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Brixworth Rural District Council



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# ANNUAL REPORT

OF THE

## Medical Officer of Health

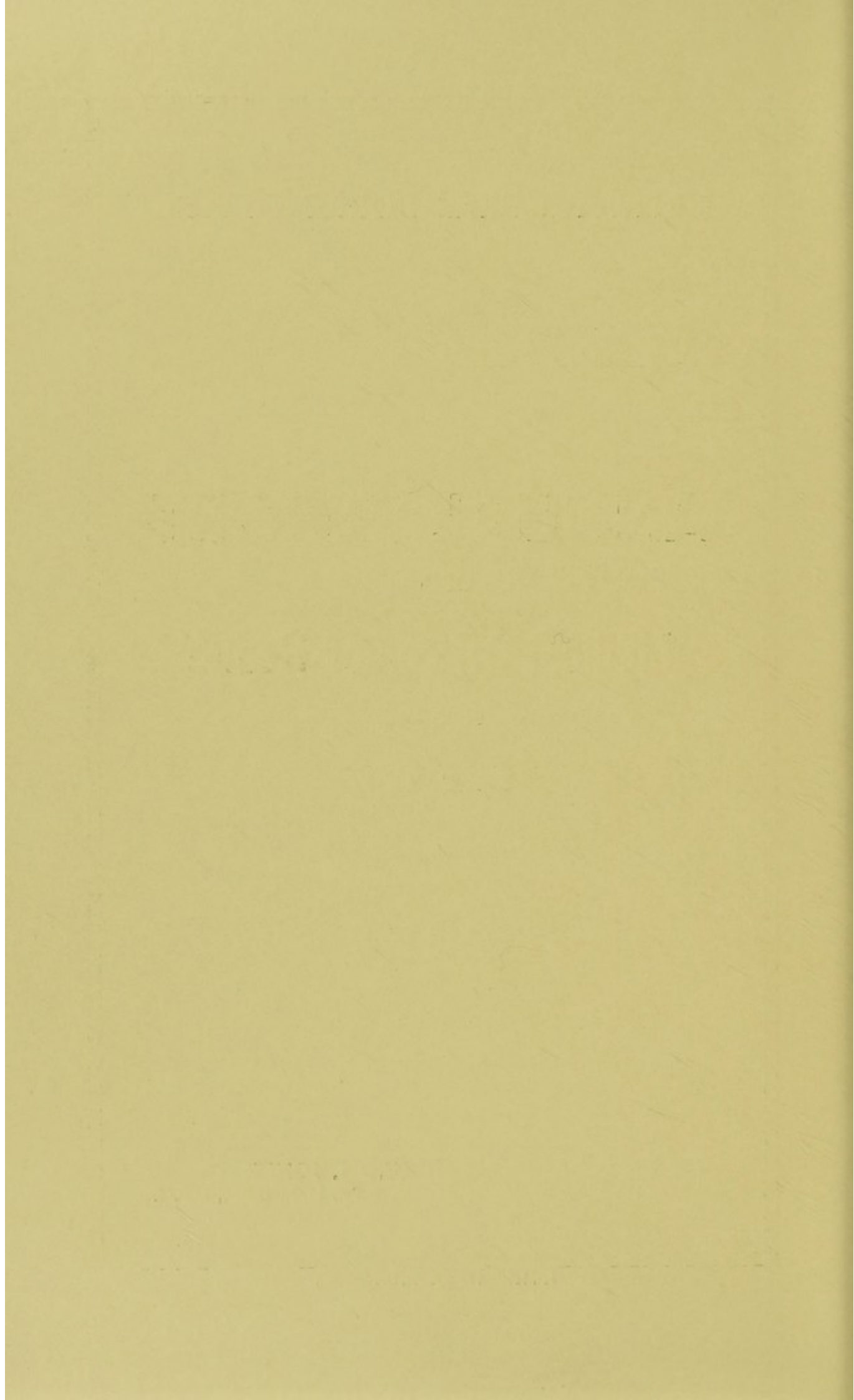
FOR THE

### Year 1947

■

DAVID J. JONES

B.Sc., M.B., B.Ch., D.P.H.



**Brixworth Rural District Council**



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**Medical Officer of Health**

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**DAVID J. JONES**

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## SUMMARY OF VITAL STATISTICS.

Area (in acres) ....	82,944
Population ....	15,740
Number of Separate Dwellings occupied ....	5,031
Rateable Value 1948 (April) ....	£92,138
Product of a Penny Rate ....	£373 16 7

<b>Live Births.</b>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Rate</i>
Legitimate ....	315	150	165	} 21·47
Illegitimate ....	23	11	12	
	338	161	177	

<b>Still Births.</b>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Rate</i>
Legitimate ....	4	1	3	} 0·25
Illegitimate ....	—	—	—	
	4	1	3	

	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Rate</i>
<b>Deaths (all causes)</b> ....	211	110	101	13·46

<b>Deaths from Puerperal Causes</b> ....				
Puerperal and post abortive sepsis ....				Nil
Other Puerperal causes ....				Nil

<b>Infant Mortality—(rate per 1,000 live births)</b>				
Legitimate ....	10	6	4	29·58
Illegitimate ....	—	—	—	Nil
	10	6	4	29·58

<b>Deaths from</b> Cancer (all ages) ....	34
,, ,, Measles (all ages) ....	Nil
,, ,, Whooping Cough (all ages) ....	1
,, ,, Diarrhoea (under 2 years) ....	Nil

# Brixworth Rural District Council

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## *Members of the Public Health Committee :*

Mr. W. WOOD (Chairman), Mr. O. E. P. WYATT, Mr. N. HEEPS,  
Mr. T. Y. CASTELL, J.P., Mr. F. W. NIGHTINGALE, Mrs. V. G. BORWICK,  
Mr. A. S. TARRANT, Mrs. ST. JOHN MILD MAY, Mr. S. GREEN, Mr. W. A.  
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Mr. T. CLARKE, Mr. C. H. GRAVELEY, Rev. J. HOTINE, Hon. Mrs.  
MACDONALD BUCHANAN, Mr. H. J. PENN, Mr. T. W. WARD.

