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1972

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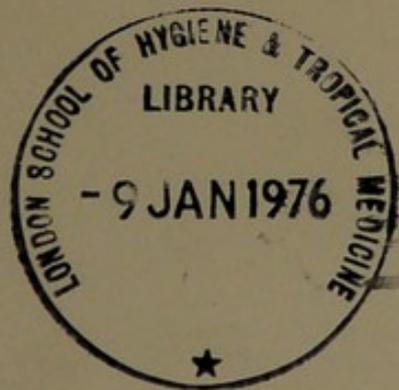
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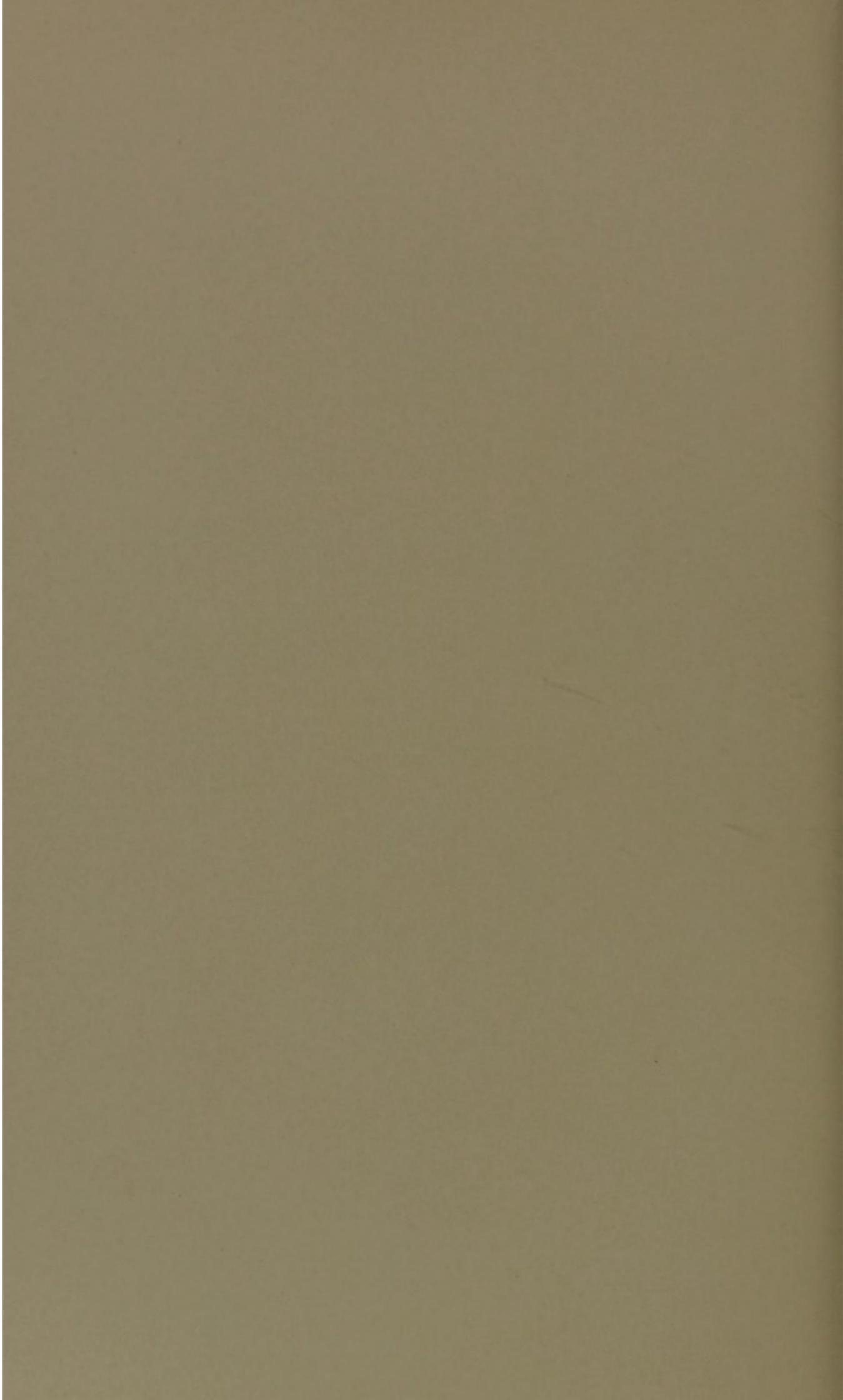
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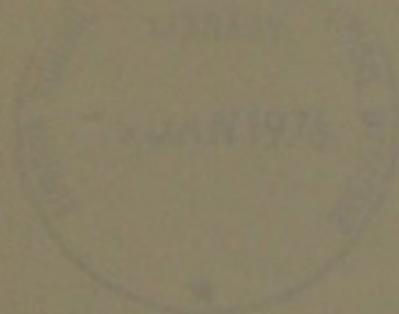


# THE HEALTH OF CHESTERFIELD

1972







# THE HEALTH OF CHESTERFIELD 1972

54	Education Committee
60	Report and Medical Inspector
61	Medical Treatment
62	Children's Centre
63	Statistical Tables

# CONTENTS

## SECTION I

### STATISTICS AND SOCIAL CONDITIONS

	<i>Page</i>
Health and Welfare Committee .. .. .	4
Statistics .. .. .	7
General Provision of Health Services .. .. .	15
Infectious and other diseases .. .. .	16
Health Education .. .. .	19

## SECTION II

### PERSONAL HEALTH SERVICES

#### PART III SERVICES

Section 22—Care of Mothers and Young Children ..	20
„ 23—Midwifery .. .. .	24
„ 24—Health Visiting .. .. .	25
„ 25—Home Nursing .. .. .	25
„ 26—Vaccination and Immunisation .. .. .	26
„ 28—Prevention of Illness, Care and After-Care	27

## SECTION III

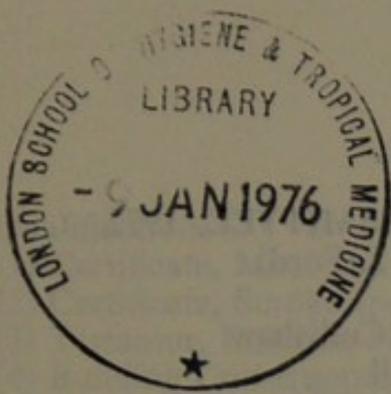
### ENVIRONMENTAL HEALTH SERVICES

Sanitary Circumstances of the Area .. .. .	30
Sanitary Inspection of the Area .. .. .	36
Inspection and Supervision of Food .. .. .	44
Food and Drugs Act .. .. .	48
Housing .. .. .	53

## SECTION IV

### SCHOOL HEALTH SERVICE

Education Committee .. .. .	58
Report and Medical Inspection .. .. .	60
Medical Treatment .. .. .	61
Children's Centre .. .. .	62
Statistical Tables .. .. .	63



Health Department,  
Town Hall,  
Chesterfield

H. BAILEY, M.B., Ch.B., M.F.C.M., D.P.H.,

Medical Officer of Health

### **To the Mayor, Aldermen and Councillors**

Vital statistics have more meaning when compared with the figures for previous years or with the averages for the country as a whole. The infant mortality rate of 25 compares with 17 for England and Wales; the perinatal mortality rate of 33 compared with 22 for England and Wales.

