

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

Contributors

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CITY AND BOROUGH OF PIETERMARITZBURG

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF
HEALTH

For the Twelve Months
1st July, 1945, to 30th June, 1946.



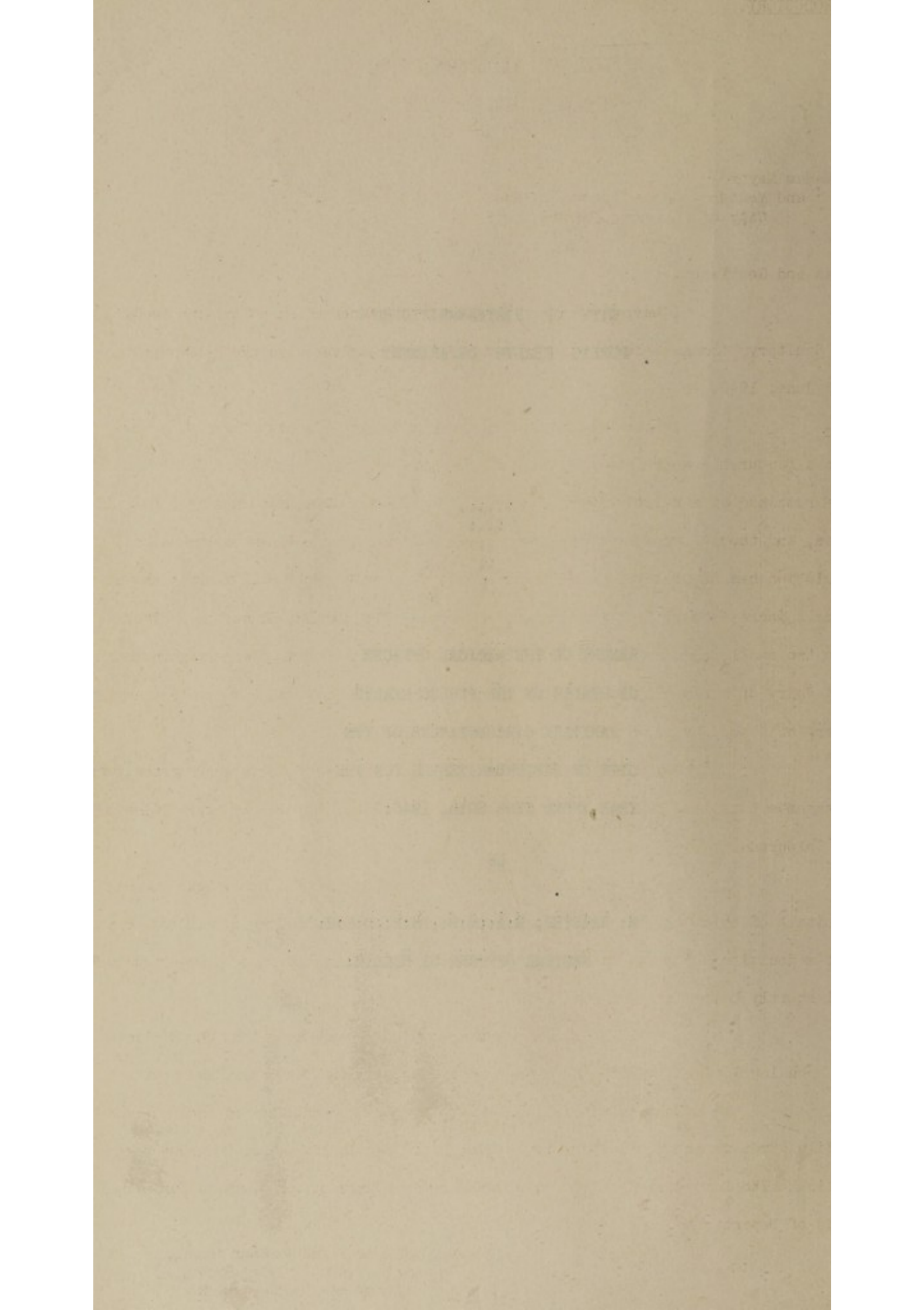
CITY OF PIETERMARITZBURG
PUBLIC HEALTH DEPARTMENT

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REPORT OF THE MEDICAL OFFICER
OF HEALTH ON THE PUBLIC HEALTH
& SANITARY CIRCUMSTANCES OF THE
CITY OF PIETERMARITZBURG FOR THE
YEAR ENDED JUNE 30th, 1946.

BY

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



INTRODUCTORY.

CITY OF PIETERMARITZBURG.

PUBLIC HEALTH DEPARTMENT.

To

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

Madam and Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary Circumstances of the City of Pietermaritzburg, for the year ending 30th June, 1946.

In contrast to last year I am happy to report that this has been a favourable year from the point of view of health. European Birth Rates have remained at a relatively high level. The Death Rates have improved for all races, and though the fact that a new census has revealed a large increase in population has naturally reduced these rates, the actual number of deaths showed a small increase only in Europeans and a decrease for all Non-Europeans. There were two small epidemic outbreaks of Typhoid Fever, one due to the contamination at a dairy of a raw milk supply, the cause of the other not being traced. Scarlet Fever incidence was less than half of last year's figures.

Municipal Housing construction has gone forward during the year on schemes totalling 36 houses for Europeans, 100 houses for Natives and 28 houses for Coloureds.

The co-ordination and centralisation of the Infectious Diseases Hospitals of this City has been discussed with the Administrator, and it is hoped that a decision as to the future construction and administration of these hospitals will shortly be made.

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

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

I have the honour to be,
Madam and Gentlemen,
Your obedient servant,
M. MAISTER.
MEDICAL OFFICER OF HEALTH.

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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 : 2160 feet.

TEMPERATURE AND RAINFALL :

	<u>RAINFALL</u> <u>IN</u> <u>INCHES</u>	<u>ATMOSPHERIC TEMPERATURE</u>			<u>RELATIVE HUMIDITY</u>
		<u>Av. Daily</u> <u>Maximum</u> °	<u>Av. Daily</u> <u>Minimum</u> °	<u>Av. Daily</u> <u>Mean</u> °	<u>Aver. Daily</u> <u>Percentage.</u>
1945					
July	0.08	74.7	37.3	56.0	78.3%
August	0.47	76.5	42.5	59.5	74.1%
September	0.18	80.1	52.7	66.4	65.8%
October	1.83	77.7	55.7	66.7	70.7%
November	1.05	85.2	58.9	72.0	62.2%
December	2.50	85.9	59.8	72.8	66.6%
1946					
January	6.06	81.9	62.7	72.3	75.6%
February	5.65	82.6	63.9	73.2	82.9%
March	4.16	81.2	61.5	71.3	81.8%
April	1.87	81.1	57.5	69.3	82.4%
May	1.09	78.1	49.1	63.6	83.0%
June	0.09	72.3	34.4	53.3	80.1%
Total :	25.03				

AREA OF MUNICIPALITY : 31,154 acres.

Value of Rateable Property : £11,529,075. 0. Od.

Exempted Property : £4,434,655. 0. Od.

RATES : General - 3½d.

Water - ½d.

STATE OF NEW YORK

IN SENATE,
January 10, 1900.

REPORT OF THE

NAME OF THE OFFICER.	AMOUNT OF THE DONATION.			TOTAL.	PERCENTAGE.
	NAME OF THE DONOR.	AMOUNT OF THE DONATION.	NAME OF THE DONOR.		
1899	1898	1897	1896	1895	1894
1893	1892	1891	1890	1889	1888
1887	1886	1885	1884	1883	1882
1881	1880	1879	1878	1877	1876
1875	1874	1873	1872	1871	1870
1869	1868	1867	1866	1865	1864
1863	1862	1861	1860	1859	1858
1857	1856	1855	1854	1853	1852
1851	1850	1849	1848	1847	1846
1845	1844	1843	1842	1841	1840
1839	1838	1837	1836	1835	1834
1833	1832	1831	1830	1829	1828
1827	1826	1825	1824	1823	1822
1821	1820	1819	1818	1817	1816
1815	1814	1813	1812	1811	1810
1809	1808	1807	1806	1805	1804
1803	1802	1801	1800	1799	1798
1797	1796	1795	1794	1793	1792
1791	1790	1789	1788	1787	1786
1785	1784	1783	1782	1781	1780
1779	1778	1777	1776	1775	1774
1773	1772	1771	1770	1769	1768
1767	1766	1765	1764	1763	1762
1761	1760	1759	1758	1757	1756
1755	1754	1753	1752	1751	1750
1749	1748	1747	1746	1745	1744
1743	1742	1741	1740	1739	1738
1737	1736	1735	1734	1733	1732
1731	1730	1729	1728	1727	1726
1725	1724	1723	1722	1721	1720
1719	1718	1717	1716	1715	1714
1713	1712	1711	1710	1709	1708
1707	1706	1705	1704	1703	1702
1701	1700	1699	1698	1697	1696
1695	1694	1693	1692	1691	1690
1689	1688	1687	1686	1685	1684
1683	1682	1681	1680	1679	1678
1681	1680	1679	1678	1677	1676
1675	1674	1673	1672	1671	1670
1669	1668	1667	1666	1665	1664
1663	1662	1661	1660	1659	1658
1657	1656	1655	1654	1653	1652
1651	1650	1649	1648	1647	1646
1645	1644	1643	1642	1641	1640
1639	1638	1637	1636	1635	1634
1633	1632	1631	1630	1629	1628
1627	1626	1625	1624	1623	1622
1621	1620	1619	1618	1617	1616
1615	1614	1613	1612	1611	1610
1609	1608	1607	1606	1605	1604
1603	1602	1601	1600	1599	1598
1597	1596	1595	1594	1593	1592
1591	1590	1589	1588	1587	1586
1585	1584	1583	1582	1581	1580
1579	1578	1577	1576	1575	1574
1573	1572	1571	1570	1569	1568
1567	1566	1565	1564	1563	1562
1561	1560	1559	1558	1557	1556
1555	1554	1553	1552	1551	1550
1549	1548	1547	1546	1545	1544
1543	1542	1541	1540	1539	1538
1537	1536	1535	1534	1533	1532
1531	1530	1529	1528	1527	1526
1525	1524	1523	1522	1521	1520
1519	1518	1517	1516	1515	1514
1513	1512	1511	1510	1509	1508
1507	1506	1505	1504	1503	1502
1501	1500	1499	1498	1497	1496
1495	1494	1493	1492	1491	1490
1489	1488	1487	1486	1485	1484
1483	1482	1481	1480	1479	1478
1481	1480	1479	1478	1477	1476
1475	1474	1473	1472	1471	1470
1469	1468	1467	1466	1465	1464
1463	1462	1461	1460	1459	1458
1457	1456	1455	1454	1453	1452
1451	1450	1449	1448	1447	1446
1445	1444	1443	1442	1441	1440
1439	1438	1437	1436	1435	1434
1433	1432	1431	1430	1429	1428
1427	1426	1425	1424	1423	1422
1421	1420	1419	1418	1417	1416
1415	1414	1413	1412	1411	1410
1409	1408	1407	1406	1405	1404
1403	1402	1401	1400	1399	1398
1397	1396	1395	1394	1393	1392
1391	1390	1389	1388	1387	1386
1385	1384	1383	1382	1381	1380
1379	1378	1377	1376	1375	1374
1373	1372	1371	1370	1369	1368
1367	1366	1365	1364	1363	1362
1361	1360	1359	1358	1357	1356
1355	1354	1353	1352	1351	1350
1349	1348	1347	1346	1345	1344
1343	1342	1341	1340	1339	1338
1337	1336	1335	1334	1333	1332
1331	1330	1329	1328	1327	1326
1325	1324	1323	1322	1321	1320
1319	1318	1317	1316	1315	1314
1313	1312	1311	1310	1309	1308
1307	1306	1305	1304	1303	1302
1301	1300	1299	1298	1297	1296
1295	1294	1293	1292	1291	1290
1289	1288	1287	1286	1285	1284
1283	1282	1281	1280	1279	1278
1281	1280	1279	1278	1277	1276
1275	1274	1273	1272	1271	1270
1269	1268	1267	1266	1265	1264
1263	1262	1261	1260	1259	1258
1257	1256	1255	1254	1253	1252
1251	1250	1249	1248	1247	1246
1245	1244	1243	1242	1241	1240
1239	1238	1237	1236	1235	1234
1233	1232	1231	1230	1229	1228
1227	1226	1225	1224	1223	1222
1221	1220	1219	1218	1217	1216
1215	1214	1213	1212	1211	1210
1209	1208	1207	1206	1205	1204
1203	1202	1201	1200	1199	1198
1197	1196	1195	1194	1193	1192
1191	1190	1189	1188	1187	1186
1185	1184	1183	1182	1181	1180
1179	1178	1177	1176	1175	1174
1173	1172	1171	1170	1169	1168
1167	1166	1165	1164	1163	1162
1161	1160	1159	1158	1157	1156
1155	1154	1153	1152	1151	1150
1149	1148	1147	1146	1145	1144
1143	1142	1141	1140	1139	1138
1137	1136	1135	1134	1133	1132
1131	1130	1129	1128	1127	1126
1125	1124	1123	1122	1121	1120
1119	1118	1117	1116	1115	1114
1113	1112	1111	1110	1109	1108
1107	1106	1105	1104	1103	1102
1101	1100	1099	1098	1097	1096
1095	1094	1093	1092	1091	1090
1089	1088	1087	1086	1085	1084
1083	1082	1081	1080	1079	1078
1081	1080	1079	1078	1077	1076
1075	1074	1073	1072	1071	1070
1069	1068	1067	1066	1065	1064
1063	1062	1061	1060	1059	1058
1057	1056	1055	1054	1053	1052
1051	1050	1049	1048	1047	1046
1045	1044	1043	1042	1041	1040
1039	1038	1037	1036	1035	1034
1033	1032	1031	1030	1029	1028
1027	1026	1025	1024	1023	1022
1021	1020	1019	1018	1017	1016
1015	1014	1013	1012	1011	1010
1009	1008	1007	1006	1005	1004
1003	1002	1001	1000	999	998
997	996	995	994	993	992
991	990	989	988	987	986
985	984	983	982	981	980
979	978	977	976	975	974
973	972	971	970	969	968
967	966	965	964	963	962
961	960	959	958	957	956
955	954	953	952	951	950
949	948	947	946	945	944
943	942	941	940	939	938
937	936	935	934	933	932
931	930	929	928	927	926
925	924	923	922	921	920
919	918	917	916	915	914
913	912	911	910	909	908
907	906	905	904	903	902
901	900	899	898	897	896
895	894	893	892	891	890
889	888	887	886	885	884
883	882	881	880	879	878
881	880	879	878	877	876
875	874	873	872	871	870
869	868	867	866	865	864
863	862	861	860	859	858
857	856	855	854	853	852
851	850	849	848	847	846
845	844	843	842	841	840
839	838	837	836	835	834
833	832	831	830	829	828
827	826	825	824	823	822
821	820	819	818	817	816
815	814	813	812	811	810
809	808	807	806	805	804
803	802	801	800	799	798
797	796	795	794	793	792
791	790	789	788	787	786
785	784	783	782	781	780
779	778	777	776	775	774
773	772	771	770	769	768
767	766	765	764	763	762
761	760	759	758	757	756
755	754	753	752	751	750
749	748	747	746	745	744
743	742	741	740	739	738
737	736	735	734	733	732
731	730	729	728	727	726
725	724	723	722	721	720
719	718	717	716	715	714
713	712	711	710	709	708
707	706	705	704	703	702
701	700	699	698	697	696
695	694	693	692	691	690
689	688	687	686	685	684

CITY OF PIETERMARITZBURG.LEADING VITAL STATISTICS.YEAR ENDING 30th JUNE, 1946.

	European	Native	Coloured	Asiatic
* POPULATION (Estimated)	24,970	14,204	2,443	10,312
<u>BIRTHS REGISTERED.</u>	587	189	103	558
BIRTH RATE (per 1000 Population)	23.5	13.3	42.2	54.1
<u>ILLEGITIMATE BIRTHS.</u>	8	107	26	7
(Percentage of total births)	1.4%	56.6%	25.2%	1.3%
<u>DEATHS.</u>	251	154	28	132
CRUDE DEATH RATE (Corrected for outward transfers)	10.05	10.8	11.5	12.80
<u>INFANTILE MORTALITY.</u>				
DEATHS.	13	23	6	24
RATE (per 1000 Births)	22.14	121.7	58.3	43.0
<u>PULMONARY TUBERCULOSIS.</u>				
Code No. 015. DEATHS.	10	24	6	12
RATE per 1000 Population.	0.40	1.7	2.5	1.16
<u>TUBERCULOSIS - OTHER FORMS.</u>				
Code Nos. 016 - 025. DEATHS.	1	4	1	3
RATE (per 1000 Population)	0.04	0.3	0.4	0.29
<u>ENTERIC FEVER.</u>				
Code No. 001. DEATHS.	2	6	0	4
RATE (per 1000 Population)	0.06	0.4	0.0	0.39
<u>CANCER AND OTHER TUMOURS.</u>				
Code Nos. 100 - 136. DEATHS	42	2	0	7
RATE (per 1000 Population)	1.68	0.1	0.0	0.68
<u>DISEASES OF THE HEART AND CIRCULATORY SYSTEM.</u>				
Code Nos. 350 - 368. DEATHS.	78	22	3	20
RATE (per 1000 Population)	3.12	1.5	1.2	1.94
<u>BRONCHITIS AND PNEUMONIA.</u>				
Code Nos. 402 - 406. DEATHS.	5	25	2	10
RATE (per 1000 Population)	0.20	1.8	0.8	0.97

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

BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.

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

(1) VITAL STATISTICS.POPULATION:

This is an estimate of the population as at June 30th, 1946, calculated for Vital Statistical purposes. Temporary Visitors, the inmates of the Mental Hospital and Fort Napier Mental Institution, the prisoners in the Gaols and the patients in the Hospitals and the Sanatorium are excluded. This estimate is based on the Municipal Census of March 10th, 1946.

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Male	12,000	9,703	1,168	5,517	16,388	28,388
Female	12,970	4,501	1,275	4,795	10,571	23,541
PERSONS	24,970	14,204	2,443	10,312	26,959	51,929

BIRTHS.TOTAL BIRTHS REGISTERED.(1) RESIDENTS.

	<u>Male</u>		<u>Female</u>		<u>Persons</u>		<u>Total</u>	<u>Percentage of illeg. to all births</u>	<u>Birth Rate per 1000 population</u>
	<u>Leg.</u>	<u>Illeg.</u>	<u>Leg.</u>	<u>Illeg.</u>	<u>Leg.</u>	<u>Illeg.</u>			
European	320	4	259	4	579	8	587	1.36%	23.51
Native	47	63	35	44	82	107	189	56.6%	13.31
Coloured	47	13	20	13	77	26	103	25.2%	42.16
Asiatic	261	4	290	3	551	7	558	1.3%	54.11
All Non-Eur.	355	80	355	60	710	140	850	16.5%	31.53
All Races	675	84	614	64	1289	148	1437	10.3%	27.67

(2) NON-RESIDENTS.

	<u>Male</u>		<u>Female</u>		<u>Persons</u>		<u>Total</u>	<u>Percentage of illeg. to all Births</u>
	<u>Leg.</u>	<u>Illeg.</u>	<u>Leg.</u>	<u>Illeg.</u>	<u>Leg.</u>	<u>Illeg.</u>		
European	118	2	122	1	240	3	243	1.23%
Native	462	310	423	329	885	639	1524	41.93%
Coloured	32	7	26	5	58	12	70	17.1%
Asiatic	26	1	20	2	46	3	49	6.1%
All Non-Eur.	520	318	469	336	989	654	1643	39.8%
All Races	638	320	591	337	1229	657	1886	34.8%

The European Birth Rate dropped a little, from 25.3 to 23.5.

The Native Birth Rate decreased from 33.7 to 13.3. The Coloured Birth Rate dropped from 77.8 to 42.16 and the Indian Birth Rate dropped from 61.3 to 54.1.

The increases in population recorded at the Municipal Census of 1946 partly explains the fall in rates, but actually all birth totals were lower.

/ DEATHS

This is an estimate of the population of the United States for the year 1917. The estimate is based on the 1910 census and the 1917 census. The population of the United States in 1910 was 92,228,496. The population of the United States in 1917 was 103,990,000. The increase in population from 1910 to 1917 was 11,761,504.

Year	Population	Male	Female	Total
1910	92,228,496	46,114,248	46,114,248	92,228,496
1917	103,990,000	51,995,000	51,995,000	103,990,000

THE UNITED STATES

Year	Population	Male	Female	Total
1910	92,228,496	46,114,248	46,114,248	92,228,496
1917	103,990,000	51,995,000	51,995,000	103,990,000

THE UNITED STATES

Year	Population	Male	Female	Total
1910	92,228,496	46,114,248	46,114,248	92,228,496
1917	103,990,000	51,995,000	51,995,000	103,990,000

This is an estimate of the population of the United States for the year 1917. The estimate is based on the 1910 census and the 1917 census. The population of the United States in 1910 was 92,228,496. The population of the United States in 1917 was 103,990,000. The increase in population from 1910 to 1917 was 11,761,504.

D E A T H S

TOTAL DEATHS REGISTERED(1) RESIDENTS.

	M a l e		F e m a l e		P E R S O N S	
	Deaths	Rate per 1000 Male Population	Deaths	Rate per 1000 Female Population	Deaths	Death Rate
European	141	11.75	110	8.48	251	10.05
Native	99	10.20	55	12.22	154	10.84
Coloured	15	12.84	12	9.41	28	11.46
Asiatic	72	13.05	60	12.51	132	12.80
All Non-Eur.	186	11.35	127	12.01	314	11.65
All Races	327	11.52	237	10.07	565	10.88

(2) NON-RESIDENTS.

European	:	99
Native	:	788
Coloured	:	12
Asiatic	:	36
All Non-Eur.	:	836
All Races	:	935

DEATHS. (Pages 5 - 7)

The European crude death rate dropped from 11.10 to 10.05. 56% of the deaths occurred in people over 65 years of age.

The Native death rate ^{dropped} ~~rose~~ from 23.77 to 10.8. The Coloured death rate dropped from 29.52 to 11.5, while the Indian death rate dropped from 14.56 to 12.8. The death rate for all races was 10.88 as compared with 15.11 for last year. While the actual numbers of deaths for all races was lower than last year, the big drop shown in the death rates is explained by the big increase in population shown by this year's census.

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

European	:	16%
Native	:	64%
Coloured	:	68%
Asiatic	:	62%
All Non-European	:	64%

These figures once again show how much better the expectation of life is for Europeans than for the other classes of the community. The table on page 7 also indicates that two diseases generally associated with later life, viz. Cancer and Cardiac disease, far outweigh all other causes of death among Europeans. Among Non-Europeans, bowel infections, tuberculosis, respiratory diseases and cardiac diseases, are the commonest causes of death.

