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WELLINGBOROUGH RURAL  
DISTRICT



ANNUAL REPORT

of the

Medical Officer of Health

for the

Year 1946



J. T. W. REID, M.B., Ch.B., D.P.H.





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DISTRICT



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# Wellingborough Rural District.

## Summary of Vital Statistics, 1946.

Area (acres)	..	..	..	..	..	..	33,115
Population 1931 (Census)	..	..	..	..	..	..	12,760
Population 1946	..	..	..	..	..	..	12,530
Number of separate dwellings occupied 1931 (census)	..	..	..	..	..	..	3,558
"    "    "    "    "    1946	..	..	..	..	..	..	3,995
Rateable value 1946	..	..	..	..	..	..	£61,113
Product of a penny rate, 1946	..	..	..	..	..	..	£235

<b>Live Births</b>				<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Rate</i>
Legitimate	..	..	..	196	100	96	
Illegitimate	..	..	..	23	11	12	
				219	111	108	
							17.47

<b>Stillbirths</b>				<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Rate</i>
Legitimate	..	..	..	5	4	1	
Illegitimate	..	..	..	—	—	—	
				5	4	1	
							.39

				<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Rate</i>
<b>Deaths (all causes)</b>	..	..	..	152	82	70	12.13

### Deaths from Puerperal Causes.

Puerperal and post-abortive sepsis	..	..	..	..	..	..	nil
Other puerperal causes	..	..	..	..	..	..	nil

### Infant Mortality—rate per thousand live births.

Legitimate	..	..	..	..	..	..	71.42
Illegitimate	..	..	..	..	..	..	43.47
Total	..	..	..	..	..	..	68.49

<b>Deaths from</b>	Cancer (All ages)	..	..	..	..	..	22
"    "	Measles (All ages)	..	..	..	..	..	nil
"    "	Whooping Cough (All ages)	..	..	..	..	..	nil
"    "	Diarrhoea (under 2 years)	..	..	..	..	..	1



# Wellingborough Rural District Council.

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## *Members of the Health and Sanitary Committee :*

MESSRS. F. HEWLETT, J.P. (*Chairman*), REV. F. A. SADLER (*Vice-Chairman*), MESSRS. E. BARKER, J.P., C.C., H. BARRETT, F. BUSWELL, G. KNIGHT, H. P. MARKHAM, C.C., T. REYNOLDS, G. T. THOMPSON, A. J. WARD and MRS. M. DALLAS, C.C.

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

MEDICAL OFFICER OF HEALTH :

JOSEPH THOMAS WILLIAM REID, M.B., Ch.B., D.P.H.

## *also holds appointments of :*

Medical Officer of Health, Borough of Higham Ferrers.

Medical Officer of Health, Wellingborough Urban District.

Medical Officer of Health, Rushden Urban District.

Medical Officer of Health, Irthlingborough Urban District.

Assistant School Medical Officer.

## *Sanitary Inspector, Meat Inspector, etc. :*

GEOFFREY HERBERT COWLES, Certified S.I.B.

PUBLIC HEALTH DEPARTMENT,  
SWANSPOOL,  
WELLINGBOROUGH.  
*September, 1947.*

**To the Chairman and Councillors of the Rural District Council of  
Wellingborough.**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I herewith present my first Annual Report on the Health and Sanitary Circumstances of the district for the year, 1946.

The vital statistics are generally satisfactory. The birth rate is in excess of the death rate by 5.34 per thousand. The infant mortality rate of 68.49 is high.

The incidence of zymotic disease gave no cause for anxiety.

The Sanitary circumstances have not altered during the past year. Progress with the schemes for water and sewerage throughout the district has been good.

3,089 houses have been inspected out of the 3,995 houses within the Rural District. 20% of all the houses surveyed are considered to be in Category 5—unfit for human habitation.

In conclusion I wish to thank the Councillors and Officers for their support and assistance offered to me since my appointment as Medical Officer of Health in August, 1946. I wish to record my sincere and grateful thanks to Dr. Arthur, my predecessor.