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## *Public Health Officers of the Local Authority.*

### Medical Officer of Health :

DAVID J. JONES, B.Sc., M.B., B.Ch., D.P.H.

*also holds appointments of*

Medical Officer of Health, Borough of Daventry.

Medical Officer of Health, Rural District of Daventry.

Medical Officer of Health, Rural District of Brackley.

Medical Officer of Health, Borough of Brackley.

*and*

Assistant County Medical Officer of Health and

Assistant Schools Medical Officer, Northants. County Council.

### Senior Sanitary Inspector :

F. A. RUSSELL, F.F.S., M.S.I.A.

### Assistant Sanitary Inspector :

R. S. LINLEY.

## To the Chairman and Councillors of the Rural District of Brixworth

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present the Annual Report on the Health and Sanitary Circumstances of the rural district for the year 1947.

The review of the health and vital statistics for 1947 is satisfactory. The birth-rate of 21·47 per 1,000 of the population shows an increase of 0·89 on the previous year, and is in fact the highest recorded rate in the district. The birth rate for England and Wales in 1947 was 20·5. The total number of deaths assigned to the district was 212, with a death rate of 13·46, compared with a rate of 13·01 in 1946. Cancer and disease of the heart and circulatory systems were again responsible for about 60 per cent. of all deaths.

Reference was made in the reports of 1945 and 1946 to the projected Joint Water Board. The Public Inquiry into the formation of this Board was recently held, and extended over two weeks, but the result will no doubt be some time in being issued. The Council has, however, been able to proceed with its own Northern Water Scheme, embracing Welford, Cold Ashby, Naseby, Sulby, Oxendon, etc., and the work is showing good progress.

The extension of the Brixworth Water Scheme to Scaldwell, Old, Hannington, Walgrave and Holcot is largely completed, and the Council are to be congratulated on the expeditious manner in which this scheme has been carried out.

Housing progress during 1947 showed some improvement. There is evidence in the present contracts that the shells of new houses are being erected at a greater speed—how long it will be before the houses are ready for occupation remains to be seen.

The housing needs of the District are obvious, when it is borne in mind that the waiting list for new houses is 587, and the Rural Housing Survey has shown that 745 of the houses for the working classes are at the present time unfit for human habitation. The number of new houses completed during 1947 was 75, and the number completed in 1948 up to the time of writing this report was 135.

The provision of new sewage works and the re-sewering of the various parts of the District has not yet been commenced. The Council are fully aware of the needs in this direction and will proceed with the schemes with the utmost speed when it is possible to do so.

During the year, the County as a whole was swept from end to end by the major epidemics of Infectious Disease—Measles and Infantile Paralysis. Brixworth had a number of cases of the latter, one of which proved fatal.

My thanks are due to Mr. Russell, the Council's Chief Sanitary Inspector, and his staff, for the invaluable assistance given to me during the year, and also in the preparation of many of the sections of this report.

I have the honour to be,

Your Obedient Servant,

DAVID J. JONES,

*Medical Officer of Health.*



## SECTION A.

### NATURAL AND SOCIAL CONDITIONS.

**Area**—(In acres) 82,944. The district is almost entirely rural in character, with agriculture and dairy farming as the main industries. In addition open-cast workings for iron-stone are to be found in the vicinity of Brixworth, Pitsford.

**Population**—The Registrar General has estimated the population for the mid-year 1947 to be 15,740, an increase of 140 over the population for the previous year. The natural increase in population the excess of births over deaths, was 127.

**Deaths**—The total number of deaths assigned to the district for the year was 211, compared with 203 in 1946. The crude death rate based on the mid-year population was 13·46 compared with 13·01 in the previous year. The following table has been compiled for comparison with previous years :—

<i>Brixworth</i>					<i>Standardised Death Rate</i>		
<i>Years</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Recorded Rate</i>	<i>Brixworth</i>	<i>Northamp- tonshire</i>	<i>England &amp; Wales</i>
1942	195	90	105	11·80	*	11·02x	11·60
1943	241	122	119	14·93	*	12·29x	12·10
1944	242	114	128	15·06	*	12·65x	11·60
1945	187	87	100	12·04	*	12·34	11·40
1946	203	96	107	13·01	*	12·00	11·50
1947	211	110	101	13·46	*	12·43	12·00

\*—Not available.

x—Recorded rate

The following is a list of the causes of death, in accordance with the International List of Causes of Death, 1938 :—

