

**[Report 1947] / Medical Officer of Health, Stratford-upon-Avon Borough,
Stratford-upon-Avon R.D.C., Shipston-upon-Stour R.D.C., Alcester R.D.C.**

Contributors

Stratford-upon-Avon (England). Borough Council.

Publication/Creation

1947

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1947.

To: -

- (1) The Mayor and Corporation of Stratford-on-Avon;
- (2) The Chairman and Members of the Stratford-on-Avon Rural District Council;
- (3) The Chairman and Members of the Shipston-on-Stour Rural District Council;
- (4) The Chairman and Members of the Alcester Rural District Council.

I beg to submit herewith my Annual Report for the year 1947.

In accordance with Circular 170/47 the Annual Report is on similar lines to those which have been issued during the war period, with the addition that I have been asked to give a survey of the water supplies for the districts.

THE
OFFICE OF THE
TREASURER
OF THE
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DEPARTMENT OF THE
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BOROUGH OF STRATFORD-UPON-AVON

Estimated Population - 13,750.

<u>LIVE BIRTHS</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	132	123	255
Illegitimate	12	10	22

Birth rate per 1,000 estimated population - 20.1

<u>STILLBIRTHS</u>	<u>Male</u>	<u>Female</u>	<u>Total.</u>
Legitimate	1	5	6
Illegitimate	-	1	1

Rate per 1,000 (live and stillbirths) - 20.6

<u>DEATHS</u>	<u>Male</u>	90	<u>Female</u>	102	<u>Total</u>	192
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Death rate per 1,000 estimated population - 13.9

DEATHS FROM PUERPERAL CAUSES.

Puerperal Sepsis.....Nil
Other Puerperal causes.....Nil

DEATH RATES OF INFANTS UNDER ONE YEAR .

All infants per 1,000 live births.....36.1

Deaths from Measles (all ages).....Nil
" " Whooping Cough (all ages).....Nil
" " Diarrhoea (under 2 years)..... 3
" " Cancer (all ages)..... 19

RURAL DISTRICT OF STRATFORD-ON-AVON

Estimated Population - 17,200.

<u>LIVE BIRTHS</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	170	150	320
Illegitimate	10	10	20

Birth rate per 1,000 estimated population - 19.1

<u>STILLBIRTHS</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	5	3	8
Illegitimate	1	2	3

Birth rate per 1,000 (live and stillbirths) - 20.4

<u>DEATHS</u>	<u>Male</u>	116	<u>Female</u>	93	<u>Total</u>	209
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Death rate per 1,000 estimated population - 12.1

DEATHS FROM PUERPERAL CAUSES.

Puerperal Sepsis.....Nil
Other Puerperal causes.....Nil

DEATH RATE OF INFANTS UNDER ONE YEAR - All infants per 1,000
live births - 41.0

Deaths from Measles (all ages).....Nil
 " " Whooping Cough (all ages).....Nil
 " " Diarrhoea (under 2 years)..... 3
 " " Cancer (all ages)..... 27

RURAL DISTRICT OF SHIPSTON-ON-STOUR

Estimated Population - 7,890

<u>LIVE BIRTHS</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	69	63	132
Illegitimate	4	5	9

Birth rate per 1,000 estimated population - 17.8

<u>STILLBIRTHS</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	1	-	1
Illegitimate	-	-	-

Rate per 1,000 (live and stillbirths) - 17.9

<u>DEATHS</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
55	48	103	

Death rate per 1,000 estimated population - 13.0

DEATHS FROM PUERPERAL CAUSES.....Nil.

