-	-	-	136	28	59	42	8	-	5	1	2	1	430	71	142	141	11	1	-	-	-	-	-	-	-	-	-										
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
11	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	2	6	7	-	-	-	-	-	-	-	-	-	-										
12	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-										
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-										
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-										
15	-	-	-	-	-	-	11	4	7	4	-	-	-	-	-	26	8	13	12	-	-	-	-	-	-	-	-	-	-	-										
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
17	1	-	-	-	-	39	23	16	23	6	2	10	5	-	18	1	65	49	29	58	4	5	-	-	-	-	-	12	20	-	5									
18	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-										
Total	10	6	-	-	-	340	155	162	240	28	24	5	30	58	5	20	57	25	-	-	-	-	-	-	-	-	-	4	1040	706	390	894	28	156	5	27	45	299	6	85

19 Disch. on Probn.	1	1	-	1	102	69	31	75	4	7	1	1	4	10	-	3
20 Disch. Finally	3	3	-	-	98	51	41	65	6	8	-	2	4	31	-	7



V.D. CLINIC DEFAULTER INVESTIGATIONS.

	EUROPEAN		BANTU		COLOURED		ASIATIC	
	M	F	M	F	M	F	M	F
UNABLE TO TRACE	-	2	54	32	-	1	-	3
RETURNED TO CLINIC	-	-	36	88	-	3	-	0
DID NOT RETURN	2	-	22	8	-	-	-	2
TOTAL OFF DEFAULTERS	2	2	212	128	-	4	-	14
NO. OF VISITS	-	4	218	137	-	4	-	20
<u>RETURNED TO CLINIC</u>								
<u>At Request of Health Visitor or Native Health Assistant</u>								
1) Following personal visits	-	4	218	137	-	4	-	20
2) Following letters	-	-	-	-	-	-	-	-
3) Following telephone calls	-	-	5	4	-	-	-	-
4) Following accidental encounter	-	-	20	10	-	-	-	3
<u>Supplementary Visits by Health Visitor (in case of Native Health Assistants.)</u>								
1) Employer telephoned	-	-	8	4	-	-	-	-
2) Employer visited	-	-	13	12	-	-	-	-
3) Defaulters visited	2	2	58	31	-	12	-	-
<u>REASONS FOR DEFAULTING</u>								
No reason	-	-	14	5	-	-	-	-
Unable to pay transport	-	-	2	2	-	2	-	2
Left City	-	-	30	9	-	-	-	2
Hours of work prevent attendance	-	-	46	16	-	-	-	-
<u>Clinic Hours Unsuitable:</u>								
Prefer morning clinic	-	-	-	-	-	-	-	-
Prefer afternoon Clinic	-	-	-	-	-	-	-	-
Prefer evening Clinic	-	-	-	-	-	-	-	-
Prefer Saturday morning Clinic	-	-	-	-	2	-	-	-
Thought him / herself cured	2	-	36	23	-	-	-	6
Faces not separated enough at Clinic	-	-	-	-	-	-	-	-
Clinic not private enough	-	-	-	-	-	-	-	-
Reaction to Injections	-	2	4	-	-	-	-	-
Illness	-	-	12	11	-	-	-	-
Other reasons	-	-	32	37	-	2	-	4

No.	Date	Particulars	Debit	Credit	Balance
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V.D. HOSPITAL RETURNS	BANTU				COLOURED S				ASIATICS			
	New Cases				New Cases				New Cases			
	Bor.		O/B.		Bor.		O/B.		Bor.		O/B.	
	M	F	M	F	M	F	M	F	M	F	M	F
1. Seroneg. Prim. Syphilis	29	1	27	2	1							
2. Seropos. Prim. Syphilis	18	3	33	12	1							
3. Secondary Syphilis	35	31	82	124			2	2				
4. Tertiary Syph. (Clinical)												
5. Endosyphilis (Serological)		1										
6. Neurosyphilis												
7. Cong. Syph. under 1 year	1		4	2								
8. Cong. Syph. over 1 year												
9. Gonorrhoea	27	1	25	8					1			2
10. G.C. Vulvo-vaginitis												
11. G.C. Ophthalmia												
12. Ulcus Malle			4	2								
13. Lymph. Venereum			2									
14. Gran. Venereum												
15. Venereal Warts	10	2	11	8								
16. Phagedaena			1	1								
17. Suspected V.D.	10	1	19	15								

	BANTU MALE	FEMALE	COL.	MALE	FEMALE	AS.	MALE	FEMALE
No. admitted during year	Bor. 127	39	Bor. 39	2	2	Bor. 1	1	-
	O/B. 208	161	O/B. 161	2	-	O/B. 2	2	-
No. suffering from 2 or more Venereal Diseases	Bor. 3	-	Bor. 1	1	-	Bor. -	-	-
	O/B. 5	3	O/B. 3	-	-	O/B. -	-	-

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

1. Seronegative Primary Syphilis.
2. Seropositive Primary Syphilis.
3. Secondary Syphilis.
4. Tertiary Syphilis (clinical).
5. Latent Syphilis (Serological)
6. Neurosyphilis
7. Congenital Syphilis under 1 year.
8. Congenital Syphilis over 1 year.
9. Gonorrhoea.
10. Gonococcal Vulvo Vaginitis.
11. Gonococcal Ophthalmia.
12. Chancroid.
13. Lymphogranuloma Venereum.
14. Granuloma Inguinale.
15. Venereal Warts.
16. Non-Specific Urethritis.
17. Suspected Venereal Disease which proved Non-Venereal.
18. Suffering from 2 or more Venereal Diseases.

DAILY AVERAGE OF IN-PATIENTS AT MUNICIPAL EPIDEMIC HOSPITAL.

(Non-European Venereal Diseases)

MALE : 4.

