

**[Report 1968] / Medical Officer of Health, Wellingborough R.D.C.**

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Wellingborough (England). Rural District Council.

**Publication/Creation**

1968

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WELLINGBOROUGH  
RURAL DISTRICT



ANNUAL REPORT  
of the  
Medical Officer of Health  
for the  
YEAR 1968



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F. R. N. LYNCH, M.B., B.CH., B.A.O., D.P.H.  
*Acting Medical Officer of Health*



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# Wellingborough Rural District Council

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*Chairman of the Council :*

COUNCILLOR B. A. J. TAYLOR.

*Members of the Public Health Committee :*

MESSRS. R. H. PARSONS (Chairman), F. E. BULLOCK (Vice-Chairman), MRS. R. M. ADLAM, G. C. ADDIS, A. E. A. BARKER, B. BROWN, J. J. BRYAN, T. C. CAVE, L. W. FIELDER, G. F. J. MALLARD, D. G. PAYNE, E. REYNOLDS, B. A. J. TAYLOR, MISS E. M. THOMAS, S. B. WOODROW.

*Clerk of the Council :*

C. M. MAJOR, A.C.C.S.

*Health Department Staff :*

ACTING MEDICAL OFFICER OF HEALTH:

F. R. N. LYNCH, M.B., B.CH., B.A.O., D.P.H.

*also holds appointments of :*

Medical Officer of Health for:

Burton Latimer, Corby, Desborough and Rothwell Urban Districts and Kettering Rural District.

Assistant County Medical Officer of Health and School Medical Officer.

Acting Medical Officer of Health for:

Wellingborough and Irthlingborough Urban Districts.

*Secretary :*

MISS J. PEARSON (to 30th September, 1968).

*Chief Public Health Inspector, Meat Inspector, etc. :*

GEOFFREY HERBERT COWLES, CERTIFIED S.I.B., M.A.P.H.I.

*Additional Public Health Inspector :*

LESLIE ARTHUR SCHOFIELD, CERTIFIED S.I.E.J.B., M.A.P.H.I.

Telephone : Kettering 2473

PUBLIC HEALTH DEPARTMENT,  
75, LONDON ROAD,  
KETTERING.

*July, 1969.*

To the Chairman and Members of the  
Wellingborough Rural District Council.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you for consideration my Annual Report on the Health and Sanitary Circumstances of the Rural District of Wellingborough for 1968.

The method of presentation of the death statistics has been changed this year. For many years the classification of the causes of death was drawn up according to the Registrar General's Abridged List of thirty-six causes. Analysis of mortality will in future be shown according to the International Classification used in this Report and this List comprises sixty-five causes of death.

This document also includes the Annual Report of Mr. G. H. Cowles, Chief Public Health Inspector.

I must thank Dr. J. V. L. Farquhar, Medical Referee of the Kettering Crematorium who has supplied me with the figures relating to cremation.

I must acknowledge the support I have had from the Members of the Council which has been given in a manner that I deeply appreciate. The Administrative Staff has also been of every possible help.

My thanks are also due to my Secretary, Miss Langley, who has prepared the draft of this Report.

I have the honour to be

Your obedient Servant,

F. R. N. LYNCH,

*Acting Medical Officer of Health.*

## ACKNOWLEDGEMENTS

I wish to express my thanks to the following for information supplied and contained in this report:

CLERK TO THE COUNCIL.

SURVEYOR AND HOUSING OFFICER.

TREASURER.

CHIEF PUBLIC HEALTH INSPECTOR.

ENGINEER TO THE HIGHAM FERRERS AND RUSHDEN WATER BOARD.

MANAGER, DEPARTMENT OF EMPLOYMENT AND PRODUCTIVITY,  
WELLINGBOROUGH.

# SUMMARY OF VITAL STATISTICS

Comparative Statistics for the Five Year Period 1964 to 1968

	1964	1965	1966	1967	1968
Area of the Rural District (acres) ...	33,116	33,116	33,116	33,116	33,116
Population Registrar General's Estimate ...	13,950	14,140	14,380	14,780	15,720
Number of Live Births ...	247	247	259	280	288
Legitimate ...	233	235	247	267	275
Illegitimate ...	14	12	12	13	13
Birth Rate per 1,000 pop. ...	17.69	17.68	17.32	18.9	18.32
Number of Stillbirths ...	2	8	2	7	2
Legitimate ...	2	8	2	7	1
Illegitimate ...	—	—	—	—	1
Stillbirth rate per 1,000 total births ...	8.03	29.0	7.66	24.0	6.9
Stillbirth rate per 1,000 population ...	0.14	0.56	0.14	0.47	0.13
Number of Deaths ...	139	154	173	142	182
Death rate per 1,000 population ...	9.99	10.89	12.03	9.60	11.58
Deaths from Pregnancy, Childbirth and Abortion ...	—	—	—	—	—
Number of Infant Deaths ...	3	3	5	4	6
Infant Mortality rate per 1,000 Live Births ...	12.5	12.15	19.30	14.0	20.83
Neonatal Mortality rate per 1,000 Live Births ...	8.9	4.46	15.44	14.0	13.89
Perinatal Mortality Rate (Stillbirths and deaths under one week com- bined per 1,000 total Live and Stillbirths) ...	16.0	35.3	19.10	35.0	17.24
Deaths from all forms of Tuberculosis ...	—	1	—	—	—
Deaths from Respiratory Tuberculosis ...	—	1	—	—	—
Deaths from Malignant Neoplasms ...	28	34	36	32	36
Deaths from Measles (all ages) ...	—	—	1	—	—
Deaths from Whooping Cough (all ages) ...	—	—	—	—	—
Deaths from Enteritis and Diarrhoea under two years of age ...	—	—	—	—	1
Deaths from Acute Polio- myelitis and Polioence- phalitis ...	—	—	—	—	—
Natural increase in popula- tion, i.e., increase of Births over Deaths ...	108	105	86	138	106

## SECTION A

### Statistics and Social Conditions of the Area.

Area (acres)	...	...	...	...	...	...	...	33,116
Census Population:								
	1951	...		13,002				
	1961	...		13,647				
Population (Registrar General's Mid-Year Estimate 1968)	...							15,720
Number of Inhabited Houses:								
	1931	...		3,558				
	1968	...		5,700				
Rateable Value	...	...	...	...	...	...	...	£615,030
Product of a penny rate	...	...	...	...	...	...	...	£2,450

---

The chief occupations of the inhabitants are as follows : Boot and shoe manufacture, tanning, manufacture of plastics, flour milling and the manufacture of animal feeding stuffs and fertilisers.

The density of the population is 0.47 persons per acre and the housing factor 2.76 persons per house. The rate of unemployment in the Wellingborough area was 1.1% of the working population compared with the National percentage of 2.6.