Your obedient servant,

J. T. W. REID,  
*Medical Officer of Health.*



## SECTION A.

### NATURAL AND SOCIAL CONDITIONS.

**Area.**—The area of the district is 33,155 acres. The density of the authority is 2.6 acres per person and the housing factor is 3.1 persons per house.

**Population.**—The Registrar-General has estimated the resident population for the mid-year 1946 to have been 12,530 persons. The natural increase in population, the excess of births over deaths, amounts to 67 in 1946.

**Deaths.**—The total number of deaths assigned to the district after the adjustment of outward and inward transferable deaths by the Registrar-General was 152. The recorded death rate based on the estimated population was 12.13 per thousand. The rate for England and Wales is 11.5 and that for the County is 12. The list of the causes of death classified according to the International List of Causes of Death (1938) is given in Table No. 1 page 12.

**Births.**—The number of live births was 219, thus giving a rate of 17.47 per thousand of the population. The rate for the County is 19.17, and that for England and Wales is 19.1.

**Stillbirths.**—The number of stillbirths registered was 5 (4 boys and 1 girl). This number is equivalent to .39 per thousand of the population as compared with .53 for England and Wales.

**Illegitimate Birth Rate.**—23 illegitimate live births were registered. This number gives a rate of 105.02 per thousand live births.

**Maternal Mortality.**—It is gratifying to record that no deaths were ascribed to puerperal causes or other conditions associated with childbirth.

**Infant Mortality.**—The number of infants who died before attaining their first birthday was 15 (10 males and 5 females). All the infants were legitimate with the exception of one boy. The equivalent rate per 1,000 live births was 68.49 which is much higher than 36.86, the rate for the County, and 43 which is the rate for the whole country.

**Neonatal Mortality.**—This sub-division of the infant mortality rate includes all infants who die within 28 days of independent existence. There were 10 deaths in this group. The rate per 1,000 live births was 45.6.

## SECTION B.

### GENERAL PROVISION OF HEALTH SERVICES.

**Laboratory Facilities.**—The laboratory work associated with the diagnosis and control of infectious diseases is carried out at the Emergency Public Health Laboratory at Northampton General Hospital.

**Diphtheria Antitoxin.**—A supply of antitoxin is kept at the Public Health Department, Swanspool and also at the Fever Hospital, Wellingborough. It is available, free of charge, to medical practitioners for use in the district.

**Ambulance Facilities.**—This is provided by S. John's Ambulance Brigade. There are two divisions, one in Wellingborough with 3 ambu-



lances and one in Finedon with 1 ambulance. They serve both the Rural and Urban Districts of Wellingborough. The Ambulances made 602 journeys during the year and the approximate mileage covered was 13,569. Infectious Diseases are removed by the Ambulance of the Joint Isolation Hospital, Wellingborough.

**Nursing in the Home.**—The following list gives details of the work which has been carried out by the Midwives and General Nurses in the District of which there are 11 :—

<i>Association</i>	<i>Cases Nursed</i>			<i>Total Visits</i>
	<i>General</i>	<i>Midwifery</i>	<i>Maternity</i>	
Irchester .. .. .	49	12	14	1,845
Wollaston .. .. .	107	3	9	5,187
Earls Barton & Ecton ..	127	8	20	2,397
Wilby, Gt. Doddington, Mears Ashby, Sywell and Hardwick .. .. .	110	17	15	3,226
Orlingbury, Gt. & Little Harrowden, Isham ..	10	8	6	364
Newton Bromswold ..	—	—	1	16
Bozeat, Grendon, Easton Maudit .. .. .	25	10	13	837
Total .. .. .	428	58	78	13,872

**Hospitals.**—There are no hospitals in the district.

**Treatment Centres and Clinics.**—Child Welfare Clinics provided by the County Council are held twice a month at the following villages, Earls Barton, Irchester, and Wollaston. Diphtheria immunisation is carried out at these clinics on the day on which the doctor is in attendance.

**Hospital Accommodation for Infectious Diseases.**—The Local Authority is one of the constituent Authorities of the East Northants Joint Hospital Board. There were 6 patients admitted from the Rural District during 1946. The precept levied by the Joint Hospital Board was £395 for 1945-46.