<i>Causes of Death.</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
1. Typhoid and Paratyphoid Fever	—	—	—
2. Cerebro Spinal Fever	—	—	—
3. Scarlet Fever	—	—	—
4. Whooping Cough	—	1	1
5. Diphtheria	—	—	—
6. T.B. of Respiratory System	3	2	5
7. T.B.—other forms	1	1	2
8. Syphiletic Diseases	—	1	1
9. Influenza	—	1	1
10. Measles	—	—	—
11. Ac. Poliomyelitis and Polioencephalitis	1	—	1
12. Ac. Inf. Encephalitis	—	—	—
13. Cancer of Buccal Cavity, Oesphagus (M) and Uterus (F)	2	1	3
14. Cancer of Stomach and Duodenum	2	4	6
15. Cancer of Breast	—	5	5
16. Cancer of all other sites	12	8	20
17. Diabetes	—	3	3
18. Intra. Cranial Lesions	22	13	35
19. Heart Disease	28	28	56
20. Other disorders of circulatory system	3	4	7
21. Bronchitis	4	2	6
22. Pneumonia	4	5	9
23. Other respiratory disorders	4	1	5
24. Ulcer of Stomach and Duodenum	1	—	1
25. Diarrhoea (under 2 years)	—	—	—
26. Appendicitis	—	—	—
27. Other digestive disorders	1	2	3
28. Nephritis	4	6	10
29. Puerperal and post abortive sepsis	—	—	—
30. Other Maternal causes	—	—	—
31. Premature birth	1	2	3
32. Congenital Malformation and Birth Injury	3	2	5
33. Suicide	1	1	2
34. Road Traffic accidents	2	—	2
35. Other violent causes	2	1	3
36. All other causes	9	7	16
	110	101	211

**Births**—The number of live births assigned to this district was 338, compared with 321 in 1946. The rate per thousand of the population was 21·47, which is the highest recorded rate for the district, and exceeds the rate for England and Wales by 0·97. The following table gives comparison over the past five year period :—

**Birth Rate 1943-47.**

	1943	1944	1945	1946	1947
Brixworth .....	17·47	20·23	17·9	20·58	21·47
Northamptonshire .....	17·91	20·07	18·98	19·17	20·42
England and Wales .....	16·5	17·6	16·1	19·1	20·5

**Still Births**—The number of still births during 1947 was four (1 male and 3 females). The rates for the past five years are given in the following table (per 1,000 live and still births) : —

**Still Birth Rate.**

	1943	1944	1945	1946	1947
Brixworth .....	26·66	13·6	21·05	30·96	11·69

**Illegitimate Births**—There were 23 illegitimate births assigned to the district during the year (11 males and 12 females), compared with 22 in 1946. This gives a rate of 67·2.

**Maternal Mortality**—It is pleasing to record that no deaths occurred from puerperal causes, or conditions allied to childbirth.

**Infant Mortality**—The number of infants who died before reaching their first birthday was ten (six males and four females). All were legitimate. The causes of death are set out in the table below :—

**Causes of Death of Children under One Year.**

<i>Causes of Death.</i>	<i>Age in Weeks.</i>					Total
	—1	—2	—3	—4	5-52	
1. Congenital Malformations....	1	—	—	—	—	1
2. Diseases of Early Infancy—						
Congenital Debility and Icterus	—	—	—	—	—	—
Premature Birth .....	2	1	1	—	—	4
Injury at Birth .....	—	—	—	—	—	—
Atelectasis .....	1	—	—	—	—	1
Others .....	—	—	—	—	—	—
3. Diseases of Respiratory System	—	—	—	—	3	3
4. Diseases of Digestive System .....	—	—	—	—	—	—

<i>Cause of Death</i>	<i>Age in Weeks.</i>					<i>Total</i>
	<i>—1</i>	<i>—2</i>	<i>—3</i>	<i>—4</i>	<i>5-52</i>	
5. Diseases of Nervous System	—	—	—	—	1	1
6. Tuberculosis Diseases	—	—	—	—	—	—
7. Infectious Diseases	—	—	—	—	—	—
8. Syphilis	—	—	—	—	—	—
9. Overlaying	—	—	—	—	—	—
10. Other violence	—	—	—	—	—	—
11. All other causes	—	—	—	—	—	—
	4	1	1	—	4	10

**Deaths under 1 year per 1,000 live births.**

	1943	1944	1945	1946	1947
Brixworth	49.64	39.91	53	31.15	29.58
Northamptonshire	40.40	20.07	39.17	36.86	35.1
England and Wales	49	46	46	43	41

## SECTION B.

### GENERAL PROVISION OF HEALTH SERVICES.

**Laboratory Service**—Laboratory work in connection with the diagnosis and control of Infectious Diseases is carried out at the Emergency Public Health Laboratory in Northampton General Hospital. The following is a list of the work done during the year :—

Throat Swabs	....	....	48
Nasal Swabs	....	....	4
Sputum	....	....	—
Faeces	....	....	13
Blood	....	....	1
Water	....	....	28
Milk	....	....	84
Other	....	....	1

The Service came free to Local Authorities in April, 1947.

**Diphtheria Antitoxin**—A supply of antitoxin is maintained at the Council Offices, in accordance with the Diphtheria Antitoxin (Outside London) Order, 1919, and can be obtained by Medical Practitioners for use within the District.

**Ambulance Services**—General Medical and Surgical cases are removed by the St. John's Ambulance from Northampton. Infectious cases are removed in the ambulance of the Kettering Joint Hospital Board to the Kettering Isolation Hospital.

**Nursing in the Home**—The services of the District Nurses were available both as mid-wives and maternity nurses and also for general nursing. The exact number of cases which they attended during the year was not available at the time of writing this report.