/DEATH RATES (PER 1000 POPULATION) : VARIOUS CAUSES

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

RESIDENTS ONLY.

	European	Native	Coloured	Asiatic	All Non-Europeans	All Races
1. Typhoid	2 0.08	6 0.42		4 0.39	10 0.37	12 0.23
2. Plague	- -	- -	- -	- -	- -	- -
3. Meningococcal C.S. Meningitis	1 0.04	- -	- -	- -	- -	1 0.02
4. Scarlet Fever	- -	- -	- -	- -	- -	- -
5. Whooping Cough	- -	- -	- -	- -	- -	- -
6. Diphtheria	- -	1 0.07	2 0.82	1 0.10	4 0.15	4 0.08
7. Pulmonary Tuberculosis	10 0.40	24 1.69	6 2.46	12 1.16	42 1.56	52 1.00
8. T.B. Non-Pulmonary	1 0.04	4 0.28	1 0.41	3 0.29	8 0.30	9 0.17
9. Leprosy	- -	- -	- -	- -	- -	- -
0. Malaria	- -	- -	- -	- -	- -	- -
1. Syphilis	1 0.04	7 0.49	- -	3 0.29	10 0.37	11 0.21
2. Influenza	3 0.12	1 0.07	- -	4 0.39	5 0.19	8 0.17
3. Smallpox	- -	- -	- -	- -	- -	- -
4. Measles	- -	- -	- -	- -	- -	- -
5. Typhus Fever	- -	- -	- -	- -	- -	- -
6. Cancer	42 1.68	2 0.14	- -	7 0.68	9 0.34	51 0.98
7. Diabetes	2 0.08	- -	- -	- -	- -	2 0.04
8. Cerebral Haemorrhage etc.	13 0.52	3 0.21	1 0.41	8 0.78	12 0.45	25 0.48
9. Cardiac Disease	70 2.80	16 1.13	3 1.23	16 1.55	35 1.30	105 2.02
10. Oth. Dis. of Circulatory System	8 0.32	6 0.42	- -	4 0.39	10 0.37	18 0.35
11. Bronchitis & Pneumonia	5 0.20	25 1.76	2 0.82	10 0.97	37 1.37	42 0.81
12. Miner's Phthisis without T.B.	- -	- -	- -	- -	- -	- -
13. Miner's Phthisis with T.B.	- -	- -	- -	- -	- -	- -
14. Oth. Respiratory Diseases	5 0.20	4 0.28	1 0.41	4 0.39	9 0.34	14 0.27
15. Ulcer of Stomach & duodenum	4 0.16	1 0.07	- -	- -	1 0.04	5 0.10
16. Diarrhoea & Enteritis (Under 2 years)	- -	14 0.99	3 1.23	11 1.07	28 3.26	28 0.54
17. Appendicitis	- -	1 0.07	- -	1 0.10	2 0.07	2 0.04
18. Dis. of Liver & Biliary passages	3 0.12	1 0.07	2 0.82	5 0.49	8 0.30	11 0.21
19. Nephritis	11 0.44	3 0.21	1 0.41	1 0.10	5 0.19	16 0.31
20. Puerperal Sepsis	- -	- -	- -	- -	- -	- -
21. Other Dis. of Pregnancy &c.	1 0.04	1 0.07	- -	2 0.19	3 0.11	4 0.08
22. Cong. Malformations & Dis. of Early Infancy	13 0.52	4 0.28	2 0.82	11 1.07	17 0.63	30 0.58
23. Suicide	- -	- -	- -	- -	- -	- -
24. Other Violent deaths	4 0.16	2 0.14	- -	3 0.29	5 0.19	9 0.17
25. Other defined causes	50 2.00	25 1.76	4 1.64	21 2.04	50 1.86	100 1.93
26. Causes ill-defined	2 0.08	3 0.21	- -	1 0.10	4 0.15	6 0.12
TOTAL :	251 10.05	154 10.84	28 11.46	132 12.8	314 11.65	565 10.88

SEASONAL OCCURRENCE OF DEATHSAMONG RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July 1945	11	10	21	9	3	12	1	3	4	8	2	10	18	8	26
August	11	9	20	7	5	12	2	0	2	7	7	14	16	12	28
September	12	10	22	6	6	12	1	0	1	1	5	6	9	11	19
October	9	16	25	7	4	11	0	1	1	8	5	13	15	10	25
November	13	6	19	12	5	17	1	1	2	7	5	12	20	11	31
December	10	11	21	8	7	15	0	1	1	6	5	11	14	13	27
January	13	7	20	9	5	14	3	0	3	6	8	14	18	13	31
February	7	9	16	12	4	16	0	2	2	4	3	7	16	9	25
March	13	7	20	8	4	12	4	2	6	4	6	10	16	12	23
April	15	7	22	3	4	7	0	0	0	9	3	12	12	7	19
May	10	8	18	8	5	13	4	1	5	4	6	10	16	12	28
June 1946	17	10	27	10	3	13	0	1	1	8	5	13	18	9	27
TOTAL :	141	110	251	99	55	154	16	12	28	72	60	132	187	127	314

DEATHS OF RESIDENTS GIVEN IN AGE GROUPS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 yr.	6	7	13	12	11	23	3	3	6	13	11	24	28	25	53
1 "	0	1	1	8	9	17	2	0	2	3	5	8	18	14	27
2 - 4 yrs.	2	0	2	1	3	4	2	0	2	3	1	4	6	4	10
5 - 14 "	0	2	2	4	5	9	0	1	1	4	4	8	8	10	18
15 - 24 "	0	0	0	4	3	7	0	0	0	6	9	15	10	12	22
25 - 34 "	7	4	11	11	5	16	2	2	4	3	8	11	16	15	31
35 - 44 "	8	4	12	19	3	22	4	1	5	7	5	12	30	9	39
45 - 54 "	13	8	21	21	2	23	1	0	1	6	5	11	28	7	35
55 - 64 "	27	19	46	10	6	16	0	2	2	9	4	13	19	12	31
65 - 74 "	43	26	69	7	4	11	1	2	3	8	7	15	16	13	29
75 & Over	35	39	74	2	4	6	1	1	2	10	1	11	13	6	19
TOTAL :	141	110	257	99	55	154	16	12	28	72	60	132	187	127	314

(1) Vital Statistics Cont'd.SUMMARY OF CAUSES OF DEATH

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

RESIDENTS ONLY.

	European	Native	Coloured	Asiatic
Acute Exanthemata	3 : 1.2%	6 : 3.9%	- : -	4 : 3.0%
Tuberculosis (All forms)	11 : 4.4%	28 : 18.2%	7 : 25.9%	15 : 11.4%
Syphilis	1 : 0.4%	7 : 4.5%	- : -	3 : 2.3%
Other Parasitic & Infectious Diseases	5 : 2.0%	6 : 3.9%	3 : 11.1%	5 : 3.8%
Cancer	42 : 16.7%	2 : 1.3%	- : -	7 : 5.3%
Cerebral Haemorrhage, Thrombosis and Embolism	13 : 5.2%	3 : 1.9%	1 : 3.7%	8 : 6.17%
Cardiac Diseases and Other Diseases of Circulatory System	78 : 31.1%	22 : 14.3%	3 : 11.1%	20 : 15.2%
Respiratory Diseases (Non-Tuberculous)	10 : 4.0%	29 : 18.8%	3 : 11.1%	14 : 10.6%
Enteritis and Diarrhoea (Under 2 years)	- : -	14 : 9.1%	3 : 11.1%	11 : 8.3%
Nephritis	11 : 4.4%	3 : 1.9%	1 : 3.7%	1 : 0.8%
Congenital Malformations and diseases of early infancy	13 : 5.2%	4 : 2.6%	2 : 7.4%	11 : 8.3%
Deaths from Violence	4 : 1.6%	2 : 1.3%	- : -	3 : 2.3%
Other Causes	: 23.8%	: 18.3%	: 14.9%	: 22.6%
TOTAL :	251 :	154 :	28 :	132 :

TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE.

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

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Enteric Fever	9	31*	1	20	52	61
Pulmonary Tuberculosis	12	60	10	24	94	106
Tuberculosis - Other Forms	1	5	3	3	11	12
Scarlet Fever	37	-	-	-	-	37
Diphtheria	36	9	5	10	24	60
Murine Typhus Fever	1	-	-	3	3	4
Louse Borne Typhus Fever	-	1	-	-	1	1
Amoebic Dysentery	29	48	2	8	58	87
Ophthalmia Neonatorum	-	2	1	-	3	3
Erysipelas	3	1	-	-	1	4
Trachoma	1	-	-	2	2	3
Puerperal Sepsis	1	3	2	-	5	6
Acute Encephalitis	1	2	-	-	2	3
Cerebrospinal Fever (Meningococcal Meningitis)	1	2	-	-	2	3
TOTAL :	132	164	24	70	258	390

* Includes one probably Imported case.

INCIDENCE per 1,000 POPULATION.

	European	Native	Coloured	Asiatic	All Non-European	All Races
Enteric Fever	9 : 0.36	31 : 2.18	1 : 0.41	20 : 1.94	52 : 1.93	61 : 1.18
Pulmonary Tuberculosis	12 : 0.48	60 : 4.2	10 : 4.10	24 : 2.32	94 : 3.5	106 : 2.04
T.B. Other Forms	1 : 0.04	5 : 0.35	3 : 1.23	3 : 0.29	11 : 0.41	12 : 0.23
Scarlet Fever	37 : 1.48	- : -	- : -	- : -	- : -	37 : 0.71
Diphtheria	36 : 1.44	9 : 0.63	5 : 2.05	10 : 0.97	24 : 0.90	60 : 1.16
Murine Typhus Fever	1 : 0.04	- : -	- : -	3 : 0.29	3 : 0.11	4 : 0.08
Louse Borne Typhus Fever	- : -	1 : 0.07	- : -	- : -	1 : 0.04	1 : 0.02
Amoebic Dysentery	29 : 1.16	48 : 3.4	2 : 0.82	8 : 0.78	58 : 2.2	87 : 1.7
Ophthalmia Neonatorum	- : -	2 : 0.14	1 : 0.41	- : -	3 : 0.11	3 : 0.06
Erysipelas	3 : 0.12	1 : 0.07	- : -	- : -	1 : 0.04	4 : 0.08
Trachoma	1 : 0.04	- : -	- : -	2 : 0.19	2 : 0.07	3 : 0.06
Puerperal Sepsis	1 : 0.04	3 : 0.21	2 : 0.82	- : -	5 : 0.19	6 : 0.12
Acute Encephalitis	1 : 0.04	2 : 0.14	- : -	- : -	2 : 0.07	3 : 0.06
C.S. Fever	1 : 0.04	2 : 0.14	- : -	- : -	2 : 0.07	3 : 0.06

(2) INFECTIOUS DISEASE.

There were 390 notifications of infectious disease, a decrease on the total of 440 recorded for the previous year. The large total of notifications of Amoebic Dysentery appears for the first time, so that the totals are not strictly comparable with last year's figures. No cases of Smallpox or of Anterior Poliomyelitis were reported. (See page 8).

ISOLATION HOSPITAL (EUROPEAN INFECTIOUS DISEASE) (Page 57)

Altogether 193 patients were admitted during the year, 166 Borough and 27 Out-of-Borough. Figures for previous years were :-

1936-37 : 185; 1937-38 : 215; 1938-39 : 216; 1939-40 : 307; 1940-41 : 405
1941-42 : 259; 1942-43 : 334; 1943-44 : 318; 1944-45 : 159

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

NON-EUROPEAN INFECTIOUS DISEASE HOSPITAL (Page 57)

Admissions totalled 238, 114 Borough, and 124 Out-of-Borough cases. Admissions since the opening of this hospital have been as follows :-

1942-43 : 252; 1943-44 : 344; 1944-45 : 332

INFECTIOUS DISEASES HOSPITALISATION

For some time the City Council has had under consideration a recommendation from this Department to centralise its Infectious Diseases Hospitalisation in one area.

The factors leading up to this recommendation were :-

- (1) The need for an entirely new Formidable Epidemic Diseases Hospital, there being no proper provision at present.
- (2) The need for a new Venereal Diseases Hospital (referred to in last year's Annual Report).
- (3) The difficulty of staffing and economically administering small scattered hospitals.
- (4) The Council's decision following the Smallpox Epidemic to move the Isolation Hospital (European) from its present site.
- (5) The need for modernising the present Isolation Hospital and the need for additional small ward units for the reception of European Venereal Disease and Tuberculosis cases for whom at present there is no provision. These cases, which are few in number, are usually transferred to Durban, but often beds cannot be obtained for some time and interim accommodation is required. Intensive and rapid methods of treatment of Venereal Disease with Penicillin require short term hospitalisation which should be conveniently and readily accessible.

For the above reasons a recommendation that all the Infectious Diseases Hospitalisation in Pietermaritzburg be centralised and the new accommodation necessary be provided in such a centralised scheme, was put forward to the City Council.

It was however obvious from the point of view of efficiency and economy in administration that such a scheme must provide not only for the needs of the City of Pietermaritzburg but for the needs of the surrounding rural areas, for the sick from these areas naturally gravitate to the large Provincial Hospital in Pietermaritzburg.

In addition such a hospital could provide the necessary training facilities in infectious diseases for nurses, a Provincial function. The Provincial Authorities have also announced their intention of building what will be ultimately a 1,500 bed Native Hospital, in Edendale, just outside of the boundaries of the City. In order, therefore, that the most suitable scheme for both local and outside needs could be

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(2) INFECTIOUS DISEASE Cont'd.

planned in co-operation with the Province, the City Council decided to consult both the Provincial and Central Governments in order to work out a scheme which will meet all needs. Shortly before the end of the period under review a deputation from the City Council waited upon the Administrator and the Executive Committee in order to discuss this matter. No final plans have as yet been determined.

Considerable increases in Native domestic staff have been necessary at the hospitals during the year because of the introduction of an Unskilled Labour Wage Determination in Pietermaritzburg, owing to the restriction of the hours of work allowed.

AMBULANCE

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

(1) Total number of cases removed : 4,375

(2) Infectious Cases Removed : 1,569

LABORATORY WORK.

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

Swabs for Diphtheria Bacilli	318
Swabs for Haemolytic Streptococci	119
Smears for Gonococcus, Vincents', B. Leprae, etc.,	1
Sputum (T.B., organisms etc.)	2
Spinal Fluids	10
Stools (B. Typhosus)	14
Stools (T.B.)	10
Stools (E. Histolytica, Dysentery)	124
Urines (Chemical, microscopic, etc.)	32
Urines (B. Typhosus)	10
Milks for Bacterial Count	71
TOTAL :	<u>711</u>

Work done in Departmental Laboratory :-

Mosquito Larvae examined : 4,430 (plus 100 examined on behalf of)
(Military Authorities)

NOTIFIABLE INFECTIOUS DISEASE

(a) ANTHRAX. No cases notified.

(b) SMALLPOX. No cases were notified and no cases of this disease were admitted to the Pietermaritzburg hospitals during the year. Smallpox, however, still continues to smoulder in Natal and in the Union and the need to prepare for cases still exists.

/ (1) VACCINATION

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2) Infectious Disease Cont'd.

b) SMALLPOX. Cont'd.

(i) VACCINATION.

Vaccination at the Municipal Pass Office is now being carried out on nearly every registrant at the Pass Office. (See Page 22)

In addition since the Smallpox Epidemic, vaccination of infants (all races) has been commenced at the Municipal Infant Welfare Clinics, and adults applying to the Public Health Department are also vaccinated. This service serves to supplement the very limited free service available to the public through the Public Vaccination carried out by the District Surgeon, viz. 1 session every alternate week for Europeans and Non-Europeans. The Registrar of Vaccination has supplied the following figures of total Vaccinations in Pietermaritzburg for the year :-

Successful Vaccinations (Under 2 Yrs.) 384

Inocceptible Vaccinations (Under 2 Yrs.) ... Nil

The number of Vaccinations at the Clinics carried out by this Department during this period was 357.

(ii) HOSPITAL ACCOMMODATION.

No proper provision has yet been made for the hospitalisation of Smallpox cases. There remains only the portion of the Venereal Diseases Hospital used for the reception of Non-European Smallpox cases during the epidemic of 1944, which is still being reserved against the possibility of cases being received.

The Isolation Hospital used for European Smallpox cases during the epidemic has reverted to its original use as a General Infectious Diseases Hospital. The provision of a special Smallpox Hospital has been accepted by the City Council as a portion of the whole Infectious Diseases Hospitalisation Scheme which it is now considering. (See Infectious Diseases Hospitalisation, page 9.)

c) DIPHTHERIA.

The total number of cases notified was 60 as compared with 67 for last year, and 1 Native case, 2 Coloured cases, and 1 Asiatic case, died from this disease. In one Asiatic family where 2 cases were notified, a third child who had had Diphtheria 5 years previously, was found to be a carrier.

Immunisation, particularly of pre-school children, was continued throughout the year, a total of 428 children having completed the immunising course at the Infant Clinics, (225 of these being European as compared with last year's total of 315). The main method employed urging the need for immunisation is persuasion by the Health Visitor in the course of her routine visits, stress being laid on the need for immunising the pre-school child. Until about three quarters of the child population of Pietermaritzburg is immunised (a goal we are still far from attaining) there is not likely to be any sensational decrease in the incidence of this disease.

4 cases of Diphtheria were notified in persons who had been previously immunised. In 2, no reliable information could be obtained as to the number of injections received or the dosage. The other 2 cases were young adult nurses from Grey's Hospital. None of these cases were severe or fatal.

The following table gives the Total Births, Notifications and Deaths, from Diphtheria, and number of children immunised by the Public Health Department over the last ten years :-

/ Diphtheria

(2) Infectious Disease. Cont'd.

(c) DIPHTHERIA. Cont'd.

DIPHTHERIA

EUROPEANS				NATIVES				COLOURED				ASIATICS			
Bir- ths	Immu- nised	Noti- fica- tions	Dea- ths	Bir- ths	Immu- nised	Noti- fica- tions	Dea- ths	Bir- ths	Immu- nised	Noti- fica- tions	Dea- ths	Bir- ths	Immu- nised	Noti- fica- tions	Dea- ths
372	-	16	-	198	-	3	1	101	-	-	-	557	-	2	-
352	-	25	1	187	-	2	1	75	-	-	-	238	-	2	-
405	-	32	2	232	-	5	-	82	-	2	1	198	-	2	-
403	18	41	3	199	-	2	-	86	-	2	1	149	-	5	-
428	140	18	-	209	-	1	-	73	155	2	-	398	-	8	1
515	191	25	1	217	-	4	-	114	23	-	-	425	56	2	1
454	412	31	1	239	-	5	-	94	2	2	-	500	36	1	-
550	447	53	1	274	33	16	2	104	16	3	-	526	-	4	1
526	315	33	3	262	125	26	-	116	2	2	-	581	6	6	-
587	225	36	-	189	91	9	1	103	66	5	2	558	46	10	1

(d) SCARLET FEVER.

37 Cases were notified as compared with 84 last year and 153 the year before. The disease continued to be mild.

In one school hostel 5 cases were notified. On investigation 2 missed cases in the desquamating stage were found, and a housekeeper was found to be a carrier of haemolytic streptococci. As no facilities for typing were available the investigation could not be carried further to determine whether this carrier was in fact the source of the outbreak. In 15 other schools, 8 of which were boarding schools, only one secondary case of Scarlet Fever occurred.

(e) CEREBRO-SPINAL MENINGITIS.

3 Cases were notified during the year.

(f) ANTERIOR POLIOMYELITIS.

No cases were notified.

(g) TYPHUS FEVER.

4 Cases of the Murine Variety of Typhus Fever were notified (1 European and 3 Asiatics). In all except 1 Asiatic case, associated rodent-infestation was found. 1 Native case of Louse-borne Typhus Fever was notified. This case was probably cross-infected in Grey's Hospital where cases of Typhus Fever were being admitted from outlying rural areas.

(h) ENTERIC FEVER.

61 Cases were notified, 9 Europeans and 52 Non-Europeans, an increase on last year's total of 45. Of these notifications in 1 Native case the infection was probably contracted outside the City and in another Native case who was not admitted to hospital, the patient could not be traced.

In 3 Native cases the clinical course of the disease was not like Typhoid Fever. 2 Of these cases had been immunised against Enteric Fever previously, but no history of immunisation could be obtained in the third case. In 1 European and 1 Native case the diagnosis was not confirmed by bacteriological examination.

In 1 European case, 1 Asiatic case and 7 Native cases, repeat blood examinations were negative, and the clinical course was unlike Typhoid Fever. This gives a total of 2 European, 1 Asiatic and 13 Native cases in whom the diagnosis was doubtful.

/The

(2) Infectious Disease. Cont'd.

(h) ENTERIC FEVER. Cont'd

The majority of the definite cases were notified as the result of two sharp epidemic outbursts of the disease. In the first of these there was an outbreak involving a European Girls' School Hostel in the City. The total number of cases was 10, nine children and one matron becoming ill. Only 3 of the cases were ill in Pietermaritzburg, the other 7 becoming ill at their homes in other parts of the country during the school holidays. Milk and water supplies could not be incriminated, and it was not possible to trace any article of food that might have been infected. Owing to the school recess it was not possible to investigate the Staff for some time. One Native waiter, recently engaged, could not be traced; all the other food handlers and domestic staff gave negative Vi Tests. The cause of this outbreak could not be traced at all.

The second outbreak was due to contamination of a raw milk supply, the dairyman being an Asiatic and the bulk of his customers being Asiatics. The outbreak commenced on the farm of the dairyman which lies just outside of the City boundary and on an adjoining farm. It was probably due to infection of the water supply which is used in common by both farms.

In all, 4 cases occurred on the dairyman's farm and 6 cases on the neighbouring farm (9 Asiatics and 1 Native). 12 Cases were involved in the City, 11 Asiatics and 1 Coloured, all of whom were receiving milk from the dairy at the time the cases were ill in the dairyman's household. All the families on the dairyman's milk round who boiled their milk regularly escaped infection. The dairyman was prohibited from supplying further milk into the City owing to the pollution of his water supply.

508 Persons were immunised, 271 European, 131 Native, 37 Coloured and 69 Asiatic. The method employed was two injections of Endotoxoid (S.A.I.M.R.). The large number of Europeans and Coloureds immunised was due to public reaction to the epidemic outbursts. The Natives and Asiatics were in nearly all cases contacts of the disease.

PUERPERAL SEPSIS.

6 Notifications were recorded as compared with last year's total of 8 (1 European and 5 Non-European) 1 following an abortion, 5 following full term confinements. All of these patients were delivered in Hospital. In the confinement cases complications were present in 3 cases, viz. Post Partum Haemorrhage and Manual Removal of Placenta; Perineal Tear - 1st degree; Post Partum Haemorrhage.