## SECTION C.

### SANITARY CIRCUMSTANCES OF THE AREA.

**Water Supply.**—The following parishes receive their water from the Higham Ferrers Joint Water Board and this water is filtered and Chlorinated ;—Great Doddington, Irchester and Wollaston. Sywell is supplied by the Northampton Borough Water Department. There is a piped supply which is not chlorinated or filtered to Easton Maudit, Ecton, Grendon, Hardwick, Little Harrowden, Isham, Orlingbury, Wilby and Newton Bromswold. The piped supply to Earls Barton is chlorinated. Four parishes are dependant on wells. These are, Great Harrowden, Bozeat, Strixton and Mears Ashby. Good progress has been made in the preparation of water schemes in the District during 1946. The parishes which will benefit are Bozeat, Strixton and Ecton. The schemes were prepared by Messrs. Pick, Everard, Keay and Gimson, Consulting Civil Engineers. The estimated cost for Bozeat is £10,400, Ecton, £6,500.



The plans for an auxillary supply to Isham at a cost of £1,600 were prepared by the Council's Surveyor. The provision of a piped supply to Mears Ashby is being considered.

**Sewage Disposal, Drainage and Sewerage.**—A number of the parishes are supplied with a fairly adequate sewerage system but many have no proper drainage system and discharge into sewer ditches and septic tanks. On the whole the various sewage farms were satisfactorily maintained. They require careful and constant supervision.

Sewage Schemes were prepared for submission to the Ministry for Bozeat, Grendon, and a combined scheme for Great and Little Harrowden and Orlingbury. A scheme was prepared for the sewerage of Sywell including Overstone Heights.

All the above plans were prepared by Messrs. Pick, Everard, Keay and Gimson, Consulting Civil Engineers.

**Swimming Baths.**—There are two open-air pools in the district, one at Wilby and the other at Overstone. In both cases the water is subjected to continuous filtration and chlorination.

**Disinfection.**—Concurrent and terminal disinfection is carried out by means of gaseous and liquid disinfectants in the homes where infectious disease is notified. Details of the work carried out is given in Table No. 13. Page 22.

**Eradication of Bed Bugs.**—No action was found necessary.

**Rats and Mice (Destruction) Act, 1919, Infestation Order, 1943.**—Advice and assistance have been given by the Sanitary Inspector in appropriate cases.

**Public Cleansing.**—The scheme for the collection of refuse is as follows :

<i>Weekly.</i>	<i>Parish.</i>	<i>Day.</i>	<i>Tip.</i>
	Bozeat.	Thursday .	Bozeat.
	Earls Barton.	Thursday and Friday.	Earls Barton.
	Ecton.	Thursday.	Earls Barton.
	Grendon.	Friday.	Grendon.
	Lt. Harrowden.	Wednesday.	Lt. Harrowden.
	Irchester.	Monday and Wednesday.	Irchester.
	Isham.	Friday.	Finedon.
	Wilby.	Thursday.	Earls Barton.
	Wollaston.	Tuesday.	Wollaston.
<i>Fortnightly.</i>	Gt. Doddington.	Saturday.	Gt. Doddington.

Refuses from the Parishes of Easton Maudit, Hardwick, Great Harrowden, Strixton and Sywell are collected at less frequent intervals by Contractors to the Council. The weekly and fortnightly collections are carried out by the Council's motor vehicle.

A "Lewin" refuse collector was ordered in 1946 and delivery is awaited.

Further details of the work carried out by the Sanitary Insepctor is given in Table No. 13. Page 22.



## SECTION D.

### HOUSING.

On 31st December, 1946 there were 534 applicants for Council houses. During 1946, approval was given by the Ministry of Health for the erection of 96 permanent houses, all of which were commenced and 4 were completed. By the end of the year a further 20 were almost complete. The rate of progress in building was much slower than anticipated owing to the difficulty in obtaining materials. Under Private Enterprise 31 licences were granted and 5 houses were completed. Approval was given to convert 5 houses into 8 dwellings and 4 were completed by the end of the year.