DEATH RATE OF INFANTS UNDER ONE YEAR - All infants per 1,000 live births - 28.0

Deaths from Measles (all ages).....Nil
 " " Whooping Cough (all ages).....Nil
 " " Diarrhoea (under 2 years)..... 1
 " " Cancer (all ages)..... 11

RURAL DISTRICT OF LCESTER

Estimated Population - 12,610

<u>LIVE BIRTHS</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	100	133	233
Illegitimate	4	7	11

Birth rate per 1,000 estimated population - 11.4

<u>STILLBIRTHS</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	2	4	6
Illegitimate	-	-	-

Rate per 1,000 (live and stillbirths) - 11.8

<u>DEATHS</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
73	76	146	

Death rate per 1,000 estimated population - 11.5

DEATHS FROM PUERPERAL CAUSES.....Nil.

DEATH RATE OF INFANTS UNDER ONE YEAR - All infants per 1,000 live births - 36.4

1. The first section of the report is devoted to a general description of the country and its resources. It includes a detailed account of the physical features, climate, and population of the region.

SECTION II. AGRICULTURE AND LIVELIHOODS

AGRICULTURE

Year	Area (Acres)	Value (\$)
1900	100,000	100,000
1901	110,000	110,000
1902	120,000	120,000

Total value of agricultural products for 1902 - \$120,000

Year	Area (Acres)	Value (\$)
1900	100,000	100,000
1901	110,000	110,000
1902	120,000	120,000

Total value of agricultural products for 1902 - \$120,000

Year	Area (Acres)	Value (\$)
1900	100,000	100,000
1901	110,000	110,000
1902	120,000	120,000

Total value of agricultural products for 1902 - \$120,000

LIVELIHOODS

The following table shows the number of persons engaged in various occupations in the year 1902.

Occupation	Number of Persons
Agriculture	100,000
Manufacturing	50,000
Commerce	20,000
Professions	10,000
Services	10,000

SECTION III. MINING AND MANUFACTURES

MINING

Year	Area (Acres)	Value (\$)
1900	100,000	100,000
1901	110,000	110,000
1902	120,000	120,000

Total value of mining products for 1902 - \$120,000

Year	Area (Acres)	Value (\$)
1900	100,000	100,000
1901	110,000	110,000
1902	120,000	120,000

Total value of mining products for 1902 - \$120,000

Year	Area (Acres)	Value (\$)
1900	100,000	100,000
1901	110,000	110,000
1902	120,000	120,000

Total value of mining products for 1902 - \$120,000

MANUFACTURES

The following table shows the number of persons engaged in various occupations in the year 1902.

DEATHS FROM MEASLES (all ages).....	Nil
" " WHOOPING COUGH (all ages).....	1
" " DIARRHOEA (under 2 years).....	Nil
" " CANCER (all ages).....	19

NOTIFIABLE DISEASES (AGE GROUPS)

BOROUGH OF STRATFORD-ON-AVON

DISEASES	0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	Age un-k'n	To-tal	Adm-to Hosp.	D i c d
Scarlet Fever		1	1			4	11	2	7	1	2			29	29	
Whooping Cough	7	2	3	5	2	10				1				30		
Pneumonia	1		1	1		3			4	4	15	7	1	37	9	
Erysipelas											1			1		
Polio-myelitis									1					1	1	
Measles	6	17	13	23	21	77	10	5	6	2	1			181		
Recurrent Malaria									1							
Opth. Neonatorum	1													1	1	
														1	1	

THE RURAL DISTRICT OF STRATFORD-ON-AVON

DISEASE	0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	Age un-k'n	To-tal	Adm-to Hosp.	D i c d
Scarlet Fever					2	6	7	2	3	1			3	24	23	
Whooping Cough	2		3	2	1	7	1							16		
Pneumonia			1			1			1	2	2	4		11		
Polio myelitis			1	1		3		1	1					7	7	
Measles	2	10	16	20	17	78	21	7	6	3				183	1	
Cerebro-sp. fever																
Diphtheria									1					1	1	
														1	1	

THE RURAL DISTRICT OF SHIPSTON-ON-STOUR

DISEASE	0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	Age un-k'n	To-tal	Adm-to Hosp.	D i c d
Scarlet Fever					1	1	1	1		1				5	3	
Pneumonia							1			1		1		3		
Measles					1	2		1	1				1	6		
Polio-myelitis									1							
													1	1		

THE RURAL DISTRICT OF ALCESTER

. 4.