Deaths from cancer of the lung continued their upward trend and totalled 48. Accidents accounted for 39 deaths in the Borough.

Once again it is gratifying to report a high level of immunisation in infants.

Acknowledgements are due to Mr. D. Fellows for his report on climatology and Mr. C. H. Crombie for his report as Engineer and Manager to the North Derbyshire Water Board.

During the year work was commenced on the building of the Chesterfield Health Centre, and at the time of writing the building is in use and proving to be an asset to the Town. It is with very much regret that it was not possible to see the Health Centre fully operational before reorganisation as there is no doubt such large scale projects need a driving force to see them develop to finality.

With the prospect of reorganisation very much in our minds and with increasing demands on staff time, shortages of manpower were much in evidence. In spite of this, a good service was rendered to the public and I am very much indebted to my Staff for their loyal support during the year and to the Health Committee for their understanding in the face of these difficulties.

H. BAILEY,

*Medical Officer of Health*

**HEALTH AND WELFARE COMMITTEE, 1972**  
**THE MAYOR (Councillor J. Ford)**

Chairman—Alderman Mrs. Collishaw  
 Alderman Bucknall  
 Alderman J. L. Hadfield

Councillor	Mrs. Anderson
„	Billinge
„	Catt
„	Caulfield
„	Fisher
„	Heath
„	James
„	Martin
„	Salisbury
„	Mrs. Sargeant
„	Slack
„	Treece
„	Mrs. Tideswell
„	Wright

**STAFF OF THE HEALTH AND WELFARE DEPARTMENT**

(at 31st December, 1972)

*Medical Officer of Health*

H. Bailey, M.B., CH.B., M.F.C.M., D.P.H.

*Deputy Medical Officer of Health*

Vacant

*Assistant Medical Officer of Health*

Joan B. M. Leith, M.B., CH.B.

*Dental Officer*

Vacant

*Chief Public Health Inspector*

J. B. Brackenbury, M.A.P.H.I. (1), (2), (5)

*Deputy Chief Public Health Inspector*

R. Wilcock, (1), (2), (5)

*Public Health Inspectors*

R. Sharp, M.A.P.H.I. (1), (2), (5)

H. Thorpe, M.A.P.H.I. (1), (5)

J. Genn, M.A.P.H.I. (1), (5)

C. Baxter, M.A.P.H.I. (1), (2), (5)

H. Plater (1), (5)

G. McGrogan, (1), (5)

G. Ormondroyd, Pupil Public Health Inspector

M. Bailey, Pupil Public Health Inspector

### Qualifications

- (1) Certificate, Meat and Other Foods Inspector
- (2) Certificate, Smoke Inspector
- (3) Testamur, Institute of Public Cleansing (Honours)
- (4) Building Construction Certificate
- (5) Public Health Inspector's Certificate or Diploma

#### *Nursing Officer*

Miss M. Hattley, S.R.N., H.V.

#### *Health Visitors*

Miss M. Norman, S.R.N., H.V.  
 Mrs. E. K. Greenfield, S.R.N., S.C.M., H.V.  
 Miss M. J. Roddis, S.R.N., S.C.M., H.V.  
 Miss K. M. Thorpe, S.R.N., S.C.M., H.V.  
 Miss A. Boylan, S.R.N., S.C.M., H.V.  
 Miss H. E. Ffoulkes, S.R.N., S.C.M., H.V.  
 Mrs. H. Mellard, S.R.N., H.V.  
 Miss M. Eades, S.R.N., S.C.M., H.V.

#### *Student Health Visitor*

Mrs. D. Taylor, S.R.N., S.C.M.

#### *Home Nurses*

Mrs. E. Beswick, S.R.N.  
 Mrs. E. Kirk, S.R.N.  
 Mrs. M. Brazell, S.R.N., S.C.M.  
 Mrs. E. Harwood, S.R.N., S.C.M.  
 Mrs. M. Ibbotson S.R.N.  
 Mrs. B. J. Wilson, S.R.N.  
 Miss J. Addlington, S.R.N., S.C.M.  
 Mrs. M. Cocking, S.E.N.  
 Mrs. J. M. Page, S.R.N.  
 Mrs. J. Smithurst, S.E.N.  
 Mrs. Sydall, S.R.N.

#### *Supervisory of Midwives*

Mrs. M. C. Rhodes, S.R.N., S.C.M., R.F.N.

#### *Domiciliary Midwives*

Mrs. E. Parums, S.E.A.N., S.C.M.  
 Mrs. E. Martlew, S.R.N., S.C.M.  
 Mrs. J. Anderson, S.R.N., S.C.M.  
 Mrs. K. L. Keelty, S.R.N., S.C.M.  
 Mrs. L. Pullen, S.R.N., S.C.M.  
 Mrs. C. O. Mandeville, S.C.M.  
 Mrs. E. Turner, S.R.N., S.C.M.  
 Mrs. W. Wain, S.E.N., S.C.M.