# EXTRACTS FROM VITAL STATISTICS, 1968

## LIVE BIRTHS

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Legitimate ... ..	137	138	275
Illegitimate ... ..	5	8	13
<i>Totals</i>	<u>142</u>	<u>146</u>	<u>288</u>
Crude Birth Rate per 1,000 estimated population ... ..	...	...	18.32
Adjusted Birth Rate (comparability factor 1.10) ... ..	...	...	20.15

## STILLBIRTHS

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Legitimate ... ..	—	1	1
Illegitimate ... ..	—	1	1
<i>Totals</i>	<u>—</u>	<u>2</u>	<u>2</u>
Rate per 1,000 total births (live and still) ... ..	...	...	6.9

## DEATHS

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Number registered all causes ... ..	102	80	182
Crude death rate per 1,000 estimated population ... ..	...	...	11.58
Adjusted death rate (comparability factor 0.95) ... ..	...	...	11.00
<i>Deaths from Maternal causes</i> ... ..	...	...	—
Maternal Mortality Rate per 1,000 live and stillbirths ... ..	...	...	—
	<i>Males</i>	<i>Females</i>	<i>Total</i>
<i>Deaths of Infants (under 1 year)</i> ... ..	3	3	6
Infant Mortality Rate per 1,000 live births ... ..	...	...	20.83
Legitimate infants per 1,000 legitimate live births ... ..	...	...	18.18
Illegitimate infants per 1,000 illegitimate live births ... ..	...	...	76.92
	<i>Males</i>	<i>Females</i>	<i>Total</i>
<i>Deaths of Infants (under 4 weeks)</i> ... ..	2	2	4
Neonatal Mortality Rate per 1,000 live births ... ..	...	...	13.89
Perinatal Mortality Rate per 1,000 live and stillbirths (stillbirths and deaths of infants under 1 week combined) ... ..	...	...	17.24

# CLASSIFICATION OF CAUSES OF DEATH, 1968

List No.	Causes of Death	Sex	Total All Ages	Under 4 weeks	4 weeks & under 1 year	1+	5+	15+	AGE 25+	IN 35+	YEARS 45+	55+	65+	75 & over
B 4	Enteritis and other diarrhoeal diseases	M	1	1	—	—	—	—	—	—	—	—	—	—
B 18	All other infective and parasitic diseases	F	—	—	—	—	—	—	—	—	—	—	—	—
B 19 (1)	Malignant neoplasm—stomach	M	1	—	—	—	—	—	—	—	—	1	—	—
B 19 (2)	Malignant neoplasm—lung, bronchus	F	3	—	—	—	—	—	—	—	—	1	—	2
B 19 (5)	Leukaemia	M	4	—	—	—	—	—	—	—	1	—	2	2
B 19 (6)	Other malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissue	M	8	—	—	—	—	—	—	—	—	—	4	3
B 20	Benign neoplasms and neoplasms of unspecified nature	F	1	—	—	—	—	1	—	—	—	—	—	1
B 23	Anaemias	M	1	—	—	—	—	—	—	—	—	—	—	—
B 46 (3)	Mental disorders	F	1	—	—	—	—	—	1	—	—	—	—	—
B 46 (4)	Other diseases of nervous system and sense organs	M	1	—	—	—	—	—	—	—	—	—	—	1
B 26	Chronic Rheumatic heart disease	F	2	—	—	—	—	—	—	—	1	—	1	—
B 27	Hypertensive disease	M	—	—	—	—	—	—	—	—	—	—	—	—
B 28	Ischaemic heart disease	F	1	—	—	—	—	—	—	—	—	—	—	1
B 29	Other forms of heart disease	M	2	—	—	—	—	—	—	—	—	—	—	2
B 30	Cerebrovascular disease	F	28	—	—	—	—	—	—	—	1	6	10	11
B 46 (5)	Other diseases of the circulatory system	M	19	—	—	—	—	—	—	—	—	3	2	14
		F	6	—	—	—	—	—	—	—	—	—	2	4
		M	4	—	—	—	—	—	—	—	—	—	—	4
		F	9	—	—	—	1	—	—	—	1	3	1	3
		M	14	—	—	—	—	—	—	—	—	2	4	8
		F	3	—	—	—	—	1	—	—	—	—	1	1
		M	7	—	—	—	—	—	—	—	—	2	—	5

# CLASSIFICATION OF CAUSES OF DEATH, 1968

continued

List No.	Causes of Death	Sex	Total All Ages	Under 4 weeks	4 weeks & under 1 year	AGE IN YEARS							65+	75 & over
						1+	5+	15+	25+	35+	45+	55+		
B 31	Influenza	M	2	—	—	—	—	—	—	—	—	—	2	—
		F	2	—	—	—	—	—	—	—	—	—	1	1
B 32	Pneumonia	M	6	—	—	—	—	1	—	—	—	—	2	2
		F	1	—	—	—	—	—	—	—	—	—	—	1
B 33 (1)	Bronchitis, emphysema	M	6	—	—	—	—	—	—	—	—	1	3	2
		F	4	—	—	—	—	—	—	—	1	1	2	2
B 33 (2)	Asthma	M	1	—	—	—	—	—	—	—	—	—	—	1
		F	—	—	—	—	—	—	—	—	—	—	—	—
B 46 (6)	Other diseases of respiratory system	M	3	—	1	—	—	—	—	—	—	1	1	—
		F	—	—	—	—	—	—	—	—	—	—	—	—
B 34	Peptic Ulcer	M	2	—	—	—	—	—	—	—	—	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	2
B 36	Intestinal obstruction and hernia	M	1	—	—	—	—	—	—	—	—	—	—	1
		F	—	—	—	—	—	—	—	—	—	—	—	—
B 46 (7)	Other diseases of the digestive system	M	1	—	—	—	—	—	—	—	—	—	—	—
		F	2	—	—	—	—	—	—	—	—	—	—	1
B 46 (8)	Other diseases of the genito-urinary system	M	1	—	—	—	—	—	—	—	—	1	1	1
		F	—	—	—	—	—	—	—	—	—	—	—	—
B 42	Congenital anomalies	M	—	—	—	—	—	—	—	—	—	—	—	—
		F	1	1	—	—	—	—	—	—	—	—	—	—
B 43	Birth injury, difficult labour, and other anoxic and hypoxic conditions	M	1	—	—	—	—	—	—	—	—	—	—	—
		F	1	1	—	—	—	—	—	—	—	—	—	—
B 44	Other causes of perinatal mortality	M	1	1	—	—	—	—	—	—	—	—	—	—
		F	3	—	1	—	1	—	1	1	—	—	—	—
B 47	Motor vehicle accidents	M	1	—	—	—	—	—	1	—	—	—	—	1
		F	1	—	—	—	—	—	—	—	—	—	—	—
B 48	All other accidents	M	1	—	—	—	—	—	—	—	1	—	—	—
		F	1	—	—	—	—	—	—	—	—	—	1	1
B 49	Suicide and self-inflicted injuries	M	1	—	—	—	—	—	—	—	—	—	—	—
		F	1	—	—	—	—	—	—	—	—	—	—	—
B 50	All other external causes	M	1	—	—	—	—	—	—	—	—	—	1	—
		F	1	—	—	—	—	—	—	—	—	—	1	—
TOTALS			102	2	1	1	2	4	1	1	5	15	33	37
			80	2	1	—	—	—	1	—	3	10	12	51

## COMMENTS ON VITAL STATISTICS

1. **POPULATION**—The Registrar General's mid-year estimate of population i.e., 30th June, 1968, is 15,720. The corresponding figure for 1967 was 14,780, giving an increase in population of 940 in the 12 months.

2. **BIRTHS**—There were 288 live births in 1968 which is an increase of 8 in the number registered for the previous year. This gives a Crude Birth Rate of 18.32 per 1,000 population. The corresponding figure for 1967 was 18.9.