AMOEBIIC DYSENTERY.

87 Notifications were received (29 European, 48 Native, 2 Coloured and 8 Asiatic). Of the cases investigated 4 were probably infected outside of the City (2 Europeans and 2 Asiatics), while in 5 European cases the diagnosis is not known to have been confirmed by bacteriological examination.

The laboratory reports were analysed in the following groups of cases :-

- (1) Acute and recent cases of Dysentery, Diarrhoea or other abdominal complaint, e.g. pain.

Vegetative Forms of E. Histolytica found in 3 European, 15 Native,		
2 Coloured and 4 Asiatic		Total 24
Cystic Forms of E. Histolytica found in 16 Native and 2 Asiatic		" 18
Cystic and Vegetative Forms of E. Histolytica found in 1 Native		" 1
No information		4 European, 2 Native " 6
		<u>TOTAL 49</u>

/ (2) Chronic

(2) Infectious Disease. Cont'd.

(j) AMOEBIC DYSENTERY. Cont'd.

- (2) Chronic cases of Dysentery, Diarrhoea or Other Abdominal Complaint, e.g. pain.

Vegetative Forms of E. Histolytica found in 9 Natives	Total	9
Cystic Forms of E. Histolytica found in 5 European, 6 Native, 1 Asiatic	"	12
Cystic and Vegetative Forms of E. Histolytica found in 1 European	"	1
No information 1 European, 1 Native	"	2
	TOTAL	24

- (3) Amoebiasis : No abdominal complaints : Complained of bronchitis, loss of weight, asthma, pruritus, examined as contacts, etc.

Vegetative Forms of E. Histolytica found in - Nil.

Cystic Forms of E. Histolytica found in 7 European, 3 Native,
1 Asiatic TOTAL 11

The average duration of the chronic cases was Europeans : 3.3 yrs. (ranged from
(8 mths. to
(5 yrs.
Natives : 2.1 yrs. (ranged from
(7 mths. to
(6 yrs.
Asiatics : .5 yrs.
(1 case)

One important factor met with is the tendency for the patient after treatment to relapse into the carrier condition thus becoming, we believe, the focus of infection in the community and the disseminator of further infection.

A number of cases have been followed up from this point of view with the following results.

Cases followed up for 1 year and after treatment : Total 1; Stool Neg. 1; Stool Pos. 0									
"	"	"	"	9 months	"	"	:	"	1; " 0; " 1
"	"	"	"	6 "	"	"	:	"	2; " 1; " 1
"	"	"	"	4 "	"	"	:	"	5; " 5; " 0
"	"	"	"	3 "	"	"	:	"	5; " 3; " 2
"	"	"	"	2 "	"	"	:	"	5; " 4; " 1
"	"	"	"	1 "	"	"	:	"	5; " 4; " 1

Thus of a total of 24 cases followed up 6 (25%) had relapsed to the carrier state by the end of 9 months. Of these 1 had been retreated and was still negative one month later. 1 Had been retreated but was still positive one month later, while a third had been retreated twice but was still positive.

Investigation was also made in a number of cases in order to determine whether the family contacts, particularly the household cook, were possible sources of infection.

11 Families were investigated, a total of 32 contacts being examined, 8 of them proving to be carriers of E. Histolytica.

In 6 families the cook was found to be negative, but in one, another member of the household was positive.

In one European family, the Native Cook was positive, but the members of the household were negative.

In 2 Native families and 1 European family where children were the first notified cases, the mother, who was also the cook in each case, was found to be positive.

/Because

) Infectious Disease. Cont'd.

) AMOEBIC DYSENTERY. Cont'd.

Because of the limited laboratory facilities available only single stool specimens were examined in contacts and only direct examination was employed. In all probability more positive results could be obtained by examining additional specimens and by utilising special flotation techniques. For the proper investigation and follow-up in this disease very considerable laboratory facilities are absolutely essential, and until such are provided our methods of control will of necessity remain inefficient.

) TUBERCULOSIS. (Pages 41-42)

Notifications of Pulmonary Tuberculosis totalled 106, an increase on last year's total of 100, 12 of these being of Europeans. Notifications of Non-Pulmonary Tuberculosis totalled 12 (1 European) as compared with the previous year's total of 17.

35 Borough cases (13 Natives, 6 Coloureds and 16 Asiatics) were admitted to the Tuberculosis block (24 beds) of the Non-European Infectious Diseases Hospital, (6 of these being transferred from Grey's Hospital).

During the year 35 Borough cases were admitted to Grey's Hospital (7 European, 19 Native, 2 Coloured and 7 Asiatic). 14 Cases were admitted direct from the Clinic to Hospital. 2 European cases were sent to the King George V Hospital for Tuberculosis, in Durban.

The scheme of subsidising rentals in tubercular families at the Native Village, where a larger house was necessary to ensure the isolation of the infectious case in the home, was continued during the year, and 2 families were assisted in this way. Close control by the Native Health Assistant is maintained to ensure that isolation is observed. The subsidy was withdrawn in 1 case where co-operation could not be secured.

The Natal Anti-Tuberculosis Association made grants to 7 families in Pietermaritzburg (2 European, 2 Coloured and 3 Asiatic), to enable the breadwinner to accept hospital treatment.

The following tables illustrate the trend in notifications and deaths from this disease over the period 1934 - 1946 :-

PULMONARY TUBERCULOSIS

	NOTIFICATIONS						DEATHS					
	Eur:	Nat:	Col:	As:	All Non-Eur:	Total	Eur:	Nat:	Col:	As:	All Non-Eur:	Total
1934-35	7	35	12	31	78	85	4	25	7	8	40	44
1935-36	17	38	15	32	85	102	2	14	3	12	29	31
1936-37	8	40	8	20	68	76	4	18	7	17	42	46
1937-38	17	40	15	14	69	86	7	29	7	7	43	50
1938-39	15	40	15	10	65	80	5	19	6	8	33	38
1939-40	7	23	7	17	47	54	4	15	7	9	31	35
1940-41	7	13	11	7	31	38	3	19	1	6	29	32
1941-42	8	22	6	18	46	54	5	9	1	15	25	30
1942-43	8	29	2	27	58	66	5	13	2	16	31	36
1943-44	5	23	3	24	50	55	3	14	4	14	32	35
1944-45	13	52	5	30	87	100	3	14	4	11	29	32
1945-46	12	60	10	24	94	106	10	24	6	12	42	52

NON-PULMONARY TUBERCULOSIS

	NOTIFICATIONS						DEATHS					
	Eur:	Nat:	Col:	As:	All Non-Eur:	Total	Eur:	Nat:	Col:	As:	All Non-Eur:	Total
1934-35	1	4	0	3	7	8	2	6	0	1	7	9
1935-36	3	3	1	6	10	13	1	2	0	2	4	5
1936-37	2	8	0	5	13	15	1	4	0	3	7	8
1937-38	5	10	3	6	19	24	3	1	2	3	6	9
1938-39	1	3	0	3	6	7	0	2	0	2	4	4
1939-40	2	3	1	3	7	9	1	2	1	0	3	4
1940-41	3	2	0	3	5	8	2	1	0	0	1	3
1941-42	2	7	2	7	16	18	1	3	1	3	7	8
1942-43	1	3	4	2	9	10	1	1	1	3	5	6
1943-44	1	4	0	3	7	8	0	5	1	3	9	9
1944-45	2	6	1	8	15	17	0	3	2	5	10	10
1945-46	1	5	3	3	11	12	1	4	1	3	8	9

/ These

TUBERCULOSIS. Cont'd.

These figures showed a small increase on last year's total of notifications. Last year's increased figures were, however, shown to be chiefly due to the notification of early cases, but this year there appears to have been a definite increase in notifications not due to this factor. The number of deaths has also increased this year.

The Tuberculosis Clinic: (Page 47)

The routine clinical and x-ray examination of all contacts of every case of Tuberculosis notified was carried out at the Tuberculosis Clinic. During the year there were 1,272 attendances at the Clinic while 2,356 visits were made to tuberculous and contacts in their homes. 94 Contacts were examined and x-rayed at the Tuberculosis Clinic. These figures refer to Borough cases only.

The Tuberculosis Hospital:

The Tuberculosis Section of the Non-European Infectious Diseases Hospital has now been in use for 4 years, and an opportunity has been taken to review the results of our experience at that hospital. A paper giving a fully detailed Report was read by your Medical Officer of Health in the Public Health Section of the S.A. Medical Congress held in Durban in 1946.

The main conclusions emerging from our experience in this hospital are as follows :-

- 1) The Annual Case Load per bed in this hospital is decreasing, i.e. patients remain in hospital very much longer now than they did 4 years ago.

July 1st 1942 - June 30th 1943.	Annual Case Load per bed	3.6 patients
" " 1943 - " " 1944.	" " " " "	4.0 "
" " 1944 - " " 1945.	" " " " "	2.8 "
" " 1945 - " " 1946.	" " " " "	1.3 "

- 2) The standard of one hospital bed per annual death from Pulmonary Tuberculosis has provided adequate for the needs of this City, but in view of the increasing case load per bed it may be necessary to revise this standard in the near future.
- 3) Full x-ray and laboratory facilities are required at Tuberculosis Hospitals for the correct diagnosis of cases admitted. In 8.5% of the cases admitted the diagnosis of Pulmonary Tuberculosis on admission to hospital was found to be incorrect.
- 4) The results of treatment by surgical methods such as Artificial Pneumothorax and Pneumolysis have been very poor and practically no successful end results have been obtained.

Survival time (in months) of patients treated by Artificial Pneumothorax and Grassets Tubercle Endotoxoid, but who subsequently died :-

	Artificial Pneumothorax	Grassets Endotoxoid Therapy	General Average Survival of all Hospital Patients
Group 1. (Early Disease)	-	-	4 months
Group 2. (Moderate Disease)	18 months	15.7 months	15.8 months
Group 3. (Advanced Disease)	7½ months	4½ months	4.1 months

- 5) Hospital beds with skilled nursing and medical treatment are necessary for the serious complications of Tuberculosis, e.g. Haemoptysis, Laryngitis and Enteritis. These complications occurred in 22% of the Native cases, 24% of the Coloured cases, and 40% of the Asiatic cases.
- 6) Isolation facilities are very necessary, 82% of our cases being sputum positive on admission to hospital.

/7. Financial

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF PHYSICS
CHICAGO, ILLINOIS 60637

TO THE EDITOR:
I am writing to you to inform you of the results of my recent experiments. The data show a clear trend towards the expected results, and I am confident that the findings will be of interest to you.

The experiments were conducted under the following conditions: [illegible text]. The results are summarized in the table below:

Run No.	Time (sec)	Temperature (°C)	Pressure (atm)
1	10.2	25.1	1.02
2	11.5	26.3	1.03
3	12.8	27.5	1.04
4	14.1	28.7	1.05
5	15.4	29.9	1.06

As you can see, the temperature and pressure increase with time. This is consistent with the theoretical predictions. I am looking forward to discussing these results with you in more detail.

I am sure that the data will be of great value to your research. I am happy to provide any further information you may need.

Sincerely,
[illegible signature]

Enclosed are the experimental data and a copy of the report.

Very truly yours,
[illegible signature]

Enclosed are the experimental data and a copy of the report.

- 7) Financial assistance for the families of breadwinners in hospital is nearly always needed. 80% of the cases who left hospital against medical advice or abscond from hospital were male cases, an indication of the economic pressure operating upon sufferers from this disease.

One can draw the conclusion, therefore, that the 24 beds provided in Pietermaritzburg under present conditions are sufficient for Borough cases, but is certainly not adequate for both Borough and Out-of-Borough cases. One of the matters to be dealt with in the scheme for composite hospital accommodation for infectious diseases cases (see Infectious Diseases Hospitalisation Page 9) is the provision of additional beds for Tuberculosis cases, in order to provide for the cases that come into Pietermaritzburg from the surrounding district.

VENEREAL DISEASE. (Pages 48-56)

- (a)(b) & (c) Clinics for all races are held once weekly at Grey's Hospital and are conducted by the Medical Officer of Health and the Assistant Medical Officer of Health. One European Health Visitor, 2 Native Nurses, 1 Native Orderly and 3 Native Health Assistants, assist at the Female Clinics, while the Health Visitor, a European Male Nurse, a Native Orderly and 3 Native Health Assistants, assist at the Male Clinics. Two Native Health Assistants devote their full time to Venereal Diseases. The European Male Nurse, 1 Native Nurse and the Native Orderly are from the Staff of the Non-European Venereal Diseases Hospital, thus providing an effective link between the Clinic and the Venereal Diseases Hospital.

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

It has been found that the Health Visitor is quite readily able to deal with the Male and Female cases, and to achieve useful results in all of the races in regard to improved attendance of defaulters at the Clinics. Personal visiting has been found more effective than the use of the telephone or letter. In European males, particularly, it is being found that information about contacts given is so vague that in only one case out of twenty has it been possible to trace an infected contact. This appears to be deliberate in a number of cases, but in other cases, appears to be genuinely due to the casual nature of the contact. A better response has been obtained from Coloureds, but false information is commonly supplied by Asiatic males.

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

	EUROPEAN		NATIVE		COLOURED		ASIATIC	
	No. of Tests	% Positive	No. of Tests	% Positive	No. of Tests	% Positive	No. of Tests	% Positive
1945-46	180	0.6%	2860	11.8%	149	7.7%	636	2.4%

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

	EUROPEAN				NATIVE				COLOURED				ASIATIC			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1943-44	14.1	3.7	2.5	6.7	3.6	2.8	2.9	4.1	2.7	6.1	2.4	2.6	3.5	3.5	7.3	1.1
1944-45	7.6	11.2	3.5	7.0	9.3	7.7	4.7	6.7	7.5	11.2	16.2	8.9	7.7	9.3	9.0	8.0
1945-46	7.7	5.9	13.5	6.7	10.1	8.9	6.4	7.5	4.0	8.4	10.8	7.4	5.7	6.9	6.2	6.9

(4) VENEREAL DISEASE. Cont'd.

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

- (g) A further large increase in Clinic Attendances has been recorded, there being 21,660 attendances during the year as compared with last year's total of 18,813. 2,864 Home Visits were paid to cases of Venereal Disease, as compared with last year's total of 2,210. The regular attendance of many of the patients, extending in many cases through 5 and 6 courses of treatment, is largely due to this follow-up work.

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

Admissions to this hospital totalled 1,912, an increase on last year's total of 1,523, the daily average of inpatients totalling 65 as compared with 55 last year.

The re-admission for this period numbered 232 out of a total of 1,912 admissions (i.e. 12.1%), as compared with 155 out of a total of 1,523 (i.e. 10.5%) for the previous year. An analysis of the reasons given for failure to continue treatment in a large number of the Native cases is given :-

	Male	Female	Total
1. No reason given	40	37	77
2. Patients thought themselves cured after only a few follow-up injections	26	16	42
3. Patients attended only irregularly for follow-up	8	5	13
4. Patients went to witch doctor for after treatment	1	-	1
5. Patients diagnosed in hospital as Non-Venereal Disease, but re-admitted subsequently and diagnosis found to be Venereal Disease	4	6	10
6. Patients unable to pay a doctor for further treatment	2	3	5
7. Patients stated no facilities for further treatment available at their homes	1	1	2
8. Patients stated employers would not allow them to attend for further treatment	1	2	3
9. Patients told by a Doctor that they were cured after only a few subsequent injections	1	-	1
10. Patients re-admitted suffering from forms of V.D. other than that originally admitted for ...	24	13	37
11. Reinfections	5	-	5
12. Non-Venereal Disease	1	4	5
	TOTAL :		201

One can regard the re-admissions under the first four headings ($\frac{2}{3}$ of the total) as due to failure of the Educative Section of the Venereal Diseases Hospital treatment, a disappointing feature, as regular attempts to teach the patients the reasons and need for further treatment have been a part of the Venereal Diseases Hospital routine.

(5) PLAGUE.

No case of plague occurred in this locality during the year. Regular inspection of new shops and warehouses in the course of erection has been carried out and their rodent-proofing has been supervised. No rodent work has been carried out on commonage but the rodent-proofing of existing infested premises has been dealt with intensively.

(6) OTHER COMMUNICABLE DISEASES.

- (I) MALARIA. Control by spotting of larvae and oiling of selected areas has again been carried out during the year in the Borough. The Local Health Commission carried out control work in the Peri-Urban Areas. No Malarial Mosquito Vectors were discovered inside the Borough this year. No new infections of malaria occurred within the Borough.

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(6) OTHER COMMUNICABLE DISEASES. Cont'd.(I) MALARIA. Cont'd.

The supervision of Trees planted in swampy areas was continued. Further subsoil drainage work has been carried out in certain areas.

No check house spraying was carried out this season. Oiling was carried out to deal chiefly with calicine breeding which was causing a nuisance.

(II) ENTERITIS in children under the age of two years accounted for 28 deaths, 14 Native, 3 Coloured and 11 Indian, a remarkable decrease as compared with last year's total of 63.

(III) MEASLES. There was a moderate prevalence of Measles in Pietermaritzburg during the year. 30 cases were treated in the Isolation Hospital, 2 coming from Out-of-Borough. 51 cases were admitted to the Non-European Infectious Diseases Hospital, 37 being from Out-of-Borough. No deaths were reported from this disease. (See Table on page 57)

(IV) GERMAN MEASLES. This disease was also only moderately prevalent this year and was as usual mild and uncomplicated. 8 Cases were admitted to the Isolation Hospital.

(V) WHOOPING COUGH. This disease was only slightly prevalent during the year. No deaths were reported from this disease. Immunisation against this disease was carried out at the Infant Welfare Clinics, using a combined Whooping Cough and Diphtheria Vaccine. (See Page 21)

(7) WATER SUPPLY. (See Page 62)

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

The supply from the Purification Works and each of the service reservoirs has been bacteriologically examined each week by the bio-chemist in charge of the Purification Works. Plant for the provision of Chloramine for water purification is now on order. All employees at the Purification Works are Vi Tested. No water-borne outbreaks of disease have occurred during the year.

Regular bacteriological sampling of swimming bath waters has also been carried out throughout the year. The supply has proved inadequate on several occasions for the expanding needs of the City, and restrictions have been imposed on the use of water on several occasions.

(8) NIGHTSOIL AND REFUSE DISPOSAL.

The administration of this work is in the hands of the City Engineer. The greater part of the Town and Suburbs is served by water-borne sewage, although the conservancy system is still in use in certain outlying parts. Disposal is on the sewage farm about 3 miles from the centre of the Town, where broad irrigation is carried out and the screenings and nightsoil are trenched. The acquisition of adjoining land in order to extend the area available for sewage disposal has been decided upon by the City Council.

(9) MEAT SUPPLIES. (Pages 65-66)

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. 89 Inspections of butchers' shops were made. A list of meat, fish and fowl condemned after inspection is shown on pages 63-64.

The Abattoir Manager reports that during the year 48,446 animals were slaughtered, a small increase only on last year's low total of 41,964. The

/continuation

(9) MEAT SUPPLIES. Cont'd.

continuation by the Government of the control and rationing of supplies accounts for the low total.

Despite the promise of the Food Controller, now several years old, to provide additional accommodation for the Government Officials working at the Abattoir, nothing has been done as yet. All slaughtering at the Abattoir is carried out by this Department.

All condemned meat and offal is transported in drums to a privately owned By-Products Plant at Bisley, just outside of Pietermaritzburg. The City Council has decided to build its own By-Products Plant, and has now acquired property adjoining the Abattoir for the purpose of expansion. Preliminary plans for the expansion of the Abattoir and the provision of new Railway Siding facilities have now been drawn up. Adequate Cold Storage accommodation will also be provided, there being none at the Abattoir at present.

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

CYSTICERCUS BOVIS AND CELLULOSAE ("MEASLES").

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

	CATTLE			CALVES			PIGS		
	Slaugh-tered	% In-fected	% Con-demned	Slaugh-tered	% In-fected	% Con-demned	Slaugh-tered	% In-fected	% Con-demned
1941-42	10,843	5.88	0.91	832	-	4.92	2,514	-	1.47
1942-43	15,500	7.46	0.95	701	-	5.56	2,673	-	1.64
1943-44	10,319	9.96	1.38	818	-	5.86	2,698	-	0.88
1944-45	10,317	9.47	1.21	3,682	3.69	2.36	3,857	2.26	1.88
1945-46	11,091	7.73	0.91	5,076	4.98	1.30	3,947	2.96	2.58

(10) MILK SUPPLIES.

The milk supply has been carefully controlled throughout the year. It is derived from 52 producer-distributors, of whom 39 are in the Borough, and 13 Outside the Borough. In addition to these there are 104 producers, 10 Borough and 94 Out-of-Borough, who send their milk to a pasteurization plant from where it is distributed after pasteurization. All these dairymen are registered with this Department and their premises are inspected regularly. Approximately two-thirds of the milk sold in Pietermaritzburg is pasteurised.

(11) OTHER FOOD SUPPLIES. (Pages 60-64)

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

Details of all licence applications dealt with by the Department are reflected in the Table on page 67. Owing to alterations in the Municipal Licences Ordinance No. 19/1942 and in the Municipal Trade Licence By-Laws, the routine renewal of all trade licences is no longer submitted to this Department by the Licensing Officer for report. Careful attention is paid to storage conditions, particularly to rodent-proofing, and there is a gradual improvement in this connection. 301 inspections of the Borough Market and 849 inspections of other premises manufacturing or handling food were made. (Page 68)

Food and Drugs Act.

Under the Food, Drugs and Disinfectants Act, 52 samples were taken and the results of the analyses were as follows :-

Milk: 39 Samples : 6 samples not in accordance with requirements in regard to Solids-Non-Fat.

/Ice Cream

(11) OTHER FOOD SUPPLIES. Cont'd.

Ice Cream: 1 Sample; in accordance with requirements.

Mince Meat: 6 Samples; in accordance with requirements.

Sausage : 6 Samples; 4 in accordance with requirements; 2 contained excess preservative.

Prosecutions were instituted in regard to the Sausage Samples which were certified by the Government Analyst to contain excess preservative, and in the case of the defective Solids-Non-Fat Milk Samples, letters were written to the dairymen.

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

The European Infantile Mortality Rate dropped from last year's figure of 34.2 to 22.14.

The Coloured Infantile Mortality Rate dropped from 86.2 to 58.3.

The Indian Infantile Mortality Rate dropped from 46.5 to 43.0.

The Native Infantile Mortality Rate was 121.7. As far as it is possible to ascertain the registration of Native births in Pietermaritzburg is fairly complete now, and the figures obtained should be fairly reliable. This rate is a considerable improvement on last year's rate of 210.

The main causes and age groupings of Infantile Mortality in the different races are shown on pages 39-40.