The number of houses inspected under the Rural Housing Survey during 1946 was 3,089 which have been classified as follows :—

685 Category I	..	(i.e. houses in all respects fit for human habitation).
1,060 Category II.	..	(i.e. houses where minor defects exist which can be remedied either by informal action or action under the Public Health Act, 1936).
725 Category III.	..	(i.e. houses not in all respects fit for human habitation, but which are capable of being made fit at a reasonable cost).
619 Category V.	..	(i.e. houses which are unfit for human habitation and incapable of being made fit at a reasonable cost.).

Full details of the Survey carried out as at 31st December, 1946, will be found in Table No. 12. Page 21.

## SECTION E.

### INSPECTION AND SUPERVISION OF FOOD.

**Milk and Dairies Order 1926.**—The number of cowsheds on the register as at 31st December, 1946 was 86 and the following inspections were carried out by the Sanitary Inspector :

Cowsheds Inspections made	..	..	..	..	..	178
Cowsheds Defects found and remedied	..	..	..	..	..	32
Cowsheds reconditioned	..	..	..	..	..	3
Samples of Milk taken	..	..	..	..	..	120
						<hr/> 333

**Milk Supply.**—Samples of Milk taken during the course of delivery to the consumers have been submitted at regular intervals to the County Laboratory for examination as to cleanliness and keeping quality. The samples were submitted to the Methylene Blue Test. The number of samples submitted and the classification of the results were :

<i>Classification</i>				<i>No.</i>
Good	..	..	..	117
Moderate	..	..	..	1
Bad	..	..	..	2
				<hr/> 120



Further details of the results of the tests are given in Table No. 14 Page 23.

**Food Premises.**—The following visits of Inspections were made by the Sanitary Inspector :—

Visits to Slaughterhouses	..	..	35
Visits to Butchers' Shops	..	..	24
Visits to Bakehouses	..	..	17
			<hr/> 76 <hr/>

During the year 180 lbs. of tinned and other foods have been condemned as unfit for human consumption.

**Meat Inspection.**—All the meat for the majority of the district is slaughtered and inspected at the Co-operative Abattoir, Rushden, which was taken over by the Ministry of Food in January, 1940. The meat sold in Isham and Ecton is slaughtered at Kettering and Northampton respectively.

## SECTION F.

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

**Smallpox.**—No cases were notified.

**Scarlet Fever.**—There were 11 notifications received and one patient was admitted to hospital.

**Diphtheria Immunisation.**—This is carried out at the Welfare Clinics. The following table gives progress of immunisation amongst the child population as at 31st December, 1946 :

#### Immunisation in Relation to Child Population.

Number of children who had completed a full course of Immunisation at any time up to 31st December, 1946.

Age at 31.12.46 i.e. Born in Year ...	<i>Under</i>					5 to 9	10 to 14	Total
	1	1	2	3	4			
	1946	1945	1944	1943	1942	1937-1941	1932-1936	<i>under 15</i>
Number Immunised	1	117	121	134	136	733	804	2,046
Estimated mid-year population 1946	1,010					1,690		

The above statistics take no account of children immunised by private arrangement.

**Diphtheria.**—Three cases were notified. Two were children, one of whom had been immunised. The other patient was an adult.

**Puerperal Pyrexia.**—No cases were notified under the Puerperal Pyrexia Regulations, 1939.



**Pneumonia.**—The forms of "pneumonia" which are notifiable are Acute Primary and Influenzal Pneumonia. The number of cases notified was 8. The number of deaths assigned to Pneumonia (all forms) as the primary cause of death was 14.

**Erysipelas.**—Three cases were notified. They were all over 35 years of age.

**Measles.**—There were 4 cases notified.

**Whooping Cough.**—19 cases were notified. 14 of the cases occurred during the first 3 months of the year.

**Dysentery.**—42 notifications were received and these cases occurred during the first 5 months of the year. 34 cases were notified from Wollaston and 17 of these cases were confirmed bacteriologically. The cause was fully investigated but the source of the infection was not found.