It will be apparent that the Birth Rate and Death Rate in any place is influenced by the age and sex distribution of the population so that in order that more exact comparisons can be made between one area and another the actual Rate is multiplied by a number called the Comparability Factor, the result being known as the Adjusted, or Corrected Rate. These Comparability Factors are supplied by the Registrar General and are based on the age and sex distribution as shown by the Census. For Wellingborough Rural District the Birth Rate Comparability Factor is 1.10 and the Corrected Birth Rate standardised on the basis of age and sex composition therefore gives an Adjusted Rate of 20.15. The Adjusted Birth Rate of 20.15 compares with 20.79 for 1967 and the Provisional Crude Rate for England and Wales of 16.9.

3. **DEATHS**—There were 182 deaths from all causes in 1968. The figure for last year was 142 and the corresponding Crude Death Rates are 11.58 and 9.60. In the same as described in the case of 2. Births above, the Death Rate is standardised by the use of a further Comparability Factor. Its value for the Wellingborough Rural District is 0.95 and the Adjusted Death Rate corrected by means of this calculation is found to be 11.00. The provisional Crude Rate for England and Wales as a whole is reckoned by the Registrar General to be 11.9. Reference to page 10 will show the classification of causes of deaths.

4. **INFANT MORTALITY**—The number of infants dying in the first year of life is 6 and this gives an Infant Mortality Rate of 20.83 per 1,000 live births. The corresponding figure for 1967 was 14.0 and the provisional rate for England and Wales as a whole is 18.0. The majority of these infant deaths, it will be seen from the accompanying table, occurred in the first month of life. This method of expression is referred to as the Neonatal Mortality, and the rate for 1968 is 13.89 per 1,000 live births. The current rate for England and Wales is 12.3.

The causes of Infant Deaths with age and sex were as follows:

Age	Sex	Cause of Death
1 hour	F	Downe's Syndrome.
8 hours	F	Anoxia. Prematurity.
15 hours	M	Extreme Prematurity.
16 days	M	Gastro-enteritis. Prematurity.
1 month	M	Acute Bronchiolitis.
4 months	F	Pulmonary Oedema. Cerebral damage. Haemolytic Disease of newborn.

5. **STILLBIRTHS**—The number of stillbirths in 1968 was 2. The Stillbirth Rate is 6.9 per 1,000 total births. The rate for 1967 was 24.0 and the current rate for England and Wales is 14.0. I append particulars of these deaths :

Sex	Cause
F	Intra-uterine death.
F	Anencephalus.

6. **DISPOSAL OF THE DEAD**—of the 182 deaths during the year, 88 bodies were disposed of by cremation at Kettering Crematorium, giving a percentage of 48.35.

## SECTION B

### GENERAL PROVISION OF HEALTH SERVICES

In subsequent sections, full details will be found relating to infectious diseases and environmental health within the Rural District, for which the Council is directly responsible

The present section relates to those health services which concern more the personal health and welfare of the individual rather than public health and the community. The Health Committee of the Northamptonshire County Council is responsible for administration of some of these services under Part III of the National Health Service Act.

Liaison between County Council services and District Council services is facilitated by the fact that your Medical Officer of Health is also a School Medical Officer and Assistant County Medical Officer.

**LABORATORY FACILITIES.**—The Public Health Laboratory, Northampton is available for the examination of specimens in connection with the diagnosis and control of infectious diseases.

**AMBULANCE SERVICE.**—This is one of the services for which the County Council is responsible, and the area is adequately covered.

**DOMICILIARY SERVICES.**—These include District Nurses, Midwives and Health Visitors, who are all highly trained, qualified nurses on the staff of the County Medical Officer. The Home Help Service, also provided by the County Council, is proving more and more valuable in relieving people of domestic worries during periods of illness or confinement, and in helping old folks to remain in their own homes, so that they can retain their treasured independence.

**CHILD WELFARE CENTRES.**—The County Council provide these services as follows:

*Bozeat*—Church Hall, 2 p.m. Fourth Wednesday of the month.

*Great Doddington*—Parish Hall 2 p.m. Second Thursday of the month.

*Earls Barton*—Baptist School Rooms, 2 p.m. Second and fourth Friday of the month.

*Irchester*—Parsons' Hall, 2 p.m. First and third Friday of the month.

*Wollaston*—Village Hall, First and third Thursday of the month.

*Isham, Little Harrowden and Orlingbury* are served by the Mobile Clinic on the first Monday of the month and *Sywell* on the first Wednesday of the month.

**IMMUNISATION AND VACCINATION.**—Immunisation against Diphtheria, Whooping Cough, Tetanus and Poliomyelitis and vaccination against Smallpox are free services, available either from the family doctor or at the County Child Welfare Clinics. Certain age groups of children can also be given B.C.G. vaccination to protect against Tuberculosis; this is done through the School Health Service.

A vaccine for the protection of infants against Measles is now available and, in accordance with the policy of the County Health Department, a campaign for the control of and, it is hoped, ultimate eradication of this disease, was commenced in the Autumn of 1968.

**HOSPITAL ACCOMMODATION.**—The Oxford Regional Hospital Board is responsible for these services which are as follows:

*General Hospitals*—Northampton and Kettering.

*Gynæcological*—Wellingborough Hospital.

*Acute Medical Cases, Skins & Children*—Highfield Hospital, Wellingborough.

*Chronic Sick, the Aged and Persons in Need of Care and Attention*—Park Hospital, Wellingborough, St. Mary's Hospital, Kettering.

*Maternity*—Park Hospital, Wellingborough.

*Tuberculosis*—Rushden Hospital.

*Infectious Diseases*—Harborough Road Hospital, Northampton.

*Orthopædic*—Manfield Orthopædic Hospital, Northampton.

*Out-Patient facilities* are available at the two General Hospitals and also at the Rushden Memorial Hospital, The Hayway, Rushden.

*Psychiatric Out-Patient*—Rock Street Clinic.

*Orthopædic*—Rock Street Clinic.

*Tuberculosis*—Rock Street Clinic.

**VENEREAL DISEASES.**—Out-patient Department, Kettering General Hospital. Tuesday of each week Female 4.30–5.30 p.m. Male 5.30–6.30 p.m.

Northampton General Hospital:

Males	Wednesday	2–3 p.m.
	Friday	5–6.30 p.m.

Females	Monday	5.15–6.30 p.m.
	Friday	2.15–3.30 p.m.

**NATIONAL ASSISTANCE ACT, 1948 AND NATIONAL ASSISTANCE (AMENDMENT) ACT, 1951, SECTION 47.**—This Act gives Local Authorities powers to enable them to deal expeditiously with certain cases of persons in need of care and attention which they are unable to provide for themselves and are not receiving from other people.

Visits were made in this connection during the year but no formal action, to invoke the provisions of this section of the Act, was taken.

## SECTION C

### SANITARY CIRCUMSTANCES OF THE AREA

**WATER SUPPLY.**—Water for the Wellingborough Rural District is supplied by two Boards, the Mid-Northamptonshire Water Board and the Higham Ferrers and Rushden Water Board. All parishes in the area have a piped and treated supply.

The following parishes receive a supply from the Mid-Northamptonshire Water Board: Isham, Hardwick, Lt. Harrowden, Gt. Harrowden, Orlingbury and Sywell.

The Higham Ferrers and Rushden Water Board supply: Bozeat, Wollaston, Easton Maudit, Gt. Doddington, Earls Barton, Ecton, Mears Ashby, Wilby, Grendon, Irchester, Lt. Irchester, Strixton and Newton Bromswold.

The sources of supply for the Mid-Northamptonshire Water Board are from reservoirs situated at Pitsford, Cransley, Thorpe Malsor and Hollowell. The gathering grounds cover about nineteen square miles and are mostly agricultural land with a certain amount of ironstone quarrying. The main reservoir, Pitsford, has a capacity of 4,000 million gallons and this reservoir is now supplemented by Grafham Water.