#### *Senior Administrative Assistant*

R. Clark



*Senior Clerical Assistant*  
R. Watts

*Clerks*

Miss M. Kirk  
Miss J. Dronfield  
Mrs. G. Kendall  
Miss L. Manson  
Miss B. Cripps

Miss V. Cannon  
Miss A. Shelbourne  
Miss E. Samson  
Miss C. Hall

*Welfare Foods (Part-time)*

Mrs. M. Whitworth      Mrs. M. Shorthouse

*Rodent Operative and Disinfector*  
G. E. P. Walker

## SECTION 1

# STATISTICS AND SOCIAL CONDITIONS

Year	Population (1971)	Population—1972 (Registrar General's Estimate)	Adjusted Birth Rate per 1,000 population (sex-comparability factor 1.03)	Estimated live births	Estimated live births per 1,000 population (sex-comparability factor 1.03)
1972	2,472	2,472	14.8	36,182	14.8
1971	2,012	2,012	13.7	27,562	13.7
1970	1,970	1,970	13.7	27,000	13.7
1969	1,970	1,970	13.7	27,000	13.7
1968	1,970	1,970	13.7	27,000	13.7
1967	1,970	1,970	13.7	27,000	13.7
1966	1,970	1,970	13.7	27,000	13.7
1965	1,970	1,970	13.7	27,000	13.7
1964	1,970	1,970	13.7	27,000	13.7
1963	1,970	1,970	13.7	27,000	13.7
1962	1,970	1,970	13.7	27,000	13.7
1961	1,970	1,970	13.7	27,000	13.7
1960	1,970	1,970	13.7	27,000	13.7
1959	1,970	1,970	13.7	27,000	13.7
1958	1,970	1,970	13.7	27,000	13.7
1957	1,970	1,970	13.7	27,000	13.7
1956	1,970	1,970	13.7	27,000	13.7
1955	1,970	1,970	13.7	27,000	13.7
1954	1,970	1,970	13.7	27,000	13.7
1953	1,970	1,970	13.7	27,000	13.7
1952	1,970	1,970	13.7	27,000	13.7
1951	1,970	1,970	13.7	27,000	13.7
1950	1,970	1,970	13.7	27,000	13.7
1949	1,970	1,970	13.7	27,000	13.7
1948	1,970	1,970	13.7	27,000	13.7
1947	1,970	1,970	13.7	27,000	13.7
1946	1,970	1,970	13.7	27,000	13.7
1945	1,970	1,970	13.7	27,000	13.7
1944	1,970	1,970	13.7	27,000	13.7
1943	1,970	1,970	13.7	27,000	13.7
1942	1,970	1,970	13.7	27,000	13.7
1941	1,970	1,970	13.7	27,000	13.7
1940	1,970	1,970	13.7	27,000	13.7
1939	1,970	1,970	13.7	27,000	13.7
1938	1,970	1,970	13.7	27,000	13.7
1937	1,970	1,970	13.7	27,000	13.7
1936	1,970	1,970	13.7	27,000	13.7
1935	1,970	1,970	13.7	27,000	13.7
1934	1,970	1,970	13.7	27,000	13.7
1933	1,970	1,970	13.7	27,000	13.7
1932	1,970	1,970	13.7	27,000	13.7
1931	1,970	1,970	13.7	27,000	13.7
1930	1,970	1,970	13.7	27,000	13.7
1929	1,970	1,970	13.7	27,000	13.7
1928	1,970	1,970	13.7	27,000	13.7
1927	1,970	1,970	13.7	27,000	13.7
1926	1,970	1,970	13.7	27,000	13.7
1925	1,970	1,970	13.7	27,000	13.7
1924	1,970	1,970	13.7	27,000	13.7
1923	1,970	1,970	13.7	27,000	13.7
1922	1,970	1,970	13.7	27,000	13.7
1921	1,970	1,970	13.7	27,000	13.7
1920	1,970	1,970	13.7	27,000	13.7
1919	1,970	1,970	13.7	27,000	13.7
1918	1,970	1,970	13.7	27,000	13.7
1917	1,970	1,970	13.7	27,000	13.7
1916	1,970	1,970	13.7	27,000	13.7
1915	1,970	1,970	13.7	27,000	13.7
1914	1,970	1,970	13.7	27,000	13.7
1913	1,970	1,970	13.7	27,000	13.7
1912	1,970	1,970	13.7	27,000	13.7
1911	1,970	1,970	13.7	27,000	13.7
1910	1,970	1,970	13.7	27,000	13.7
1909	1,970	1,970	13.7	27,000	13.7
1908	1,970	1,970	13.7	27,000	13.7
1907	1,970	1,970	13.7	27,000	13.7
1906	1,970	1,970	13.7	27,000	13.7
1905	1,970	1,970	13.7	27,000	13.7
1904	1,970	1,970	13.7	27,000	13.7
1903	1,970	1,970	13.7	27,000	13.7
1902	1,970	1,970	13.7	27,000	13.7
1901	1,970	1,970	13.7	27,000	13.7
1900	1,970	1,970	13.7	27,000	13.7

## GENERAL STATISTICS

Area .. .. . (Acres) ..	8,472
Population (Census 1971 .. .. .)	70,135
Population—Mid 1972 (Registrar General's Estimate)	69,970

## VITAL STATISTICS

		England and Wales
Live Births (480 Male, 452 Female) .. ..	932	725,405
Live birth rate per 1,000 population .. ..	13.3	14.8
Adjusted birth rate per 1,000 population (area comparability factor 1.03) .. ..	13.7	14.8
Illegitimate live births .. .. .	68	62,498
Illegitimate live births per cent of total live births	7	9
Still Births .. .. .	16	8794
Still Birth Rate per 1,000 live and still births ..	17	12
Total Live and Still Births .. .. .	948	734,199
Infant Deaths (deaths under 1 year) .. ..	23	12,494
Infant Morality Rate per 1,000 live births ..	25	17
Legitimate Infant Deaths per 1,000 Legitimate live births .. .. .	24	17
Illegitimate Infant Deaths per 1,000 Illegitimate live births .. .. .	29	21
Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 live births) .. .. .	17	12
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 live births) .. .. .	16	10
Perinatal Mortality Rate (still births and deaths under 1 week combined per 1,000 live and still births .. .. .)	33	22
Maternal Mortality (including abortion) ..	—	—
Maternal Mortality Rate per 1,000 live and still births .. .. .	—	—
Deaths (497 Male, 449 Female) .. .. .	946	595,907
Death Rate per 1,000 population .. .. .	13.5	12.1
Adjusted Death Rate per 1,000 population (area comparability factor .92) .. .. .	12.4	12.1

**Births**

932 live births were registered in 1972—a decrease of 147 compared with the previous year. The resulting crude birth-rate of 13.3 per 1,000 population when corrected by the Registrar General's comparability factor (1.03) becomes 13.7 to compare with the rate for England and Wales of 14.8. 68 or 7.3 per cent of the live births were illegitimate.

Still births numbered 16 being 1.6% of the total live and still births.