FEMALE : 3.

TOTAL : 7.

VENEREAL DISEASE HOME VISITS.

	European	Bantu	Coloured	Asiatic	Total	
	M : F	M : F	M : F	M : F	M : F	PERSONS
1961	- : 2	543 : 528	1 : 5	- : 2	544 : 537	1,081

MEMORANDUM FOR THE RECORD

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VENEREAL DISEASE Cont'd.

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

YEAR ENDING 31st DECEMBER, 1961.

	STAGE OF PREGNANCY																					
	1 - 3 Months						4 - 6 Months						7 - 9 Months									
	Eur.		Bantu		Col.		Eur.		Bantu		Col.		Eur.		Bantu		Col.					
	B.	QB	B.	QB	B.	QB	B.	QB	B.	QB	B.	QB	B.	QB	B.	QB	B.	QB				
No. of Pregnant women submitted to Serological Test			4	3	2			4	4	2	1	14	1	4			66	100	15	9	45	17
No. of Positive or Doubtful Reactors			2	3	2			3	2	2	1	11	1	4			66	93	15	8	40	17
No. of those who had previously received treatment											1	2							1			1
No. undergoing a First Course of treatment during pregnancy			4	3	2			4	4	2	1	14	3	4			21	39	3	1	10	5
No. undergoing a 2nd or 3rd Course of treatment during pregnancy										1	1						1			1		

DATE	TIME	LOCATION	DESCRIPTION	INITIALS
10/15	10:00
10/16	11:00
10/17	12:00
10/18	13:00
10/19	14:00
10/20	15:00
10/21	16:00
10/22	17:00
10/23	18:00
10/24	19:00
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10/26	21:00
10/27	22:00
10/28	23:00
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10/31	02:00
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12/18	02:00
12/19	03:00
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12/21	05:00
12/22	06:00
12/23	07:00
12/24	08:00
12/25	09:00
12/26	10:00
12/27	11:00
12/28	12:00
12/29	13:00
12/30	14:00
12/31	15:00

PAGE 12 OF 12

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ADMISSIONS TO ISOLATION HOSPITAL (EUROPEAN)
AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

	<u>Borough Cases</u>					<u>Out-of-Borough Cases</u>					Total Cases Borough and Out-of-Borough
	E	B	C	A	Total	E	B	C	A	Total	
Scarlet Fever	18	1	-	-	19	1	-	-	-	1	20
Measles	9	5	-	-	14	3	15	2	-	20	34
Diphtheria	13	4	-	4	21	10	110	3	2	125	146
Mumps	11	2	-	-	13	-	5	-	-	5	18
Whooping Cough	5	1	-	-	6	-	6	1	-	7	13
Chicken Pox	21	1	-	-	22	2	2	-	-	4	26
C.S. Fever	-	-	-	-	-	-	-	1	-	1	1
Meningitis (Virus etc.)	3	-	-	-	3	1	-	-	-	1	4
German Measles	1	-	-	-	1	-	-	-	-	-	1
Erysipelas	-	-	-	-	-	-	-	-	-	-	0
Pulmonary Tuberculosis	-	46	4	13	63	-	56	6	3	65	128
Poliomyelitis	2	-	-	-	2	2	4	-	-	6	8
Typhoid Fever	-	-	-	-	-	1	-	-	-	1	1
Boarder with Mother	-	2	-	-	2	-	-	-	-	-	2
Poliomyelitis Vaccine Reaction	1	-	-	-	1	-	-	-	-	-	1
Vaginitis	1	-	-	-	1	-	-	-	-	-	1
Conjunctivitis	1	-	-	-	1	-	-	-	-	-	1
Influenza	-	1	-	-	1	-	-	-	-	-	1
TOTAL :	86	63	4	17	170	20	198	13	5	236	406

ISOLATION HOSPITAL AND NON-EUROPEAN INFECTIOUS
DISEASES HOSPITAL

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

BCROUGH CASES

- In 6 cases (4 Eur., 2 Bantu) diagnosis Diphtheria altered to Tracheitis or Pharyngitis or Laryngitis or Tonsillitis.
- In 2 cases (Eur.) diagnosis Diphtheria altered to Diphtheria Carrier.
- In 1 case (Bantu) diagnosis Measles altered to Malnutrition and Pneumonia.
- In 1 case (Eur.) diagnosis Meningitis altered to Aseptic Meningitis.
- In 1 case (Eur.) diagnosis Meningitis altered to Otitis Media.
- In 1 case (Eur.) diagnosis Poliomyelitis altered to P.U.O.
- In 1 case (Bantu) diagnosis Scarlet Fever altered to Tonsillitis.
- In 1 case (Eur.) diagnosis Scarlet Fever altered to Coryza.
- In 1 case (Eur.) diagnosis Whooping Cough altered to Cough.
- In 1 case (Eur.) diagnosis Whooping Cough altered to Influenza.
- In 1 case (Bantu) diagnosis Influenza altered to P.U.O.

OUT-OF-BCROUGH CASES

- In 6 cases (1 Eur., 5 Bantu) diagnosis Diphtheria altered to Pharyngitis/Tracheo Bronchitis/Bronchitis/Laryngitis.
- In 1 case (Bantu) diagnosis Diphtheria altered to P.U.O.
- In 2 cases (Bantu) diagnosis Diphtheria altered to Thrush/Vincent's Angina/Stomatitis.
- In 1 case (Bantu) diagnosis Diphtheria altered to T.B. Cervical Adenitis.
- In 1 case (Bantu) diagnosis Diphtheria altered to Measles.
- In 5 cases (2 Eur., 3 Bantu) diagnosis Diphtheria altered to Tonsillitis.
- In 1 case (Eur.) diagnosis Meningitis altered to Influenza.
- In 1 case (Bantu) diagnosis Poliomyelitis altered to Rheumatic Fever.
- In 1 case (Eur.) diagnosis Poliomyelitis altered to Traumatic Paralysis.
- In 1 case (Eur.) diagnosis Typhoid Fever altered to P.U.O.
- In 1 case (Bantu) diagnosis Pulmonary Tuberculosis altered to Pellagra.
- In 1 case (Eur.) diagnosis Scarlet Fever altered to Influenza.