Gastro-enteritis was again the chief cause of Non-European Infantile Mortality. Prematurity and Pneumonia were the next most frequent causes of Infantile Mortality for all races.

This Department continued to supply milk to necessitous infants up to the age of 2 years, and also to a certain number of children below the age of 5. (See page 39)

Diphtheria immunisation was continued throughout the year as one of the activities of the Infant Welfare Clinics, a total of 428 children being immunised (European: 225; Native: 91; Coloured: 66; Asiatic: 46)

A combined Diphtheria and Whooping Cough Vaccine was also used in infants, and of the total given, 126 European, 38 Native and 16 Coloured infants were immunised against Whooping Cough at the same time as against Diphtheria. 35 Schick Tests were also done in Europeans.

Child Welfare Clinic attendances were as follows :-

	<u>European</u>	<u>Native</u>	<u>Coloured</u>	<u>Indian</u>
1945-1946	6,259	2,843	1,075	5,041

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

Successful Vaccinations:

Under 2 Years of Age : 384
Over 2 Years of Age : Nil

Insusceptible to Vaccination:

Nil

Vaccinations carried out by this Department at the Infant Clinics totalled 357, but this figure included a small number of adults who applied for vaccination.

Maternal Mortality.

The only deaths recorded were from Puerperal Embolism (1 European), Toxaemia of Pregnancy (1 Asiatic), Premature separation of Placenta (1 Asiatic, and other haemorrhage during childbirth (1 Native).

/The

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

The registration and supervision of all midwives practising in the Borough has continued throughout the year. 6 Inspections of Midwives' Bags have been made.

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

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

Borough Cases : (From 1st July, 1945 to 30th June, 1946 :-

Ante-Natal Clinic Attendances:

Europeans : 286
Natives : 893
Coloureds : 127
Asiatics : 229
TOTAL : 1535

District Midwifery Visits:

Europeans : 827
Coloureds : 629
Asiatics : 4552
TOTAL : 6008

The Municipal Native Midwife conducted 7 confinements and paid 90 confinement visits during the year.

Pietermaritzburg is a "Prescribed Area" under Section 39(b) of the Medical, Dental & Pharmacy Act No. 13 of 1928, within which no person other than a medical practitioner or a midwife registered under the Act, shall attend any lying-in woman for gain. There is one untrained midwife (an Asiatic) "listed" in Pietermaritzburg, and she conducted 15 confinements in the year.

(13) BY-LAW NOTICES AND PROSECUTIONS. (Pages 68-70)

1,259 Notices and formal letters were served regarding breaches of the Borough By-Laws. 34 Prosecutions were initiated in the Magistrate's Court, as detailed on page 70.

(14) OTHER MATTERS OF HEALTH AND SANITATION.

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

Complaints from Burgesses. 203 Complaints were received and attended to during the year.

Medical Examination of Natives.

Number Examined	Rejected (All Causes)	Rejected (V.D.)	Referred T.B. Clinic	Vaccinated
Male : 23,058	629 : 2.7%	157 : 0.7%	236 : 1.0%	
Female : 209	41 : 19.6%	30 : 14.4%	8 : 3.8%	
TOTAL : 23,267	670 : 2.9%	187 : 0.8%	244 : 1.0%	17,103

Other reasons for Rejection:

Dirty : Male : 66
Scabies : Male : 145 Female : 1
Impetigo & Septic Sores, : Male : 17 Female : 1
Dermatitis, etc.

/LEPROSY

(14) OTHER MATTERS OF HEALTH AND SANITATION. Cont'd.

Leprosy	Male	:	2	
Chicken Pox	Male	:	4	
Ringworm	Male	:	2	
Miscellaneous	Male	:	-	Female : 1

The number of Native female domestic servants coming forward for examination is still very small. The practice of re-vaccinating every person appearing at the Pass Office who does not possess indisputable evidence of recent successful vaccination, is carried out.

Native Village Dispensary:

At the beginning of the year a new specially designed clinic building forming portion of the new General Administrative Block built at the Native Village was opened, providing adequate accommodation and providing also for future expansion.

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

Number of new Patients attending Dispensary	:	847
Re-attendances at Dispensary	:	233
Home Visits	:	4,853
Surgical Dressings	:	11,225

State-Aided Butter Scheme:

During the year 6,722 lbs. of butter were distributed, 1,111 lbs. to Europeans, 5,611 lbs. to Coloureds.

Health Propaganda:

During the year the following address was given by your Medical Officer of Health :-

"Pasteurisation of Milk" - an address to the Pietermaritzburg Housewives League.

Your Assistant Medical Officer of Health gave a course of lectures on "Infant Feeding and Child Health" to a Red Cross Society class, and commented on films shown by the Red Cross Society to Public audiences.

During the year pamphlets on "The Control of House Flies" were distributed to Dairyman and to the Public, and in addition, a circular letter on the subject of the "Medical Examination of Native Females" was circularised to all burgesses.

(15) STAFF.

The Staff of the Department at the end of June, 1946, 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 : L.E. Gellman, M.B., Ch.B., D.P.H.,
D.T.M. & H.

Chief Clerk	:	E. Bastow
Clerk	:	C.D. Anley
Junior Clerk	:	E.A. Farmer

/Senior Woman Clerical Assistant ...

15) STAFF. Cont'd.

Senior Woman Clerical Assistant : Miss E.M. Hughes
Junior Woman Clerical Assistants : Miss J. Goodwin and Miss D. Hardman

2 Native Messengers

INSPECTORATE

Chief Health Inspector : J.G. Bigley, Cert. R.S.I.
Health Inspector (Dairy) : C.F. Wyatt, Cert. R.S.I., Meat & Other
Foods Cert. R.S.I.
Health Inspector : R.E. Bunn, Cert. R.S.I.
Health Inspector : Mrs. E.A. Thompson, Cert. R.S.I.
Health Inspector : D.C. Johnston, Cert. R.S.I.
Fumigation Officer : K.B. Rasmussen
Rodent and Transport Officer : G. Fairfield

1 Indian Furigation Assistant.

HEALTH VISITING STAFF

Senior Health Visitor : Miss E.M. McDougall, Health Visitors' Cert.
(Scotland); Health Visitors'
Cert. R.S.I., Mothercraft
Certificate (New Zealand).

Health Visitors : Miss G. Buttery, Health Visitors' Cert. R.S.I.

: Miss M.W. Marwick, Mothercraft Certificate;
S.A.M.C. Cert. (General and
Midwifery)

: Miss E.E. Holcomb, Health Visitors' Cert. R.S.I.
(General and Midwifery)

: Miss O.G. Silvester : S.R.N. (Eng.); C.M.B. (Engl.)

Clinic Clerk : Miss M.C. Young

NATIVE NURSING AND HEALTH ASSISTANT STAFF

Native Nurse and Midwife : Nurse Keziah Mbanjwa, S.A.M.C. Cert.
(General and Midwifery)
Native Nurse (Native Village Dispensary) : Nurse Sophia Masongoa,
Health Visitors' Cert. P.S.I.
Native Health Assistants : A. Ntombela, B. Hlongwane and T. Kuluse

ISOLATION HOSPITAL

Matron : Miss R.M. Wickenden
Sisters : Miss C.C. Klein, Mrs. E.M. Watson,
Miss J.C. Wordmuller
Probationer Nurses : Miss F.M. McDonald, Miss O.E. Cook.

1 Housekeeper
14 Native Domestic Servants.
1 Native Night Watchman.

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

Matron : Mrs. C. Le Steers
1 Housekeeper :
Native Staff Nurses : 8
Native Domestic Staff : 21

/ EPIDEMIC HOSPITAL

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
CHICAGO, ILLINOIS 60637

TO THE EDITOR:
I have the honor to acknowledge the receipt of your letter of the 10th inst. regarding the matter mentioned therein. I am sorry that I cannot give you a more definite answer at this time, but I am sure that you will understand my position.

I am sure that you will understand my position. I am sure that you will understand my position. I am sure that you will understand my position. I am sure that you will understand my position. I am sure that you will understand my position.

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5) STAFF. Cont'd.EPIDEMIC HOSPITAL

Officer-in-Charge : J.A. Kedian
Housekeeper (Vacant)

Native Staff Nurses : 2
Native Orderlies : 3
Native Domestic Staff : 4

ABATTOIR

Manager : G.B. Lupton, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.

Meat Inspectors : C.W. Reid, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.

G.A. McIntosh, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.

Clerk : H. Dreyer, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.

Stockyard Foreman : C.F. Heathman

6) PERI-URBAN AREAS.

The Local Health Commission continued to exercise control in the Edendale and Slangspruit Area. The Commission has taken over the Malaria Control of the other peri-urban areas surrounding Pietermaritzburg.

No definite steps have as yet been taken to bring the other smaller peri-urban areas - New England, Ockert's Kraal and Raisethorpe - under control. The Mkondeni settlement has now disappeared, the tenants having left and the shacks having been demolished.

PORT B.1) HOUSING.

52 of the 100 Sub-economic houses being built for Natives at the Native Village were completed by July 1st, 1946. Only a very small proportion of the necessary Asiatic housing has been provided (50 sub-economic houses were completed at the beginning of 1940). 11 European National (sub-economic) Houses were bearing completion by the end of the period under review, while 28 Coloured National (sub-economic) Houses were well advanced in construction and should be ready by December, 1946. The Council European Economic Housing Scheme of 50 houses in the "Gardens" suburb was completed 5 years ago and is continually fully occupied.

Powers under the Borough By-Laws have been exercised sparingly in dealing with insanitary dwellings owing to present conditions. 9 Dwellings were condemned for demolition under Public Health By-Law 19(b) and 5 dwellings were voluntarily demolished following representations by this Department.

Plans.

All plans of new buildings are submitted to this Department and 326 have been scrutinised. Of these 135 were approved out-right, 143 approved subject to minor alterations and 48 disapproved.

The City Engineer reports that during the year 60 dwellings and 46 flats were erected for Europeans and 13 dwellings for Non-Europeans, as compared with last year's total of 50.

HOUSING OF NATIVES, NATIVE OR ASIATIC LOCATIONS OR BARRACKS.

The Pietermaritzburg Native Village, situated about 3 miles from the Centre of the Town, now comprises 383 houses and various public buildings, with a population of about 2,000. Water is supplied by communal standpipes from the Corporation water supply, and sanitation is by the pail system, separate for each house. Communal ablution blocks and laundries are provided and provision for hot baths at a small charge is being made in the ablution blocks now under construction.

A housing scheme on a communal basis for 28 aged and indigent Natives (including couples and single persons) has been commenced at the Native Village. When that is completed the City Council will commence the construction of a further 100 National (Sub-Economic) Houses at the Native Village. All the houses at the Native Village are being built by Native Labour.

There are three Corporation Hostels for single Natives. For Males there is the East Street Hostel (and annexes) housing 399 Natives, and the Ortman Road Hostel with a capacity of 127. The Women's Hostel in Church Street houses 174 women. These Hostels are under the control of the Municipal Native Administration Department, and two European Superintendents are employed. Extensions to the Men's Hostels have been commenced to provide accommodation for an extra 500. 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. 130 Temporary licences have been granted during the year to house unexempted Natives under the Natives (Urban Areas) Act, pending the provision of more accommodation at the Village and Hostels.

About 80% of the Natives resident in the Town live in quarters provided on the property of their employers. These quarters are the subject of inspections by this Department and in general are satisfactory.

ASIATIC HOUSING.

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

The 50 sub-economic Indian houses completed at the beginning of 1940 have been fully occupied continuously. The Health Visitor paid 2,558 visits in supervising this Scheme.

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

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

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

Against these can be set the following provision

- (1) Europeans: (a) 11 National (Sub-economic) Houses (Scheme nearly complete)
(b) 25 National Houses (at Manor) (" " ")
(c) 46 flats and 52 dwellings provided by private enterprise during the year.
- (2) Natives : (a) 100 National (Sub-economic) Houses (Scheme nearly complete)
(b) 100 National (") Houses (Scheme approved, but not yet commenced)
(c) Accommodation for 28 persons - aged and indigent Natives - building commenced.
- (3) Coloureds : 28 National (Sub-economic) Houses - Scheme nearly complete
- (4) Asiatics - Nil

The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, regarding the land owned by the United States in the State of California.

A total of 1,000,000 acres of land is owned by the United States in the State of California. This land is located in various parts of the State, including the Sierra Nevada, the Coast Range, and the Central Valley.

The land is owned by the United States in several different capacities. It is owned by the United States as a sovereign, as a trustee, and as a proprietor.

The land is owned by the United States as a sovereign in the following areas: the Sierra Nevada, the Coast Range, and the Central Valley.

The land is owned by the United States as a trustee in the following areas: the Sierra Nevada, the Coast Range, and the Central Valley.

The land is owned by the United States as a proprietor in the following areas: the Sierra Nevada, the Coast Range, and the Central Valley.

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DEATHS

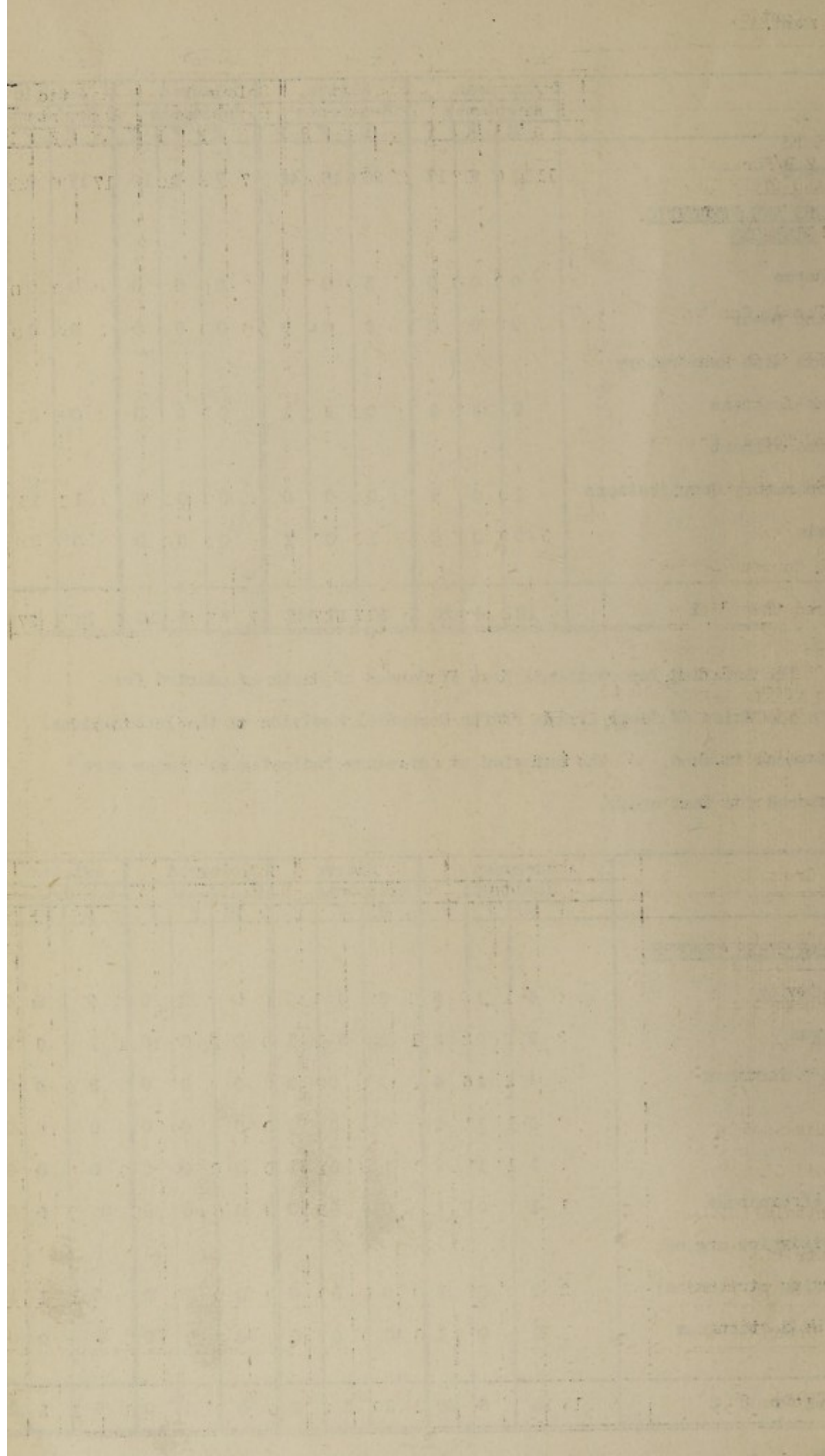
	European			Native			Coloured			Asiatic		
	Residents			Residents			Residents			Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
1) <u>INFECTIOUS AND PARASITIC DISEASES</u>												
001. Typhoid Fever	1	1	2	2	4	6	0	0	0	3	1	4
008. Cerebro-spinal Meningococcal Meningitis	1	0	1	0	0	0	0	0	0	0	0	0
012. Diphtheria	0	0	0	1	0	1	2	0	2	1	0	1
014. Tetanus	0	0	0	1	0	1	0	0	0	0	0	0
<u>Tuberculosis of :-</u>												
015. Respiratory System	6	4	10	15	9	24	3	3	6	7	5	12
016. Central Nervous System	1	0	1	1	1	2	0	0	0	1	0	1
017. Intestines & Peritoneum	0	0	0	1	0	1	0	0	0	1	0	1
024. Tuberculosis - Acute												
Miliary	0	0	0	0	1	1	0	0	0	1	0	1
025. Tuberculosis - Chronic												
Miliary	0	0	0	0	0	0	1	0	1	0	0	0
027. Purulent infection and septicaemia (non puerperal)	1	0	1	0	0	0	1	0	1	0	0	0
033. Amoebic Dysentery	0	1	1	0	0	0	0	0	0	0	0	0
035. Other and Unspecified forms of Dysentery	0	0	0	1	1	2	0	0	0	0	0	0
<u>Syphilis :-</u>												
041. General paralysis of the insane	1	0	1	1	0	1	0	0	0	2	0	2
042. Aneurysm of the Aorta	0	0	0	3	0	3	0	0	0	0	0	0
043. Congenital Syphilis	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL : C/Forward	11	6	17	26	16	42	7	3	10	17	6	23

DEATHS. Cont'd.

	European Residents			Native Residents			Coloured Residents			Asiatic Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
tal B/Forward	11	6	17	26	16	42	7	3	10	17	6	23
) <u>INFECTIOUS AND PARASTIC DISEASES</u>												
4. Other Forms	0	0	0	3	0	3	0	0	0	0	0	0
5. Relapsing Fever	0	0	0	0	0	0	0	0	0	0	0	0
8. Influenza with Respiratory Complications	0	2	2	0	1	1	0	0	0	0	2	2
9. Influenza without Respiratory Complications	1	0	1	0	0	0	0	0	0	1	1	2
1. Bilharzia	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL : 1	12	8	20	30	17	47	7	3	10	18	9	27

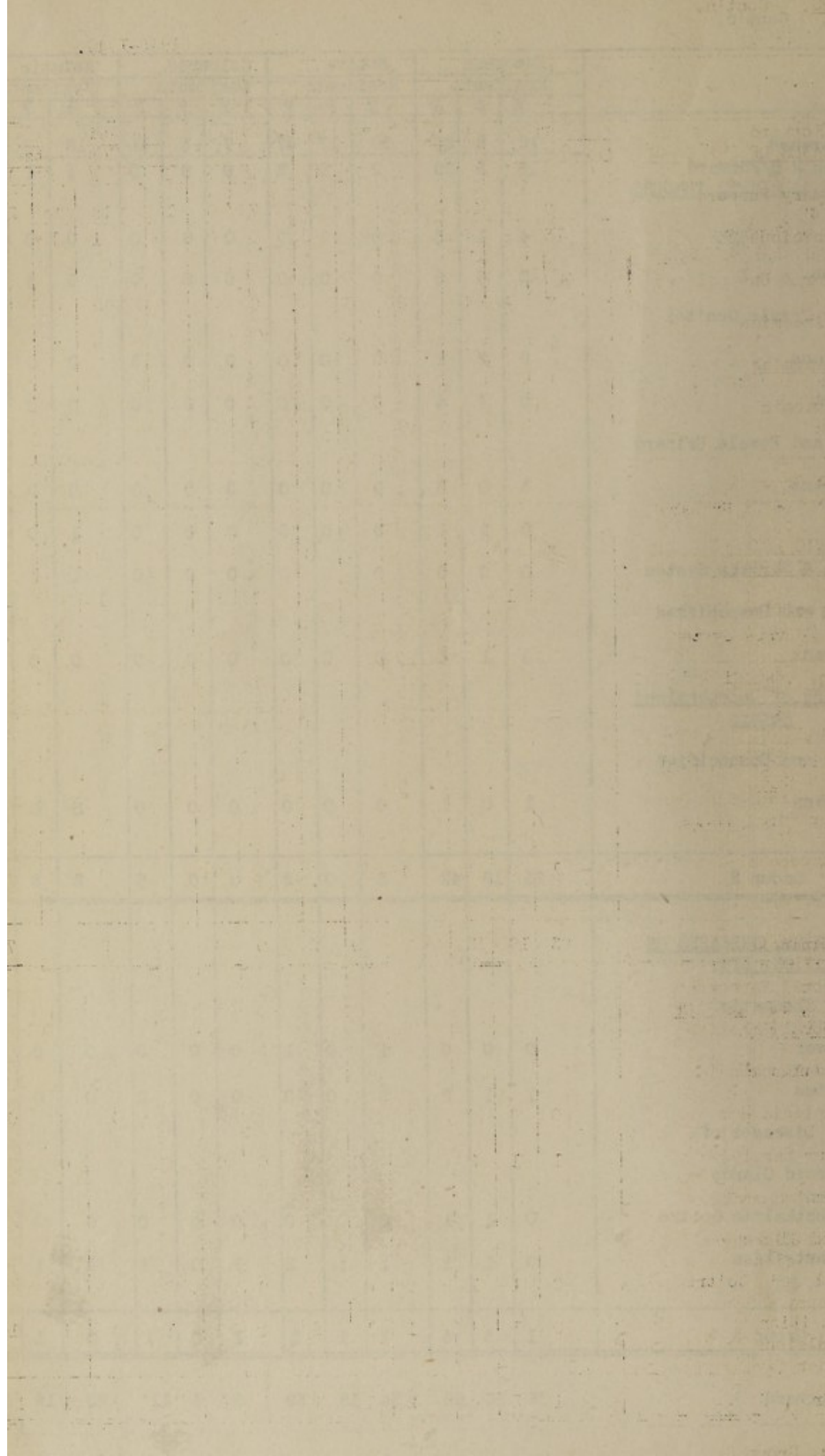
The Detailed International List of Causes of Death as adapted for use in the Union of South Africa (fifth Decennial Revision by the International Commission) is used. The omission of any cause indicates no deaths were registered for that cause.