Treatment consists of the raw water flowing to a pumping station below the dam from where it is pumped to the treatment works. These works consist of a chemical block, reaction tanks, filters, filtered water tank and pumping station. The water is first softened and then passed through open rapid gravity filters and then to the filtered water tank for sterilisation by chlorine. Water thus treated is pumped to three trunk mains for distribution.

The sources of supply for the Higham Ferrers and Rushden Water Board are as follows:

**Sywell Reservoir**—which has a capacity of approximately 236,000,000 gallons. The catchment area is approximately 2,000 acres and the reservoir receives its supply from springs, two small brooks and surface rainwater. Treatment consists of filtration by means of slow sand filters, rapid gravel filtration and chlorination.

**Hardwater Crossing, Wollaston**—The source of supply is from wells sunk in the Nene river gravels. Treatment consists of mechanical filtration followed by chlorination.

**Ditchford**—This source is from gravels adjacent to the river at Ditchford. Collector ducts are laid in the gravels and the water extracted is brought to the treatment works. Treatment consists of rapid gravel filtration, partial softening, aeration and chlorination.

Further sources of supply are from a gravel well at Earls Barton and springs at Grendon.

**WATER CONSUMPTION:**—Consumption of water supplied by the Higham Ferrers and Rushden Water Board to the Wellingborough Rural Area was as follows:

Water used for domestic purposes	...	...	...	163,796,000 gallons
Therefore, average daily consumption	...	...	...	447,500 gallons
Water used for trade purposes	...	...	...	52,810,000 gallons
Therefore, average daily consumption	...	...	...	144,300 gallons
Domestic purposes per head per day	...	...	...	35.8 gallons
Trade purposes per head per day	...	...	...	11.6 gallons
Total consumption per head per day	...	...	...	47.4 gallons

QUALITY OF WATER.—Chemical analyses of water taken by the Higham Ferrers and Rushden Water Board during the year gave the following results:

*Chemical Analysis*

<i>Samples Contained</i>	<i>Parts per 100,000 Sywell (treated)</i>	<i>Parts per 100,000 Earls Barton (treated)</i>	<i>Parts per 100,000 Wollaston (treated)</i>
Chloride	3.3	3.4	4.5
Ammonia (Free and Saline)	0.0112	nil	0.0274
Ammonia (Albuminoid)	0.0176	0.0048	0.0080
Oxygen absorbed in 3 hrs. at 37°C.	0.1318	0.0330	0.0909
Nitrate	0.20	0.75	nil
Nitrite	absent	absent	absent
Poisonous Metals	absent	absent	absent
Calcium	8.65	14.25	12.82
Magnesium	0.84	0.96	0.98
Alkalinity	18.5	29.0	26.0
Total Hardness	21.4	31.6	31.2
Permanent Hardness	10.8	14.8	14.0
Temporary Hardness	10.6	16.8	17.2
Microscopic examination of Deposit	none	none	none
Bacteriological examination	C.O. absent	C.O. absent	C.O. absent

RAINFALL—

	1968	1967	1966	1965	1964	1963	1962	
Sywell ...	28.29	25.23	28.96	28.98	16.35	22.23	18.91	inches
Wollaston ...	26.88	21.71	26.31	25.56	16.61	21.32	18.61	inches

FLUORIDE CONTENT OF THE WATER SUPPLY.—The water supply contains 0.25 parts of naturally occurring Fluorine per million parts of water.

SEWAGE DISPOSAL.

SEWAGE WORKS.—No new construction was carried out on any of the Council's disposal works during the year under review but instructions were given for, or detailed preparatory work was being carried out on a number of schemes, these included:

- Extensions to the Bozeat Works.
- Extensions to the Earls Barton and Wollaston Works.
- Enlargement of Earls Barton Works.
- Wellingborough Regional Scheme (Irchester Works).

SEWERAGE.—Work commenced on the Irchester Phase I scheme of re-sewering and separation and at the end of the year work was well advanced in spite of atrocious weather conditions.

Instructions were given during the year, or work continued on the preparation of the following schemes:

Bozeat Northern Scheme.  
 Earls Barton Surface Water Scheme.  
 Irchester Phase II Scheme.  
 Earls Barton and Mears Ashby Sewerage and Pumping Stations.  
 Easton Maudit Sewerage and Pumping Station.  
 Wollaston Sewerage.

A table showing the results of sampling from the various works follows:

			<i>Satisfactory</i>	<i>Unsatisfactory</i>	<i>Unsatisfactory as regards solids only</i>	<i>Total</i>
Bozeat	...	...	12	4	1	17
Earls Barton	...		8	5	4	17
Gt. Doddington	...		3	—	—	3
Grendon	...	...	5	2	1	8
Little Irchester	...		3	1	—	4
Mears Ashby	...		1	1	—	2
Sywell	...	...	9	—	—	9
Wollaston	...	...	7	16	5	28

SWIMMING POOLS.—There is one public swimming pool in the area situated at Sywell. There are also swimming pools at the Secondary School, Wollaston, Grendon Hall, and Earls Barton School.

Results of samples taken for bacteriological examination during the years were as follows:

		<i>No. of Samples</i>	<i>Very Satisfactory</i>	<i>Unsatisfactory</i>
Sywell	...	6	6	—
Wollaston School	...	4	4	—
Grendon Hall	...	5	5	—
Earls Barton School	...	2	2	—

DISINFECTION—Arrangements are made with the Rushden U.D.C. for the disinfection of articles of clothing or bedding associated with infectious diseases.

PREVENTION OF DAMAGE BY PESTS ACT.—93 domestic and other premises were treated during the year. Test baiting and treatment of sewers were carried out in the Spring but the Autumn treatment had to be cancelled owing to severe shortage of staff.

## PUBLIC CLEANSING—*Refuse Collection.*

The Council carry out a weekly collection of household refuse and arrangements can be made to have trade refuse tipped. Arrangements have also been made to collect items of bulky refuse from households free of charge, in order to assist the public generally and to prevent as far as possible rubbish being deposited on highway verges. The following table shows the days for collection in different parishes:

Parish	Day	Tip
Bozeat .. .. .	Tuesday .. .. .	Irchester
Doddington, Great .. .. .	Wednesday .. .. .	Irchester
Earls Barton .. .. .	Thursday and Friday .. .. .	Irchester
Easton Maudit .. .. .	Tuesday .. .. .	Irchester
Ecton .. .. .	Wednesday .. .. .	Irchester
Grendon .. .. .	Tuesday .. .. .	Irchester
Hardwick .. .. .	Thursday .. .. .	Irchester
Harrowden, Great .. .. .	Thursday .. .. .	Irchester
Harrowden, Little .. .. .	Thursday .. .. .	Irchester
Irchester .. .. .	Monday and Wednesday .. .. .	Irchester
Isham .. .. .	Monday .. .. .	Irchester
Mears Ashby .. .. .	Monday .. .. .	Irchester
Newton Bromswold .. .. .	Thursday .. .. .	Irchester
Orlbury .. .. .	Monday .. .. .	Irchester
Strixton .. .. .	Tuesday .. .. .	Irchester
Sywell .. .. .	Wednesday .. .. .	Irchester
Wilby .. .. .	Wednesday .. .. .	Irchester
Wollaston .. .. .	Tuesday .. .. .	Irchester

These collections may well have to be varied in the near future as uneven growth between the various villages is creating a strain on some routes on certain days.