**Ophthalmia Neonatorum.**—One case was notified.

**Typhoid Fever.**—There were two cases in August. They had picked up the infection while on holiday in Aberystwyth.

**Tuberculosis.**—During the year 19 cases of Tuberculosis were notified. 18 cases (10 male and 8 female) had Pulmonary manifestations and one male had a non-pulmonary lesion. 7 people died from Tuberculosis during the year. The age and sex incidence of new cases and deaths from the disease are given in Table No. 6. Page 15.

The mortality rate was .55 per thousand of the population as compared with .45 for the county.

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations 1925 (relating to persons suffering from Tuberculosis employed in the Milk trade), or under Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to hospital of persons suffering from tuberculosis), during 1946.

Full statistical details showing age, monthly and parish incidence, etc., for infectious diseases and tuberculosis are shown in Tables Nos. 6 to 19 Pages 15 to 19.

**The Mass Miniature Radiography Unit** was stationed at Wellingborough from March to May, 1946. 1,265 people from the Rural District were examined: they were mostly factory personnel. 15 people were referred to the Dispensary, 2 were found to be suffering from Active Pulmonary Tuberculosis, they were newly discovered and one of them had a positive sputum. 10 were found to be suffering from inactive pulmonary tuberculosis, 9 of whom required dispensary observation, and one did not. The remaining 3 persons were not suffering from tuberculosis.

The following is the summary from Dr. Smith's Report on the First Survey :—

"The findings of the first Mass Radiography Unit in the main industrial centres of the geographical County reveal that, compared with all other occupations, there is a statistically significant excess of newly discovered cases of active pulmonary tuberculosis in the boot and shoe industry; and further, that there are significantly higher rates in the clicking, lasting and finishing departments of the industry."



## SECTION G.

## STATISTICAL TABLES, 1946.

TABLE No. 1.

## CAUSES OF DEATH.

<i>Causes of Death.</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
1. Typhoid and para-typhoid Fevers ... ..	—	—	—
2. Cerebro-spinal Fever ... ..	—	—	—
3. Scarlet Fever ... ..	—	—	—
4. Whooping Cough ... ..	—	—	—
5. Diphtheria ... ..	—	—	—
6. Tuberculosis of respiratory system ... ..	3	2	5
7. Other forms of tuberculosis ... ..	—	2	2
8. Syphilitic diseases ... ..	—	—	—
9. Influenza ... ..	2	—	2
10. Measles ... ..	—	—	—
11. Acute polio-myelitis ... ..	—	—	—
12. Acute infective encephalitis ... ..	—	—	—
13. Cancer of buccal cavity and oesophagus (M)	—	—	—
uterus (F) ...	—	1	1
14. Cancer of stomach and duodenum ... ..	3	1	4
15. Cancer of breast ... ..	—	1	1
16. Cancer of all other sites ... ..	8	8	16
17. Diabetes ... ..	1	2	3
18. Intra-cranial vascular lesions ... ..	5	8	13
19. Heart Disease ... ..	27	18	45
20. Other diseases of circulatory system ... ..	—	3	3
21. Bronchitis ... ..	1	4	5
22. Pneumonia ... ..	9	4	13
23. Other respiratory diseases ... ..	1	1	2
24. Ulcer of stomach and duodenum ... ..	1	—	1
25. Diarrhoea under 2 years ... ..	1	—	1
26. Appendicitis ... ..	—	—	—
27. Other digestive diseases ... ..	3	2	5
28. Nephritis ... ..	4	3	7
29. Puerperal and post-abortive sepsis ... ..	—	—	—
30. Other maternal causes ... ..	—	—	—
31. Premature birth ... ..	1	4	5
32. Congenital malformations, birth injury and infantile diseases. ... ..	4	1	5
33. Suicide ... ..	4	1	5
34. Road traffic accidents ... ..	—	—	—
35. Other violent causes ... ..	1	1	2
36. All other causes ... ..	3	3	6
ALL CAUSES ... ..	82	70	152

# DEATHS FROM SELECTED CAUSES.

TABLE NO. 2.