### **Deaths**

The deaths numbered 946 giving a rate of 12.4 per 1,000 population compared with a rate of 12.1 for England and Wales.

Chief causes of death were diseases of the heart and circulatory system (excluding Coronary Artery Disease) 264 Coronary Artery Disease 216 and Cancer 178. Of the total Cancer deaths, 48 (40 Males, 8 Females) were from Cancer of the Lung.

Other causes of death included Pneumonia 65, Bronchitis 55, Motor Vehicle Accidents 10, other accidents 29, Suicide 1.

### **Infant Mortality**

There were 23 deaths of infants under one year of age giving an Infant Mortality Rate of 25 per 1,000 live births compared with a rate of 17 for England and Wales. 16 of the infant deaths occurred in the neonatal period (i.e. within the first 28 days) and of these 15 occurred during the first week.

## Registrar-General's Return of Deaths, 1972

Cause of Death	Sex	All Ages	Under four weeks	Four weeks and under one year	Age in Years								
					1-	5-	15-	25-	35-	45-	55-	65-	75-
B4 Entiritis and other diarrhoeal diseases	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	1	-	-	-	-	-	-	-	-	-
B11 Meningococcal Infection	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	1	-	-	-	-	-
B14 Measles	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	1	-	-	-	-	-	-	-	-
B18 Other Infective and Parasitic Diseases	M	1	-	-	-	-	-	-	-	1	-	-	-
	F	1	-	1	-	-	-	-	-	-	-	-	-
B19(1) Malignant neoplasm, buccal cavity etc.	M	1	-	-	-	-	-	-	-	-	-	1	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
B19(2) Malignant neoplasm, oesophagus	M	7	-	-	-	-	-	-	-	1	3	3	-
	F	1	-	-	-	-	-	-	-	-	-	-	1
B19(3) Malignant neoplasm, stomach	M	18	-	-	-	-	-	-	1	3	8	6	-
	F	11	-	-	-	-	-	-	2	3	4	2	-
B19(4) Malignant neoplasm, intestine	M	11	-	-	-	-	-	1	3	4	3	-	-
	F	10	-	-	-	-	-	-	1	3	2	4	-
B19(5) Malignant Neoplasm, Larynx	M	1	-	-	-	-	-	-	-	-	-	1	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
B19(6) Malignant neoplasm, lung bronchus	M	40	-	-	-	1	-	-	7	10	15	7	-
	F	8	-	-	-	-	-	1	2	1	1	3	-
B19(7) Malignant neoplasm, breast	M	1	-	-	-	-	-	-	-	-	-	1	-
	F	16	-	-	-	-	-	-	2	8	4	2	-
B19(8) Malignant neoplasm, uterus	F	6	-	-	-	-	-	-	2	1	1	2	-
B19(9) Malignant neoplasm, prostate	M	4	-	-	-	-	-	-	-	-	-	1	3
B19(10) Leukaemia	M	5	-	-	-	1	-	-	1	-	1	2	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
B19(11) Other malignant neoplasms	M	19	-	-	-	-	1	-	4	5	3	6	-
	F	16	-	-	-	-	-	1	2	2	6	5	-
B20 Benign and unspecified neoplasms	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	3	-	-	-	-	-	-	-	-	-	-	3
B21 Diabetes mellitus	M	2	-	-	-	-	-	1	-	-	1	-	-
	F	4	-	-	-	-	-	-	-	2	1	1	-
B46(1) Other endocrine etc. diseases	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	1	-	-	-	-	-	-	-	-	-
B23 Anaemias	M	2	-	-	-	-	-	-	-	-	-	-	2
	F	1	-	-	-	-	-	-	-	-	-	-	1
B46(2) Other diseases of blood, etc.	M	2	-	-	-	1	-	1	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
B46(3) Mental disorders	M	1	-	-	-	-	-	-	-	-	-	-	1
	F	2	-	-	-	-	-	-	-	-	1	1	-
B46(5) Other diseases of nervous system etc.	M	4	-	-	-	-	-	-	-	-	2	2	-
	F	15	-	-	-	-	-	-	-	1	5	9	-
B26 Chronic rheumatic heart disease	M	8	-	-	-	-	-	-	1	2	2	3	-
	F	13	-	-	-	-	-	2	5	3	1	2	-
B27 Hypertensive disease	M	7	-	-	-	-	-	-	1	3	2	1	-
	F	5	-	-	-	-	-	-	-	1	1	3	-
B28 Ischaemic heart disease	M	142	-	-	-	-	-	4	13	41	54	30	30
	F	74	-	-	-	-	-	1	4	8	30	31	31
B29 Other forms of heart disease	M	11	-	-	-	-	-	-	2	-	3	6	-
	F	24	-	-	-	1	-	-	-	3	3	17	-