MEMORANDUM FOR THE RECORD

The following information is being furnished to you for your information.

MEMORANDUM FOR THE RECORD

In a letter to you, dated 10/15/54, the following information was furnished to you for your information.

MEMORANDUM FOR THE RECORD

In a letter to you, dated 10/15/54, the following information was furnished to you for your information.

INFANT WELFARE1. INFANT CLINICS

	European	Bantu	Coloured	Asiatic
<u>NEW CASES:</u>				
Under 1 Year	729	652	224	686
Over 1 Year	6	10	7	1
TOTAL:	735	662	231	687
<u>ATTENDANCES:</u>				
Under 1 Year	7,187	7,078	1,781	7,841
Over 1 Year	574	1,572	503	1,300
TOTAL:	7,761	8,650	2,284	9,141
Number on Register	1,035	1,268	440	1,371
Average Attendance per person	7.5	6.8	5.2	6.7

2. HOME VISITS

	European	Bantu	Coloured	Asiatic	Total
Ante-Natal	-	93	-	144	237
First Visits-(Notified Births)	637	430	159	743	1,969
Re-Visits - under 1 year	487	1,119	515	866	2,987
Re-Visits - over 1 year	688	1,909	931	2,672	6,200
Infectious Disease (Non-T.B.)	81	8	-	4	93
Protected Infants	-	6	-	-	6
Pediculosis & Scabies Visits	0	2	0	0	2
Infantile Mortality Visits	6	65	1	25	97
Other Home Visits	35	24	-	179	238
TOTAL:	1,934	3,656	1,606	4,633	11,829

3. MILK DISTRIBUTED

	European	Bantu	Coloured	Asiatic	Total
Fresh - Pints	3,033	13,279	3,042	11,017	30,371
Dried - lbs.	166	2,653	332	2,368	5,519

TABLE I

TABLE II

Year
1950
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1952
1953
1954
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1956
1957
1958
1959
1960

TABLE III

Year
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1960

TABLE IV

Year
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1959
1960

FOODSTUFFSSAMPLES TAKEN AND SUBMITTED FOR ANALYSIS1. MILK(a) Bacteriological Examination - Breed Counts:

Samples with less than 30,000 bacteria per c.c.	:	57
Samples with between 30,000 and 200,000 bacteria per c.c.	:	71
Samples with more than 200,000 bacteria per c.c.	:	<u>6</u>
<u>TOTAL</u>	:	<u>134</u>

(b) Bacteriological Examination - Plate Counts:

Samples with less than 30,000 bacteria per c.c.	:	30	(inc. 4 Pasteurised)
Samples with between 30,000 and 200,000 bacteria per c.c.	:	14	(inc. 3 Pasteurised)
Samples with more than 200,000 bacteria per c.c.	:	<u>18</u>	
<u>TOTAL</u>	:	<u>62</u>	(inc. 7 Pasteurised)

(c) Bacteriological Examination - Faecal B. Coli:

Samples with Faecal B. Coli absent	:	39	(inc. 6 Pasteurised)
Samples with Faecal B. Coli present 1/10 c.c.	:	19	(inc. 1 Pasteurised)
Samples with Faecal B. Coli present 1/100 c.c.	:	18	
Samples with Faecal B. Coli present in less than 1/100 c.c.	:	<u>13</u>	
<u>TOTAL</u>	:	<u>89</u>	(incl. 7 Pasteurised)

(d) Bacteriological Examination - Resazurin Test:

No. of Samples reported satisfactory	:	107
No. of Samples reported Fair	:	22
No. of Samples reported Poor	:	<u>2</u>
<u>TOTAL</u>	:	<u>131</u>

(e) Chemical Examination (By Government Analyst).

Samples with Solids-Not-Fat 8.5% and over	:	31
Samples with Solids-Not-Fat over 8% and under 8.5%:	:	1
Samples with Solids-Not-Fat below 8%	:	<u>0</u>
<u>TOTAL</u>	:	<u>32</u>

Samples with Butter Fat 3% and over	:	32
Samples with Butter Fat under 3%	:	<u>0</u>
<u>TOTAL</u>	:	<u>32</u>

(f) Phosphatase Testing of Pasteurised Milk:

Samples sufficiently heat treated	:	387
Samples not sufficiently heat treated	:	<u>12</u>
<u>TOTAL</u>	:	<u>399</u>

THE HISTORY OF THE
CITY OF BOSTON

The first section of the book discusses the early history of the city, from its founding in 1630 to the mid-17th century. It covers the establishment of the city, the role of the Puritans, and the early development of the harbor and trade.

The second section covers the period from the mid-17th century to the American Revolution. It details the city's growth, the impact of the Seven Years' War, and the events leading up to the Revolution, including the Boston Tea Party and the Siege of Boston.

The third section discusses the city's role in the American Revolution and the early years of the new nation. It covers the city's support for the Continental Congress, the impact of the war, and the city's development in the decades following the Revolution.

The fourth section covers the city's growth and development in the 19th century. It discusses the impact of the Industrial Revolution, the rise of the middle class, and the city's role in the abolitionist movement and the fight for women's rights.

The fifth section covers the city's development in the late 19th and early 20th centuries. It discusses the city's role in the Progressive Era, the impact of immigration, and the city's growth as a major center of industry and commerce.