The amount of refuse continues to increase, not only in total bulk, but it has been noticed of recent years that a single dustbin is no longer sufficient for many households and boxes of paper alongside the bin is now a fairly common thing which, in turn, causes a further strain on the collection time table. There have been a number of changes in staff during the year and illness during parts of the year has caused temporary difficulties but it was again found possible to maintain the weekly collection.

**REFUSE DISPOSAL**—Tipping is at present carried out at Gipsy Lane, Irchester by agreement with the Wellingborough U.D.C., but during the year a lease was taken on other land in Gipsy Lane which the Council have resolved to operate as a refuse tip independently. The tip will not come into use until 1969. Facilities will be made available at the new tip for disposal of articles by the general public as required by the Civic Amenities Act, 1967.

**CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960**—There are eight licensed residential sites in the area. On all these sites work required to satisfy the licensing conditions has been completed. There are also two holiday sites.

## SECTION D

### HOUSING

The Ministry of Housing and Local Government in their post war housing schemes have approved the erection of 1016 houses for the Rural District. At the end of the year under review 1008 had been completed, the remaining 8 were under construction. Twenty nine houses were completed during the year, an increase of 25 over the previous year.

Private enterprise building showed a substantial increase during the year. 311 houses being completed, an increase of 95 over the previous year. At the end of 1968 there were 263 under construction, an increase of 45 over 1967.

Standard Grant applications for the year totalled 53 an increase of 24 over the 1967 figures. Sixteen Standard Grants were completed during the year as compared with 37 in the previous year. There were 4 fewer Discretionary Grant applications during the year, 7 as compared with 11, but 6 units of accommodation were completed as compared with 4 in 1967.

At the end of the year there were 383 persons on the housing lists as compared with 437 at the end of 1967.

Modernisation of 22 houses was completed and tenders approved for a further 21 houses. Work on these will commence in early 1969.

### POST-WAR SLUM CLEARANCE PROGRAMME

#### (1) Dwellings improved and made fit:

(a) Closing Orders determined ... ..	56	
(b) Demolition Orders revoked ... ..	11	
(c) Following undertakings being given by owners ...	14	
(d) Informally ... ..	2	
	<hr/>	83

#### (2) Dwellings demolished:

(a) Clearance Orders ... ..	95	
(b) Demolition Orders ... ..	282	
(c) Closing Orders ... ..	72	
(d) M.O.H. Certificates ... ..	29	
(e) Informally ... ..	30	
(f) Undertakings ... ..	2	
	<hr/>	510

#### (3) Dwellings still not demolished:

(a) Clearance Orders ... ..	—	
(b) Demolition Orders ... ..	41	
(c) Closing Orders—		
(i) approved for other uses ... ..	20	
(ii) not approved for other uses ... ..	40	
	<hr/>	60
(d) Undertakings given by owners not to re-let for human habitation ... ..	4	
	<hr/>	105
		<hr/>
		698

# Houses dealt with during the year ended 31st December, 1968.

Closing Orders made	...	...	...	...	...	...	...	4
Demolition Orders made	...	...	...	...	...	...	...	14
Houses (subject to Orders) made fit	...	...	...	...	...	...	...	—
Houses demolished—								
(a) Informally	...	...	...	...	...	...	...	—
(b) Demolition Orders	...	...	...	...	...	...	...	1
(c) Closing Orders	...	...	...	...	...	...	...	—
								19

## SECTION E

### INSPECTION AND SUPERVISION OF FOOD

**MILK SAMPLES**—Ten milk samples were taken during the year and the results were as follows :

	<i>No. of Samples</i>	<i>Results : Satisfactory</i>
Pasteurised ...	9	9
Untreated ...	1	1

Routine sampling of milk is carried out by the authorities in whose areas pasteurisation plants are situated. Although there is no pasteurisation plant in the area it is advisable to take routine samples as the authority is responsible for the milk in the area.

**ICE-CREAM**—42 premises are registered for the sale of ice-cream. Thirty-five samples of ice-cream were taken for examination and the results were as follows :

<i>No. of Samples</i>	<i>Grade I</i>	<i>Grade II</i>	<i>Grade III</i>	<i>Grade IV</i>
35	35	—	—	—

These results are satisfactory.

**FOOD PREMISES**—During the year 62 inspections of food premises were carried out. It is only by such inspections that a high standard of hygiene can be maintained and this is one of the most important duties of the Public Health Inspectors.

Table No. 9 in Section H gives a summary of the work carried out by the Inspectors during the year.

**SLAUGHTERHOUSES**—There are two slaughterhouses licensed in the area. Under the Meat Inspection Regulations, 1963, all carcasses are now required to be inspected and to be suitably marked when this is done. A charge is also made for this service. During the year 275 visits to slaughterhouses were made by the Public Health Inspectors. The following table gives details of the number of beasts slaughtered and the results of inspections :

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known) —	238	—	—	1091	411	—
Number inspected —	238	—	—	1091	411	—
<i>All diseases except Tuberculosis and Cysticerci :</i>						
Whole carcasses condemned —	—	—	—	—	—	—
Carcasses of which some part or organ was condemned —	88	—	—	47	27	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci —	37.0	—	—	4.3	6.6	—
<i>Tuberculosis only :</i>						
Whole carcasses condemned —	—	—	—	—	—	—
Carcasses of which some part or organ was condemned —	—	—	—	—	—	—
Percentage of the number inspected affected with tuberculosis —	—	—	—	—	—	—
<i>Cystercercus Bovis :</i>						
Carcasses of which some part or organ was condemned —	—	—	—	—	—	—
Carcasses submitted to treatment by refrigeration —	—	—	—	—	—	—
Generalised and totally condemned —	—	—	—	—	—	—

The quantity of food condemned as unfit for human consumption was :

Meat	.....	1197 lbs.
Tinned and other foods	.....	220 lbs.

## SERVICES UNDER THE FOOD AND DRUGS ACT, 1955—

### (a) *Milk Supplies—Brucella Abortus.*

- (i) Number of samples of raw milk examined ... .. —
- (ii) Number of positive samples found ... .. —
- (iii) Action taken in respect of positive samples ... .. —

### (b) *The Liquid Egg (Pasteurisation) Regulations, 1963.*

- (i) Number of egg pasteurisation plants in the District ... .. —
- (ii) Number of samples of liquid egg submitted to the  
Alpha-Amylase test and their results ... .. —
- (iii) Comments on the year's administration of these Regulations —

### (c) *Food Hygiene (General) Regulations, 1960.*

- (i) Number of food premises subject to regulations ... .. 96

		<i>No. of premises fitted to comply with Reg. 16</i>	<i>No. of premises to which Reg. 19 applies</i>	<i>No. of premises fitted to comply with Reg. 19</i>
Licensed Premises	...	24	24	24
Fish Shops	...	5	5	4
Bakehouses	...	5	5	4
Butchers	...	9	9	9
Grocers	...	47	42	41
Catering Premises	...	5	5	5
Wholesalers	...	1	—	—
		<hr/> 96 <hr/>	<hr/> 90 <hr/>	<hr/> 87 <hr/>

### (d) *Poultry Inspection.*

- Number of poultry processing plants in the District ... .. —

## SECTION F

### THE PUBLIC HEALTH (INFECTIOUS DISEASES)

#### REGULATIONS, 1968

New regulations governing the notification of Infectious Diseases came into operation on 1st October, 1968. A copy of the Statutory Instrument and also a copy of the relevant Sections of the Health Services and Public Health Act, 1968 were sent to each General Practitioner in the area. The fee payable for notification has been increased from 2/6d. to 5/-.