Cause of Death	Sex	All Ages	Under four weeks	Four weeks and under one year	Age in Years								
					1-	5-	15-	25-	35-	45-	55-	65-	75-
B30 Cerebrovascular disease	M	67	-	-	-	-	-	-	1	5	12	17	32
	F	80	-	-	-	-	-	-	-	2	7	22	49
B46(6) Other diseases of circulatory system	M	24	-	-	-	-	-	-	-	-	4	6	14
	F	25	-	-	-	-	-	-	-	1	1	5	18
B31 Influenza	M	2	-	-	-	-	-	-	-	-	-	1	1
	F	3	-	-	-	-	-	-	-	-	-	-	3
B32 Pneumonia	M	26	-	-	-	-	-	1	2	4	7	12	
	F	39	-	-	1	-	-	1	1	-	10	26	
B33(1) Bronchitis and emphysema	M	39	-	-	-	-	-	-	-	-	13	13	13
	F	14	-	-	-	-	-	-	1	1	4	8	
B33(2) Asthma	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	-	1
B46(7) Other diseases of respiratory system	M	9	1	3	-	-	-	-	-	1	-	3	1
	F	4	-	1	1	-	-	-	-	-	-	1	1
B34 Peptic ulcer	M	2	-	-	-	-	-	-	-	-	-	2	-
	F	4	-	-	-	-	-	1	-	-	-	1	2
B36 Intestinal obstruction and hernia	M	5	-	-	-	-	1	-	-	-	-	3	1
	F	7	-	-	-	-	-	-	-	-	1	-	6
B37 Cirrhosis of liver	M	1	-	-	-	-	-	-	-	-	-	1	-
	F	2	-	-	-	-	1	-	-	-	1	-	-
B46(8) Other diseases of digestive system	M	2	-	-	-	-	-	-	-	-	1	-	1
	F	5	-	-	-	-	-	-	-	-	-	1	4
B38 Nephritis and nephrosis	M	2	-	-	-	-	-	-	-	-	-	-	2
	F	4	-	-	-	-	-	1	1	1	1	1	-
B39 Hyperplasia of prostate	M	4	-	-	-	-	-	-	-	-	-	2	2
B46(9) Other diseases, Genito-urinary system	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	6	-	-	-	-	-	-	-	-	1	-	5
B46(11) Diseases of musculo-skeletal system	M	2	-	-	-	-	-	-	-	-	1	-	1
	F	1	-	-	-	-	-	-	-	-	-	1	-
B42 Congenital anomalies	M	2	2	-	-	-	-	-	-	-	-	-	-
	F	6	3	-	-	-	1	-	-	2	-	-	-
B43 Birth injury, difficult labour, etc.	M	1	1	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
B44 Other causes of perinatal mortality	M	7	7	-	-	-	-	-	-	-	-	-	-
	F	2	2	-	-	-	-	-	-	-	-	-	-
B45 Symptoms and ill defined conditions	M	1	-	-	-	-	-	-	-	-	-	-	1
	F	2	-	-	-	-	-	-	-	-	-	-	2
BE47 Motor vehicle accidents	M	7	-	-	-	1	1	-	1	-	1	1	2
	F	3	-	-	-	-	-	-	-	1	-	1	1
BE48 All other accidents	M	5	-	-	-	-	-	-	2	-	-	1	2
	F	24	-	-	-	-	-	-	-	1	-	7	16
BE49 Suicide and self-inflicted injuries	M	1	-	-	-	-	1	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
BE50 All other external causes	M	1	-	-	-	-	-	-	-	-	-	1	-
	F	3	-	-	-	-	1	-	-	1	-	-	1
TOTAL ALL CAUSES	M	497	11	3	-	2	3	4	11	41	106	159	157
	F	449	5	4	3	-	1	3	9	28	52	114	230

## CLIMATOLOGY

## 1972: Chesterfield Municipal Borough

Mr. D. S. B. Fellowes, F.R.Met.S. continued his weather observations during the year, and the following is his report:-

	Mean Maximum	Mean Minimum	Warmest Day	Coldest Day	Warmest Night	Coldest Night	Grass Minimum	Air Frosts	Ground Frosts	Mean 09 Humidity	Hours of Dry Air	Total Rain (mm)	Days with Rain	Total Sunshine	Mornings with Fog
January	41.7	33.4	51	30	42	7	4	10	19	93	0	101	26	38	7
February	42.3	33.8	47	34	41	8	1	9	14	95	0	71	18	27	11
March	49.0	34.3	62	36	43	26	15	9	23	89	33	104	18	106	7
April	52.5	40.1	59	45	50	34	26	0	7	81	65	56	14	93	0
May	57.2	41.9	63	51	51	30	26	1	6	77	77	68	20	118	0
June	59.9	44.6	65	53	55	35	29	0	2	78	71	75	21	129	1
July	66.4	49.6	78	59	57	35	31	0	1	80	67	64	13	149	2
August	65.8	49.3	73	59	57	38	34	0	0	81	56	84	11	188	0
September	58.5	44.2	69	52	53	31	26	1	5	84	16	59	6	81	1
October	55.6	41.5	62	49	53	29	22	3	10	88	29	20	11	65	7
November	48.0	37.7	61	40	52	24	16	7	15	89	6	80	16	69	1
December	45.1	36.0	55	35	45	29	22	7	16	93	0	89	18	22	10
YEAR	53.3	40.5	78	30	57	7	4	47	118	86	420	871	192	1085	47

Recordings taken at Queens Park Annexe, Chesterfield, 280 feet a.s.l.  
(Station transferred from Scarsdale Hospital, 31st December, 1971)

Mean AIR TEMPERATURE during the year, 46.9 deg F was 1.3 deg below normal due to continuous depression of maxima during the summer. Indeed the summer of 1972 was one of the worst in respect of low temperatures, low solar radiation, days with rain and excessive moisture content.

Both January and February afforded near average temperatures for the second year running although January was very cold at the end of the month, when on the morning of the 31st there was a low minima of 7 deg. and a ground minima of -4 deg, the lowest temperatures locally since the severe winter of 1963. March continued the average conditions but a period of near summer warmth gave a maximum of 62 deg on 19th, the mildest spring day since 1968. With no air frost and the fewest ground frosts for eleven years April gave few mild days. The cool days continued into May, the maximum temperature of 63 deg. being the lowest for ten years. June produced little in the way of comfort and was the coolest locally since 1928, and in regard to the highest temperature reached, 65 deg. the coolest since 1884. It was not until 13th July that 70 deg. was first reached in Chesterfield, ironically on a day on which the thermometer rose to over 80 deg. within the Scandinavian arctic regions. Summer made its appearance on 20th July when 78 deg.

was recorded with 80 deg. locally within Chesterfield. August quickly reverted to the familiar cool pattern although warm weather made a brief return on the 25th when 73 deg. was reached. Cool weather at the very end of the month heralded the coldest September for twenty years, with an air frost on one night. October was the fifth cool month since May, with a mean of only 48.5 deg. and this time the coldest since 1964. In a brief mild spell the thermometer reached 62 deg. on the 7th, but the nights produced no less than ten ground frosts. The mildest November for eight years followed, with a maximum of 61 deg. on the 6th, air frost was much less severe than usual although on the 18th the ground temperature fell to 16 deg. December too was on the mild side with only seven air frosts, and a maximum of 55 deg. mid month.

During the year there were only 98 days with a maximum over 60 deg. and a mere 15 days over 70 deg, compared with 136 and 28 days in 1971, a 'normal' year.

As in 1971 there was less FROST than usual, the air temperature falling below 32 deg for only 324 hours over 47 nights, no less than 31 frosts fewer than average. Ground frosts occurred on 118 nights, with a maximum of 23 nights in March, only August failing to have a ground minimum below 32 deg.

The total RAINFALL, 871 m.m. afforded a very slight excess over the average, falling on 192 days (twenty more than normal) for a total duration of 839 hours.