**Treatment Centres and Clinics**—The following clinics, staffed by members of the County Council Staff, are held at the places and dates indicated.

Brixworth Infant Welfare.	3rd Friday	each month—	Village Hall
Welford	.. ..	4th Wednesday	.. .. ..
Moulton	.. ..	1st Tuesday	.. .. ..
Brixworth Ante-Natal Clinic	2nd Friday	.. ..	.. ..

**Hospitals**—Cases of Infectious diseases are removed to Kettering Isolation Hospital. General Medical and Surgical Cases obtain treatment at the Northampton General Hospital. The Northamptonshire County Council administer St. John's Maternity Home, Weston Favell, which is available for maternity cases. Admissions are arranged through the County Council.

## SECTION C.

### SANITARY CONDITIONS OF THE DISTRICT.

**Water Supplies**—The provision of piped water supplies throughout the district was advanced further during the year, by the completion of the extension of the Brixworth main to the villages of Scaldwell, Old, Walgrave, Hannington and Holcot. During the year negotiations with the Air Ministry for the purchase of the Harrington main and water tower were completed. When this latter main is brought into service the villages of Maidwell, Draughton, Lamport, Arthingworth, Kelmarsh and Hanging Houghton will be supplied. The scheme for the supply of water to Welford, Sibbertoft, East Farndon, Clipston and Great Oxendon was approved, and at the time of writing this report work was well advanced.

With the completion of these schemes there will be but few villages without a piped water supply, and the Council are to be congratulated on the expediency with which the schemes have been carried out. Whatever the decision may be regarding a County Water Board, it is true to say that Brixworth District will be almost completely supplied with piped water within the space of the next year or so.

Table at end of report gives full details of water supply.

**Sewage Disposal**—There have been no major schemes during the year. The Consulting Engineers have carried out a survey of the existing sewage disposal works, and prepared plans, etc., for the construction of up-to-date works, in accordance with the schedule approved by the Council. Many of the present sewage disposal works are out-of-date, grossly overloaded, and even with the maximum of supervision and labour, cannot possibly produce an effluent in accordance with the required standards. Furthermore, it is the Council's policy to proceed with the building of new houses in those parishes having piped water and sewerage disposal plants—the old sewage works at present in existence in many of the villages could not cope with the additional sewage from new houses. It is to be hoped that some of them can be dealt with in the near future.

The addition of piped water supplies, as shown in the preceding paragraph, to the villages named will almost certainly lead to many households installing flush water closets, which will aggravate the present problem of overloaded sewage works until the new works are constructed.

Table at end of report gives details of drainage and sewerage for each village.

**Disinfection**—Concurrent and terminal disinfection by means of gaseous and liquid disinfectants is carried out in homes where infectious disease is notified.

**Disinfestation**—In four cases disinfestation of premises was carried out following complaints of their verminous condition.

**Eradication of Bed Bugs**—No cases of infestation by bed bugs received treatment during the year.

**Moveable Dwellings**—No licences were granted by the Council under the Public Health Act, 1936, Sec. 269.

**Rats and Mice (Destruction) Act, 1919**—The County Council, as the Authority under the Act, has delegated their powers as provided under Sect. 2 (2) to this Council. A number of rat infestations have been dealt with in conjunction with the County Pests Officer, employed by the N.A.E.C. The Council's refuse tips are treated by the N.A.E.C. as necessary at an annual charge of £5 per tip.

**Public Cleansing**—Refuse is collected throughout the District monthly, except in the case of Devon View and Whitehills Estate Districts of Boughton parish where a fortnightly collection is made.

## SECTION D.

### HOUSING.

The Housing shortage remains the most acute problem. Construction of new Council Houses was much in advance of 1946, but at the rate of building in 1947 it will be many years before the needs of the District are adequately met.

During 1947 the number of new Council Houses under construction was 124 and 58 were completed during the year.

27 houses were erected by private enterprise during the same period.

A survey of all the Working Class Houses in the District was completed during the year, under the terms of the Hobhouse Report.

The Houses surveyed were provisionally placed in five categories, viz :—

- Cat. 1. Houses which were in all respects fit.
- „ 2. Houses with only minor defects.
- „ 3. Houses requiring repair, structural alteration, or improvement—not eligible for assistance under the former Housing (Rural Workers) Acts.
- „ 4. Houses requiring repair, structural alterations or improvement eligible for assistance under the former Housing (Rural Workers) Act.
- „ 5. Houses which were unfit for human habitation and beyond repair at a reasonable cost.

The following table shows the categories into which the houses have provisionally been placed, in the parishes concerned. Out of a total of 3444 houses inspected, 745 are considered unfit for human habitation and incapable of being rendered so fit. This is 21·3% of all houses inspected.