The following conditions are no longer notifiable to the Medical Officer of Health : Acute Primary and Influenzal Pneumonia, Puerperal Pyrexia, Erysipelas and Membranous Croup.

You will recall that Infectious Hepatitis, which has been locally notifiable for the past six years, is now generally notifiable under the Public Health (Infective Jaundice) Regulations, 1968 which came into operation on 15th June, 1968.

The infectious diseases now to be notified to the Medical Officer of Health are : Acute Encephalitis, Acute Meningitis, Acute Poliomyelitis, Anthrax, Cholera, Diphtheria, Dysentery (Amoebic or Bacillary), Food Poisoning, Infective Jaundice, Leprosy, Leptospirosis, Malaria, Measles, Ophthalmia Neonatorum, Paratyphoid Fever, Plague, Relapsing Fever, Scarlet Fever, Smallpox, Tetanus, Tuberculosis, Typhoid Fever, Typhus, Whooping Cough and Yellow Fever.

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

Twelve cases of infectious disease were notified to me during the year. The notifications received were as follows : Measles, seven cases, Infectious Hepatitis, three cases, Scarlet Fever, one case and Bacillary Dysentery, one case.

**MEASLES**—Seven cases were notified compared with one hundred and ninety-four cases in 1967. One case required hospital treatment.

**DIPHTHERIA, WHOOPING COUGH AND TETANUS**—Routine immunisation of infants under one year of age with Triple Antigen has shown its efficacy in preventing these diseases.

Immunisation is carried out either by the Family Doctor or at the County Health Department's Clinics.

No cases were notified during the year.

**POLIOMYELITIS**—This is the fourth disease which is prevented by routine immunisation in infancy. This is again done either by the Family Doctor or at the County Health Department's Clinics. No cases have been reported in the Rural District for ten years.

**SCARLET FEVER**—One case was notified during the year. There was one case in the previous year.

**INFECTIOUS HEPATITIS**—Three cases were notified in 1968 compared with nine cases last year.

**GASTRO-INTESTINAL DISEASES**—One case of Bacillary Dysentery occurred at Wilby. No cases of Salmonellosis were reported. There was one death due to Gastro-enteritis.

**INFLUENZA**—Four deaths were notified as being due to Influenza.

**LEPROSY**—The Public Health (Leprosy) Regulations, 1966 came into force on 1st March, 1966.

Under these Regulations, cases of Leprosy are now notifiable to the District Medical Officer of Health and not as heretofore to the Chief Medical Officer of the Ministry of Health. No notifications of Leprosy were received.

**SMALLPOX**—There were no cases.

Over 2,000 International Certificates of Vaccination were authenticated in this office during the year.

**TUBERCULOSIS**—Five names were added to my Register during the year; three of these were Inward Transfers. Three names were removed, being now healed. There were no deaths during the year. Two patients were admitted to and four discharged from Rushden Hospital during 1968. The following table shows the number of known cases of Tuberculosis in the District as at 31st December, 1968 :

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Respiratory ... ..	14	15	29
Non-respiratory ... ..	4	11	15
<i>Totals</i>	18	26	44

## SECTION G

### FACTORIES ACT, 1961

There are 84 factories in the Rural District. Six inspections were made. Table No. 10 in Section H gives further information.

The number of Outworkers on the August list was 39. No action was necessary in respect of Sections 133 and 134 which concerned homework.

### OFFICES, SHOPS & RAILWAY PREMISES ACT, 1963—

<i>Class of premises</i>	<i>Premises newly registered during the year</i>	<i>Total number of premises at end of year</i>	<i>Number of general inspections during the year</i>
Offices .....	—	4	—
Retail shops .....	—	24	3
Wholesale shops, warehouses .....	3	7	4
Catering establishments, canteens .....	—	4	—
Fuel storage depôts .....	—	2	—
<b>TOTALS .....</b>	<b>3</b>	<b>41</b>	<b>7</b>

Number of visits to all kinds by Inspectors to registered premises—12.

### ANALYSIS OF PERSONS EMPLOYED IN REGISTERED PREMISES BY WORKPLACE

<i>Class of workplace</i>	<i>Number of persons employed</i>
Offices .....	28
Retail shops .....	127
Wholesale departments, warehouses .....	48
Catering establishments .....	33
Canteens .....	—
Fuel storage depôts .....	4
<b>TOTAL .....</b>	<b>240</b>
<b>TOTAL MALES .....</b>	<b>133</b>
<b>TOTAL FEMALES .....</b>	<b>107</b>

# SECTION H.

## DEATHS FROM SELECTED CAUSES

TABLE NO. 1

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
1947	2	·16	3	·23	25	1·96	93	7·31	17	1·33
1948	—	—	5	·39	19	1·48	87	6·81	13	1·01
1949	—	—	3	·23	16	1·23	89	6·86	22	1·69
1950	2	·15	4	·30	29	2·18	89	6·71	18	1·35
1951	—	—	3	·23	22	1·69	75	5·76	29	2·23
1952	3	·23	3	·23	24	1·69	101	7·76	9	0·69
1953	—	—	—	—	15	1·04	75	5·21	9	0·62
1954	—	—	—	—	35	2·45	68	4·76	12	0·84
1955	—	—	1	·07	32	2·27	85	6·04	9	0·63
1956	1	·07	—	—	36	2·64	97	7·13	8	0·58
1957	—	—	—	—	33	2·42	86	6·32	6	0·44
1958	—	—	3	·21	40	2·85	87	6·21	6	0·42
1959	—	—	1	·07	26	1·83	92	6·48	13	0·93
1960	—	—	1	·06	18	1·21	90	6·07	17	1·14
1961	—	—	1	·07	19	1·39	72	5·27	19	1·39
1962	—	—	—	—	25	1·82	66	4·80	18	1·30
1963	—	—	—	—	29	2·09	82	5·92	26	1·87
1964	—	—	—	—	28	2·08	81	5·82	12	0·86
1965	—	—	1	·07	34	2·40	68	4·80	22	1·55
1966	—	—	—	—	36	2·50	82	5·70	17	1·18
1967	—	—	—	—	32	2·16	72	4·87	13	0·87
1968	—	—	—	—	36	2·29	93	5·92	21	1·33

COMPARISON OF STILLBIRTHS, ILLEGITIMATE BIRTHS  
AND MASCULINITY OF BIRTH

TABLE NO. 2

<i>Year</i>	<i>Stillbirths per 1,000</i>		<i>Illegitimate births per 1,000 live births</i>	<i>Male births per 1,000 live female births</i>
	<i>Population of all ages</i>	<i>Total Births (Live and Still)</i>		
1946	·39	22·32	105·02	1,027
1947	·39	22·02	58·55	1,055
1948	·54	30·56	72·07	947
1949	·38	23·80	51·28	1,029
1950	·15	10·81	32·78	1,033
1951	·69	48·38	39·54	1,082
1952	·15	10·36	47·12	1,122
1953	·34	25·51	36·64	989
1954	·14	10·86	65·93	1,246
1955	·49	37·03	71·42	1,166
1956	·22	15·38	31·25	828
1957	·29	23·39	35·92	1,287
1958	·50	37·43	16·66	1,090
1959	·14	10·15	20·51	875
1960	·26	17·85	45·45	1,136
1961	·36	22·52	55·29	990
1962	·07	4·10	41·66	967
1963	·14	9·25	74·67	1,229
1964	·14	8·03	56·68	1,075
1965	·56	29·00	48·98	1,205
1966	·14	7·66	46·33	773
1967	·47	24·39	46·43	1,022
1968	·13	6·90	45·13	972