DISEASE	0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	Age un- k'n	Total	Adm. to Hosp.	D i c e d
Scarlet Fever					2	2	5	1	1		1			12	12	
Whooping Cough	3	3	6	1	3	2								18		
Pneumonia					1	3	1		4	2	12	7		30	3	
Diph- theria						1			1					2	2	
Erysipelas									1				1	2		
Measles	2	28	46	48	47	171	18	3	1	1			1	366		
Polio- encephalitis						1								1	1	

During the year 24 members of His Majesty's Forces were treated in the Isolation Hospital, Stratford-on-Avon.

The following pathological specimens were submitted for examination during the year:-

Throat swabs for Diphtheria Bacilli	-	82
Sputum etc. for Tubercle Bacilli	-	52
Faeces examination for Dysentery	-	2
Blood for Widal's reaction	-	4
Chemical analysis of water	-	44
Bacteriological analysis of water	-	14
Chemical analysis of sewage effluents	-	16
Cerebro-spinal fluid for meningitis	-	3

IMMUNISATION AGAINST DIPHTHERIA

The number of children immunised during 1947 was as follows:-

	Under 5	5 - 14	Total	Booster
Stratford-on-Avon Borough.....	194	23	217	22
Stratford-on-Avon R.D.C.	188	12	206	189
Shipston-on-Stour R.D.C.	106	6	112	109
Alcester R.D.C.	108	8	116	17



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TUBERCULOSIS.

.5.

The following tables show (1) the incidence of Tuberculosis and (2) deaths from Tuberculosis.

BOROUGH OF STRATFORD-ON-AVON

Age Period	NEW CASES						DEATHS	
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 - 1								
1 - 5			1					
5 -10		1						
10 -15			1					
15 -20	1	1			1			
20 -25	2	1			1			
25 -35	1	1						
35 -45	1	1						
45 -55	1							
55 -65	1				1			
65 and upwards								
Age unkn'n		1						
Total	7	5	2		3			

RURAL DISTRICT OF STRATFORD-ON-AVON

Age Periods	NEW CASES						DEATHS	
	Pulmonary		Non Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 - 1								
1 - 5								
5 -10								
10-15								
15-20								
20-25	1	2						
25-35	1	1						
35-45	1							
45-55		2				1		
55-65								
65 and upwards								
Age unknown								
Total	3	5				1		

TABLE 1

TABLE 1. SUMMARY OF DATA FOR THE YEAR 1961. (a) The number of cases of disease reported in each of the 10 districts. (b) The number of cases of disease reported in each of the 10 districts, by sex and age group.

TABLE 2. SUMMARY OF DATA FOR THE YEAR 1962.

District		1961		1962		1963	
		Male	Female	Male	Female	Male	Female
1		10	15	12	18	14	20
2		8	12	10	16	12	18
3		6	10	8	14	10	16
4		4	8	6	12	8	14
5		2	4	4	8	6	12
6		1	2	2	4	4	8
7		1	2	2	4	4	8
8		1	2	2	4	4	8
9		1	2	2	4	4	8
10		1	2	2	4	4	8
Total		38	60	50	80	62	96

TABLE 3. SUMMARY OF DATA FOR THE YEAR 1964.

District		1964		1965		1966	
		Male	Female	Male	Female	Male	Female
1		12	18	14	20	16	22
2		10	16	12	18	14	20
3		8	14	10	16	12	18
4		6	12	8	14	10	16
5		4	8	6	12	8	14
6		2	4	4	8	6	12
7		1	2	2	4	4	8
8		1	2	2	4	4	8
9		1	2	2	4	4	8
10		1	2	2	4	4	8
Total		50	80	62	96	74	110

THE RURAL DISTRICT OF SHIPSTON-ON-STOUR.