Parish.	Estimated No. of Working Class Houses in 1945.	No. of houses surveyed.	Classification			
			I	II	III & IV	V
Althorp	8	8	—	1	7	—
Arthingworth	57	49	—	12	7	30
Boughton	295	250	—	203	27	20
Brampton, Chapel	49	59	—	16	41	2
Brampton, Church	51	35	—	21	14	—
Brington	159	148	—	15	98	35
Brixworth	365	354	—	248	65	41
Clipston	126	122	—	42	40	40
Cold Ashby	57	52	—	16	12	24
Cottesbrooke	43	39	—	14	19	6
Creaton	85	80	—	22	34	24
Draughton	24	19	—	7	6	6
East Farndon	54	45	—	20	19	6
East Haddon	106	96	—	48	24	24
Great Oxendon	59	56	—	27	20	9
Guilsborough	89	82	8	49	16	9
Hannington	31	27	—	4	15	8
Harlestone	108	101	6	21	55	19
Hazelbeach	21	19	—	3	16	—
Holcot	84	76	—	27	28	21
Holdenby	30	25	—	11	7	7
Hollowell	30	24	—	18	2	4
Kelmarsh	27	21	—	10	6	5
Lampport	30	22	—	10	9	3
Hanging Houghton	19	19	—	9	2	8
Maidwell	28	26	—	11	6	9
Hothorpe & Marston Trussell	28	24	—	14	7	3
Moulton	583	561	—	367	96	98
Naseby	87	80	—	37	32	11
Old	65	59	—	22	16	21
Overstone	56	53	—	32	12	9
Pitsford	107	101	—	49	15	37
Ravensthorpe	52	46	—	9	18	19
Coton	14	11	—	6	1	4
Scaldwell	70	63	—	24	9	30
Sibbertoft	56	50	—	27	19	4
Spratton	185	160	—	99	23	38
Sulby	5	5	—	—	5	—
Thornby	27	25	—	4	18	3
Walgrave	174	157	—	74	42	41
Welford	206	195	—	60	68	67
<b>TOTALS</b>	<b>3750</b>	<b>3444</b>	<b>14</b>	<b>1709</b>	<b>976</b>	<b>745</b>

It is still true to say that certain condemned houses are still being occupied, and in some cases the properties are deteriorating very rapidly, and the tenants are suffering great discomfort.

The general standard of cleanliness and maintenance of the Council properties is quite good. There are of course a small number of cases where conditions are, however, rather unsatisfactory. Every effort is made in such cases to improve the general conditions, and a number of visits have been paid during the year for this purpose.

## SECTION E.

### INSPECTION AND SUPERVISION OF FOOD.

**Milk and Dairies Order, 1926**—The number of cowsheds on the Register at 31st December, 1947, was 177. Periodic inspections were carried out the by Sanitary Inspectors, usually coinciding with the visits for the purpose of milk sampling.

Cowsheds inspected .....	111
Cowsheds—defects found and remedied .....	6
No. of milk samples taken .....	84

**Milk Sampling**—Samples have been taken from dairies and during the course of delivery to the consumers throughout the year, and submitted to the County Laboratory for bacteriological tests for cleanliness and keeping qualities. Whilst the Milk and Dairies Order 1926, does not prescribe any bacteriological standards, the reports on the samples give some indication to producers and retailers of the standard of cleanliness they attain in producing clean milk and its keeping qualities.

The bacteriological test used is the Methylene Blue Reduction Test and standards on which milks are classified are as follows :—

#### WINTER.

<i>Decolourisation in less than 4 hours</i>	<i>Decolourisation in 4—5½ hours.</i>	<i>Decolourisation after 5½ hours</i>
Bad.	Moderate.	Good.

**Food Premises**—9 Bakehouses were inspected during the year.

**Meat Inspection**—Owing to the fact that meat is now slaughtered in Northampton and Market Harborough and sent out to the various butchers within the District, very little meat is now inspected. From time to time unsound meat is reported to the Sanitary Inspector and is then examined.

Careful attention is being paid to the method of delivering meat to the District, in some cases the vans delivering meat have been found to be unsatisfactory.

## SECTION F.

### PREVALENCE OF AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Notifications of the following infectious diseases were received during the year. Period distribution and parish distribution tables are to be found at the end of the report.

<i>Disease.</i>	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>	<i>Rate per 1000 population</i>	
				<i>Brix- worth</i>	<i>Eng. &amp; Wales.</i>
Acute Primary					
Pneumonia .....	1	2	3	0·13	
Lobar Pneumonia .....	1	—	1	0·06	0·79
Influenzal Pneumonia .....	—	1	1	0·06	
Measles .....	75	80	155	9·85	9·41
Scarlet Fever .....	14	19	33	2·09	1·37
Anterior Poliomyelitis .....	2	3	5	0·31	—
Dysentery Sonne .....	—	1	1	0·06	—
Erysipelas .....	1	1	2	0·12	0·19
Diphtheria .....	—	—	—	—	0·13
Typhoid .....	—	—	—	—	0·01
Whooping Cough .....	14	21	35	2·22	2·22
Peuperal Pyrexia .....	—	—	—	—	—
Ophthalmia Neonatorum .....	—	—	—	—	—
<b>TOTALS.....</b>	<b>108</b>	<b>128</b>	<b>236</b>		

**Scarlet Fever**—Thirty-three cases were reported during the year, of these twenty-four were removed to the Isolation Hospital at Kettering, and nine were isolated at home. No deaths were recorded.

**Typhoid Fever**—No cases were notified during the year.

**Diphtheria**—There were no cases of Diphtheria during the year.

**Diphtheria Immunisation—**

**Immunisation in relation to the child population.**

The following table gives the number of children who had completed a full course of immunisation against Diphtheria up to 31st December, 1947.

Age at 31-12-47 Year Born	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-42	10 to 14 1933-47	Total under 15
Number immunised	3	129	170	212	185	905	932	2536
Estimated mid-year population 1947	1335					1938		3273
Percentage	52					95		77

A comparison with the similar table in 1946 report will show that the figures for the immunisation of the child population continues to improve. The above table does not allow for the numbers of children who may be immunised by general practitioners under private arrangements.