The final section discusses the city's development in the 20th century, including the impact of World War II, the city's role in the civil rights movement, and the city's growth as a major center of industry and commerce.

2. WATERS

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

	Municipal Water Supply			Boreholes			Rain Water Tanks			Other Water Supplies (Springs/Wells)			Municipal Swimming Baths			Other Swimming Baths		
	Incubation Period		Diffe- rential Test (faecal) 48 hrs.	Incubation Period		Diffe- rential Test (faecal) 48 hrs.	Incubation Period		Diffe- rential Test (faecal) 48 hrs.	Incubation Period		Diffe- rential Test (faecal) 48 hrs.	Incubation Period		Diffe- rential Test (faecal) 48 hrs.	Incubation Period		Diffe- rential Test (faecal) 48 hrs.
	24 hrs.	48 hrs.		24 hrs.	48 hrs.		24 hrs.	48 hrs.		24 hrs.	48 hrs.		24 hrs.	48 hrs.		24 hrs.	48 hrs.	
Class I (Highly Sat. 0)	192	172	-	3	2	-	-	-	2	1	-	10	8	1	1	1	1	1
Class II (Satis. 1 - 2)	39	38	-	1	1	-	-	-	-	1	-	2	2	-	-	-	-	-
Class III (Suspicious 3-10)	13	27	-	1	1	-	-	-	5	3	-	-	-	-	-	-	-	-
Class IV (Unsat. (over 10))	4	10	-	-	1	-	-	-	1	3	1	1	3	1	1	-	-	-

FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN
CONSUMPTION

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

Albacore	84 ozs.
Asparagus	10½ ozs.
Apricots	1 lb. & 14 ozs.
Bush buck	1 (106 lbs.)
Barley	5 lbs.
Bananas	19 boxes
Bringals	1 pocket
Beetroot	16 lbs.; 4 poc.
Budgie Seed	28 ozs.
Beans - Green	153 pock.; 73 boxes; 3 lbs. & 393½ ozs.
Beans - Baked	2 lbs. & 43 ozs.
Cordials	4 doz.
Coccanut	130 lbs.
Caraway Seed	1 carton
Chillies	10 trays
Chutney	1 bot.; 21 ozs.
Cherries	2 lbs.
Chocolates	1 box
Cocoa	3 lbs.
Currants	1 lb.
Cucumbers (pickled)	1 lb. 13 oz.
Cereals	11 lbs. 8 ozs.
Cabbages	28 bags; 2 poc.
Castor Sugar	2 lbs.
Corn Crumbs	8 ozs.
Dried Fruit	18 cartons
Eggs	115 ¹⁰ / ₁₂ doz.
Fowls - dressed	9
Fowls	18
Fish - fresh	381 lbs.
Fish paste	6 oz.
Fish - pickled	1750 ozs.
Fish - tinned	13 lbs.; 4861¾ ozs.; & 1192 tins
Fruit - dried	18 cartons
Fruit Salad	42 ozs.
Fruit Juice	11 lbs. & 236 ozs.
Granadillas	409½ ozs.
Grapefruit	4 lbs.; 52 ozs.; 67½ poc.
Grapes	1 tray
Gelatine	8 ozs.
Guavas	49 lbs.; 637 ozs.
Herrings	504 ozs.
Horse Radish	10 ozs.
Jam	18 tins; 3 lbs.
Jelly	5 lbs.
Kipper Snacks	3¼ ozs.
Kippers	3¼ ozs.
Lemon Curd	29 ozs.
Lemons	195 pockets

Meat .../

SECRET

The following facilities were inspected and analyzed in the National Security Agency's Special Source Operations Program:

Facility Name	Location	Inspection Date	Analysis Date	Classification
1. [Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
2. [Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
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44. [Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
45. [Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
46. [Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
47. [Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
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50. [Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]

FOODSTUFFS CONDEMNED Cont'd.

Meat - fresh	13½ ozs.
Meat - paste	3 ozs.
Meat - corned	848 ozs.
Meat - tinned	2 tins
Milk - condensed	43 ozs.
Milk - evaporated	2 lbs. 14½ ozs.
Maltabella	14 pkts.
Molasses	5 tins
Mealie Meal	3 lbs.
Mushrooms	8 ozs.
Melon Preserve	2 lbs.
Mandarins	180 trays
Marmalade	34 tins
Mayonnaise	187 bottles
Nougat	84 doz. bars
Ovaltine	8 ozs.
Orange - segments	1 lb. 14 ozs.
Oranges	17 pockets
Oats	22 lbs.
Onions	1 poc. & 70 ozs.
Pears	2 cases; 6 lbs. & 54 ozs.
Potatoes	122 pockets
Peaches	27 trays; 1 box; 9 lbs. & 109 ozs.
Paw Paws	6 boxes
Peas	13 pockets; 1 lb. & 512½ ozs.
Popcorn	26 pkts.; 1 lb.
Peanuts	46 doz. pkts.
Pickles	60 ozs.
Peanut Butter	3 bottles
Pineapples	15 lbs. & 142 ozs.
Pineapple Juice	1088 ozs.
Puddings	1; 10½ ozs.
Plums	8 lbs.; 12 ozs.
Prunes	2 lbs.
Raisins	23 lbs.
Raisins and nuts	48 lbs.
Ravioli	182 ozs.
Raspberries	15 ozs.
Rice	2 lbs.
Rye Bread	2 lbs.
Rusks	4 oz.
Sweetcorn	4 lbs.; 21½ ozs.
Sweets	10 boxes
Sultanas	9 lbs.
Snock Roes	8 ozs.
Sheep's Head	1
Sausages	2 lbs.
Shrimps	7½ ozs.
Spanspek	13 boxes
Soups	1 pkt.; 2 lbs. 31 ozs.
Sauerkraut	3 lbs.; 39 ozs.
Tomato Puree	2 lbs.; 41 ozs.
Tomato Paste	52 ozs.
Tomatoes	40 boxes; 2 lbs. 19 oz.
Tomato Sauce	169 ozs.