The winter months all showed an excess of rainfall and January was the wettest for ten years with 101 m.m. in Chesterfield. An average February was followed by the wettest March since 1964—at 104 m.m. the wettest month of the year. April was drier than normal and May too showed a slight deficit. June while being abnormally cool was then very wet, rain falling on 21 days and giving a total in excess of 140 per cent of the average. Rainfall in July was average but storms around mid month produced some heavy daily falls. On 1st August 54 m.m. fell in the town, but nevertheless the month showed a rainfall lower than average. Continuing the deficit September also produced a wet day when on the 8th 44 m.m. was recorded in Chesterfield. October was the driest month of the year with only 20 m.m. Both November and December received an average fall although a monthly total of 279 m.m. was recorded in the High Peak in December.

Snow was less in evidence than usual, as in 1971, falling on 18 days and lying on only 10 mornings.

The total of bright SUNSHINE, 1085 hours was the lowest since local records began in 1944. In so dull and dismal a year one would naturally expect to find most months showing a deficit of sunshine and this was indeed the case for three quarters of the year. January was dull for the fifth time in succession and February the dullest for seven years. March had a slight excess, but then the following four months all showed a deficit of sunshine. Finally August with 188 hours gave a 25 per cent excess. Both September



and October saw a return of the sunless weather, with totals of only 70 per cent of average. The mildest November since 1964 yielded the highest sunshine excess of any month, 140 per cent, and indeed the town had one of the highest totals anywhere in the country. Finally December experienced a near record low total of 22 hours, compared with 60 hours of sun in the north east of Scotland.

Fog was observed on 47 mornings an increase of 15 on the previous year. Mean air pressure, reduced to sea level, was 1018 mb, ranging from 983 to 1039 mb. The mean annual 09 hours relative humidity was 86 per cent, the mean lowest humidity being 70%, with a value of 35% per cent occurring on one day in March. Dry air, relative humidity below 60 per cent was recorded for a total of 420 hours, a figure closely in agreement with 1971 which likewise had poor summer dry air values.

Gales occurred on 3 days with a highest gust of 54 mph in the normally quiescent month of May. Thunder was heard on 15 days and Hail reported on 12 occasions.

(D. S. B. Fellowes)

## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

### **Ambulance Facilities**

The Derbyshire County Council provides the Ambulance Service in the town.

### **Laboratory Work**

The County Health Laboratory carries out certain bacteriological examinations and specimens in connection with the investigation and control of dysentery, food poisoning and intestinal infections are examined by the Public Health Laboratory Services provided by the Ministry of Health. Both Laboratories give excellent service and co-operation.

### **National Assistance Act, 1948**

#### **National Assistance (Amendment) Act, 1951**

Again it was not necessary to act under Section 47 to remove any persons in need of care and attention. A number of cases were investigated but in co-operation with the County Social Services Department these were all dealt with satisfactorily without action having to be taken under the Act.

### **National Assistance Act, 1948—Section 50**

Under this Section, the local authority is required to arrange for the burial of persons dying in the area where it appears that no arrangements are being or have been made. During 1972 three burials were arranged.

### **Medical Examinations**

Medical examinations are carried out by the Medical Officers of the Department in connection with new appointments to the Corporation Staff, Student Teachers to Universities and Training Colleges, newly appointed Teachers and other staff appointed under the Education Committee and in connection with the staff appointed by the Transport Department. During the year under review, 291 medical examinations were carried out. In addition, the Medical Officer of Health makes investigations and carries out examinations in connection with the Corporation's Workmen's Sick Pay Scheme.

### **Health Education**

The scheme was started for training Student Nurses in Community Care as part of their general syllabus and this proved very successful.

Relaxation and Parentcraft classes taken by Midwives, Nurses and Doctors in which talks are given and films shown on preparation for the new-comer were again very well attended.

Dental talks and films were arranged by the Dental Offices and dental kits were given to young children. A poster competition

on Dental Health was arranged in a school with some gratifying results.

The Medical and Nursing Staff, Public Health Staffs continued giving talks and showing films in schools, Hospitals and other organisations in spite of heavy commitments due to Reorganisation and staff shortages.

### PREVALENCE AND CONTROL OF INFECTIOUS AND OTHER DISEASES

The following tables give numbers and types of cases of notifiable diseases and also age groups:—

Disease	Total Cases Notified
Scarlet Fever .. .. .	37
Meningococcal Meningitis .. .. .	1
Measles .. .. .	478
Food Poisoning .. .. .	1
Encephalitis .. .. .	2
Infective Jaundice .. .. .	3
<b>TOTALS .. .. .</b>	<b>522</b>

Disease	Notified Cases													Total
	At Age Groups—Years													
	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 60	60 & over		
Scarlet Fever .. .. .	—	—	1	6	9	21	—	—	—	—	—	—	—	37
Measles .. .. .	24	54	37	44	70	236	11	1	1	—	—	—	478	
Meningococcal Meningitis .. .. .	—	—	—	—	—	—	—	—	—	1	—	—	—	
Food Poisoning .. .. .	—	1	—	—	—	—	—	—	—	—	—	—	—	
Encephalitis .. .. .	—	—	1	—	—	1	—	—	—	—	—	—	—	
Infective Jaundice .. .. .	—	—	—	—	—	—	—	2	1	—	—	—	—	
<b>TOTALS .. .. .</b>	<b>24</b>	<b>55</b>	<b>39</b>	<b>50</b>	<b>79</b>	<b>258</b>	<b>11</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>522</b>	

**Tuberculosis**

10 cases of tuberculosis were notified.

Age Periods	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
Under 1 year ..	—	—	—	—	—	—	—	—
1—5 years ..	—	—	—	—	—	—	—	—
5—10 „ ..	—	—	—	—	—	—	—	—
10—15 „ ..	—	—	—	—	—	—	—	—
15—20 „ ..	—	—	—	—	—	—	—	—
20—25 „ ..	—	—	—	—	—	—	—	—
25—35 „ ..	—	1	—	—	—	—	—	—
35—45 „ ..	—	1	—	—	—	—	—	—
45—55 „ ..	3	—	1	—	—	—	—	—
55—65 „ ..	2	—	—	—	—	—	—	—
65 and upwards ..	2	—	—	—	—	—	—	—
Total ..	7	2	1	—	—	—	—	—

**Mass Radiography—June 1972**

Miniature Films	Number X-Rayed			X-Rayed first time	
	Male	Female	Total	Number	%
General Public	2749	4007	6756	1068	16%

Large Films	Satisfactory	Clinical Examinations	Did not come for large film
Male	20	12	1
Female	10	11	3
Total	30	23	4