Year	Non-Pulmonary Tuberculosis		Pulmonary Tuberculosis		Cancer		Diseases of Heart and Blood Vessels		Bronchitis Pneumonia and other Respiratory Diseases	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1946	2	·15	5	·39	22	1·75	61	4·86	20	1·59

# COMPARISON OF STILLBIRTHS, ILLEGITIMATE BIRTHS AND MASCULINITY OF BIRTH.

TABLE NO. 3.

Year	Stillbirths per 1,000		Illegitimate births per 1,000 live births	Male births per 1,000 live female births
	Population of all ages	Total births (live and still)		
1946	·39	22·32	105·02	1027·77

# VITAL STATISTICS FOR 1946.

TABLE NO. 4.

Year	Estimated Population	Births		Deaths			
				Under 1 year		All ages	
		No.	Rate per 1,000	No.	Rate per 1,000	No.	Rate per 1,000
1946	12,530	219	17·47	15	68·49	152	12·13



**BIRTH RATES, CIVILIAN DEATH RATES, ANALYSIS OF MORTALITY  
AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES FOR  
WELLINGBOROUGH RURAL DISTRICT AND ENGLAND AND WALES,  
1946.**

TABLE NO. 5.

	England and Wales	Wellingborough Rural District
Live Births .. ..	19.1	17.47
Stillbirths .. ..	.53	.39
<b>Deaths</b>		
All causes .. ..	11.5	12.13
Typhoid Fever .. ..	0.00	0.00
Scarlet Fever .. ..	0.00	0.00
Whooping Cough .. ..	0.02	0.00
Diphtheria .. ..	0.01	0.00
Influenza .. ..	0.15	0.15
Smallpox .. ..	0.00	0.00
Measles .. ..	0.00	0.00
Deaths under one year	43	68.49
<b>Notifications.</b>		
Typhoid Fever .. ..	0.01	.15
Paratyphoid Fever .. ..	0.02	0.00
Cerebro-spinal fever .. ..	0.05	0.00
Scarlet Fever.. ..	1.38	0.87
Whooping Cough .. ..	2.28	1.51
Diphtheria .. ..	0.28	0.23
Erysipelas .. ..	0.22	0.23
Measles .. ..	3.92	.31
Pneumonia .. ..	0.89	.63

# NEW CASES OF AND DEATHS FROM TUBERCULOSIS, 1946.

Table No. 6.

Age Periods	New Cases				Deaths.			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
—1								
—5								
—15		1	1					
—25	5	3				1		
—35	2	2			1			
—45	1							
—55		2			1			
—65	1				1			
65—	1					1		
TOTALS	10	8	1		3	2		2*

\* Assigned by the Registrar- General



**MONTHLY INCIDENCE OF NOTIFIABLE DISEASES.**  
(Other than Tuberculosis) 1946.

**Table No. 7.**

Disease	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
Scarlet Fever .. .. .	2								1	6		2	11
Pneumonia .. .. .	1	1	2	1	1		1		1				8
Measles .. .. .			1			1	1			1			4
Whooping Cough .. .. .	2	8	4						3	1		1	19
Erysipelas .. .. .			1			1					1		3
Puerperal Pyrexia .. .. .													
Diphtheria .. .. .							1	1	1				3
Dysentery .. .. .	15	13	2	9	3								42
Ophthalmia Neonatorum .. .. .					1								1
Typhoid .. .. .								2					2
TOTAL .. .. .	20	22	10	10	5	2	3	3	6	8	1	3	93