Immunisation is carried out at all the Infant Welfare Centres in the District, viz., Welford, Brixworth, Moulton and also at sessions of school medical inspection when required.

Application for immunisation can be made to the County Council Health Visitor, or arrangements can be made with private general practitioners under the County Council Scheme.

**Measles**—155 cases were reported during the year, the highest total for many years. The infection was of a mild type and no deaths were reported.

**Whooping Cough**—Thirty-five cases of whooping cough were reported and one death was notified.

**Poliomyelitis**—The epidemic of this disease, which swept over England and Wales during the summer and autumn of 1947, was fortunately not severe in this District. Five patients were removed to hospital, three of which were ultimately proved not be suffering from the disease, one was an abortive case with no residual defects. One case proved fatal, in five days from the onset of the disease.

VITAL STATISTICS—SUMMARY FOR PREVIOUS YEARS

Year	Estimated Population	Births		Deaths			
				Under 1 Year		All Ages	
		No.	Rate	No.	Rate	No.	Rate
1936	14670	211	14·5	8	38	211	14·4
1937	14990	208	13·9		58	193	12·9
1938	14990	208	13·9			169	11·3
1939	14990	243	16·3		28	199	13·0
1940	16170	246	15·2		40·8	210	12·9
1941							
1942	16510	290	17·56		31·03	195	11·8
1943		282	17·47		49·64	241	14·93
1944		325	20·23		39·91	242	15·06
1945	15530	279	17·9		53·0	187	12·04
1946	15600	321	20·58	10	31·15	203	13·01
1947	15740	338	21·47	10	29·58	211	13·46

## SUMMARY OF SANITARY INSPECTOR'S INSPECTIONS.

Housing ....	1898
Butcher's Shops .....	6
Bakehouses .....	9
Factories and Workshops .....	6
Caravans....	9
Cowsheds and Dairies .....	111
Water Supplies ....	542
Infectious Diseases .....	116
Verminous Premises .....	36
Defective Drainage .....	353
Defective Premises .....	221
TOTAL .....	3307

### *Notices served :—*

Informal—Section 92, Public Health Act, 1936 .....	34
Statutory— „ „ „ „ .....	3

## HOUSING.

### 1. Inspection of Dwelling houses during the year :—

1.	(a) Number of dwelling houses inspected for defects under Public Health or Housing Acts	1619
	(b) Inspections made for the purpose	1898
2.	(a) Number of dwelling houses inspected and recorded under Housing Consolidated Regs. 1925/32	—
	(b) Inspections made for the purpose	—
3.	Number of dwelling houses found to be in state dangerous or injurious to health as to be unfit for human habitation	478
4.	Dwelling houses (exclusive of those under preceding subheading) not in all respects reasonably fit for habitation	695

### 2. Remedy of Defects during the year without the service of Formal Notice :—

Number of Houses rendered fit in consequence of action by Local Authority or Officers :

Housing Act	—
Public Health Act	14

### 3. Action under Statutory Powers during the year :—

*A. Proceedings under Sections 9, 10 and 16 Housing Act, 1936 :—*

1.	Dwelling houses in respect of which notices were served requiring repairs	—
2.	Dwelling houses rendered fit after service of Formal Notice :	
	(a) By Owners	—
	(b) By Local Authority in default of owners	—

*B. Proceedings under Public Health Acts :—*

1.	Dwelling houses in respect of which notices were served requiring defects to be remedied	21
2.	Dwelling houses in which defects were remedied after service of formal notices :—	
	(a) By Owners	21
	(b) By Local Authority in default of owners	—

<i>C. Proceedings under Sec. 11 and 13 of the Housing Act, 1936 :</i>		
1.	Dwelling houses in respect of demolition Order	—
	Dwelling houses demolished	—
<i>D. Proceedings under Sec. 12 of the Housing Act, 1936 :</i>		
1.	Separate tenements or underground rooms in respect of which Closing Orders were made	—
	No. of separate tenements or underground rooms in respect of which Closing Orders were determined	—
(a)	Number of dwellings overcrowded	34
(b)	Number of families dwelling therein	—
(c)	Number of persons dwelling therein	—
(d)	Number of cases of overcrowding reported	1
(e)	Number of cases of overcrowding relieved	1
(f)	Number of persons concerned in such cases	—
<i>E. Proceedings under Sections 25 and 26 of Housings Act, 1936 :</i>		
1.	Number of houses dealt with under Section 25	8
2.	Number of Clearance Orders made under Section 26	2
3.	Number of families living in Clearance Areas	5



SAMPLES OF MILK TAKEN FOR CLEANLINESS TESTS.

TABLE I.

<i>Month</i>	<i>Number</i>	<i>Good</i>	<i>Moderate</i>	<i>Bad</i>
January ....	6	6	—	—
February ....	—	—	—	—
March ....	6	5	—	1
April ....	6	4	1	1
May ....	12	10	1	1
June ....	6	5	1	—
July ....	12	7	4	1
August ....	6	—	1	5
September ....	6	6	—	—
October ....	6	2	4	—
November ....	12	11	1	—
December ....	6	6	—	—
<b>TOTALS</b> ....	<b>84</b>	<b>62</b>	<b>13</b>	<b>9</b>

TUBERCULOSIS.