Clinical Examinations	Number	Remarks
Observation Pulmonary Tuberculosis	Male 1 Female 2	Referred to Chest Clinic. Two had normal films previously
Observation (Non-tuberculous)	Male 3 Female 2	Referred to Chest Clinic. Three had normal films previously
Pneumoconiosis	Male 2	One referred to own doctor other was a known case
Bronchiectasis Pulmonary Fibrosis	Male 1 Male 1 Female 1	Referred to Chest Clinic No further action required "
Cardiac Conditions	Male 1 Female 1	Referred to own doctor "

Cases of Pulmonary Tuberculosis	1972		After full investigation for the years					
			1971		1970		1969	
	No.	%	No.	%	No.	%	No.	%
Active Pulmonary Tuberculosis	—	—	—	—	2	.03%	1	.016
Observation Pulmonary Tuberculosis	4	.06						

## SECTION II

### National Health Services Act, 1946

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# PERSONAL HEALTH SERVICES

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## SECTION 22—CARE OF MOTHERS AND YOUNG CHILDREN

**Child Welfare Centre**

No. of Centres provided .. .. .	10
No. of sessions held per month .. .. .	50
No. of children born in 1972 who attended a Centre for the first time .. .. .	784
Total No. of children who attended a centre during the year .. .. .	2,374
Total attendances made:	
Children under 1 year .. .. .	13,907
Children 1 to 5 years .. .. .	4,949
<b>TOTAL .. .. .</b>	<b>18,856</b>

**Welfare Food Service**

The Government discontinued the issue of orange juice but sale of this was continued until stocks were exhausted in June, 1972.

A, D and C tablets were introduced and sales of all Welfare foods were as follows:-

N.D.M. Full cream .. .. .	1950
Vitamin Drops A.D.C. .. .. .	1451
Vitamin Tablets A.D.C. .. .. .	532
Orange Juice .. .. .	7061

The sale of some proprietary brands of infant foods were continued at the Central Office in the Town Hall and at the Baby Clinics in various parts of the town.

**Ante-natal Clinics**

No. of Ante-natal Clinics .. .. .	3
No. of sessions held per month .. .. .	13
No. of expectant mothers attended .. .. .	209
Total attendances made .. .. .	496

All expectant mothers attending the Ante-natal clinic for the first time have a blood sample taken to determine the blood group, the Rh. factor and the presence of blood disease. They also have a haemoglobin estimation test periodically and, where necessary, are referred to their own doctor for treatment.

**Ante-natal Mothercraft and Relaxation Classes**

No. of women who attended during the year:	
Hospital booked .. .. .	342
Domiciliary booked .. .. .	26
<b>Total .. .. .</b>	<b>368</b>
No. of attendances made .. .. .	1788

### Cervical Cytology

Total number of Smear Tests taken	..	..	..	854
Number of Routine Tests	..	..	..	475
Number of 1st Tests (negative)	..	..	..	323
Total Number of special Repeats	..	..	..	56

At 56 sessions 854 smears were taken from women of whom almost half were over the age of 40. 7 women had smears which were suggestive of cancer, 2 subsequently became positive, 2 were confirmed as negative and the remaining 3 continued under supervision.

In the course of examination a number of other gynaecological conditions were discovered and in some cases the symptoms of these conditions and menopausal symptoms are the motivating factor for the woman presenting herself for the smear test. These patients are advised about seeing their own doctor for treatment and the more urgent and serious cases are followed up by the Nursing Officer.

### Other Gynaecological conditions discovered

Polypi	54	Infection	30
Prolapse	3	Tumour of Breast	1
Fibroid	7	Severe Retroversion	1

### Dental Services

A Dental Officer was appointed and worked for six months before being transferred to the School Dental Service and for the remainder of the year this service was covered by the Senior Dental Officer and this one School Dental Officer.

### Numbers provided with Dental Care

	Examined	Needing Treatment	Treated
Expectant and Nursing Mothers	7	7	7
Children under 5 .. ..	93	62	62



### Forms of Dental Treatment Provided

	Scalings & Gum Treat- ment	Fil- lings	Silver Nit- rate Treat- ment	Crowns and Inlays	Extrac- tions	General Anaes- thetics	Dentures Provided		Radio- graphs
							Full Upper or Lower	Partial Upper or Lower	
Expectant and Nursing Mothers	1	3	—	—	5	—	—	—	—
Children under 5	3	53	12	—	81	25	—	—	—

### Care of Premature Infants

All babies born weighing  $5\frac{1}{2}$  lb or less are defined as premature and all babies born in the district weighing less than  $4\frac{1}{2}$  lb are transferred to the Premature Baby Unit at Scarsdale Hospital.

No. of Premature Live Births notified:

(a) in hospital	..	..	..	..	..	61
(b) at home	..	..	..	..	..	12

No. of Premature **Still Births** notified:

(a) in hospital	..	..	..	..	..	7
(b) at home	..	..	..	..	..	—

Of the 61 premature babies who were born in hospital, 6 died within twenty-four hours of birth and 62 survived twenty-eight days.

Of the 12 premature babies born at home, 3 were transferred to hospital on or before the twenty-eighth day, one died within twenty-four hours, the remaining 6 survived twenty-eight days.

### Notification of Births

The following table shows the actual number of births notified in Chesterfield during the year 1972 and the number as adjusted by any notifications transferred in or out of the area-

	Live Births		Stillbirths		Totals	
	Total notified	Borough	Total notified	Borough	Actual	Adjusted
Domiciliary	198	195	—	—	198	195
Institutional	1,658	745	30	16	1,688	761

### Congenital Malformations

In accordance with Ministry of Health Circular 13/63 particulars of congenital malformations observable at birth are reported on the birth notification card. Particulars of the congenital malformations are then forwarded to the Registrar General at the end of each quarter.

During 1972 a total of 16 malformations were found in 15 children and these are listed below:

Anencephalus .. .. .	1
Spina bifida .. .. .	1
Hydrocephalus.. .. .	2
Cleft palate .. .. .	1
Specified malformations of heart and circulatory system .. .. .	1
Unspecified malformations of heart and circulatory system .. .. .	1
Hypospadias, epispadias .. .. .	1
Malformations of female vagina and external genitalia .. .. .	1
Talipes .. .. .	5
Congenital dislocation of hip .. .. .	1
Other specified malformations of leg or pelvis .. .. .	1

### Register of Potentially Handicapped Children

A register is kept in the department of children "at risk", i.e. who are potentially handicapped as a result of various conditions.