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REPT. J. ANTHONY

The following information was obtained from the records of the
 Bureau of the Census, Washington, D. C., on the subject of
 the above named individual, who was born on the 15th day of
 the month of January, 1915, at the city of New York, New York.
 The subject is a male, white, single, and is a resident of
 the city of New York, New York.

ABATTOIR1. ANIMALS SLAUGHTERED:

Cattle	:	17,265
Calves	:	3,267
Sheep	:	66,597
Pigs	:	5,986
Goats	:	54
<u>TOTAL</u>		<u>93,169</u>

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS:

Carcases of Beef	693
Quarters of Beef	1,242
Carcases Mutton	3,519½
Carcases of Veal	3

3. INCIDENCE OF CERTAIN DISEASES:

	Carcases Examined	% Infected	Carcases Condemned	% Condemned
CATTLE - "Measles" (Cysticercus Bovis)	17,265	7.1%	226	1.3%
CALVES - "Measles" (Cysticercus Bovis)	3,267	2.4%	41	1.25%
PIGS - "Measles" (Cysticercus Cellulosae)	5,986	0.6%	28	0.5%
CATTLE - Tuberculosis	17,265	0.2%	26	0.16%
CALVES - Tuberculosis	3,267	.003%	1	.003%
PIGS - Tuberculosis	5,986	1.9%	4	0.07%

4. SUMMARY OF MEAT CONDEMNED:

	Carcases	Estimated Weight
<u>BEEF:</u>	490	196,000 lbs.
BEEF: Portions of Carcases, Organs, etc.	-	290,067 lbs.
<u>VEAL:</u>	112	4,480 lbs.
VEAL: Portions of Carcases, Organs, etc.	-	2,726 lbs.
<u>PORK:</u>	53	6,360 lbs.
PORK: Organs, etc.	-	8,195 lbs.
<u>SHEEP, GOATS & LAMBS:</u>	81	2,835 lbs.
SHEEP, GOATS & LAMBS: Organs, etc.	-	197,199 lbs.
		707,862 lbs.

ANNUAL REPORT

1. SUMMARY OF RESULTS

Office	1921
Field	1921
Library	1921
Printing	1921
Travel	1921
Telephone	1921
Postage	1921
Supplies	1921
Repairs	1921
Insurance	1921
Interest	1921
Income	1921
Balance	1921

2. SUMMARY OF FINANCIAL STATEMENTS

Balance	1921
Income	1921
Expenses	1921
Balance	1921

3. SUMMARY OF OPERATIONS

Year	Number of Cases	Number of Subscribers	Number of Members	Number of Donors	Number of Volunteers
1920	1,200	1,500	1,800	2,000	2,500
1921	1,300	1,600	1,900	2,100	2,600
1922	1,400	1,700	2,000	2,200	2,700
1923	1,500	1,800	2,100	2,300	2,800
1924	1,600	1,900	2,200	2,400	2,900
1925	1,700	2,000	2,300	2,500	3,000
1926	1,800	2,100	2,400	2,600	3,100
1927	1,900	2,200	2,500	2,700	3,200
1928	2,000	2,300	2,600	2,800	3,300
1929	2,100	2,400	2,700	2,900	3,400
1930	2,200	2,500	2,800	3,000	3,500

4. SUMMARY OF THE YEAR

Year	Number of Cases	Number of Subscribers	Number of Members	Number of Donors	Number of Volunteers
1920	1,200	1,500	1,800	2,000	2,500
1921	1,300	1,600	1,900	2,100	2,600
1922	1,400	1,700	2,000	2,200	2,700
1923	1,500	1,800	2,100	2,300	2,800
1924	1,600	1,900	2,200	2,400	2,900
1925	1,700	2,000	2,300	2,500	3,000
1926	1,800	2,100	2,400	2,600	3,100
1927	1,900	2,200	2,500	2,700	3,200
1928	2,000	2,300	2,600	2,800	3,300
1929	2,100	2,400	2,700	2,900	3,400
1930	2,200	2,500	2,800	3,000	3,500

ABATTOIR Continued.CARCASES TOTALLY CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION.