	European Residents			Native Residents			Coloured Residents			Asiatic Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
2) <u>CANCER AND OTHER TUMOURS</u>												
30. Buccal Cavity	4	1	5	0	0	0	0	0	0	0	0	0
31. Oesophagus	2	0	2	1	0	1	0	0	0	1	0	1
32. Stomach & duodenum	4	2	6	0	0	0	0	0	0	0	0	0
33. Rectum	0	1	1	0	0	0	0	0	0	0	0	0
34. Liver	1	1	2	1	0	1	0	0	0	0	0	0
35. Cancer of Pancreas	1	0	1	0	0	0	0	0	0	0	0	0
36. Other digestive organs (including peritoneum)	2	0	2	0	0	0	0	0	0	0	1	1
38. Cancer of Mediastinum	1	0	1	0	0	0	0	0	0	0	0	0
C/Forward Group 2	15	5	20	2	0	2	0	0	0	1	1	2
Total C/Forward	12	8	20	30	17	47	7	3	10	18	9	27



DEATHS. Cont'd.

	European			Native			Coloured			Asiatic		
	Residents			Residents			Residents			Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	12	8	20	30	17	47	7	3	10	18	9	27
Total Group 2 B/Forward	15	5	20	2	0	2	0	0	0	1	1	2
2) <u>CANCER AND OTHER TUMOURS</u>												
9. Lung	4	1	5	0	0	0	0	0	0	0	0	0
10. Uterus	0	5	5	0	0	0	0	0	0	0	3	3
11. Other Female Genital Organs	0	2	2	0	0	0	0	0	0	0	0	0
12. Breast	0	4	4	0	0	0	0	0	0	0	0	0
15. Male and Female Urinary Organs	3	0	3	0	0	0	0	0	0	0	0	0
16. Skin	0	1	1	0	0	0	0	0	0	1	0	1
17. Brain & Nervous System	0	0	0	0	0	0	0	0	0	0	1	1
19. Other and Unspecified Organs	0	1	1	0	0	0	0	0	0	0	0	0
<u>Tumours of Undetermined Nature</u>												
36. Other and Unspecified Organs	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL : Group 2	23	19	42	2	0	2	0	0	0	2	5	7
3) <u>RHEUMATISM, DISEASES OF NUTRITION, ETC.</u>												
49. Acute Rheumatic Fever	0	0	0	1	0	1	0	0	0	0	0	0
52. Diabetes	1	1	2	0	0	0	0	0	0	0	0	0
55. Other Diseases of Thyroid Glands - Exophthalmic Goitre	0	1	1	0	0	0	0	0	0	0	0	0
63. Malnutrition	0	1	1	1	1	2	1	0	1	0	1	1
TOTAL : Group 3	1	3	4	2	1	3	1	0	1	0	1	1
Total C/Forward	36	30	66	34	18	52	8	3	11	20	15	35



DEATHS. Cont'd.

	European Residents			Native Residents			Coloured Residents			Asiatic Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	36	30	66	34	18	52	8	3	11	20	15	35
(4) DISEASES OF THE BLOOD												
200. Primary Purpura	0	0	0	0	0	0	0	0	0	1	0	1
203. Pernicious Anaemia	0	1	1	0	0	0	0	0	0	0	0	0
206. Other & Unspecified												
Anaemias	1	0	1	0	0	0	0	0	0	0	0	0
Leukaemias -												
207. Leukaemic	2	0	2	0	0	0	0	0	0	0	0	0
TOTAL : Group 4	3	1	4	0	0	0	0	0	0	1	0	1
(5) CHRONIC POISONING AND INTOXICATION												
252. Unspecified Alcoholism	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL : Group 5	1	0	1	0	0	0	0	0	0	0	0	0
(6) DISEASES OF THE NERVOUS SYSTEM												
300. Intra-cranial abscess	0	0	0	0	0	0	0	0	0	0	0	0
301. Other Forms	0	0	0	1	0	1	0	0	0	0	0	0
302. Pneumococcal Meningitis	0	0	0	1	0	1	0	0	0	1	0	1
303. Other Forms of												
Meningitis	1	0	1	1	1	2	0	0	0	0	1	1
305. Cerebral Haemorrhage	4	6	10	2	1	3	1	0	1	4	3	7
306. Cerebral Embolism												
and Thrombosis	0	3	3	0	0	0	0	0	0	0	1	1
307. Hemiplegia and												
Other paralysis of												
unstated origin	0	0	0	0	0	0	0	0	0	0	0	0
308. Mental Disorders and												
Deficiency	2	0	2	3	0	3	0	0	0	0	0	0
309. Epilepsy	2	5	5	4	0	4	0	1	1	0	0	0
310. Convulsions in Children												
under five years of												
age	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL : Group 6	9	12	21	12	2	14	1	1	2	6	5	11
Total C/Forward	49	43	92	46	20	66	9	4	13	27	20	47

STATION 7									
WATER					WIND				
DATE	TIME	TEMP.	WIND	WAVE	DATE	TIME	TEMP.	WIND	WAVE
1911	10	18	18	18	1911	10	18	18	18
1911	11	18	18	18	1911	11	18	18	18
1911	12	18	18	18	1911	12	18	18	18
1911	13	18	18	18	1911	13	18	18	18
1911	14	18	18	18	1911	14	18	18	18
1911	15	18	18	18	1911	15	18	18	18
1911	16	18	18	18	1911	16	18	18	18
1911	17	18	18	18	1911	17	18	18	18
1911	18	18	18	18	1911	18	18	18	18
1911	19	18	18	18	1911	19	18	18	18
1911	20	18	18	18	1911	20	18	18	18
1911	21	18	18	18	1911	21	18	18	18
1911	22	18	18	18	1911	22	18	18	18
1911	23	18	18	18	1911	23	18	18	18
1911	24	18	18	18	1911	24	18	18	18
1911	25	18	18	18	1911	25	18	18	18
1911	26	18	18	18	1911	26	18	18	18
1911	27	18	18	18	1911	27	18	18	18
1911	28	18	18	18	1911	28	18	18	18
1911	29	18	18	18	1911	29	18	18	18
1911	30	18	18	18	1911	30	18	18	18
1911	31	18	18	18	1911	31	18	18	18

STATION 7

WATER

WIND

WAVE

1911

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DEATHS. Cont'd

	European Residents			Native Residents			Coloured Residents			Asiatic Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
otal B/Forward	49	43	92	46	20	66	9	4	13	27	20	47
7) DISEASES OF THE CIRCULATORY SYSTEM												
51. Other Pericarditis	0	0	0	1	0	1	0	1	1	0	0	0
52. Acute Endocarditis	1	0	1	0	1	1	0	0	0	0	0	0
53. Valvular Disease - Rheumatic	0	0	0	0	1	1	0	0	0	1	2	3
54. Valvular Disease - Other Forms	0	0	0	1	1	2	0	0	0	0	1	1
55. Acute Myocarditis	12	3	15	5	2	5	0	1	1	0	1	1
56. Chronic Myocarditis, specified as Rheumatic	1	2	3	0	0	0	0	0	0	0	0	0
57. Other Chronic Myocarditis	13	13	26	1	1	2	0	1	1	2	1	3
58. Diseases of the coronary arteries and angina pectoris	13	10	23	5	0	3	0	0	0	6	1	7
59. Heart disease specified as Rheumatic	0	0	0	0	1	1	0	0	0	0	0	0
60. Other Heart Diseases not specified as Rheumatic	1	1	2	0	0	0	0	0	0	0	1	1
62. Arterio sclerosis	2	2	4	2	1	3	0	0	0	0	0	0
63. Gangrene (including cancrum oris)	1	0	1	0	0	0	0	0	0	0	1	1
65. Diseases of the Veins	0	0	0	0	0	0	0	0	0	1	0	1
67. High Blood Pressure	1	2	3	0	3	3	0	0	0	2	0	2
68. Oth. Dis. of the Circulatory System	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : Group 7	45	33	78	11	11	22	0	3	3	12	8	20
Total C/Forward	94	76	170	57	31	88	9	7	16	39	28	67

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291	292	293	294	295	296	297	298	299	300
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471	472	473	474	475	476	477	478	479	480
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621	622	623	624	625	626	627	628	629	630
631	632	633	634	635	636	637	638	639	640
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691	692	693	694	695	696	697	698	699	700
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711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
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741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
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801	802	803	804	805	806	807	808	809	810
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861	862	863	864	865	866	867	868	869	870
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941	942	943	944	945	946	947	948	949	950
951	952	953	954	955	956	957	958	959	960
961	962	963	964	965	966	967	968	969	970
971	972	973	974	975	976	977	978	979	980
981	982	983	984	985	986	987	988	989	990
991	992	993	994	995	996	997	998	999	1000

DEATHS. Cont'd.

	European			Native			Coloured			Asiatic		
	Residents			Residents			Residents			Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
atal B/Forward	94	76	170	57	31	88	9	7	16	39	28	67
9) <u>DISEASES OF THE RESPIRATORY SYSTEM</u>												
1. Diseases of the												
Larynx	0	0	0	0	1	1	0	0	0	0	0	0
2. Acute Bronchitis	0	1	1	1	1	2	0	0	0	0	0	0
3. Chronic Bronchitis	1	0	1	0	0	0	0	0	0	0	0	0
4. Broncho Pneumonia	2	0	2	9	4	13	0	1	1	3	1	4
5. Lobar Pneumonia	1	0	1	6	2	8	1	0	1	2	3	5
6. Pneumonia Unspecified	0	0	0	1	1	2	0	0	0	1	0	1
7. Empyema	0	0	0	0	1	1	0	0	0	0	0	0
8. Other unspecified												
forms of pleurisy	0	0	0	0	0	0	0	0	0	0	1	1
9. Chronic or unspeci-												
fied congestion												
of the lungs	1	3	4	1	0	1	0	0	0	1	0	1
11. Asthma	0	0	0	1	0	1	0	0	0	0	1	1
12. Pulmonary Emphysena	0	0	0	0	0	0	0	0	0	0	0	0
13. Miners' Phthisis												
without T.B.	0	0	0	0	0	0	0	0	0	0	0	0
14. Miners' Phthisis												
with T.B.	0	0	0	0	0	0	0	0	0	0	0	0
17. Abscess of Lung	0	0	0	0	0	0	1	0	1	0	0	0
18. Other Diseases of												
the Respiratory												
System not speci-												
fied as occupa-												
tional.	1	0	1	0	0	0	0	0	0	1	0	1
TOTAL : Group 8	6	4	10	19	10	29	2	1	3	8	6	14
Total C/Forward	100	80	180	76	41	117	11	8	19	47	34	81

DEATHS. Cont'd.

	European Residents			Native Residents			Coloured Residents			Asiatic Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	100	80	180	76	41	117	11	8	19	47	34	81
9) DISEASES OF THE DIGESTIVE SYSTEM												
154. Diseases of the oesophagus	0	0	0	0	0	0	0	0	0	0	0	0
155. Ulcers of the Stomach	2	1	3	0	0	0	0	0	0	0	0	0
156. Ulcers of the Duodenum	1	0	1	1	0	1	0	0	0	0	0	0
157. Other diseases of the stomach	0	0	0	0	0	0	0	0	0	0	0	0
158. Diarrhoea and Enteritis (under 2 years)	0	0	0	9	5	14	2	1	3	6	5	11
159. Diarrhoea and Enteritis (over 2 years)	0	0	0	1	3	4	0	0	0	1	3	4
160. Ulceration of the intestines	0	0	0	0	0	0	0	0	0	0	1	1
161. Appendicitis	0	0	0	1	0	1	0	0	0	0	1	1
163. Intestinal obstruction	1	0	1	0	0	0	0	0	0	0	0	0
164. Diverticulitis	1	0	1	0	0	0	0	0	0	0	0	0
165. Other diseases of Intestines	1	0	1	0	0	0	0	0	0	0	1	1
166. Cirrhosis of Liver with mention of alcoholism	0	0	0	0	0	0	0	0	0	1	1	2
167. Cirrhosis of Liver without alcoholism	0	1	1	1	0	1	1	1	2	2	0	2
169. Oth. dis. of Liver	0	1	1	0	0	0	0	0	0	1	0	1
171. Cholecystitis without Biliary Calculi	1	0	1	0	0	0	0	0	0	0	0	0
172. Diseases of the Pancreas	1	0	1	0	0	0	0	0	0	0	0	0
173. Peritonitis without stated cause.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : Group 9	8	3	11	13	8	21	3	2	5	11	12	23
Total C/Forward	108	83	191	89	49	138	14	10	24	58	46	104

DEATHS. Cont'd.

	European Residents			Native Residents			Coloured Residents			Asiatic Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	108	83	191	89	49	138	14	10	24	58	46	104
(10) <u>DISEASES OF THE URINARY AND GENITAL SYSTEMS</u>												
500. Acute Nephritis	1	0	1	0	0	0	0	0	0	0	0	0
501. Chronic Nephritis	3	2	5	3	0	3	0	0	0	1	0	1
502. Nephritis												
Unspecified	1	4	5	0	0	0	1	0	1	0	0	0
503. Pyelitis	0	0	0	0	0	0	0	0	0	0	1	1
509. Hypertrophy	6	0	6	0	0	0	0	0	0	0	0	0
Prostate												
TOTAL : Group 10	11	6	17	3	0	3	1	0	1	1	1	2
(11) <u>DISEASES OF PREGNANCY</u>												
561. Other Toxaemias												
of Pregnancy	0	0	0	0	0	0	0	0	0	0	1	1
564. Haemorrhage from												
premature separa-												
tion of placenta												
during childbirth	0	0	0	0	0	0	0	0	0	0	1	1
565. Oth. haemorrhages												
during childbirth	0	0	0	0	1	1	0	0	0	0	0	0
567. General or local												
puerperal infection	0	0	0	0	0	0	0	0	0	0	0	0
569. Puerperal Embolism	0	1	1	0	0	0	0	0	0	0	0	0
575. Other or unspeci-												
fied dis. of												
childbirth and the												
puerperium	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : Group 11	0	1	1	0	1	1	0	0	0	0	2	2
Total C/Forward	119	90	209	92	50	142	15	10	25	59	49	106

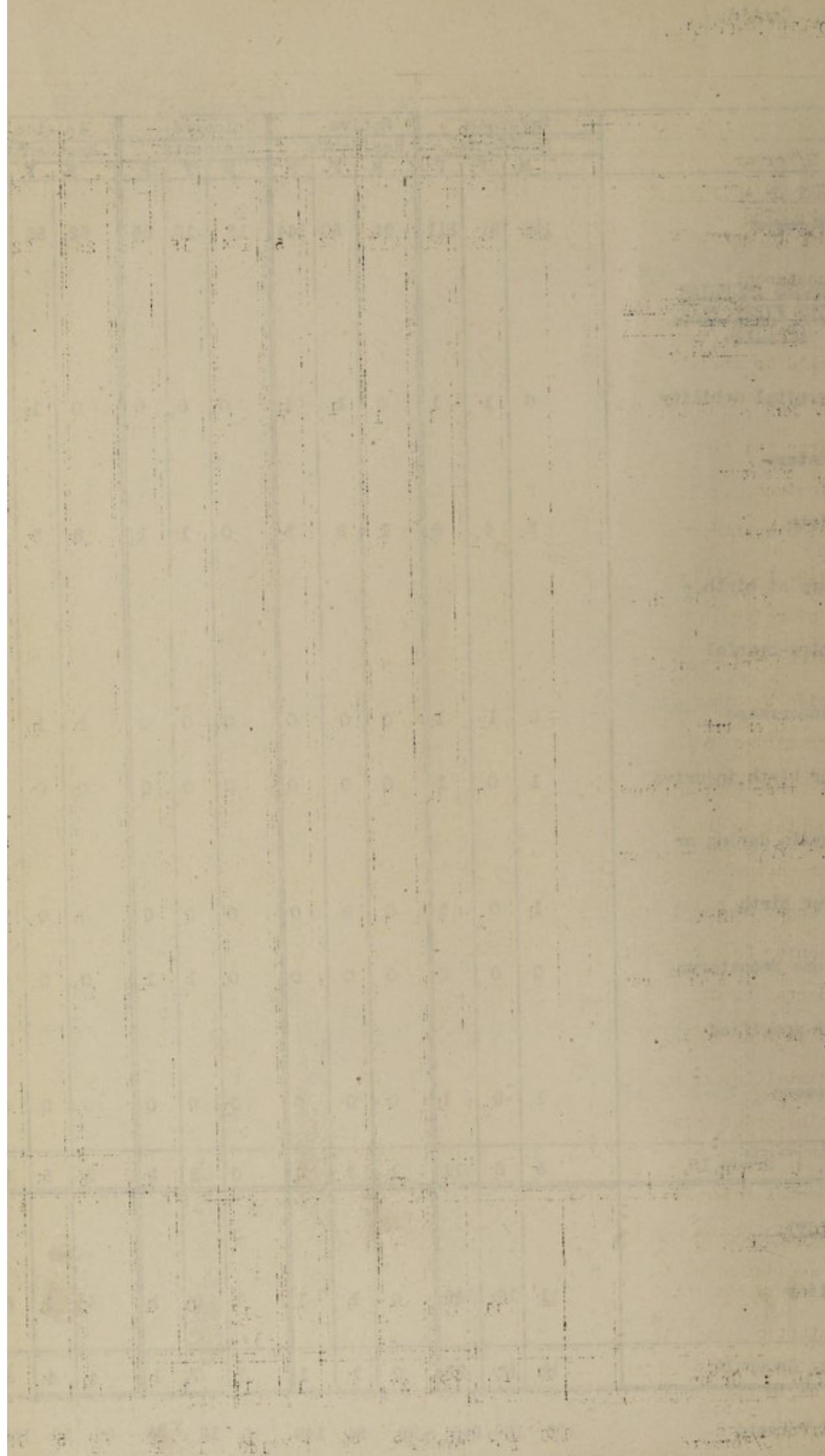
DEATHS. Cont'd.

	European Residents			Native Residents			Coloured Residents			Asiatic Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	119	90	209	92	50	142	15	10	25	59	49	108
(12) <u>DISEASES OF THE SKIN AND CELLULAR TISSUE.</u>												
600. Carbuncle, boils	0	0	0	0	0	0	0	0	0	0	0	0
601. Cellulitis	0	0	0	2	0	2	0	0	0	0	0	0
602. Other diseases of the skin, etc.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : Group 12	0	0	0	2	0	2	0	0	0	0	0	0
(13) <u>DISEASES OF THE BONES - ORGANS OF MOVEMENT.</u>												
650. Osteomyelitis and periostitis	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL : Group 13	0	0	0	0	0	0	0	0	0	1	0	1
(14) <u>CONGENITAL MALFORMATIONS</u>												
702. Congenital Malformation of heart	1	1	2	0	0	0	0	0	0	0	0	0
704. Congenital Pyloric stenosis	0	0	0	0	0	0	0	0	0	1	0	1
708. Oth. stated congenital malformations	0	0	0	0	0	0	0	0	0	1	1	2
TOTAL : Group 14	1	1	2	0	0	0	0	0	0	2	1	3
Total C/Forward	120	91	211	94	50	144	15	10	25	62	50	112

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

DEATHS. Cont'd.

	European Residents			Native Residents			Coloured Residents			Asiatic Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	120	91	211	94	50	144	15	10	25	62	50	112
(15) <u>DISEASES PECULIAR TO THE FIRST YEAR OF LIFE.</u>												
750. Congenital debility	0	1	1	0	1	1	0	0	0	0	1	1
751. Premature												
Birth	2	4	6	1	2	3	0	1	1	2	3	5
752. Injury at birth -												
Intra-cranial												
haemorrhage	0	1	1	0	0	0	0	0	0	1	1	2
753. Other birth injuries	1	0	1	0	0	0	0	0	0	0	0	0
754. Asphyxia during or												
after birth	1	0	1	0	0	0	0	0	0	0	0	0
757. Melaena Neonatorum	0	0	0	0	0	0	0	1	1	0	0	0
758. Other specified												
diseases	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL : Group 15	5	6	11	1	3	4	0	2	2	3	5	8
(16) <u>SENILITY.</u>												
800. Senility	11	12	23	0	1	1	1	0	1	4	4	8
TOTAL : Group 16	11	12	23	0	1	1	1	0	1	4	4	8
Total C/Forward	136	109	245	95	54	149	16	12	28	69	59	128



DEATHS. Cont'd.

	European Residents			Native Residents			Coloured Residents			Asiatic Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
Total B/Forward	136	109	245	95	54	149	16	12	28	69	59	128
7) <u>VIOLENT OR ACCIDENTAL DEATHS</u>												
8. Suicide by corrosive substances	0	0	0	0	0	0	0	0	0	0	0	0
9. Other or unspecified solid or liquid poisons	0	0	0	0	0	0	0	0	0	0	0	0
10. Firearms and explosives	2	0	2	0	0	0	0	0	0	0	0	0
11. Homicide by firearms	0	0	0	0	0	0	0	0	0	0	0	0
12. Homicide by cutting or piercing instruments	0	0	0	0	0	0	0	0	0	0	0	0
13. Homicide by other or unspecified means	0	0	0	0	0	0	0	0	0	0	0	0
14. Other accidents	0	0	0	1	0	1	0	0	0	0	0	0
15. Accidental deaths - Other accidents	1	0	1	0	0	0	0	0	0	0	0	0
16. Oth. acute accidental poisoning (not by gas)	0	0	0	0	0	0	0	0	0	1	0	1
17. Accidental burns	0	0	0	0	0	0	0	0	0	0	1	1
18. Accidental drowning	0	0	0	1	0	1	0	0	0	0	0	0
19. Accidental injury by cutting or piercing instruments	0	0	0	0	0	0	0	0	0	0	0	0
20. Accidental injury by all	0	1	1	0	0	0	0	0	0	0	0	0
21. Injury by animals	0	0	0	0	0	0	0	0	0	0	0	0
22. Oth. accidents due to electric currents	0	0	0	0	0	0	0	0	0	0	0	0
23. Anaesthetic accidents	0	0	0	0	0	0	0	0	0	0	0	0
24. Oth. & unspecified accidents	0	0	0	0	0	0	0	0	0	1	0	1
25. From wounds	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : Group 17	3	1	4	2	0	2	0	0	0	2	1	3
Total C/Forward	139	110	249	97	54	151	16	12	28	71	60	131

THS. Cont'd.