Age and Sex distribution of Cases and Deaths—1947.

TABLE II.

<i>Age Groups.</i>	<i>New Cases.</i>				<i>Deaths.</i>			
	<i>Pulmonary.</i>		<i>Other.</i>		<i>Pulmonary.</i>		<i>Other.</i>	
	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>
0 ....	—	—	—	—	—	—	—	—
1— ....	—	—	—	—	—	—	—	—
5— ....	1	1	1	—	—	—	—	—
15— ....	—	1	1	—	—	—	1	—
20— ....	3	2	—	—	—	—	—	—
25— ....	1	1	—	—	1	1	—	1
35— ....	1	2	—	—	—	—	—	—
45— ....	1	—	—	—	1	—	—	—
55—....	—	—	—	—	—	1	—	—
65 and over	—	2	—	—	—	1	—	—
Age Unknown	—	—	—	—	—	—	—	—
TOTAL ....	7	9	2	—	2	3	1	1

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES.  
(other than Tuberculosis)

TABLE III

	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
Scarlet Fever	1	1	2	1	2	1	1	—	9	6	3	5	32
Diphtheria	—	—	1	—	—	—	—	—	—	—	—	—	1
Whooping Cough	—	12	4	—	—	—	1	1	5	5	1	7	36
Erysipelas	—	—	—	—	—	—	—	—	1	—	—	—	1
Lobar Pneumonia	—	1	—	—	—	—	—	—	—	—	—	—	1
Influenzal Pneumonia	—	1	—	—	—	—	—	—	—	—	—	—	1
Primary Pneumonia	—	—	—	—	—	—	—	—	—	1	—	2	3
Measles	1	1	2	—	3	—	42	36	5	1	22	43	156
Poliomyelitis	—	—	—	—	—	—	—	2	3	—	—	—	5
Dysentery Sonne	—	—	—	—	—	—	—	—	—	1	—	—	1
	2	16	9	1	5	1	44	39	23	14	26	57	237

MONTHLY INCIDENCE OF INFECTIOUS DISEASES  
IN PARISHES

TABLE IV.

	January	February	March	April	May	June	July	August	September	October	November	December
1. Althorp ....	—	—	—	—	—	—	3	—	—	—	—	1
2. Arthingworth ....	—	—	—	—	—	—	—	—	—	—	—	—
3. Boughton ....	—	—	—	1	—	—	6	6	1	—	3	13
4. Brampton, Chapel ....	—	—	—	—	—	—	1	3	—	—	—	—
5. Brampton, Church ....	—	—	—	1	—	—	1	5	1	—	1	1
6. Brington ....	—	—	—	—	—	—	—	—	1	—	—	—
7. Brixworth ....	—	1	—	—	2	—	1	—	1	—	3	3
8. Clipston ....	—	—	—	—	—	—	—	—	—	—	—	—
9. Cold Ashby ....	—	—	—	—	—	—	—	—	—	—	—	—
10. Cottesbrooke ....	—	1	—	—	—	—	—	—	—	1	—	—
11. Creaton ....	—	—	—	—	—	—	2	—	—	—	—	—
12. Draughton ....	—	—	—	—	—	—	—	—	—	—	—	—
13. East Farndon ....	—	—	—	—	—	—	3	—	—	—	—	—
14. East Haddon ....	—	—	—	—	—	—	6	2	1	—	—	1
15. Great Oxendon ....	—	—	—	—	—	—	2	—	—	—	—	—
16. Guilsborough ....	—	6	—	—	—	—	—	2	2	—	9	10
17. Hannington ....	—	—	—	—	—	—	—	—	—	—	1	—
18. Harlestone ....	1	—	—	—	—	—	—	—	—	—	—	3
19. Hazelbeach ....	—	—	—	—	—	—	—	—	—	—	—	—
20. Holcot ....	—	—	—	—	—	—	—	—	—	—	—	—
21. Holdenby ....	—	—	—	—	—	—	1	4	—	—	—	—
22. Hollowell ....	—	—	—	—	—	—	—	—	—	—	—	4
23. Kelmarsh ....	—	—	—	—	—	—	1	—	—	—	—	—
24. Lamport ....	—	—	—	—	—	—	—	—	—	—	—	—
25. Maidwell ....	—	—	—	—	—	—	—	—	—	—	—	—
26. Marston Trussell ....	—	—	—	—	—	—	1	—	—	—	—	—
27. Moulton ....	1	2	4	—	1	1	2	1	9	12	9	13
28. Naseby ....	—	—	—	—	—	—	3	4	1	—	—	—
29. Old ....	—	—	—	—	—	—	—	—	—	—	—	—
30. Overstone ....	—	—	—	—	—	—	—	—	—	—	—	2
31. Pitsford ....	—	—	—	—	—	—	—	—	4	—	—	4
32. Ravensthorpe ....	—	—	—	—	—	—	—	2	1	—	—	—
33. Scaldwell ....	—	—	—	—	1	—	—	—	—	—	—	—
34. Sibbertoft ....	—	—	—	—	—	—	—	2	1	—	—	—
35. Spratton ....	—	—	—	—	—	—	10	8	—	—	1	2
36. Sulby ....	—	—	—	—	—	—	—	—	—	—	—	—
37. Thornby ....	—	—	—	—	—	—	—	—	—	—	—	—
38. Walgrave ....	—	5	2	—	1	—	1	—	—	—	—	—
39. Welford ....	—	—	3	—	—	—	—	—	—	—	—	—
	2	15	9	2	5	1	44	39	23	13	27	57

Total number for District — 237.