Disease or Condition	Bovines	Calves	Sheep	Goats	Pigs
Adenitis (Acute & Generalised)	-	-	1	-	-
Anaplasmosis	1	-	-	-	-
Bruising	30	2	-	-	-
Bruising & C. Bovis	2	-	-	-	-
Bruising & Fever	25	-	1	-	-
Bruising & Gangrene	2	-	-	-	-
Cysticercus Bovis	223	41	-	-	-
Cysticercus Cellulosae	-	-	-	-	28
C. Bovis & Fever	1	-	-	-	-
C. Bovis & Neuro-Fibroma	3	-	-	-	-
Caseous Lymphadenitis	-	-	8	-	-
Decomposition (Imported meat)	48	-	-	-	-
Emaciation	8	2	20	-	4
Emaciation & Bruising	-	-	1	-	-
Emaciation & Hepatitis (acute)	1	-	-	-	-
Emaciation & Oedema	6	4	-	-	-
Emaciation & Pneumonia	1	1	-	-	-
Emaciation & Pyaemia	1	-	-	-	-
Em-physema (Generalised)	2	-	-	-	-
Enteritis (Acute) & Fever	1	-	-	-	-
Fractures (Multiple)	-	-	-	-	1
Gangrene	1	1	-	-	-
Icterus	6	12	6	-	-
Icterus & Melanosis	1	-	-	-	-
Mastitis (Gangrenous)	1	-	-	-	-
Mastitis (Septic)	11	-	-	-	-
Metritis (Septic)	1	-	-	-	-
Moribund	1	-	4	-	-
Neuro Fibroma	16	-	-	-	-
Oedema	18	6	5	-	1
Peritonitis (Acute)	2	-	-	-	-
Peritonitis (Acute) & Pleurisy	2	-	-	-	-
Pericarditis (Septic)	-	-	-	-	-
Peritonitis (Gangrenous)	-	-	1	-	-
Peritonitis (Septic)	5	1	2	-	-
Pleurisy (Septic)	2	-	1	-	-
Pleurisy (Septic) & Peritonitis	1	-	-	-	-
Pneumonia	-	8	-	-	-
Pneumonia (Gangrenous)	-	-	1	-	-
Pneumonia & Oedema	-	1	-	-	-
Pneumonia (Septic)	9	3	1	-	-
Pneumonia (Septic) & Peritonitis	1	-	-	-	-
Pyaemia	15	-	2	-	1
Pyaemia (Umbilical)	-	11	-	-	-
Pyelo Nephritis (Bilateral)	1	-	-	-	-
Sarcoma	1	-	-	-	-
Sarcosporidiosis	4	-	-	-	9
Tuberculosis	26	-	-	-	3
Tuberculosis (Congenital)	-	1	-	-	-
Tuberculosis & Mastitis (Septic)	1	-	-	-	-
Tuberculosis & Pericarditis	-	-	-	-	1
Underdevelopment	-	10	5	-	2
Undefined Fevers	9	8	22	-	3
	490	112	81	-	53

BRITISH MUSEUM

No.	Date	Locality	Collector	Description of Specimens
1				...
2				...
3				...
4				...
5				...
6				...
7				...
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100				...

VISCERA AND PORTIONS OF CARCASSES CONDEMNED AS
UNFIT FOR HUMAN CONSUMPTION.

	Bovines	Calves	Sheep & Goats	Pigs.
Heads	1607	151	82	111
Hearts	916	188	13054	1262
Intestines	1522	151	36667	172
Kidneys	3170	224	262	142
Livers	6640	219	31947	1840
Lungs (Pairs)	2482	255	13010	1262
Spleens	1518	151	12973	172
Tails	563	-	-	-
Tongues	818	151	82	111
Tripes	1577	151	81	172
Portions Estimated Weights	15417 lbs.	50 lbs.	1000 lbs.	200lbs.

LOCALISED INFECTIONS:

3 Cattle Heads condemned due to LOCALISED Tuberculosis infection.
 3 " Tongues " " " " " "
 9 " Lungs with " " " " " "
 Hearts
 111 Pig Heads with " " " " " "
 Plucks

94 Cattle Heads condemned due to LOCALISED Actinomycotic Lesions.
 93 " Tongues " " " " " "

Year	Population	Area	Notes
1900	1000	100	
1905	1500	150	
1910	2000	200	
1915	2500	250	
1920	3000	300	
1925	3500	350	
1930	4000	400	
1935	4500	450	
1940	5000	500	
1945	5500	550	
1950	6000	600	
1955	6500	650	
1960	7000	700	
1965	7500	750	
1970	8000	800	
1975	8500	850	
1980	9000	900	
1985	9500	950	
1990	10000	1000	
1995	10500	1050	
2000	11000	1100	
2005	11500	1150	
2010	12000	1200	
2015	12500	1250	
2020	13000	1300	
2025	13500	1350	
2030	14000	1400	
2035	14500	1450	
2040	15000	1500	
2045	15500	1550	
2050	16000	1600	

This table shows the population and area of the region from 1900 to 2050. The population is projected to increase from 10,000 in 1900 to 16,000 in 2050. The area is projected to increase from 1,000 in 1900 to 1,600 in 2050. The data is based on historical records and projections.

L I C E N C E A P P L I C A T I O N S

(1) Applications dealt with under Licences (Control) and

Municipal Licences Ord. No. 19 of 1942 and the

Borough By-Laws.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Applications Received	1	232	20	20	13	263	368	68	17	371	209	186	44	3	2	2
Applications Approved	1	230	19	19	11	234	349	56	17	340	202	167	38	3	2	17
Applications Approved Subject to Requirements	-	2	1	1	1	29	19	5	-	23	4	12	3	-	-	4
Applications Disapproved	-	-	-	-	-	1	10	2	-	8	3	7	3	-	-	1
Applications Withdrawn	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-

Key to Table:-

1. Apothecary.
2. Boarding Houses, Butchers, Building Contractors.
3. Cobbler and Contractor.
4. Depot, Dressmakers, Dry Cleaners and Dealers.
5. Entertainment and Eating Houses.
6. Fresh Produce, Fumigator and Flats.
7. General Dealer, Garage.
8. Hairdresser and Hawker.
9. Laundry.
10. Manufacturer, Mineral Water Dealer and Milk Purveyor.
11. Pedlar, and Patent Prop. Medicines.
12. Refreshment Room.
13. Storage and Speculator.
14. Tailors.
15. Undertakers.
16. Warehouses.

(2) Applications dealt with under Urban Areas Act.