	European Residents			Native Residents			Coloured Residents			Asiatic Residents		
	M	F	P	M	F	P	M	F	P	M	F	P
otal B/Forward	139	110	249	97	54	151	16	12	28	71	60	131
<u>ILL-DEFINED CAUSES OF DEATH.</u>												
Ill-defined												
causes	2	0	2	2	1	3	0	0	0	1	0	1
Found dead,												
cause												
unknown	0	0	0	0	0	0	0	0	0	0	0	0
Other deaths												
from												
unknown or												
unspecified												
causes.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL : Group 18	2	0	2	2	1	3	0	0	0	1	0	1
TOTAL	141	110	251	99	55	154	16	12	28	72	60	132

INFANTILE MORTALITY

(Under 1 Year)

CAUSES OF DEATH

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
43. Congenital Syphilis	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
48. Influenza - with respiratory complica- tions specified	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
49. Influenza - without respiratory complica- tions specified	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
63. Malnutrition	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
10. Convulsions in children under 5 years of age	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
62. Acute bronchitis	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
64. Broncho Pneumonia	1	0	1	2	2	4	0	0	0	0	0	0	2	2	4
65. Lobar pneumonia	0	0	0	1	1	2	1	0	1	0	2	2	2	3	5
66. Pneumonia, unspecified	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
67. Empyema	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
68. Unspecified congestion of the lungs	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
69. Diarrhoea and Enteritis	0	0	0	6	2	8	2	1	3	4	3	7	12	6	18
70. Congenital malformation of the heart	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
71. Congenital pyloric stenosis	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
72. Other stated congenital malformations	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
73. Congenital debility	0	1	1	0	1	1	0	0	0	0	1	1	0	2	2
74. Premature birth	2	4	6	1	2	3	0	1	1	2	2	4	3	5	8
75. Intra-cranial or spinal haemorrhage	0	1	1	0	0	0	0	0	0	1	1	2	1	1	2
76. Other birth injuries	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
77. Melaena neonatorum	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
78. Other specified diseases	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
91. Ill-defined causes	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
TOTAL :	6	7	13	12	11	23	3	3	6	13	11	24	28	25	53

INFANTILE MORTALITY

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
During 1st Week	3	5	8	0	4	4	0	2	2	1	2	3	1	8	9
1st Week - 3 Weeks	1	0	1	1	0	1	0	0	0	3	4	7	4	4	8
1 month - 2 months	1	0	1	4	3	7	0	0	0	1	0	1	5	3	8
3 months - 5 months	1	1	2	4	2	6	2	0	2	3	2	5	9	4	13
6 months - 8 months	0	1	1	3	2	5	1	0	1	2	1	3	6	3	9
9 months - 11 months	0	0	0	0	0	0	0	1	1	3	2	5	3	3	6
TOTAL :	6	7	13	12	11	23	3	3	6	13	11	24	28	25	53

INFANTILE MORTALITY RATE.

(DEATHS PER 1000 BIRTHS)

	European	Native	Coloured	Asiatic
During 1st Week	8 : 13.6	4 : 21.2	2 : 19.4	3 : 5.9
1 week - 3 weeks	1 : 1.7	1 : 5.3	0 : 0.0	7 : 12.5
1 month - 2 months	1 : 1.7	7 : 37.0	0 : 0.0	1 : 1.8
3 months - 5 months	2 : 3.4	6 : 31.7	2 : 19.4	5 : 9.0
6 months - 8 months	1 : 1.7	5 : 26.5	1 : 9.7	3 : 5.9
9 months - 11 months	0 : 0.0	0 : 0.0	1 : 9.7	5 : 9.0
Infantile Mortality Rate	13 : 22.1	23 : 121.7	6 : 58.3	24 : 43.0

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

European	: 5.2%
Native	: 14.9%
Coloured	: 22.2%
Asiatic	: 18.2%
All Non-European	: 16.9%
All Races	: 11.7%

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

	European		Native		Coloured		Asiatic		All Non-Eur.	
	No.	%	No.	%	No.	%	No.	%	No.	%
Malnutrition	0	0.0	0	0.0	0	0.0	1	4.2	1	1.9
Gastro-Intestinal Infections	0	0.0	8	34.8	3	50.0	7	29.2	18	34.0
Bronchitis & Pneumonia	1	7.7	8	34.8	1	16.7	3	12.5	12	22.6
Malformations	2	15.4	0	0.0	0	0.0	2	8.3	2	3.8
Congenital Debility	1	7.7	1	4.3	0	0.0	1	4.2	2	3.8
Prematurity	6	46.2	3	13.0	1	16.7	4	16.7	8	15.1
Injury at Birth	2	15.4	0	0.0	0	0.0	2	8.3	2	3.8
Convulsions	0	0.0	0	0.0	0	0.0	1	4.2	1	1.9
Melaena Neonatorum	0	0.0	0	0.0	1	16.7	0	0.0	1	1.9
Syphilis	0	0.0	0	0.0	0	0.0	1	4.2	1	1.9
Other Specified Causes	1	7.7	3	13.0	0	0.0	2	8.3	5	9.5
Ill-Defined Causes	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	13		23		6		24		53	

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

THE STATE OF NEW YORK
IN SENATE
January 1, 1900.

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

THE STATE OF NEW YORK
IN SENATE
January 1, 1900.

REPORT OF THE
COMMISSIONER OF THE LAND OFFICE
IN RESPONSE TO A RESOLUTION
PASSED BY THE SENATE
JANUARY 1, 1900.

THE STATE OF NEW YORK
IN SENATE
January 1, 1900.

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

PULMONARY TUBERCULOSIS.DEATHS IN MONTHS OF THE YEAR.

RESIDENTS	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
August	1	0	1	1	1	2	0	0	0	0	0	0	1	1	2
September	0	0	0	2	2	4	1	0	1	0	0	0	3	2	5
October	1	0	1	0	1	1	0	1	1	2	0	2	2	2	4
November	0	0	0	3	2	5	0	1	1	0	1	1	3	4	7
December	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
January	2	0	2	2	0	2	2	0	2	1	1	2	5	1	6
February	1	0	1	1	1	2	0	1	1	0	0	0	1	2	3
March	1	3	4	0	0	0	0	0	0	0	1	1	0	1	1
April	0	0	0	1	1	2	0	0	0	1	1	2	2	2	4
May	0	1	1	2	0	2	0	0	0	0	0	0	2	0	2
June	0	0	0	3	1	4	0	0	0	1	0	1	4	1	5
TOTAL :	6	4	10	15	9	24	3	3	6	7	5	12	25	17	42

PULMONARY TUBERCULOSIS DEATH RATES PER 1000 POPULATION

European : 0.40

Native : 1.69

Coloured : 2.46

Asiatic : 1.16

All Non-European : 1.56

ALL PERSONS : 1.00

DEATHS IN AGE GROUPS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
- 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 2 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
- 4 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
- 14 years	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
- 24 years	0	0	0	0	1	1	0	0	0	2	1	3	2	2	4
- 34 years	1	1	2	2	2	4	0	1	1	1	3	4	3	6	9
- 44 years	1	0	1	5	0	5	3	1	4	0	0	0	8	1	9
- 54 years	1	0	1	5	0	5	0	0	0	2	0	2	7	0	7
- 64 years	1	2	3	3	2	5	0	0	0	1	1	2	4	3	7
- 74 years	0	1	1	0	1	1	0	0	0	1	0	1	1	1	2
- and Over	2	0	2	0	1	1	0	0	0	0	0	0	0	1	1
TOTAL :	6	4	10	15	9	24	3	3	6	7	5	12	25	17	42

NON-PULMONARY TUBERCULOSIS

DEATHS IN MONTHS OF THE YEAR.

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	2	0	2	2	0	2
September	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
November	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
December	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
January	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	1	0	1	2	2	4	1	0	1	3	0	3	6	2	8

DEATH RATE PER 1,000 POPULATION

European	:	0.04
Native	:	0.28
Coloured	:	0.41
Asiatic	:	0.29
All Non-European:		0.30

ALL PERSONS : 0.17

DEATHS IN AGE GROUPS

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
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	1	0	1	0	1	1	0	0	0	0	0	0	0	1	1
5 - 14 years	0	0	0	0	1	1	0	0	0	2	0	2	2	1	3
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	0	1	1	0	1	0	0	0	2	0	2
35 - 44 years	0	0	0	1	0	1	0	0	0	1	0	1	2	0	2
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 :	1	0	1	2	2	4	1	0	1	3	0	3	6	2	8

C A N C E RDEATHS IN AGE GROUPSRESIDENTS

	European			Native			Coloured			Asiatic			All Non-European		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 24 years	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
- 34 years	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
- 44 years	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
- 54 years	1	3	4	0	0	0	0	0	0	0	3	3	0	3	3
- 64 years	5	5	10	2	0	2	0	0	0	1	0	1	3	0	3
- 74 years	13	7	20	0	0	0	0	0	0	0	0	0	0	0	0
and Over	3	3	6	0	0	0	0	0	0	1	0	1	1	0	1
TOTAL :	23	19	42	2	0	2	0	0	0	2	5	7	4	5	9

DEATH RATES PER 1,000 POPULATION

European	:	1.68
Native	:	0.14
Coloured	:	-
Asiatic	:	0.68
All Non-European	:	0.34
ALL PERSONS	:	0.38

FORMS OF CANCER CAUSING DEATHS GIVEN IN AGE GROUPSRESIDENTS ONLY

	10 - 24				25 - 44				45 - 64				65 & Over			
	Eur.		N-Eur.		Eur.		N-Eur.		Eur.		N-Eur.		Eur.		N-Eur.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Cancer of :-																
0. Buccal Cavity	0	0	0	0	0	0	0	0	1	1	0	0	3	0	0	0
1. Oesophagus	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	0
2. Stomach & Duodenum	0	0	0	0	0	0	0	0	1	0	0	0	3	2	0	0
3. Rectum	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
4. Liver	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
5. Pancreas	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
6. Oth. digestive organs (inc. peritoneum)	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0
7. Larynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Mediastinum	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
9. Lung	0	0	0	0	0	0	0	0	1	0	0	0	3	1	0	0
0. Uterus	0	0	0	0	0	0	0	1	0	3	0	2	0	2	0	0
1. Oth. female genital organs	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
2. Breast	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0
3. Prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. Male & female urinary organs	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0
6. Skin	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
7. Brain & oth. parts of Nervous System	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
9. Oth. and unspecified organs	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
5. Tumours of undetermined nature -- Brain & oth. parts of Nervous System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Tumours of undetermined nature -- Oth. & unspecified organs	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
TOTAL :	0	0	0	1	1	1	0	1	7	8	3	3	15	10	1	0

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

Table 1

Table 1 shows the results of the experiment. The data is presented in a table with 10 columns and 10 rows. The first column is labeled 'Time' and the second column is labeled 'Distance'. The remaining columns are labeled 'Speed', 'Acceleration', 'Deceleration', 'Total Distance', 'Total Time', 'Average Speed', 'Average Acceleration', 'Average Deceleration', and 'Average Total Distance'. The data is presented in a table with 10 columns and 10 rows.

Table 2

Table 2 shows the results of the experiment. The data is presented in a table with 10 columns and 10 rows. The first column is labeled 'Time' and the second column is labeled 'Distance'. The remaining columns are labeled 'Speed', 'Acceleration', 'Deceleration', 'Total Distance', 'Total Time', 'Average Speed', 'Average Acceleration', 'Average Deceleration', and 'Average Total Distance'. The data is presented in a table with 10 columns and 10 rows.

Table 3

Table 3 shows the results of the experiment. The data is presented in a table with 10 columns and 10 rows. The first column is labeled 'Time' and the second column is labeled 'Distance'. The remaining columns are labeled 'Speed', 'Acceleration', 'Deceleration', 'Total Distance', 'Total Time', 'Average Speed', 'Average Acceleration', 'Average Deceleration', and 'Average Total Distance'. The data is presented in a table with 10 columns and 10 rows.

Table 4

Table 4 shows the results of the experiment. The data is presented in a table with 10 columns and 10 rows. The first column is labeled 'Time' and the second column is labeled 'Distance'. The remaining columns are labeled 'Speed', 'Acceleration', 'Deceleration', 'Total Distance', 'Total Time', 'Average Speed', 'Average Acceleration', 'Average Deceleration', and 'Average Total Distance'. The data is presented in a table with 10 columns and 10 rows.

DEATHS DUE TO BRONCHITIS AND PNEUMONIA.

(Code Nos. 492 - 496)

RESIDENTS : (Given in Months of the Year)

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	1	0	1	3	0	3	0	1	1	0	0	0	3	1	4
August	0	0	0	1	0	1	0	0	0	1	0	1	2	0	2
September	1	0	1	2	1	3	0	0	0	0	0	0	2	1	3
October	1	0	1	2	0	2	0	0	0	2	1	3	4	1	5
November	0	0	0	2	1	3	1	0	1	0	1	1	3	2	5
December	0	0	0	0	2	2	0	0	0	1	1	2	1	3	4
January	1	1	2	1	0	1	0	0	0	1	0	1	2	0	2
February	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
March	0	0	0	3	1	4	0	0	0	0	0	0	3	1	4
April	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
May	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
June	0	0	0	1	1	2	0	0	0	1	1	2	2	2	4
TOTAL :	4	1	5	17	8	25	1	1	2	6	4	10	24	13	37

RESIDENTS : (Given in Age Groups)

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	1	0	1	4	4	8	1	0	1	1	2	3	6	6	12
1 year	0	0	0	4	2	6	0	0	0	0	1	1	4	3	7
2 - 4 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
5 - 14 years	0	0	0	2	1	3	0	0	0	1	0	1	3	1	4
15 - 24 years	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
25 - 34 years	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
35 - 44 years	0	0	0	3	0	3	0	0	0	1	0	1	4	0	4
45 - 54 years	1	0	1	2	0	2	0	0	0	0	0	0	2	0	2
55 - 64 years	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
65 - 74 years	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1
75 and Over	1	1	2	1	0	1	0	1	1	0	0	0	1	1	2
TOTAL :	4	1	5	17	8	25	1	1	2	6	4	10	24	13	37

Bronchitis	1	1	2	1	1	2	0	0	0	0	0	0	1	1	2
Pneumonia	3	0	3	16	7	23	1	1	2	6	4	10	23	12	35
TOTAL :	4	1	5	17	8	25	1	1	2	6	4	10	24	13	37

DEATH RATES PER 1,000 POPULATION

BRONCHITIS: (Code Nos. 402 - 403)

PNEUMONIA: (Code Nos. 404 - 406)

European : 0.08
 Native : 0.14
 Coloured : -
 Asiatic : -
 All Non-European : 0.08

European : 0.12
 Native : 1.62
 Coloured : 0.82
 Asiatic : 0.97
 All Non-European : 1.30

ALL PERSONS : 0.08

ALL PERSONS : 0.73

DISEASES OF THE HEART AND CIRCULATORY SYSTEM.

(Code Nos. 350 - 368)

DEATHS IN AGE GROUPS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
- 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- 14 years	0	1	1	0	1	1	0	0	0	0	1	1	0	2	2
5 - 24 years	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2
5 - 34 years	1	1	2	0	1	1	0	1	1	1	1	2	1	3	4
5 - 44 years	0	0	0	2	1	3	0	0	0	1	1	2	3	2	5
5 - 54 years	6	1	7	2	1	3	0	0	0	1	0	1	3	1	4
5 - 64 years	10	6	16	1	2	3	0	1	1	5	1	6	6	4	10
5 - 74 years	16	11	27	5	3	8	0	1	1	3	2	5	8	6	14
75 and Over	12	12	24	1	2	3	0	0	0	1	0	1	2	2	4
TOTAL :	45	33	78	11	11	22	0	3	3	12	8	20	23	22	45

DEATH RATE (PER 1,000 POPULATION)

European	:	3.12
Native	:	1.55
Coloured	:	1.23
Asiatic	:	1.94
All Non-European	:	1.67
ALL PERSONS	:	2.37

DEATHS DUE TO DIARRHOEA AND ENTERITIS

(Under age of 2 years)

(Code No. 458)

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
August	0	0	0	0	1	1	2	0	2	0	0	0	2	1	3
September	0	0	0	0	1	1	0	0	0	1	0	1	1	1	2
October	0	0	0	0	1	1	0	0	0	0	2	2	0	3	3
November	0	0	0	2	0	2	0	0	0	2	0	2	4	0	4
December	0	0	0	3	1	4	0	0	0	0	1	1	3	2	5
January	0	0	0	1	0	1	0	0	0	1	0	1	2	0	2
February	0	0	0	0	0	0	0	1	1	1	0	1	1	1	2
March	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
April	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
May	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
June	0	0	0	1	0	1	0	0	0	0	1	1	1	1	2
TOTAL :	0	0	0	9	5	14	2	1	3	6	5	11	17	11	28

DISTRICTS OF RESIDENCE OF CASES OF ENTERIC FEVER AND TUBERCULOSIS

	Notifications of Enteric Fever	Deaths from Tuberculosis
M. Burg Central	37	30
Marikop Valley	1	0
Tembley	0	0
Cottsville (in water supply area)	6	3
Cottsville (outside water supply area)	0	0
Mountain Rise	2	3
Entrich (in water supply area)	3	9
Entrich (outside water supply area)	1	1
Base and Town Bush Valleys	2	7
Native Village	8	5
Mathorn's Hill	0	1
Asiatic Housing Scheme	1	1
No fixed abode	0	1
TOTAL :	61	61

TUBERCULOSIS CLINIC

July 1st, 1945, to June 30th, 1946.

	European						Native						Coloured						Asiatic						Total					
	Bor.			O/B			Bor.			O/B			Bor.			O/B			Bor.			O/B			Bor.			O/B		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total			
New Cases	14	17	-	1	176	53	13	20	7	11	-	-	-	96	54	37	9	293	135	110	30									
Total Attendances	32	44	-	1	425	129	181	22	8	26	1	-	-	219	112	58	14	684	311	240	37									
Sputa Examined	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-								
Sputa Positive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
X-Ray Examinations	24	26	-	1	166	58	61	14	6	18	1	-	-	107	62	37	10	303	164	99	25									
" Positive	6	10	-	1	33	20	19	13	9	8	4	-	-	33	14	5	3	81	52	28	17									
Positive Diagnosis made	-	-	-	-	2	2	2	-	-	-	-	-	-	2	-	-	-	4	2	2	-									
Admitted to Hospital from Clinic	-	-	-	-	2	1	1	-	-	-	-	-	-	1	3	-	-	3	4	1	-									
Contacts Examined	4	1	-	-	15	15	-	1	1	6	-	-	-	28	24	9	5	48	46	9	6									
Borough Cases	EUROPEAN						NATIVE						COLOURED						ASIATIC						TOTAL					
	9						19						2						7						37					
Admitted to Grey's Hospital and King George V Hospital	173						1524						133						526						2356					
	9						19						2						7						37					
Home Visits to Tuberculous and their contacts (Borough cases only)	173						1524						133						526						2356					
	173						1524						133						526						2356					

VENEREAL DISEASE. Cont'd.

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1946.

NATIVE	A Transferred to Hospital						B New Cases						C Transferred from Hospital & Oth. Clinics						D Undergoing Course II of Treatment						E Undergoing Course III of Treatment						F Undergoing Course IV of Treatment						G Undergoing Course V of Treatment						H Total Attendances																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	O/B			Bor.			O/B			Bor.			O/B			Bor.			O/B			Bor.			O/B			Bor.			O/B			Bor.			O/B			Bor.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F

19. Discharged on Probation : Borough : Male 136 Female 54 O/Borough : Male 81 Female 104

20. Discharged Finally. Cured : Borough : Male 92 Female 39 O/Borough : Male 45 Female 113

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1946.

COLOURED	A Transferred to Hospital				B New Cases				C Transferred from Hospital & Oth. Clinics				D Undergoing Course II of Treatment				E Undergoing Course III of Treatment				F Undergoing Course IV of Treatment				G Undergoing Course V of Treatment				H Total Attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
1.			1						1	2	1	2																				
2.																																
3.									1	3	2		1	12																		
4.																																
5.					1	1			34	1	7	4	56	13	18		5	4	4	43	18	15	4	46	39	33						
6.																																
7.					1					1			2				1															
8.					1					1	1				4		4															
9.							1	3																								
10.																																
11.																																
12.																																
13.																																
14.																																
15.																																
16.																																
17.					3	8	2	3																								
18.																																
TOTAL	0	0	1	0	6	9	2	4	7	40	6	13	6	59	13	34	0	82	5	13	6	50	27	25	8	47	46	33	104	395	119	221

19. Discharged on Probation.

Borough : Male 4 Female 14 O/Borough : Male 4 Female 6

20. Discharged Finally.

Cured. Borough : Male 2 Female 5 O/Borough : Male 3 Female 2

VENEREAL DISEASE. Cont'd.

CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1946.