**AGE INCIDENCE OF NOTIFIABLE DISEASES,  
(Other than Tuberculosis) 1946.**

**Table No. 8.**

Disease	..	..	..	..	-1	-2	-3	-4	-5	-10	-15	-20	-35	-45	-65	65-	All Ages	Removed to Hospital	Deaths
Scarlet Fever	..	..	..	..	..	..	..	1	..	6	4	..	..	..	..	..	11	1	..
Pneumonia	..	..	..	..	..	1	1	..	1	1	1	..	..	1	1	1	8	..	13
Measles	..	..	..	..	1	1	..	..	..	2	..	..	..	..	..	..	4	..	..
Whooping Cough	..	..	..	..	2	3	3	..	4	7	..	..	..	..	..	..	19	..	..
Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	3	..	..
Puerperal Pyrexia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	3	3	..
Dysentery	..	..	..	..	..	1	..	3	3	1	1	8	10	3	6	6	42	..	..
Ophthalmia Neonatorum	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Typhoid	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	2	..
TOTAL	..	..	..	..	4	6	4	4	8	17	7	9	12	4	10	8	93	6	13



**INCIDENCE OF NOTIFIABLE DISEASES**  
(other than Tuberculosis)  
**IN INDIVIDUAL PARISHES, 1946.**

TABLE No 9.

Parish	Scarlet Fever	Pneumonia	Measles	Whooping Cough	Erysipelas	Puerperal Pyrexia	Diphtheria	Dysentery	Ophthalmia Neonatorum	Typhoid	Total
Bozeat		2	1	11			1	4			19
Doddington, Great								1	1		2
Earls Barton	2		1							2	5
Easton Maudit											
Ecton											
Grendon .. ..		1		4				1			6
Hardwick ..											
Harrowden, Great				2							2
Harrowden, Little	1	1	1	1	1						5
Irchester .. ..	7	2	1		1						11
Isham .. ..		1					2				3
Mears Ashby ..											
Newton Bromswold		1									1
Orlingbury ..											
Strixton .. ..											
Sywell .. ..											
Wilby .. ..											
Wollaston .. ..	1			1	1			36			39
TOTALS .. ..	11	8	4	19	3		3	42	1	2	93

**MEASLES AND WHOOPING COUGH  
AGE AND SEX INCIDENCE.**

Table No. 10.

Age Periods	Measles		Whooping Cough.	
	Males	Females	Males	Females
—6 months	1			
—12 months			1	
—18 months		1		2
—2 years				1
—2½ years			1	
—3 years			1	1
—4 years				
—5 years				4
—10 years		2	3	5
—15 years				
15 years				
ALL AGES	1	3	6	13
TOTALS ..	4		19	



# CAUSES OF DEATH OF CHILDREN UNDER ONE YEAR.

TABLE No. 11.

<i>Causes of Death.</i>	<i>Age in Weeks</i>					<i>Total</i>
	-1	-2	-3	-4	5-52	
1. Congenital malformations ..	1		1			2
2. Diseases of Early Infancy Congenital debility and icterus ... ..	1					1
Premature Birth ... ..	5			1		6
Injury at Birth .. ..	1					1
Atelectasis .. ..						
Others .. ..						
3. Diseases of Respiratory System					3	3
4. Diseases of Digestive System					1	1
5. Diseases of Nervous System						
6. Tuberculosis diseases ..						
7. Infectious Diseases ..						
8. Syphilis .. ..						
9. Overlaying .. ..						
10. Other Violence .. ..						
11. All Other Causes .. ..					1	1
TOTALS .. ..	8		1	1	5	15

TABLE NO. 12.

# SUMMARY OF HOUSING SURVEY FOR THE PERIOD ENDED 31st DECEMBER, 1946.

## A.—Survey of Existing Houses.

1. Estimated number of working class houses in the District ..	3,978
2. Number of houses surveyed to 31st December, 1946 ..	3,089
3. Results of Survey as revealed by Officers—	
(a) Satisfactory on all respects .. .. .	685
(b) Minor defects .. .. .	1,060
(c) Requiring repair, structural alteration or improvement— not eligible for assistance under the former Housing (Rural Workers) Acts .. .. .	714
(d) Requiring repair, structural alteration or improvement —eligible for assistance under the former Housing (Rural Workers) Acts .. .. .	11
(e) Unfit for human habitation and beyond repair at reason- able expense .. .. .	619
(f) Number of houses deemed to be overcrowded (for purposes of this statement it is not expected that rooms will be measured)	64