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Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 - 1								
1 - 5								
5 -10								
10 -15								
15 -20								
20 -25			1					
25 -35			1	1				
35 -45								
45 -55	1							
55 -65	1							
65 and upwards								
Age un- known								
Total	2		2	1				

THE RURAL DISTRICT OF ALCESTER

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 - 1								
1 - 5								
5 -10			1	1				
10 -15			1	1				1
15 -20	1							
20 -25								
25 -35	1	1						
35 -45		1						
45 -55	2				1			
55 -65								
65 and upwards								
Total	4	2	2	2	1			1

CAUSES OF DEATH.

	<u>Stratford</u> <u>Borough</u>		<u>Stratford</u> <u>R.D.C.</u>		<u>Shipston</u> <u>R.D.C.</u>		<u>Alcester</u> <u>R.D.C.</u>	
	M	F	M	F	M	F	M	F
Cerebro spinal fever.....			1					
Tuberculosis (resp.).....	2	1	2	1	3	2		
" (other).....	1			2				1
Influenza.....				1				
Syphilitic Disease.....	1	1			1		1	
Ac. polio-myclitis and poli-encephalitis.....	1	1						
Ac. Inf. enceph.....		1						
Cancer of buc.cav. and oesophagus.....	1	4	1	2	1			
Cancer of stomach.....	4	1	2	2	1		3	1
Cancer of breast.....		2		6	2		1	4
Cancer of other sites.....	8	7	12	2	2	5	7	3
Diabetes.....					1			2
Intracranial vascular lesions	7	17	13	12	6	4	9	8
Heart disease.....	23	18	27	22	15	16	24	19
Other circ. diseases.....	9	8	5	7	7		7	5
Brönchitis.....	6	3	8	3		5	1	4
Pneumonia.....	2	7	8	6	3	1	2	9
Other resp. diseases.....			2			1		1
Ulcer of stomach or duodenum	1	1	3	1	1		1	
Appendicitis.....			1					
Diarrhoea (under two years)	1	3		3	1			
Other digestive diseases...		4	6	3	3	2	3	2
Nephritis.....	1	2		1	2	2	3	1
Premature birth.....	1	1		1		2	2	4
Con.mal.birth injury.....	2		4	2	1		1	
Suicide.....	2	1	2	1				
Road traffic accidents.....		1	2	1	3		2	1
Other violent causes.....	6	4	4	2	1	2		3
All other causes.....	11	14	13	12	6	1	6	8
	<u>90</u>	<u>102</u>	<u>116</u>	<u>93</u>	<u>55</u>	<u>48</u>	<u>73</u>	<u>76</u>

WATER SUPPLIESBOROUGH OF STRATFORD-IPON-AVON.

During the year ended 31st March 1948 the water supplies for domestic and industrial purposes have been satisfactory as regards both quality and quantity.

Quarterly bacteriological analyses have been made by me and these have on all occasions indicated that the water supply in the Borough is of a high standard of purity. The water is free from any tendency to plumbo-solvent action, and the total hardness is on the average 8 parts per 100,000.

With the exception of a few isolated farms and cottages water is laid on to all dwelling houses in the Borough. The proportion without such direct supply is estimated to be less than 1%.

In connection with post war housing schemes 30 new houses upon the various Corporation Housing Estates were connected to the town mains. In addition 16 houses erected by private enterprise were similarly connected.

Generally.

The water supplies of the town are pumped from artesian borholes at four sites, viz., Warwick Road, August

1940		1939		1938		1937		1936		1935		1934		1933		1932		1931		1930		1929		1928		1927		1926		1925		1924		1923		1922		1921		1920		1919		1918		1917		1916		1915		1914		1913		1912		1911		1910		1909		1908		1907		1906		1905		1904		1903		1902		1901		1900		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		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		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		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		11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Hill, Alveston Hill and Alcester Road respectively. In addition a supplementary supply is available from an upland gathering ground and a storage reservoir at Snitterfield. This supply is drawn upon during period of peak demand during the summer months. Here the method of purification is by prolonged storage in the reservoir, which has a capacity of 20,000,000 gallons, followed by treatment through slow sand filters and chlorination of the filtrate.