TABLE V.

Parish	Population— 1931 Census	Total No. of houses in Parish	No. of houses served		Sources		Reservoirs	
			Water laid on	Stand Pipes	Springs	Wells	Site	Capacity
Althorp	71	3	3	—	—	—	Harlestone.	Private supply.
Arthingworth	165	57	10	47	Yes (in parts)	Yes	Small service reservoir in village.	
Boughton	602	518	422	30	—	—	Supplied by Northamp- ton Corporation (in statutory area) from Boughton Reservoir.	5,000,000 gallons
Brampton Chapel	230	70	64	—	—	—	Supplied by Northamp- ton Corporation (in statutory area) from Ravensthorpe Reservoir.	
Brampton, Church	187	53	47	—	—	—	ditto.	
Brington	562	172	150	—	—	—	Private supply, Brington.	180,000 gallons.
Brixworth	1173	447	327	7	—	—	Supplied in bulk by Northampton Corpora- tion from Ravens- thorpe Reservoir.	
Clipston	408	158	—	—	—	—		
Cold Ashby	249	72	—	—	—	—		
Cottesbrooke	213	61	52	—	—	—	Supplied in bulk by Northampton Corpora- tion from Reservoir.	
Creaton	324	109	14	70	Yes	—	Collecting tank near village green.	5,000 gallons
Draughton	90	27	—	—	—	—		
East Farndon	236	69	—	—	—	—		
East Haddon	413	138	104	12	Yes	—	Collecting tank off Ravensthorpe Road.	10,000 gallons
Guilsborough	466	157	20	—	—	Yes	Private supply from well.	
Hannington	114	45	30	—	—	—	Supplied in bulk by Northampton Corpora- tion from Reservoir.	
Harlestone	511	155	146	—	—	—	Private supply— Harlestone	2-30,000 gallons covered storage tanks.
Haselbech	106	33	—	—	—	—		
Holcot	305	110	83	—	—	—	Supplied in bulk by Northampton Corpora- tion from Reservoir.	
Holdenby	181	38	—	—	—	—		
Hollowell	322	71	18	32	Yes	—	Collecting tank in village.	5,000 gallons
Kelmarsh	127	32	32	—	—	—	Private supply.	

Piped Water Supplies

Parish	Population 1931 Census	Total No. of houses in Parish	No. of houses served				Sources		Reservoirs	
			Water laid on	Stand Pipes	Springs	Wells	Site	Capacity		
Lampport	263	78	—	—	—	—				
Maidwell	128	43	—	—	—	—				
Marston Trussell	190	55	—	—	—	—				
Moulton	1638	742	270	—	—	—	Supplied by Northampton Corporation in statutory area.			
Naseby	399	125	—	—	—	—				
Old	291	84	54	—	—	—	Supplied in bulk by Northampton Corporation Reservoir.			
Overstone	235	78	32	—	—	—	Within Northampton Corporation statutory area.			
Oxenden, Great	253	73	—	—	—	—				
Pitsford	470	155	84	—	—	—	Supplied in bulk by Northampton Corporation Reservoir.			
Ravensthorpe	364	113	—	—	—	—				
Scaldwell	286	85	58	—	—	—	Bulk supply from Reservoir.			
Sibbertoft	197	76	—	—	—	—				
Spratton	681	216	40	—	—	—	Small Scheme from Local Springs—supplied by pressure tank to Council Houses.			
Sulby	98	22	—	—	—	—				
Thornby	181	54	—	—	—	—				
Walgrave	659	188	153	—	—	—	Bulk supply from Reservoir.			
Welford	761	242	—	—	—	—				

DETAILS OF HOUSES CONNECTED TO THE PUBLIC SEWER

TABLE VI.

<i>Parish.</i>	<i>No. of Houses connected to Sewer.</i>	<i>No. of Houses not connected to Sewer.</i>	<i>Total.</i>
Althorp ....	—	3	3
Arthingworth ....	53	4	57
Boughton ....	453	65	518
Brampton, Chapel ....	59	11	70
Brampton, Church ....	45	8	53
Brington ....	151	21	172
Brixworth ....	424	23	447
Clipston ....	139	19	158
Cold Ashby ....	61	11	72
Cottesbrooke ....	57	4	61
Creaton ....	78	31	109
Draughton ....	23	4	27
East Farndon ....	61	8	69
East Haddon ....	134	4	138
Great Oxendon ....	56	17	73
Guilsborough ....	116	41	157
Hannington ....	22	23	45
Harlestone ....	121	34	155
Haselbech ....	—	33	33
Holcot ....	93	17	110
Holdenby ....	32	6	38
Hollowell ....	68	3	71
Kelmarsh ....	—	32	32
Lamport ....	—	78	78
Maidwell ....	14	29	43
Marston Trussell ....	36	19	55
Moulton ....	583	178	761
Naseby ....	104	21	125
Old ....	80	4	84
Overstone ....	61	17	78
Pitsford ....	144	11	155
Ravensthorpe ....	105	8	113
Scaldwell ....	77	8	85
Sibbertoft ....	69	7	76
Spratton ....	199	17	216
Sulby ....	—	22	22
Thornby ....	—	54	54
Walgrave ....	173	15	188
Welford ....	225	17	242
	4116	927	5043