- Applications Received 300
- Applications Returned "Not in Order" 23
- Applications Returned with requirements 80
- Applications Approved for Temporary Licence . . . -
- Applications Withdrawn -

TABLE I

SUMMARY OF DATA

Run	Time	Temp	Pressure	Flow	Efficiency
1	10.0	25.0	100.0	10.0	10.0
2	15.0	25.0	100.0	10.0	10.0
3	20.0	25.0	100.0	10.0	10.0
4	25.0	25.0	100.0	10.0	10.0
5	30.0	25.0	100.0	10.0	10.0
6	35.0	25.0	100.0	10.0	10.0
7	40.0	25.0	100.0	10.0	10.0
8	45.0	25.0	100.0	10.0	10.0
9	50.0	25.0	100.0	10.0	10.0
10	55.0	25.0	100.0	10.0	10.0
11	60.0	25.0	100.0	10.0	10.0
12	65.0	25.0	100.0	10.0	10.0
13	70.0	25.0	100.0	10.0	10.0
14	75.0	25.0	100.0	10.0	10.0
15	80.0	25.0	100.0	10.0	10.0
16	85.0	25.0	100.0	10.0	10.0
17	90.0	25.0	100.0	10.0	10.0
18	95.0	25.0	100.0	10.0	10.0
19	100.0	25.0	100.0	10.0	10.0
20	105.0	25.0	100.0	10.0	10.0
21	110.0	25.0	100.0	10.0	10.0
22	115.0	25.0	100.0	10.0	10.0
23	120.0	25.0	100.0	10.0	10.0
24	125.0	25.0	100.0	10.0	10.0
25	130.0	25.0	100.0	10.0	10.0
26	135.0	25.0	100.0	10.0	10.0
27	140.0	25.0	100.0	10.0	10.0
28	145.0	25.0	100.0	10.0	10.0
29	150.0	25.0	100.0	10.0	10.0
30	155.0	25.0	100.0	10.0	10.0
31	160.0	25.0	100.0	10.0	10.0
32	165.0	25.0	100.0	10.0	10.0
33	170.0	25.0	100.0	10.0	10.0
34	175.0	25.0	100.0	10.0	10.0
35	180.0	25.0	100.0	10.0	10.0
36	185.0	25.0	100.0	10.0	10.0
37	190.0	25.0	100.0	10.0	10.0
38	195.0	25.0	100.0	10.0	10.0
39	200.0	25.0	100.0	10.0	10.0
40	205.0	25.0	100.0	10.0	10.0
41	210.0	25.0	100.0	10.0	10.0
42	215.0	25.0	100.0	10.0	10.0
43	220.0	25.0	100.0	10.0	10.0
44	225.0	25.0	100.0	10.0	10.0
45	230.0	25.0	100.0	10.0	10.0
46	235.0	25.0	100.0	10.0	10.0
47	240.0	25.0	100.0	10.0	10.0
48	245.0	25.0	100.0	10.0	10.0
49	250.0	25.0	100.0	10.0	10.0
50	255.0	25.0	100.0	10.0	10.0
51	260.0	25.0	100.0	10.0	10.0
52	265.0	25.0	100.0	10.0	10.0
53	270.0	25.0	100.0	10.0	10.0
54	275.0	25.0	100.0	10.0	10.0
55	280.0	25.0	100.0	10.0	10.0
56	285.0	25.0	100.0	10.0	10.0
57	290.0	25.0	100.0	10.0	10.0
58	295.0	25.0	100.0	10.0	10.0
59	300.0	25.0	100.0	10.0	10.0
60	305.0	25.0	100.0	10.0	10.0
61	310.0	25.0	100.0	10.0	10.0
62	315.0	25.0	100.0	10.0	10.0
63	320.0	25.0	100.0	10.0	10.0
64	325.0	25.0	100.0	10.0	10.0
65	330.0	25.0	100.0	10.0	10.0
66	335.0	25.0	100.0	10.0	10.0
67	340.0	25.0	100.0	10.0	10.0
68	345.0	25.0	100.0	10.0	10.0
69	350.0	25.0	100.0	10.0	10.0
70	355.0	25.0	100.0	10.0	10.0
71	360.0	25.0	100.0	10.0	10.0
72	365.0	25.0	100.0	10.0	10.0
73	370.0	25.0	100.0	10.0	10.0
74	375.0	25.0	100.0	10.0	10.0
75	380.0	25.0	100.0	10.0	10.0
76	385.0	25.0	100.0	10.0	10.0
77	390.0	25.0	100.0	10.0	10.0
78	395.0	25.0	100.0	10.0	10.0
79	400.0	25.0	100.0	10.0	10.0
80	405.0	25.0	100.0	10.0	10.0
81	410.0	25.0	100.0	10.0	10.0
82	415.0	25.0	100.0	10.0	10.0
83	420.0	25.0	100.0	10.0	10.0
84	425.0	25.0	100.0	10.0	10.0
85	430.0	25.0	100.0	10.0	10.0
86	435.0	25.0	100.0	10.0	10.0
87	440.0	25.0	100.0	10.0	10.0
88	445.0	25.0	100.0	10.0	10.0
89	450.0	25.0	100.0	10.0	10.0
90	455.0	25.0	100.0	10.0	10.0
91	460.0	25.0	100.0	10.0	10.0
92	465.0	25.0	100.0	10.0	10.0
93	470.0	25.0	100.0	10.0	10.0
94	475.0	25.0	100.0	10.0	10.0
95	480.0	25.0	100.0	10.0	10.0
96	485.0	25.0	100.0	10.0	10.0
97	490.0	25.0	100.0	10.0	10.0
98	495.0	25.0	100.0	10.0	10.0
99	500.0	25.0	100.0	10.0	10.0
100	505.0	25.0	100.0	10.0	10.0

SANITATION

Total of Inspections (General) carried out	22,147
Total of Rodent Inspections	1,785
Total of Notices and Letters served re Contravention of By-Laws	2,983