Emergency chlorination, instituted during the war in connection with the artesian well supplies, has been continued during the past year.

Bulk supplies are afforded to the Rural District Council of Stratford-on-Avon for distribution in the parishes of Clifford Chambers, Luddington and Bishopton. A scheme of main laying and extension of existing mains was carried out by the Rural District Council during the year, and as a result additional bulk supplies were made available during the year for the following parishes in the Rural District:- Snitterfield, Bearly, Pathlow, Bishopton and Alderminster. This agreement also provides for the Rural District Council of Stratford-on-Avon to afford a supply to an adjoining parish of Wilmcote, situated in the area of the Alcester Rural District Council.

STRATFORD-ON-AVON RURAL DISTRICT.

The following parishes experienced shortage of water during the year:-

Alderminster. The yield of the shallow wells in this parish showed no improvement in the early part of the year, but fortunately the extension of the main from the Atherstone R.A.F. Station has now been completed and most of the houses in the village have been connected to this main, whilst others are being connected at an early date.

Admington. It was found necessary to augment the local supply by drawing from the North Cotswold source.

Loxley. The normal supply for this village is from springs, but owing to the drop in the yield of these it was found necessary to resort to pumping water from the emergency supply derived from the well adjoining the reservoir.

Kington. It was found necessary to have recourse to the water in the borehole during the year, although generally no difficulty was experienced in supplying the needs of this village.

Bearly. The whole of the supply for this village is now being obtained from the high level tank at the R.A.F. Station at Snitterfield, due to the fact that the mains of the northern water scheme were unable to cope with the demand.

Long Marston and Dorsington. Some shortage was experienced during the early part of the year, due to the fact that the supply which is drawn from the Evesham Rural source was unable to give sufficient water for the inhabitants, and in order to guard against any further shortage these villages have now been connected to the North Cotswold source, where an amply supply exists.

Extensions. The whole of the works in connection with the supply of parishes of Snitterfield, Billesley and Alderminster were completed during the year, and large numbers of small cottages have been connected to these new mains.

General. 45% of the houses in this Rural District are connected to a pipe supply or standpipe.

ALCESTER RURAL DISTRICT

No difficulty was experienced in maintaining the supply to the whole of the area having piped water.

The only trouble experienced was in Studley, where the pressure varies, due to large consumption and small mains, but a new main of 8" diameter is being laid by the East Worcestershire Waterworks Company to the Studley boundary, where the metered supply will be connected to the existing system.

All supplies have been analysed chemically and bacteriologically each quarter and the reports are satisfactory.

The new supply to Wilmore was inaugurated during the year. 103 properties out of 131 now have a piped supply.

During the year a number of dairy farms were given piped supplies, the number of farms now having mains water being 52.

In January the Ministry of Health held a public enquiry in respect of the Council's application for additional water supplies, larger mains and the purchase of Alcester Waterworks Company's undertaking, the proposal of the Consulting Engineers being to carry a trunk main from the East Worcestershire Waterworks Company's system at the Studley boundary to Alcester, with a new reservoir in Coughton Park and a further one in the Alne Hills, Great Alne. This would provide for all the northern part of the area to be supplied with East Worcestershire Company's water. In addition the supply for the southern part of the district would be augmented by the water from the Coventry Aqueduct being fed into the reservoir at Dunnington.

Taking the district as a whole, 90% now have a piped water supply available.

SHIPSTON-ON-STOUR RURAL DISTRICT.

The 27 parishes of the area are mainly situated on the lower lias clay and the majority of the villages are supplied with spring water issuing from cappings of inferior Oolite on the hills or small superficial deposits on high ground in the middle and upper lias. The small township of Shipston-on-Stour and the villages of Honington, Borehampton and Willington obtain water from a limestone cap at Evington, and are the only parishes which use water piped in from outside the area.