ASIATIC	A Transferred to Hospital				B New Cases				C Transferred from Hospital & Oth. Clinics				D Undergoing Course II of Treatment				E Undergoing Course III of Treatment				F Undergoing Course IV of Treatment				G Undergoing Course V of Treatment				H Total Attendances			
	O/B		M/F		O/B		M/F		O/B		M/F		O/B		M/F		O/E		O/B		O/B		O/B		O/B		O/B		O/B			
	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F	Bor.	M	F		
1.	1																															
2.	1	1			1	2			1																							
3.																																
4.	1				2																											
5.					2	1	1	1	2	3																						
6.																																
7.					1				1																							
8.					1	1			1																							
9.					1				1	1																						
10.																																
11.																																
12.																																
13.																																
14.																																
15.																																
16.																																
17.	1				18	15	4	6	7	3	1	1																				
18.																																
TOTAL	3	0	1	0	26	18	7	7	21	14	2	9	87	142	1	34	31	78	0	7	30	27	0	22	27	51	2	14	433	470	148	137

19. Discharged on Probation.

Borough :

Male 17

Female 13

O/Borough

:

Male 6

Female 4

20. Discharged Finally.

Borough :

Male 6

Female 6

O/Borough

:

Male 3

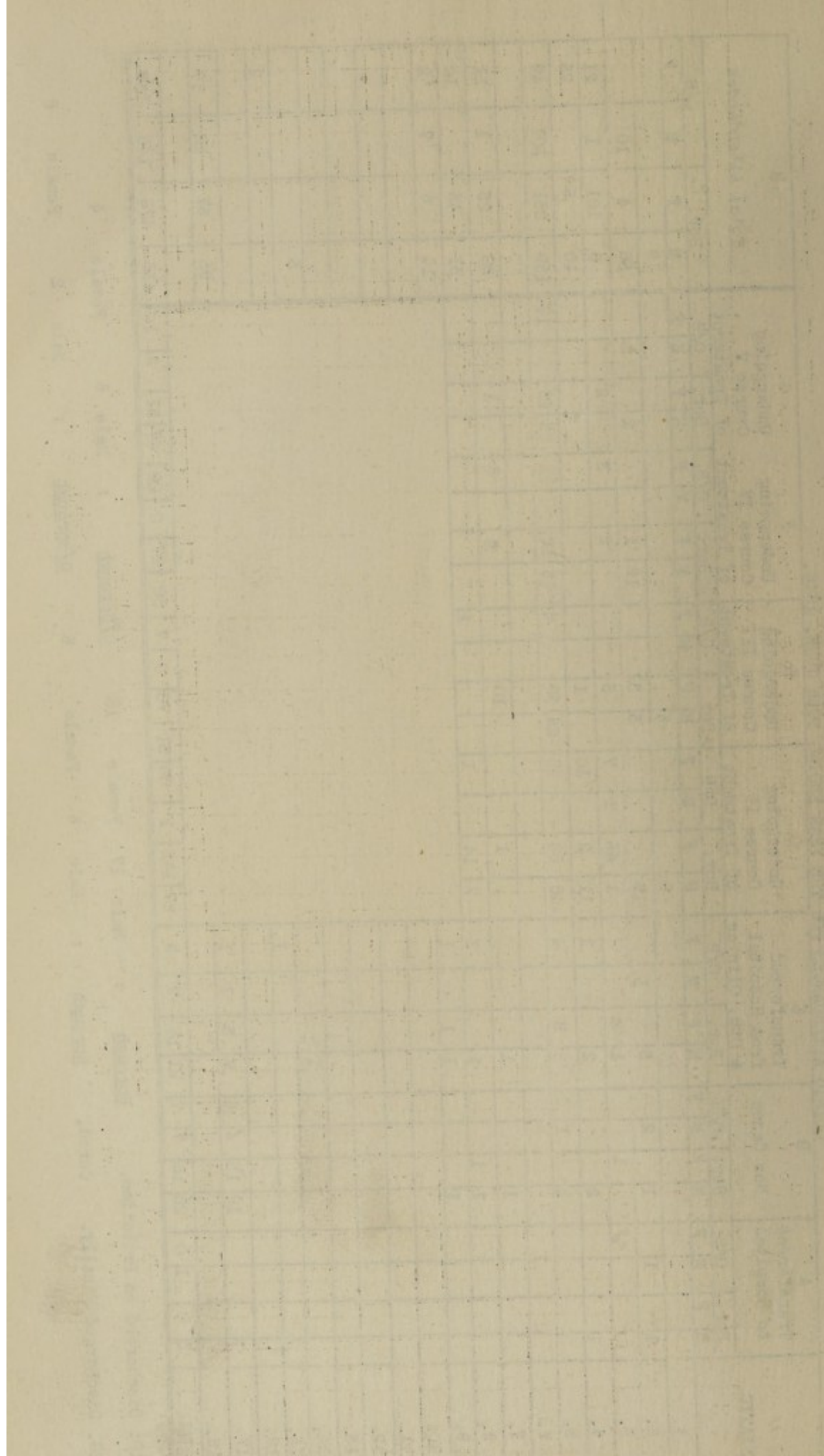
Female 2

O/Borough

:

Male 6

Female 6



EPIDEMIC (V.D.) HOSPITAL RETURNS

YEAR ENDING 30th JUNE, 1946.

VENEREAL DISEASE. Cont'd.

NATIVES	Discharged or Absconded or Died after treatment of Duration																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	A						B						C						0 - 14 Days						15 - 28 Days						29 - 42 Days						43 - 56 Days						57 + Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	In Hospital			last day of			precdg. year			Admitted from			Pass Office			& Gaol			Admitted Vol-			untary & from			V.C. Clinic			D			E			F			G			H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F	O/B	Bor.	M	F

No. of admissions during Year.

Male : 382 Female : 120

O/B 653

Bor. 712

Bor. O/B
Male Fem. Male Fem.No. of discharges, etc.
during Year.

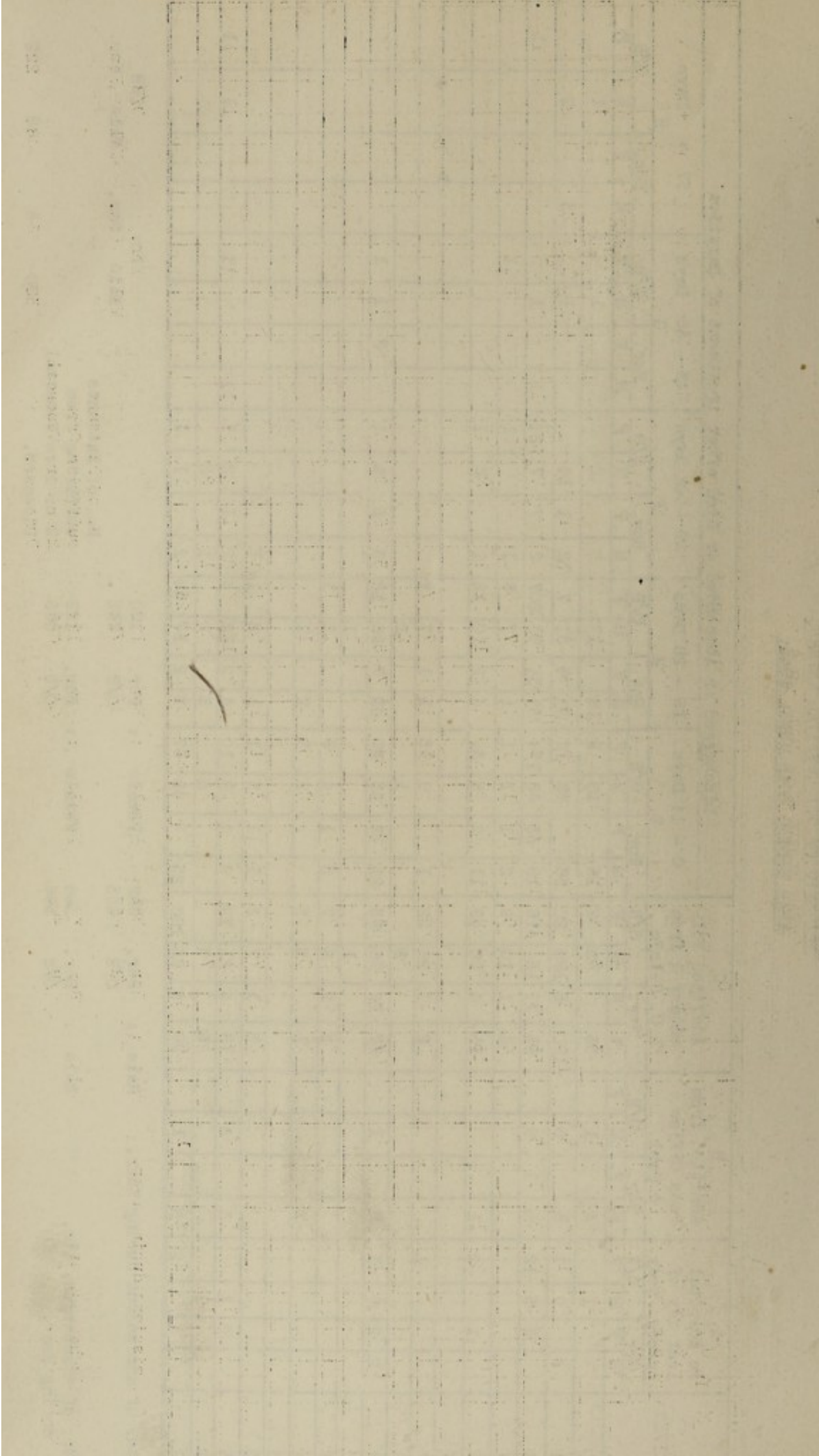
Male : 366 Female : 129

O/B 596

Bor. 695

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

30 6 48 22



EPIDEMIC (V.D.) HOSPITAL RETURNS
YEAR ENDING 30th JUNE, 1946.

COLOURS	A		B		C				Discharged or Absconded or Died after Treatment of Duration							
	In Hospital		Admitted from		Admitted Vol-				0 - 14 Days		15 - 28 Days		29 - 42 Days		43 - 46 Days	
	Bor.	O/B	Bor.	O/B	Bor.	O/B	Bor.	O/B	D	O/B	E	O/B	F	O/B	G	H
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1																
2																
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6																
7																
8																
9																
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No. of admissions during year

No. of discharges during year

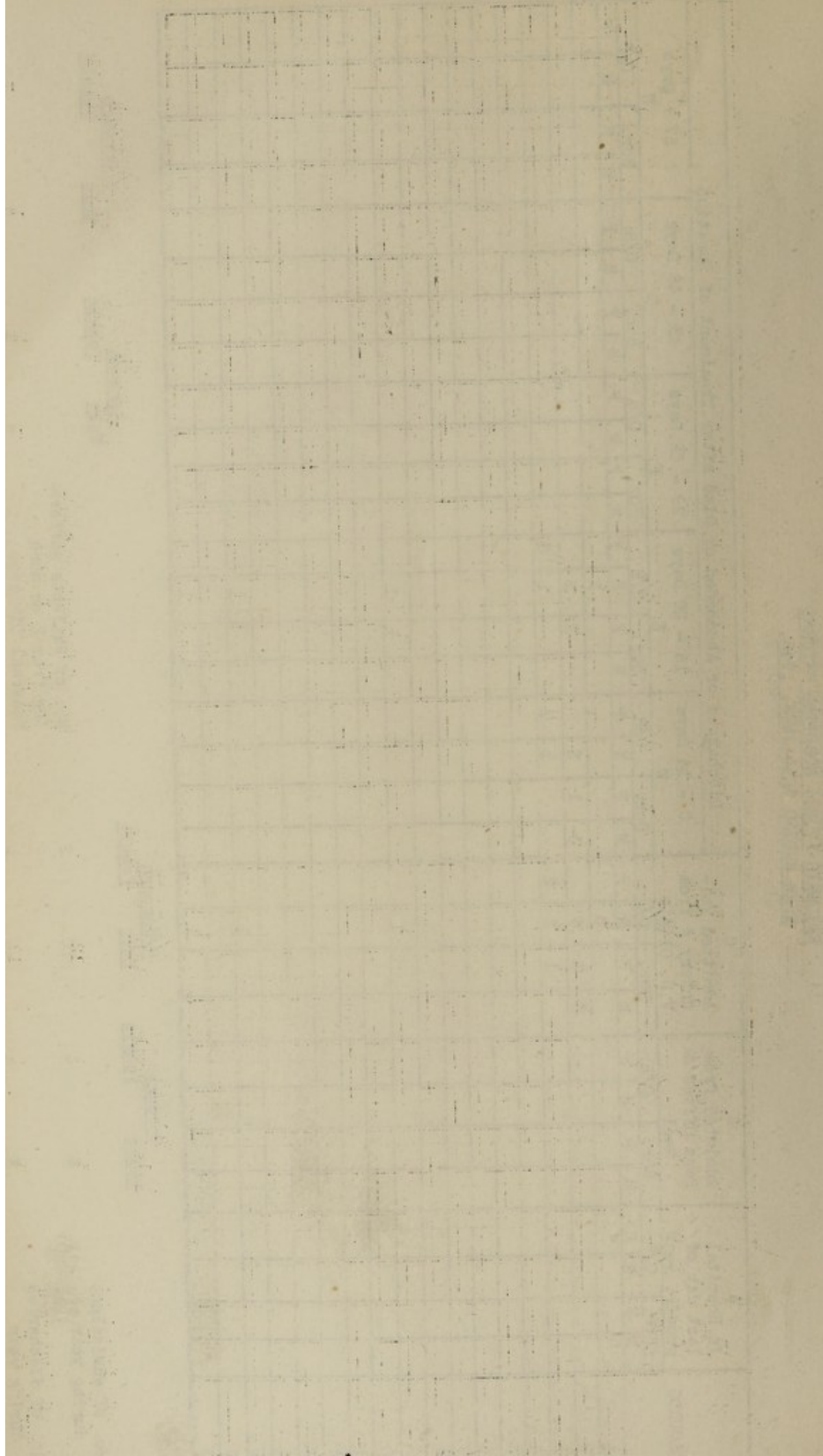
Borough		O/Borough	
Males	Females	Male	Female

Borough		O/Borough	
Male	Female	Male	Female

No. of Patients suffering from 2 or more Venereal Diseases

3	4	12	2
3	4	12	2

-	-	1	1
---	---	---	---



VENEREAL DISEASE. Cont'd.

EPIDEMIC (V.D.) HOSPITAL RETURNS
YEAR ENDING 30th JUNE, 1946.

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

Borough	O/Borough
Male	Female

Borough	O/Borough
Male	Female

No. of admissions
during yearNo. of discharges
during yearNo. of Patients suffering
from 2 or more Venereal
Diseases

0	0	0	0
---	---	---	---

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

YEAR ENDING 30th June, 1946.

	STAGE OF PREGNANCY																	
	1 - 3 months						4 - 6 months						7 - 9 months					
	Eur.		Nat.		Col.		Eur.		Nat.		Col.		Eur.		Nat.		Col.	
	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B
No. of Pregnant women submitted to Serological Test	-	-	-	6	-	-	1	-	-	-	4	17	3	2	-	1	-	-
No. of Positive or doubtful Reactors	-	-	-	2	-	-	-	-	-	-	11	21	1	-	-	-	28	64
No. of those who had previously received treatment	-	-	2	3	1	-	-	-	-	3	10	2	1	1	-	-	15	16
No. undergoing a First course of treatment during pregnancy	-	-	-	3	-	-	-	-	-	5	12	1	1	1	-	-	14	32
No. undergoing a 2nd or 3rd course of treatment during pregnancy	-	-	1	3	1	-	1	-	-	3	6	1	1	1	-	-	4	4

VENEREAL DISEASE. Cont'd.KEY TO VENEREAL DISEASE CLINIC AND HOSPITAL RETURNS

1. Seronegative Primary Syphilis.
2. Seropositive Primary Syphilis.
3. Secondary Syphilis.
4. Tertiary Syphilis (clinical).
5. Endosyphilis (Serological).
6. Neurosyphilis.
7. Congenital Syphilis under 1 year.
8. Congenital Syphilis over 1 year.
9. Gonorrhoea.
10. Gonococcal Vulvo Vaginitis.
11. Gonococcal Ophthalmia.
12. Ulcus Molle.
13. Lymphopathia Venereum.
14. Granuloma Venereum.
15. Venereal Warts.
16. Phagedaena.
17. Suspected Venereal Disease which proved Non-Venereal.
18. Suffering from 2 or more venereal diseases.

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

MALE : 38

FEMALE : 27

TOTAL : 65

VENEREAL DISEASE HOME VISITS

European		Native		Coloured		Asiatic		Total
M	F	M	F	M	F	M	F	M : F : PERSONS
35	25	1240	1043	38	199	104	180	1417 : 1447 : 2864

THE HISTORY OF THE

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3. The third part of the history is the

4. The fourth part of the history is the

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THE HISTORY OF THE

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THE HISTORY OF THE

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

ISOLATION HOSPITAL (EUROPEAN) AND NON-EUROPEAN INFECTIOUS
DISEASES HOSPITAL CASES ADMITTED JULY 1st, 1945, to JUNE
30th, 1946.

	Borough Cases					Out-of-Borough Cases					Total Cases Borough & Out/ Borough
	E	N	C	A	Total	E	N	C	A	Total	
Scarlet Fever	33	-	-	-	33	3	-	-	-	3	36
Measles	28	9	2	3	42	2	37	-	-	39	81
Diphtheria	41	10	5	10	66	20	25	-	6	51	116
Mumps	3	3	-	-	6	-	3	-	-	3	9
Whooping Cough	-	4	-	1	5	-	13	-	-	13	18
Chicken Pox	50	15	-	-	65	-	9	-	-	9	74
Meningitis (C.S.F.)	-	3	-	-	3	-	6	-	-	6	9
Meningitis (Tubercular)	-	-	-	-	-	-	2	-	-	2	2
Erysipelas	1	-	-	-	1	1	-	-	1	2	3
German Measles	8	-	-	-	8	-	-	-	-	-	8
Diphtheria (of skin)	1	-	-	-	1	-	1	-	-	1	2
Pulmonary Tuberculosis	-	13	6	16	35	-	7	-	2	9	44
Congenital Syphilis & Thrush	-	-	-	-	-	-	1	-	-	1	1
Leprosy	-	-	-	-	-	-	2	-	-	2	2
Pemphigus	-	-	-	-	-	-	1	-	-	1	1
Trachoma	-	-	-	-	-	-	2	-	-	2	2
Tick Bite Fever	-	-	-	-	-	1	-	-	-	1	1
Pneumonia & Dysentery	-	1	-	-	1	-	-	-	-	-	1
Amoebic Dysentery	1	2	1	1	5	-	1	-	1	2	7
Typhoid Fever	-	4	-	2	6	-	2	-	-	2	8
Typhoid Carrier	-	1	-	1	2	-	-	-	-	-	2
Scabies	-	1	-	-	1	-	-	-	-	-	1
Boarder	-	-	-	-	-	-	2	-	-	2	2
TOTAL	166	66	14	34	280	27	114	-	10	151	431

ISOLATION HOSPITAL AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL.

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

BOROUGH CASES.

- In 2 cases (Eur.) diagnosis Scarlet Fever altered to Toxic Erythema.
- In 1 case (Eur.) diagnosis " " altered to Tonsillitis.
- In 1 case (Eur.) diagnosis " " altered to Allergy.
- In 3 cases (Eur.) diagnosis " " altered to German Measles.
- In 3 cases (2 Eur., 1 Nat.) diagnosis Diphtheria altered to Acute Tonsillitis.
- In 4 cases (Eur.) diagnosis Diphtheria altered to Acute Pharyngitis.
- In 1 case (Nat.) diagnosis " altered to Capillary Bronchiolitis.
- In 1 case (Eur.) diagnosis " altered to Laryngitis.
- In 1 case (Eur.) diagnosis " altered to Stomatitis.
- In 2 cases (1 Eur., 1 As.) diagnosis Diphtheria altered to Diphtheroids.
- In 1 case (As.) diagnosis Diphtheria (of vulva) altered to Urethrocoete.
- In 1 case (Nat.) diagnosis Chicken Pox altered to Smallpox.
- In 1 case (Eur.) diagnosis German Measles altered to Pharyngitis.
- In 1 case (Nat.) diagnosis Scabies altered to Impetigo.
- In 1 case (Eur.) diagnosis Measles altered to German Measles.
- In 1 case (Nat.) diagnosis Typhoid Fever altered to Gastritis.
- In 1 case (Nat.) diagnosis Typhoid Carrier altered to "Not a Carrier".
- In 1 case (Nat.) diagnosis Whooping Cough altered to Bronchitis.
- In 1 case (Nat.) diagnosis " " altered to Pneumonia.

OUT-OF-BOROUGH CASES.

- In 1 case (Nat.) diagnosis Typhoid Fever altered to Typhus Fever.
- In 1 case (Nat.) diagnosis Diphtheritic Ulcer altered to Lymphogranuloma Inguinale.
- In 6 cases (1 Eur., 3 Nat., 2 As.) diagnosis Diphtheria altered to Diphtheroids.
- In 1 case (Nat.) diagnosis Diphtheria altered to T.B. Meningitis.
- In 1 case (Nat.) diagnosis " altered to Acute Bronchitis.
- In 2 cases (Nat.) diagnosis " altered to Laryngitis.
- In 1 case (Nat.) diagnosis " altered to Syphilitic Laryngitis.
- In 1 case (Eur.) diagnosis " altered to Vincent's angina.
- In 1 case (Nat.) diagnosis " altered to Chronic Pulmonary Arthropathy.
- In 1 case (Nat.) diagnosis " altered to Stomatitis.
- In 1 case (Nat.) diagnosis " altered to Bronchial Tumour.
- In 1 case (Nat.) diagnosis " altered to Measles and Thrush.
- In 3 cases (2 Eur., 1 Nat.) diagnosis Diphtheria altered to Tonsillitis.
- In 1 case (Nat.) diagnosis Leprosy altered to Capillary Angioma.
- In 3 cases (Nat.) diagnosis Measles altered to Scabies.
- In 1 case (Nat.) diagnosis Whooping Cough altered to Pharyngitis.

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INFANT WELFARE.1. INFANT CLINICS.

	European	Native	Coloured	Asiatic
NEW CASES : Under 1 Year	363	144	91	157
Over 1 Year	30	7	7	7
<u>OTHER ATTENDANCES</u>				
Under 1 Year	4780	2027	678	2193
Over 1 Year	1086	665	299	684
Total:	6259	2843	1075	3041
Number on Register	712	265	150	268
Average Attendance per person	8.8	10.0	7.2	11.4

2. HOME VISITS.

	European	Native	Coloured	Asiatic	Total
Ante-Natal	10	44	44	402	500
First Visits - (Notified births)	206	171	80	440	897
Re-visits - 1 year	336	1751	259	1497	3843
Re-visits - 1 - 6 years	364	1348	621	1736	4069
Infectious Disease (Non-T.B.)	187	248	33	162	630
Protected Infants	10	20	20	38	88
Confinement Visits	0	90	0	0	90
Infantile Mortality Visits	14	24	8	10	56
Nursing Home Visits	7	0	0	0	7
TOTAL :	1134	3696	1065	4285	10,180

3. MILK DISTRIBUTED.

	European	Native	Coloured	Asiatic	Total
Fresh - Pints	3,829	6,088	2,231	10,722	22,870
Dried - lbs.	0	18	4	22	0

FOODSTUFFS.1. MILK.Bacteriological Examination

Samples with less than 30, 000 bacteria per c.c. :	24	(inc. 1 Pasteurised)
" " between 30,000 and 200,000 bacteria per c.c. :	17	(" 1 Pasteurised)
" " more than 200,000 bacteria per c.c. :	30	(" 2 Pasteurised)
	—	
Total :	71	(inc. 4 Pasteurised)
	—	

Samples with B. Coli present in 1/100 c.c. or less :	42	(inc. 2 Pasteurised)
" " B. Coli " in 1/10 but not in 1/100 c. c. :	10	
" " B. Coli absent in 1/10 c. c. or more :	19	(inc. 2 Pasteurised)
	—	
Total :	71	(inc. 4 Pasteurised)
	—	

Chemical Examination (by Government Analyst)

Samples with Solids-Not-Fat 8.5% and over :	29	
" " " " " over 8% and under 8.5% :	6	
" Sour on arrival :	4	
	—	
Total :	39	
	—	
Samples with Butter Fat over 3% :	38	
" " " " " 3% :	1	
	—	
Total :	39	
	—	

1. The first part of the report is devoted to a general survey of the situation in the country. It is a very interesting and valuable contribution to the knowledge of the country and its people.

2. The second part of the report is devoted to a detailed study of the economic situation in the country. It is a very interesting and valuable contribution to the knowledge of the country and its people.

3. The third part of the report is devoted to a detailed study of the social situation in the country. It is a very interesting and valuable contribution to the knowledge of the country and its people.