## B.—Housing Programme.

1. Number of houses proposed to be erected as approved by the Ministry of Health to date .. .. .	96
2. (a) Number of sites concerning which lay-out plans and house plans have been approved by the Ministry of Health	17
(b) Number of houses contained in such approved lay-outs	96
3. Superficial area in plans approved, determined in accordance with paragraph 4 of the Standards for New Houses adopted by the Joint Committee :—	
(a) Non-parlour type 3 bedrooms F type square feet ..	912
D " " " ..	850
(b) Parlour type .. 3 bedrooms B " " " ..	900
Duplex E " " " ..	903
4. (a) Number of houses for which tenders have been invited	42
(b) Number of houses for which negotiated prices have been obtained .. .. .	54
5. Number of houses the erection of which have begun ..	96

## D.—Temporary Accommodation.

1. (a) Have your Authority been allocated any temporary prefab- ricated houses, if so, state number and type.	No
(b) Number of sites secured.	
2. Local Authority's site preparation :—	
(a) Tenders invited?	} Not applicable.
(b) Tenders accepted?	
(c) Works begun?	
(d) Sites completed?	
3. Number of houses in respect of which :—	
(a) Assembly has begun.	}
(b) Assembly has been completed.	



TABLE No. 13

**SUMMARY OF SANITARY INSPECTIONS, ETC.**

Number of visits and inspections .. .. .	725
Slaughterhouses on Register .. .. .	10
Number of Slaughtermen Licensed .. .. .	15
Visits to Slaughterhouses .. .. .	35
Visits to Butchers Shops .. .. .	24
Number of Bakehouses .. .. .	17
Visits to Bakehouses .. .. .	39
Food condemned as unfit for human consumption ..	180lbs.
Premises Licensed to sell Ice Cream .. .. .	5
Licenses issued under Milk (Special Designation) Orders, 1936 and 1938 .. .. .	5
Cowsheds on Register .. .. .	86
Number of Inspections of Cowsheds .. .. .	178
Cowsheds, defects found and remedied .. .. .	32
Samples of Milk taken .. .. .	120
Blocked sewers and drains .. .. .	27
Insanitary drainage .. .. .	17
Defective ventilating shafts. .. .. .	9
Insanitary ditches. .. .. .	7
Cesspools cleansed .. .. .	14
Caravans inspected .. .. .	4
Insanitary Closet accommodation .. .. .	9
Insanitary Ashbins .. .. .	14
Offensive accumulations .. .. .	1
Offensive effluvia .. .. .	1
Smoke and dust nuisance .. .. .	1
Insanitary premises .. .. .	6
Rat infested premises .. .. .	9
Premises infested with bugs &c. .. .. .	3
Nuisances from defects in houses.	
Defective roofs .. .. .	22
Defective paving .. .. .	8
Dangerous stairs .. .. .	3
Defective doors and windows .. .. .	14
Plaster to repair .. .. .	16
Damp and defective floors .. .. .	9
Damp and defective walls .. .. .	8
Defective eaves guttering .. .. .	3
Defective sinks and wastes .. .. .	3
Dangerous chimneys .. .. .	7
Notifications of Infectious Diseases .. .. .	33
Number of rooms fumigated .. .. .	40
Bedding &c., disinfected .. .. .	3
Samples of water taken .. .. .	9
Defective wells .. .. .	4
Certificate issued of Escape in case of Fire .. .. .	1
List of Outworkers .. .. .	8
Registration of Cowsheds .. .. .	3

# MILK SAMPLES.

TABLE NO. 14.

<i>Month.</i>			<i>Classification.</i>			<i>Total.</i>
			<i>Good</i>	<i>Moderate.</i>	<i>Bad.</i>	
January	..	..	12	—	—	12
February	..	..	12	—	—	12
March	..	..	6	—	—	6
April	..	..	12	—	—	12
May	..	..	12	—	—	12
June	..	..	6	—	—	6
July	..	..	4	—	2	6
August	..	..	6	—	—	6
September	..	..	12	—	—	12
October	..	..	12	—	—	12
November	..	..	11	1	—	12
December	..	..	12	—	—	12
			117	1	2	120