# VITAL STATISTICS FOR 1968 AND PREVIOUS YEARS

TABLE NO. 3

Year	Estimated Population	Births		Deaths			
		No.	Rate per 1,000 pop.	Under 1 year		All ages	
				No.	Rate per 1,000 Live births	No.	Rate per 1,000 pop.
1946	12,530	219	17.47	15	68.49	152	12.13
1947	12,720	222	17.45	7	31.49	189	14.85
1948	12,760	222	17.39	13	58.55	153	11.99
1949	12,960	205	15.81	8	39.02	172	13.27
1950	13,250	183	13.81	7	38.25	170	12.83
1951	13,000	177	13.61	7	39.54	186	14.30
1952	13,000	191	14.69	3	15.18	174	13.38
1953	14,370	191	13.29	6	31.45	128	8.90
1954	14,270	182	12.76	2	10.98	144	10.09
1955	14,070	182	12.93	6	32.96	153	10.87
1956	13,600	192	14.11	4	20.83	176	12.94
1957	13,590	167	12.28	2	11.97	156	11.47
1958	14,000	180	12.85	2	11.11	161	11.50
1959	14,180	195	13.75	4	20.51	160	11.28
1960	14,820	220	14.84	7	31.81	161	10.86
1961	13,660	217	15.88	4	18.43	137	10.02
1962	13,770	240	17.42	4	16.66	139	10.09
1963	13,840	214	15.49	6	28.03	159	11.48
1964	13,950	247	17.69	3	12.15	139	9.99
1965	14,140	247	17.68	3	12.15	154	10.89
1966	14,380	259	17.32	5	19.30	173	12.03
1967	14,780	280	18.9	4	13.94	142	9.60
1968	15,720	288	18.32	6	20.83	182	11.58

**TUBERCULOSIS**  
New Cases and Mortality During 1968

TABLE NO. 4

<i>Age Periods</i>	<i>New Cases</i>				<i>Deaths</i>			
	<i>Respiratory</i>		<i>Non- respiratory</i>		<i>Respiratory</i>		<i>Non- respiratory</i>	
	<i>Male</i>	<i>Fe- male</i>	<i>Male</i>	<i>Fe- male</i>	<i>Male</i>	<i>Fe- male</i>	<i>Male</i>	<i>Fe- male</i>
Under 1	—	—	—	—	—	—	—	—
1 — 4	—	—	—	—	—	—	—	—
5 — 14	1*	—	—	—	—	—	—	—
15 — 24	—	—	—	—	—	—	—	—
25 — 34	1	1*	—	—	—	—	—	—
35 — 44	1*	—	1	—	—	—	—	—
45 — 54	—	—	—	—	—	—	—	—
55 — 64	—	—	—	—	—	—	—	—
65 +	—	—	—	—	—	—	—	—
<b>TOTALS</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

\*Inward Transfers

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES  
(Other than Tuberculosis) 1968

TABLE No. 5

<i>Disease</i>	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
Scarlet Fever	—	1	—	—	—	—	—	—	—	—	—	—	1
Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	—	—	—	—	—	—	—	—	—	7	—	—	7
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	—	—	—	—	—	—	—	—	—	—	1	—	1
Food poisoning	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—	—
Infective Hepatitis	—	—	—	—	—	—	—	1	—	2	—	—	3
TOTAL	—	1	—	—	—	—	—	1	—	9	1	—	12

# AGE INCIDENCE OF NOTIFIABLE DISEASES

(Other than Tuberculosis) 1968

TABLE NO. 6

<i>Disease</i>	-1	-2	-3	-4	-5	-10	-15	-20	-35	-45	-65	65+	<i>All Ages</i>	<i>Removed to Hospital</i>	<i>Deaths</i>
Scarlet Fever	—	—	—	—	—	1	—	—	—	—	—	—	1	—	—
Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	1	—	—	1	3	2	—	—	—	—	—	—	7	1	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—
Food Poisoning	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Para-typhoid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Infective Hepatitis	—	—	—	—	—	1	1	—	—	1	—	—	3	—	—
TOTAL	1	—	—	1	3	4	1	—	1	1	—	—	12	1	—

INCIDENCE OF NOTIFIABLE DISEASES  
(other than Tuberculosis)

IN INDIVIDUAL PARISHES, 1968

TABLE No. 7

Parish	Scarlet Fever	Pneumonia	Measles	Whooping Cough	Erysipelas	Puerperal Pyrexia	Diphtheria	Polio-myelitis	Food Poisoning	Dysentery	Infective Hepatitis	Para-typhoid	Malaria	TOTAL
Bozeat	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Doddington, Great	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Earls Barton	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Easton Maudit	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ecton	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grendon	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Hardwick	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Harrowden, Great	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Harrowden, Little	—	—	3	—	—	—	—	—	—	—	1	—	—	4
Irchester	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irchester, Little	—	—	2	—	—	—	—	—	—	—	—	—	—	2
Isham	—	—	2	—	—	—	—	—	—	—	—	—	—	2
Mears Ashby	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Newton Bromswold	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Orlingbury	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strixton	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sywell	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wilby	—	—	—	—	—	—	—	—	—	1	—	—	—	1
Wollaston	—	—	—	—	—	—	—	—	—	—	1	—	—	1
TOTALS	1	—	7	—	—	—	—	—	—	1	3	—	—	12

TABLE No. 8

## HOUSING PROGRAMME UP TO 31st DECEMBER, 1968

1.	Number of houses proposed to be erected as approved by the Ministry of Housing and Local Government to date					1,016
2.	(a) Number of sites concerning which lay-out plans and house plans have been approved by the Ministry of Housing and Local Government					55
	(b) Number of houses contained in such approved lay-outs					1,016
3.	Superficial area plans approved, determined in accordance with paragraph 4 of the Standards of New Houses adopted by the Joint Committee :					
(a) Non-parlour types.	2 bedrooms	X	type	square feet	846	
	2 "	R	"	"	868	
	2 "	I	"	"	872	
	3 "	M	"	"	916	
	3 "	N	"	"	952	
	3 "	O	"	"	965	
	3 "	P	"	"	972	
	3 "	J	"	"	946	
	3 "	H	"	"	937	
	3 "	G	"	"	914	
	3 "	F	"	"	912	
	3 "	K	"	"	850	
	3 "	L	"	"	927	
	3 "	B	"	"	900	
Convertible	3 to 4	V	"	"	903	
(b) Parlour type.	3 bedrooms	D	type	square feet	800	
	Duplex	E	"	"	840	
(c) Bungalow.	2 bedrooms	Q	"	"	745	
	2 "	T	"	"	635	
	2 "	Y	"	"	616	
	1 bedroom 2 persons	U	"	"	564	
	1 " 1 "	S	"	"	349	
	1 " 1 "	Z	"	"	384	
(d) Flats.	2 " 4 "	A	"	"	718	
	1 " 2 "	PM3	"	"	548	
	2 " 3 "	PM6	"	"	785	
4.	Number of houses for which tenders have been invited					229
5.	Number of house the erection of which have begun					1,016
	Number of houses approved but not erected					—

TABLE No. 9

## SUMMARY OF SANITARY INSPECTIONS, ETC.

Number of visits and inspections	1,524
Slaughterhouses on Register	2
Number of Slaughtermen Licensed	6
Visits to Slaughterhouses	275
Visits to Butchers' Shops	9
Number of Bakehouses	5
Visits to Bakehouses	5
Food condemned as unfit for human consumption	1,417 lbs.
Premises Licensed to sell Ice-cream	45
Blocked Sewers and Drains	120
Cesspools cleansed	280
Offensive Accumulations	6
Smoke and Dust nuisance	12
Rat infested premises	128
Premises infested with flies, etc.	37
Animals kept as to be a nuisance	9
Inspection of Food Premises	62
Housing Act inspections	74
Licences issued under Milk (Special Designation) Regulations, 1963	8
Offensive Trades	68
Infectious Diseases investigations	3
Samples of water taken	—
List of Outworkers	39
Caravan Sites Act, 1960	11
Noise Abatement Act	2
H.C.N. Fumigation Regulations	2
Animal Boarding Establishments	2
Offices, Shops and Railway Premises Act, 1963	12

TABLE NO. 10

Prescribed particulars on the administration of the Factories Act, 1961,  
Section 153(1), for the year 1968.