4. The fourth part of the report is devoted to a detailed study of the political situation in the country. It is a very interesting and valuable contribution to the knowledge of the country and its people.

FOODSTUFFS. Cont'd.2. ICE CREAM :

Samples of Ice Cream conforming to Standard	:	1
" " " " not " " "	:	0
		—
Total	:	1
		—

3. SAUSAGE :

Samples of Sausage conforming to standard	:	4
" " " not " " "	:	2
		—
Total	:	6
		—

4. MEAT :

Samples of Mince Meat conforming to standard	:	6
" " " not " " "	:	0
		—
Total	:	6
		—

1. The first of these is the fact that the

the second is the fact that the

the third is the fact that the

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the twenty-fourth is the fact that the

FOODSTUFFS. Cont'd.5. WATERS. (Bacteriological examination by Bio-Chemist - City Engineer's Department)

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

MUNICIPAL WATER SUPPLY.

<u>Probable No. of Organisms</u> <u>in 100 c.c.</u>	<u>No. of Samples</u>
0	194
1	52
2	40
3	25
Total :	311

MUNICIPAL SWIMMING BATHS.

<u>Probable No. of Organisms</u> <u>in 100 c.c.</u>	<u>No. of Samples</u>
0	53

OTHER SWIMMING BATHS.

<u>Probable No. of Organisms</u> <u>in 100 c.c.</u>	<u>No. of Samples</u>
0	44
1	3
3	1
6	1
16	1
Total :	50

OTHER SAMPLES TAKEN.

<u>Probable No. of Organisms</u> <u>in 100 c.c.</u>	<u>No. of Samples</u>
0	15
2	1
4	1
6	1
9	1
16	3
18	7
Total :	29

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FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION

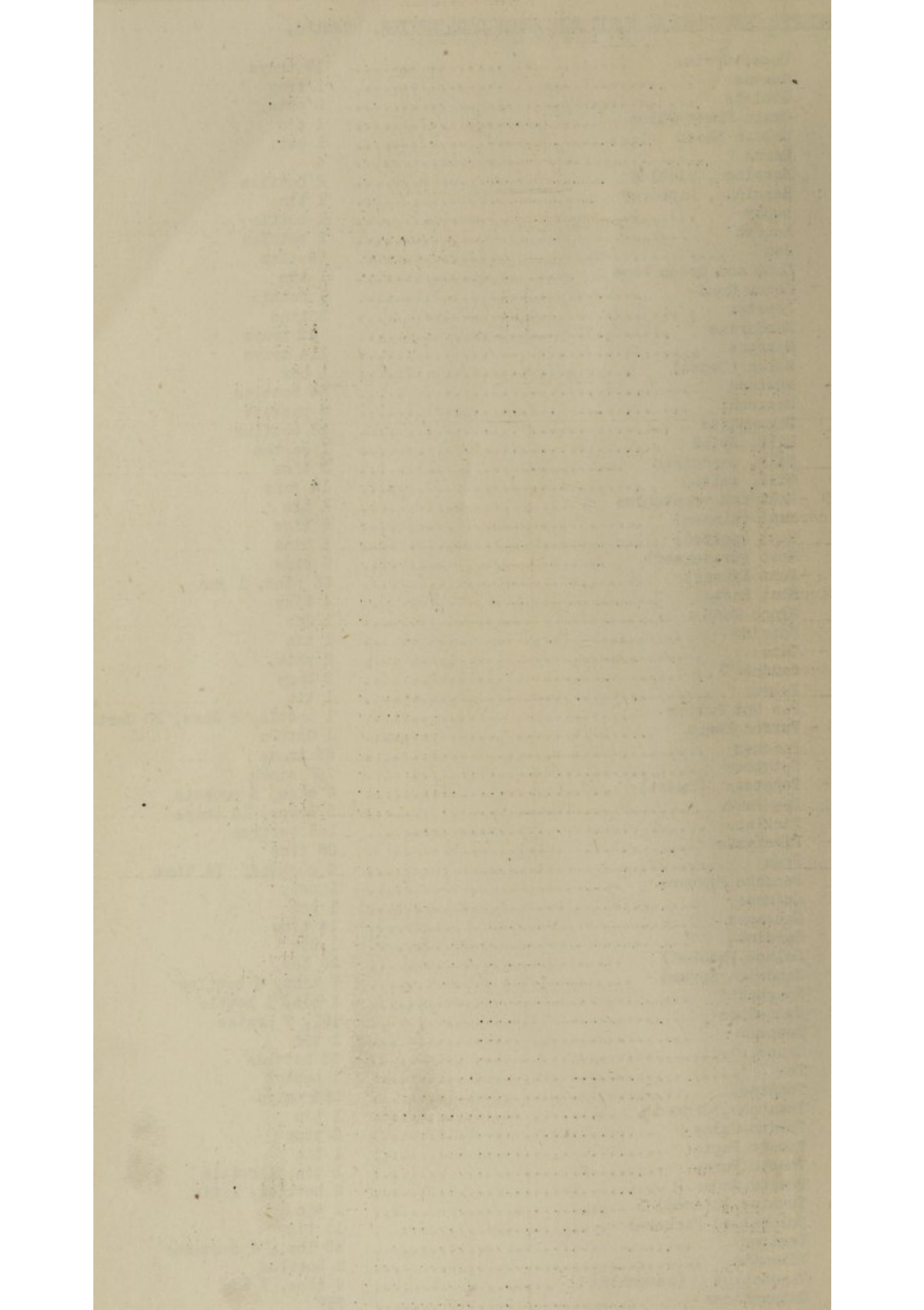
The following foodstuffs were inspected and condemned in the Municipal Market and in Shops within the Borough :-

Apricots	2 Trays
Apple Juice	1 bottle
Beef (Pressed)	3 tins
Beef (Corned)	2 tins
Beetroot	1 Crate
Beetroot (Dried)	1 tin
Beans	6 Pockets, 12 bags
Beans (Baked)	4 tins
Beans (Tinned)	1 tin
Bananas	1 box, 1 Crate, 5 trays
Bringal	80 Pockets
Boer Meal	1 packet
Baking Powder	1 tin
Betal Leaves	3 packages
Cabbages	60½ sacks
Cooking Fat	1 lb.
Cucumber	27 Pockets, 20 bags.
Cafe-au-Lait	1 tin
Cane Syrup	7 tins
Cheese Paste	3 jars
Custard Powder	3 tins
Carrots	61 tins
Chutney	3 bottles
Cornflour	1 packet
Chillies	20 Pockets
Duck (Dressed)	17
Eggs	28 doz., 1 case
Fowls (Dressed)	47
Fowls (Not Dressed)	1
Fowls (Live)	1
Fowls (Guinea)	2
Fish Paste	4 tins
Fillet	36 cases
Fish Liver Oil	10 jars
Fish (Fresh)	145 lbs., 74 cases
Fish Oil and Malt	1 bottle
Fish (Tinned)	6 tins
Fish Bales	2 tins
Fruit - tinned	36 tins

/Gooseberries ..

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

Gooseberries	19 trays
Guavas	1 tray
GIBLETS	2 pkts.
Grape Fruit Juice	1 tin
Golden Wheat	1 pkt.
Hares	4
Herrings, pickled	2 bottles
Herrings, kippered	1 tin
Honey	1 bottle
Konfyt	2 bottles
Jam	69 tins
Lamb and Green Peas	1 tin
Lemon Curd	1 bottle
Lobster	2 tins
Mandarins	42 trays
Mangoes	114 trays
Melon (Sweet)	1 box
Mustard	34 bottles
Macaroni	3 packets
Mayonnaise	28 bottles
Milk, dried	1 carton
Milk, condensed	3 tins
Milk, malted	12 jars
Meat and vegetables	1 tin
Meat (tinned)	9 tins
Meat (potted)	8 tins
Meat (preserved)	6 tins
Meat Extract	55 tins, 1 jar
Meat Paste	4 tins
Mince Meat	1 Jar
Nutrine	1 tin
Oats	2 pkts.
Onions	2 bags
Pepper	1 tin
Pea Nut Butter	1 bottle, 3 Jars, 10 Cartons
Puffed Wheat	1 Carton
Peaches	65 trays
Potatoes	206 sacks
Potatoes (Sweet)	6 bags, 3 pockets
Paw-Paws	8 boxes, 15 trays
Pickles	165 bottles
Pilchards	29 tins
Peas	5 pockets, 14 tins
Pancake Mixture	1 pkt.
Quinces	1 box
Sausages	14 tins
Sardines	1 tin
Salmon (smoked)	25 lbs.
Sandwich Spread	7 tins, 4 bottles
Spaghetti	1 tin, 1 bottle
Spon-Spec	161, 7 Crates
Soupmix	1 tin
Sauce	38 bottles
Tea	1 packet
Tomatoes	264 trays
Tomatoes, Canned	1 tin
Tomato Juice	2 tins
Tomato Paste	1 tin
Tomato Puree	1 tin, 1 bottle
Tomato Sauce	2 bottles, 1 tin
Turnips (tinned)	1 tin
Unlabelled Packages	15 tins
Venison	48 lbs., 4 carcasses
Vitamite	2 bottles
Vegetables (Assorted)	4 tins, 1 bag
Watermelons	847
Xmas Puddings	2 cases



ABATTOIR1. ANIMALS SLAUGHTERED:

Cattle	:	11,091
Calves	:	5,076
Sheep	:	27,919
Pigs	:	3,947
Goats	:	413
Total	:	48,446

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS:

Quarters Beef	:	11,368
Carcases Mutton	:	3,527
Carcases Pork	:	-
Carcases Veal	:	-
Carcases Goat	:	-

3. INCIDENCE OF CERTAIN DISEASES

	Carcases Examined	% Infected	Carcases Condemned	% Condemned
CATTLE - "Measles" (Cysticercus Bovis)	11,091	7.73%	101	0.91%
CALVES - "Measles" (Cysticercus Bovis)	5,076	4.98%	66	1.30%
PIGS - "Measles" (Cysticercus Cellulosae)	3,947	2.96%	102	2.58%
CATTLE - Tuberculosis	11,091	0.40%	30	0.27%
CALVES - Tuberculosis	5,076	.01%	1	.01%
PIGS - Tuberculosis	3,947	1.92%	1	0.03%

4. SUMMARY OF MEAT CONDEMNED:

	Carcases	Approx. Weight
BEEF	192	88,265 lbs.
BEEF : Portions of Carcases, Organs etc.	-	148,215 lbs.
VEAL	177	7,095 lbs.
VEAL : Portions of Carcases, Organs etc.	-	750 lbs.
PORK	124	12,865 lbs.
PORK : Organs, etc.	-	3,180 lbs.
MUTTON	75	1,985 lbs.
MUTTON : Organs, etc.	-	22,280 lbs.
		284,635 lbs.

1. The first part of the report is a general description of the project and its objectives. This section should provide a clear and concise overview of the work that has been done and the results that have been achieved.

2. The second part of the report is a detailed description of the methods used in the study. This section should provide a clear and concise overview of the experimental design, the data collection methods, and the statistical analysis that was used to interpret the results.

Table 1: Summary of Results				
Parameter	Value	Unit	Standard Deviation	Significance Level
Mean	10.5	g	2.5	0.05
Standard Error	0.5	g	0.1	0.05
Confidence Interval	9.5 - 11.5	g	0.5	0.05
Correlation Coefficient	0.8		0.1	0.05
Regression Coefficient	0.5		0.1	0.05
Intercept	10.0		0.1	0.05
Adjusted R-squared	0.7		0.1	0.05
F-statistic	16.0		0.1	0.05
p-value	0.001		0.1	0.05

3. The third part of the report is a discussion of the results and their implications. This section should provide a clear and concise overview of the findings of the study and their potential applications. It should also discuss the limitations of the study and the need for further research.

4. The fourth part of the report is a conclusion. This section should provide a clear and concise overview of the main findings of the study and the overall conclusions that can be drawn from the data.

ABATTOIR. Cont'd.

MEAT CONDEMNED (Approximate Weight)

Statement of Carcases and Meat found to be affected with
disease and unfit for human consumption : 1.7.45 -
30.6.46.

	BOVINES			PIGS			SHEEP AND GOATS		
	Condemned			Condemned			Condemned		
	Car- cases Infec- ted	Whole Car- cases	Por- tions of Car- cases Approx. Weight	Car- cases infec- ted	Whole Car- cases	Por- tions of Car- cases Approx. Weight	Car- cases Infec- ted	Whole Car- cases	Portions of Carcases Approx. Weight
Actinomycosis	91	-	4,365	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	-
Gasles (Veal)	253	66	750	-	-	-	-	-	-
" (Beef)	858	101	113,360	117	102	100	-	-	-
East Coast Fever	1	1	-	-	-	-	-	-	-
Lymphadenitis	-	-	-	-	-	-	19	19	-
Malignant Tumours	7	7	-	-	-	-	2	2	-
Orchitis	4	4	-	-	-	-	-	-	-
Prostatitis	2	2	-	-	-	-	-	-	-
Pneumonia - Veal	6	6	-	3	3	-	2	2	-
" Beef	2	2	-	-	-	-	-	-	-
Pyæmia - Veal	16	16	-	2	2	-	-	-	-
Beef	6	6	-	-	-	-	-	-	-
Sarcocysts	1	1	-	9	9	-	-	-	-
Septicaemia (Veal)	1	1	-	2	2	-	-	-	-
Tuberculosis (Veal)	1	1	-	-	-	-	-	-	-
(Beef)	45	30	850	76	1	955	-	-	-
Septicæmia	-	-	-	-	-	-	2	2	-
Truising (Veal)	1	1	-	-	-	225	5	5	81
(Beef)	5	5	4,180	-	-	-	-	-	-
Decomposition	7	7	2,960	-	-	-	-	-	-
Overfed	-	-	-	-	-	-	2	2	-
Still Sickness	1	1	-	-	-	-	-	-	-
Swelling & Oedema (Veal)	45	45	-	4	4	-	42	42	-
(Beef)	23	23	-	-	-	-	-	-	-
Tetanus (Veal)	1	1	-	-	-	-	-	-	-
Immaturity (Veal)	20	20	-	-	-	-	-	-	-
Wundice (Veal)	20	20	-	-	-	-	-	-	-
Nephritis	-	-	-	1	1	-	1	1	-
Various	-	-	22,500	-	-	1,900	-	-	22,200

LICENCE APPLICATION

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

	1	2	3	4	5	6	7	8	9	10	11	12
Applications received	121	12	2	15	21	2	9	219	8	23	3	200
Applications approved without conditions	91	7	2	9	14	0	7	174	4	17	1	176
Applications approved subject to conditions since carried out	27	3	0	6	7	2	2	39	2	5	2	19
Applications withdrawn	0	1	0	0	0	0	0	0	0	0	0	0
Applications in abeyance	1	1	0	0	0	0	0	3	1	1	0	1
Applications not in order	2	0	0	0	0	0	0	3	1	0	0	4

KEY TO ABOVE TABLE :-

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

(Owing to alterations in the Municipal Licences Ordinance)
 (No. 19/1942 and in the Municipal Trade Licence By-Laws,
 the routine renewal of all trade licences is no longer)
 (submitted to this Department by the Licensing Officer.)

- (2) Applications dealt with under Urban Areas Act.

Applications Received	24
Applications Returned "Not in Order" ..	0
Applications Approved Subject to conditions	2
Applications Approved for Temporary Licence	22

SECRET U.S. DEPARTMENT OF THE ARMY HEADQUARTERS, ARMY AIR FORCE WASHINGTON, D.C.

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

SECRET

U.S. DEPARTMENT OF THE ARMY

HEADQUARTERS, ARMY AIR FORCE

WASHINGTON, D.C.

1. The purpose of this document is to provide information regarding the operations of the Army Air Force.

2. This document is classified as SECRET.

3. The information contained herein is for the use of personnel only.

4. The information contained herein is for the use of personnel only.

5. The information contained herein is for the use of personnel only.

SANITATION

Total of Inspections (General) carried out	9,642
Total of Rodent Inspections	1,078
Total of Notices and Letters served re Contravention of By-Laws	1,259

INSPECTION (GENERAL) GIVEN IN DETAIL 1.7.45 to 30.6.46.

1. Public Markets	301
2. Butchers' Shops	89
3. Dealers and General Dealers (Food)	458
4. Dealers and General Dealers (No Food)	43
5. Fish and Poultry Shops	56
6. Bakers' Shops (without Bakehouse)	11
7. Bakehouses	21
8. Milkshops (Purveyors of Milk)	54
9. Ice Cream (Purveyors and Manufacturers of)	9
10. Tea Shops, Cafes, Restaurants and Eating Houses	136
11. Residential Hotels, Boarding Houses	9
12. Aerated Water Manufacturers	6
13. Other places where food is manufactured	0
14. Hawkers' Premises	1
15. Hawkers' Carts	0
16. Butchers' Carts and Carriers	0
17. Milk Delivery Carts	1
18. Bakers' Carts	1
19. Ice Cream Carts	2
20. Theatres and Bioscopes	20
21. Common Lodging Houses	22
22. Barracks	140
23. Other House Inspections	471
24. Hairdressers	30
25. Laundries	82
26. Factories and Workshops	50
27. Courts, Lanes and Alleys	3
28. Open Ground	557
29. Piggeries	0
30. Horse Stables	206
31. Dairy Stables and Dairies	1649
32. Cattle Dealers' Premises	34
33. Visits in connection with Infectious Disease	751
34. Standing Water, Catchpits, re Mosquitoes, Etc.	11
35. Undrained premises	1
36. Public Sanitary Conveniences	627
37. Refuse Tips	3
38. Other Visits	3551
39. Structural Defects in Premises	236

C/ Forward : 9,642

The first part of the paper discusses the importance of maintaining accurate records of all transactions. It is essential for the business to have a clear and concise record of all income and expenses. This will allow the business to track its financial performance over time and identify areas for improvement. The second part of the paper discusses the importance of maintaining accurate records of all assets and liabilities. This will allow the business to track its net worth over time and identify areas for improvement. The third part of the paper discusses the importance of maintaining accurate records of all debts and obligations. This will allow the business to track its financial obligations over time and identify areas for improvement. The fourth part of the paper discusses the importance of maintaining accurate records of all taxes and other legal obligations. This will allow the business to track its financial obligations over time and identify areas for improvement. The fifth part of the paper discusses the importance of maintaining accurate records of all other financial information. This will allow the business to track its financial performance over time and identify areas for improvement.

Sanitation. Cont'd.

	B/Forward	9642
46.	Rodent Inspections	415
47.	Premises fumigated for Vermin	773
47a.	Other visits in connection with fumigation	412
48.	Disinfections	2
49.	Disinfection of Bedding and Clothing	29
50.	Other inspections by Rodent Officer	663
		2294

REPORTS FOR TRANSMISSION TO
OTHER MUNICIPAL DEPARTMENTS

(1) City Engineer's Department

40.	Stopped Drains	22	
41.	Defective Water fittings	30	
42.	Other Defects	65	
43.	Unauthorised structures	25	
44.	Sites, etc., re plans	439	
			581

(2) Municipal Native Administration
Department

45.	Licence and Other Inspection) of Premises under Urban) Areas Act)	83
-----	--	----

(3) Licensing Department

51.	Inspection of Premises re) Licence Applications)	668
-----	---	-----

(4) General

52.	Other Transportation Trips	1573
-----	----------------------------	------

Total :

14,841

1. The first part of the report is devoted to a general description of the country and its resources. It includes a detailed account of the climate, the soil, and the vegetation. It also mentions the principal occupations of the people and the state of the agriculture and the commerce.

2. The second part of the report is devoted to a description of the principal cities and towns of the country. It gives a detailed account of the history, the population, the commerce, and the industry of each of these places.

3. The third part of the report is devoted to a description of the principal rivers and lakes of the country. It gives a detailed account of the course, the length, the width, and the depth of each of these water bodies. It also mentions the principal cities and towns situated on or near these water bodies.

4. The fourth part of the report is devoted to a description of the principal mountains and hills of the country. It gives a detailed account of the height, the extent, and the position of each of these mountain ranges. It also mentions the principal cities and towns situated in the valleys between these mountains.

5. The fifth part of the report is devoted to a description of the principal forests of the country. It gives a detailed account of the extent, the position, and the quality of each of these forest tracts. It also mentions the principal cities and towns situated near these forests.

CHAPTER II
Description of the principal cities and towns of the country.

1. The first city mentioned is the capital of the country, which is situated on the banks of the great river. It is a large and important city, and is the seat of the government.
2. The second city mentioned is a large and important city, situated in the north of the country. It is the seat of the government of the north.
3. The third city mentioned is a large and important city, situated in the south of the country. It is the seat of the government of the south.
4. The fourth city mentioned is a large and important city, situated in the east of the country. It is the seat of the government of the east.
5. The fifth city mentioned is a large and important city, situated in the west of the country. It is the seat of the government of the west.

CHAPTER III
Description of the principal rivers and lakes of the country.

The first river mentioned is the great river, which is the longest and the most important river of the country. It flows from the north to the south, and is the source of many of the principal cities and towns of the country.

CHAPTER IV
Description of the principal mountains and hills of the country.

The first mountain mentioned is the great mountain, which is the highest and the most important mountain of the country. It is situated in the north of the country, and is the source of many of the principal cities and towns of the country.

CHAPTER V
Description of the principal forests of the country.

The first forest mentioned is the great forest, which is the largest and the most important forest of the country. It is situated in the north of the country, and is the source of many of the principal cities and towns of the country.

PROSECUTIONS : 1945 - 1946.

Total Number of Prosecutions instituted	:	34
Under Public Health By-Laws		14
" Dairy By-Laws		4
" Abattoir By-Laws		1
" V.D. Hospital Regulations		12
" Food, Drugs and Disinfectants Act	3	(one carried over from previous year)
	—	
Total	:	34
	—	
Total No. in which accused found guilty and penalty imposed		24
Total No. found not guilty, acquitted, withdrawn or Prosecutor declined to prosecute		10
	—	
		34
	—	

CONDEMNED PREMISESRooms and Buildings Condemned and/or Demolished

(a) Under Public Health By-Law No. 19(a) : (Closing Order)	:	0
(b) Under Public Health By-Law No. 19(b) : (Demolition Orders)		9
(5 demolished by 30.6.46)		
(c) Under Slums Act :		0
(d) Voluntary Demolitions :		
Premises		5
	—	
Total	:	14
	—	

10

General Report of the Board of Directors

During the year ended December 31, 1914

The Board of Directors has the honor to report to the

Stockholders of the Company that during the year

ended December 31, 1914, the Company has

been successful in carrying out its policy of

expansion and development of its business

and has been able to pay a dividend of

one dollar per share on the common stock

of the Company for the year ended December 31,

1914. The Board of Directors has the honor to

report that the Company has been successful in

carrying out its policy of expansion and

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for the year ended December 31, 1914.