Excluding the Shipston-on-Stour system the supplies are very small and incapable of serving the population adequately. The small piped systems feeding to standpipes or public wells cannot be used for full "water laid on to the house" schemes and the lack of water for agriculture and dairy farming is most pronounced.

In drought periods many wells and public supplies run dry or yield low quantities. During the year shortages here occurred as set out hereunder, and details of water analyses are shown.

The Council have had the whole question under review for some time, and the consulting engineers have advised on a scheme to take water from the River Stour. This will provide

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for a full supply of water to all parts of the area and probably to parishes in adjoining areas, both for domestic and agricultural needs. The draft of this scheme is now deposited with the Ministry of Health for consideration.

Works of improvement have been carried out during the year at Oxhill, Ilmington, Burmington and Shington. Maintenance of the old systems is heavy and wasteful and every effort is made to keep the supplies in as satisfactory condition as is possible, but the full needs of the area cannot be met until a comprehensive scheme is installed.

Village details are set out hereunder:-

Burmington. The water supply to the village failed during the year and a temporary pipe line was laid from Willington across the fields. The supply is laid on to standpipes set at suitable points in the village.

Brailles. The low yield of the springs gave rise to shortage and all efforts were made to augment the supply. Restrictions were imposed and have been in force for a considerable time.

Honington. Defects in the old mains at Honington caused certain properties to become short of water. Repairs have been carried out, and a main extension on the Fell Mill Lane will improve conditions to properties on the line.

Halford, Oxhill, Whatcote and Idlicote. The consumption of water has increased to such an extent as to render it difficult to maintain full service. No further connections can be made, and the slightest leakage or additional seasonal consumption results in an empty reservoir. Restrictions on the use of water are imposed.

Ilmington. The supply falls considerably during dry spells and shortage is frequent. All available sources of water in or near the village have been tapped and no improvement in the supply appears to be possible. Restrictions are imposed at regular periods.

Newbold-on-Stour. The main supplies are from private wells, many of which give out for long periods. Temporary tanks are installed in the village and water is carted twice weekly.

Tredington. The wells here are inadequate to supply the village and tanks are installed and water carted twice weekly. A scheme is under consideration to take a supply of water from a private supply and to pump it to temporary standpipes in the village.

Tysoe. The pipe line is insufficient to permit a full supply of water. A further spring has been taken over and part of the water is being used to augment existing supplies, but until a new main is laid the full benefit of the additional water will not be felt. The total yield of all the springs is not sufficient for the full needs of the village.

Water Analysis.

The undermentioned water samples have been taken during the year. Where unsatisfactory results are reported the supplies are investigated and remedial measures taken. Samples taken....10. Satisfactory....7. Unsatisfactory....3. No wells were closed during the year

FACTORIES, WORKSHOPS and WORKPLACES.THE BOROUGH OF STRATFORD-ON-AVON.

1. Inspections for purposes of provisions as to health
(including inspections made by Sanitary Inspectors).

Premises	No. on Register	Number of		
		Inspections	Written Notices	Occupiers prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	25	6	3	Nil
Factories not included in above in which Sect. 7 is enforced	106	83	7	Nil
Other Premises in which Section 7 is enforced (excluding out-workers' premises)	1	Nil	Nil	Nil
Total	132	89	10	Nil

2. Cases in which Defects were found.

Particulars	Number of cases				No. of prosecutions
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Insptr.	
Want of cleanliness	2	2	Nil	Nil	Nil
Overcrowding	1	1	Nil	Nil	Nil
Unreasonable temperature	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation	Nil	Nil	Nil	Nil	Nil
Ineffective drainage of floors	Nil	Nil	Nil	Nil	Nil
Sanitary Conveniences:-					
(a) insufficient	5	1	Nil	Nil	Nil
(b) Unsuitable or defective	2	2	Nil	Nil	Nil
(c) Not separate for sexes	Nil	Nil	Nil	Nil	Nil
Other offences against the Act (not including offences relating to Outwork)	Nil	Nil	Nil	Nil	Nil
Total	10	6	Nil	Nil	Nil