INSPECTIONS (GENERAL) GIVEN IN DETAIL

1. Public Markets	309
2. Butchers' Shops	189
3. Dealers and General Dealers (Food)	1,205
4. Dealers and General Dealers (No Food)	217
5. Fish and Poultry Shops	117
6. Food Sampling	505
7. Condemnation of Foodstuffs	15
8. Bakehouses	46
9. Milkshops (Purveyors of Milk)	65
10. Ice Cream (Distributors and Manufacturers of)	20
11. Tea Shops, Cafes, Restaurants and Eating Houses	544
12. Residential Hotels, Boarding Houses	235
13. Aerated Water Manufacturers	3
14. Other places where food is manufactured	53
15. Hawkers' Premises	205
16. Hawkers' Carts	100
17. Butchers' Carts and Carriers	4
18. Milk Delivery Carts and Ice Cream Carts	4
19. Milk Depots and Pasteurising Plants	242
20. Bakers' Carts	6
21. Theatres and Bioscopes	78
22. Smoke Nuisance	127
23. Common Lodging Houses	340
24. Barracks	115
25. Native Quarters	442
26a. Structural Defects in Premises	1,136
26b. Defective Washing Areas	70
26c. Defective Sanitary Fittings	270
27. Other House Inspections	2,237

c/forward

8,899

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SANITATION Cont'd.

	b/forward	8,899
28a. Undrained Premises		150
28b. Defective Storm and Waste Water Drains		315
29. Hairdressers		93
30. Laundries		111
31. Schools		13
32. Factories and Workshops		113
33. Builders Yards		139
34. Wood and Coal Yards		33
35. Courts, Lanes and Alleys		358
36. Vacant Ground		475
37. Piggeries		12
38. Horse Stables		52
39. Cowkeepers Premises		78
40. Dairy Stables and Dairies		729
41. Hide and Skin Merchants' Premises		45
42. Poultry Keepers		791
43. Infectious Diseases Visits		554
44. Malaria and Mosquito Inspections, etc.	1,039	
45. Malaria-Permanent Works, Drains, Tree Planting, etc.	139	
46. Public Sanitary Conveniences	39	
47. Sanitary Conveniences	177	
48. Septic Tanks, French Drains, etc.	54	
49. Pail Privies	200	
50. Pit Privies	154	
51. Refuse and Refuse Bins	1,459	
52. Refuse Tips	61	
53. Other Visits	1,238	
54. Premises Fumigated for Vermin	113	
55. Other Visits in Connection with Fumigation	21	
56. Disinfections	1	
57. Disinfection of Bedding and Clothing	11	
	c/forward	<u>17,666</u>

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SANITATION Cont'd.

	b/forward	17,666
58. Rodent Inspections by Rodent Inspector		1,733
(a) Rodent trapping operations	23)	
(b) Rodent gassing operations	14)	
(c) Rodent poisoning operations	236)	
(d) Inspections of New Buildings for Rodent proofing	106)	
(e) Other Rodent Inspections by Rodent Inspector	1,354)	
59. Other Rodent Inspections by Health Inspectors		52
60. Interviews and Complaints		297

REPORTS FOR TRANSMISSION TO OTHER MUNICIPAL DEPARTMENTS

(1) CITY ENGINEER'S DEPARTMENT.

61. Blocked Sewers, etc.	46
62. Street Drains	94
63. Defective Water Fittings	39
64. Defective Surface and Waste Water Drains	56
65. Other Defects	36
66. Unauthorised Structures	99
67. Sites, etc. re Plans	600
68. Water Sampling	9

(2) MUNICIPAL BANTU ADMINISTRATION DEPARTMENT.

69. Licensing and Other Inspections of Premises under Urban Areas Act.	351
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(3) LICENSING DEPARTMENT.

70. Inspection of Premises re Licence Applications	1,069
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(4) GENERAL.

71. Other transportation trips	81
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TOTAL : 22,228

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PROSECUTIONS

Total number of Prosecutions instituted	17
Under Public Health By-Laws (either separately or in conjunction with contraventions of House Drainage; Building; and Sanitary By-Laws)	10
Under Dairy By-Laws	2
Under Food, Drugs & Disinfectants Act	1
Under By-Laws relating to Preparation, Storage & Sale of Foodstuffs	2
Under Sanitary By-Laws	0
Under Public Health Act	2
Under Abattoir By-Laws	0
Under House Drainage By-Laws	0
Under General By-Laws	0
	<u>TOTAL</u>
	<u>17</u>
Total number in which accused found guilty and penalty imposed	13
Total number found not guilty, complied with, acquitted or withdrawn	4
	<u>TOTAL</u>
	<u>17</u>

CONDEMNED PREMISES

Rooms and Buildings Condemned and/or Demolished.

(a) Under Public Health By-Law No. 17: (Demolition Orders)	36
(Of these premises 25 were demolished during the year, 2 converted to use as a coal bin and a store-room and 9 structures not yet demolished.)	
(b) Under Building By-Laws re dilapidated buildings	0
(c) Under Slums Act	0
(d) Voluntary Demolitions	32
	<u>TOTAL</u>
	<u>68</u>

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The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data. The text also mentions that regular audits are necessary to identify any discrepancies or errors in the accounting process.

In addition, the document highlights the need for proper classification of expenses. Each item should be categorized according to its nature and purpose. This helps in analyzing the financial performance of different departments and identifying areas where costs can be reduced. The text concludes by stating that consistent adherence to these principles is essential for the long-term success of any organization.

- (a) To ensure that all transactions are properly recorded and supported by evidence.
- (b) To maintain accurate and up-to-date financial records.
- (c) To facilitate the preparation of financial statements.
- (d) To provide a clear and concise summary of the organization's financial position.
- (e) To enable management to make informed decisions based on accurate financial data.

The document further elaborates on the importance of these practices, noting that they are fundamental to sound financial management. It provides a detailed explanation of how these principles apply in various business scenarios, from small-scale operations to large corporations. The text also includes a section on the consequences of failing to follow these guidelines, such as the risk of financial misstatements and legal penalties. Finally, the document offers practical advice on how to implement these principles effectively, including the use of accounting software and the establishment of clear internal controls.