## PART I. OF THE ACT

1.—INSPECTIONS for the purpose of provisions as to health (including inspections made by Public Health Inspectors.)

<i>Premises</i>	<i>Number on Register</i>	<i>Number of</i>		
		<i>Inspections</i>	<i>Written notices</i>	<i>Occupiers prosecuted</i>
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	—	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	83	5	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	1	1	—	—
<b>TOTAL</b>	<b>84</b>	<b>6</b>	<b>—</b>	<b>—</b>

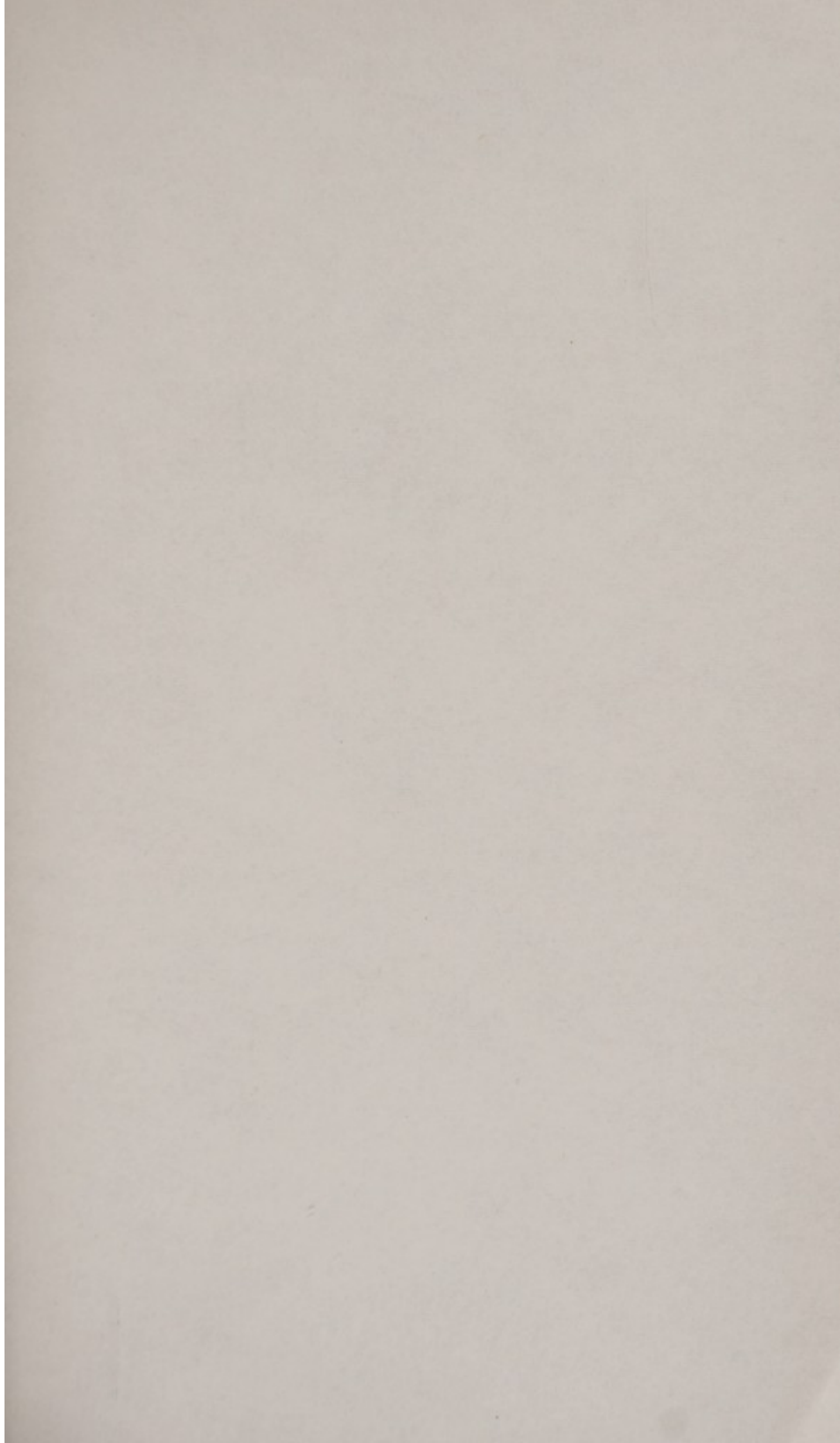
2.—Cases in which DEFECTS were found.

Particulars	No. of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.1) — — —	—	—	—	—	—
Overcrowding (S.2) — — —	—	—	—	—	—
Unreasonable temperature (S.3) —	—	—	—	—	—
Inadequate ventilation (S.4) —	—	—	—	—	—
Ineffective drainage of floors (S.6) —	—	—	—	—	—
Sanitary Conveniences (S.7) :					
(a) Insufficient — — — — —	—	—	—	—	—
(b) Unsuitable or defective —	1	1	—	—	—
(c) Not separate for sexes —	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork) — — — — —	—	—	—	—	—
TOTAL — — — — —	1	1	—	—	—

TABLE NO. 10—continued

## PART VIII. OF THE ACT — OUTWORK

Nature of Work	SECTION 133			SECTION 134		
	No. of out-workers in August list required by Sect. 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel—						
Making, etc. ....	39	—	—	—	—	—
Cleaning & Washing .....	—	—	—	—	—	—
Curtains and Furniture hangings .....	—	—	—	—	—	—
Furniture & Upholstery .....	—	—	—	—	—	—
Lampshades .....	—	—	—	—	—	—
Carding, etc., of Buttons, etc. ....	—	—	—	—	—	—
The making of boxes or parts thereof made wholly or partially of paper .....	—	—	—	—	—	—
Household Linen .....	—	—	—	—	—	—
<b>TOTAL</b> .....	<b>39</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>



## PART VII. OF THE ACT.—TEXTBOOK

Nature of Work	Section 133			Section 134		
	No. of articles in deposit for reference by Text Committee	No. of articles deposited in pending cases by Council	No. of promotions for failure to supply data	No. of articles of work in pending cases promoted	Nature of work	Reference made
Working apparel—						
Shirts, etc.	28					
Clothing & Working						
Clothes and Footwear						
Shoes						
Furniture & Upholstery						
Lampshades						
Cutting, etc., of Buttons,						
etc.						
The making of boxes of parts of work made shells or portions of paper						
Handmade Linen						
Total	28					