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Date		Description		Amount	
1890	Jan 1	Balance		100.00	
1890	Jan 15	Received from A. B.		50.00	
1890	Feb 1	Received from C. D.		25.00	
1890	Mar 1	Received from E. F.		75.00	
1890	Apr 1	Received from G. H.		100.00	
1890	May 1	Received from I. J.		150.00	
1890	Jun 1	Received from K. L.		200.00	
1890	Jul 1	Received from M. N.		250.00	
1890	Aug 1	Received from O. P.		300.00	
1890	Sep 1	Received from Q. R.		350.00	
1890	Oct 1	Received from S. T.		400.00	
1890	Nov 1	Received from U. V.		450.00	
1890	Dec 1	Received from W. X.		500.00	
1890	Total			2500.00	

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STRATFORD-ON-AVON RURAL DISTRICT

1. Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspectors.

Premises	No. on Register	Number of		
		Inspections	Written Notices	Occupiers prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	16	16	2	
Factories not included in above in which Section 7 is enforced	31	14	3	
Other Premises in which Section 7 is enforced (excluding out-workers' premises)	17	6	2	
Total	64	36	7	

2. Cases in which defects were found.

Particulars	No. of cases of which defects				No. of cases in which prosecutions were instituted.
	Found	Remedied	were found		
			Referred		
			To H.M. Inspectr.	By H.M. Inspectr.	
Want of cleanliness	4	4			
Overcrowding	-	-			
Unreasonable temp.	-	-			
Inadequate ventilation	-	-			
Ineffective drainage of floors	-	-			
Sanitary Conveniences:					
(a) insufficient	4	3			
(b) Unsuitable or defective	-	-			
(c) Not separate for sexes	2	2			
Other offences against the Act (not includg. offences relating to Outwork)	-	-			
Total	12	11			

THE RURAL DISTRICT OF SHIPSTON-ON-STOUR

1. Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	3	7		
Factories not included in above in which Section 7 is enforced	27	59		
Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)				
Total	30	66		

2. Cases in which defects were found.

Particulars	Number of cases in which defects were found			Number of cases in which prosecutions were instituted
	Found	Remedied	Referred	
			To H.M. Inspctr. By H.M. Inspector	
Want of cleanliness				
Overcrowding				
Unreasonable temperature				
Inadequate ventilation				
Ineffective drainage of floors				
Sanitary conveniences:				
(a) insufficient	1	1		
(b) unsuitable or defective				
(c) not separate for sexes				
Other offences against the Act (not including offences relating to Outwork)				
Total	1	1		

ALCETTER RURAL DISTRICT

1. Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspectors)

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	27	34	4	
Factories not included in above in which Sect. 7 is enforced	3	12	1	
Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	1	2	1	
Total	31	48	6	

2. Cases in which defects were found

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Insptr.	By H.M. Insptr.	
Want of cleanliness					
Overcrowding					
Unreasonable temp.					
Inadequate ventilation					
Ineffective drainage of floors					
Sanitary conveniences:					
(a) insufficient	1	1		1	
(b) unsuitable or defective	4	4		4	
(c) Not separate for sexes	1				
Other offences against the Act (not including offences relating to Outwork)					
Total	6	5		5	

L. L. Fyfe

11 Guild Street,
Stratford-on-Avon.

Medical Officer of Health.

REPORT OF THE

THE BOARD OF DIRECTORS OF THE
 COMPANY OF THE CITY OF NEW YORK

NAME		RESIDENCE		BUSINESS	
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	101	102

NAME		RESIDENCE		BUSINESS	
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	101	102

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