Some handicaps are obvious at birth, e.g., Talipes, cleft palate, etc., as listed in the previous paragraph. Other handicaps may become evident with the passage of time, e.g., deafness, mental subnormality. Children on the register are reviewed at regular intervals and the parents advised by medical officers and health visitors, regarding the management of their particular problems.

The register is proving of great value in ensuring that treatment is obtained and in particular, future special school placements can be planned.

These cases are transferred from the register to the school health service records when they reach the age of two.

Many of the low birth weight and prolonged or difficult labour cases prove to make satisfactory progress and are taken off the register at an early age.

## SECTION 23—MIDWIFERY

### Staff

The Midwifery Service in Chesterfield consists of a Supervisor and an establishment of nine midwives (eight in post) all approved teachers of pupil midwives. There were no staff changes during the year.

### Home Confinements

Home confinements have continued to decrease there being 198 compared with 243 in 1971.

### Early Discharges

Number of discharges from hospital before the tenth day of the puerperium was 590, 114 discharged during first two days, 403 three to seven days.

### Attachment to General Practitioners

All the midwives are attached to General Practitioner Surgeries for ante-natal purposes.

### Pupil Midwives

Ten pupil midwives completed training during the year and a further four pupils were out on the district at the end of the year.

Summary of the work carried out by midwives during the year:-

Home Confinements	..	..	..	..	..	198
Ante Natal Visits	..	..	..	..	..	5,208
Post Natal Visits	..	..	..	..	..	2,555
Transfers from hospital before 10th day	..	..				590
Visits to early discharges	..	..	..	..		2,558
No. of attendances at Ante Natal Clinics	..	..				631

### Mothercraft and Relaxation Classes

368 mothers made a total of 1788 attendances at parentcraft and relaxation classes.

### Family Planning

The Borough joined in the scheme with the Derbyshire County Council for the referring of cases to the Chesterfield and District Family Planning Association who hold clinics on premises provided by the Local Authority.

## SECTION 24—HEALTH VISITING

### Staff

There were no changes in staff during the year. One Health Visitor qualified as a field work instructor and three other members attended first line management courses.

### Attachment to General Practitioners

Further attachment schemes to General Practitioners were implemented.

### Hearing Assessment

All the Health Visiting staff carried out hearing assessment; these simple tests make it possible to find suspected hearing defects in babies and young children at an early age and any cases found are then referred for treatment or special schooling if required.

**The following is a summary of Health Visitor work during the year:**

Visits to children born in 1972 .. .. .	2,230
Visits to children born 1967 to 1971 .. .. .	4,835
Visits to persons aged 5 to 16 .. .. .	125
Visits to persons aged 17 to 64 .. .. .	625
Visits to persons aged 65 and over .. .. .	2,233
Visits to persons mentally handicapped .. .. .	13
Visits to persons mentally ill .. .. .	21
Visits to households on account of Tuberculosis ..	43
Visits to households on account of Infectious Disease	44
Visits for any other reason .. .. .	195
Health Education Sessions .. .. .	143
Case Conferences attended .. .. .	209

## SECTION 25—HOME NURSING

### Staff

During the year one nurse transferred to take up the appointment of student Health Visitor and a successor was appointed. Two nurses completed district training making a total of three now holding this certificate.

### Attachment to General Practitioners

Partial attachment schemes were carried out with a view to full attachment in 1973.

### Early Discharge from Hospital

More cases are being discharged from hospital at an early date and the following is a summary of work of the Home Nurses during the year.

	<i>Patients Home</i>	<i>G.P. Surgeries</i>	<i>Total</i>
No. of cases treated	1,505	528	2,033
No. of visits paid	30,668	586	31,254

## SECTION 26—VACCINATION AND IMMUNISATION

### B.C.G. Vaccination

This vaccination for protection against tuberculosis is offered to all persons of 13 years of age or over who are in full-time attendance at school.

The following table shows the numbers of tests and vaccinations carried out during 1972:—

#### *School Children Scheme*

No. skin tested	..	..	..	..	799
No. found positive	..	..	..	..	68
No. found negative	..	..	..	..	674
No. vaccinated	..	..	..	..	697

### Vaccination against Measles and Rubella

Measles vaccination is now combined in the programme of immunisation for all children and Rubella is offered to all girls between 11 and 14 years. This is to ensure that as many girls as possible can be protected against Rubella by vaccination before reaching child-bearing age because of the foetal abnormalities that are known to be associated with rubella infection in pregnancy.

The following tables show the number of children vaccinated during the year.

#### Vaccination against Measles and Rubella

	Year of Birth					Others under Age 16	Total
	1972	1971	1970	1969	1965-1968		
Measles .. ..	4	362	196	34	65	3	664
Rubella .. ..	—	—	—	—	—	122	122

#### Immunisation against Diphtheria, Whooping Cough, Tetanus and Vaccination against Poliomyelitis

Complete primary course during 1972 of persons under the age of 16 years.

	Year of Birth					Others under Age 16	Total
	1972	1971	1970	1969	1965-1968		
Diphtheria .. ..	4	672	132	21	18	4	851
Whooping Cough	4	671	132	20	15	—	842
Tetanus .. ..	4	672	133	21	19	9	858
Poliomyelitis ..	5	665	127	18	36	—	851

*immunisation cont'd:—*

Reinforcing doses during 1972 to persons under the age of 16 years.

	Year of Birth					Others under Age 16	Total
	1972	1971	1970	1969	1965- 1968		
Diphtheria .. ..	—	—	—	—	579	9	588
Whooping Cough	—	—	—	—	73	—	73
Tetanus .. ..	—	—	—	1	578	17	596
Poliomyelitis ..	—	—	—	3	599	16	618

Of the above total cases immunised the following were completed by Private Medical Practitioners.

	<i>Primary Courses</i>	<i>Reinforcing Doses</i>
Diphtheria .. ..	234	185
Whooping Cough ..	229	70
Tetanus .. ..	241	167
Poliomyelitis .. ..	249	177

## SECTION 28—PREVENTION OF ILLNESS

### CARE AND AFTER CARE

#### **Tuberculosis**

The Health Visitors continued to visit all new cases and make follow up visits to all cases at regular intervals giving advice and arranging with the Chest Clinic for appointments for contacts.

Any actual nursing of patients was carried out by the Home Nursing Staff.

#### **Care of Elderly**

Periodical visits are made to the elderly and recommendation for Meals on Wheels and in co-operation with the County Social Services Department the supply of Home Help Services and admission to old peoples homes.

Co-operation was maintained with various voluntary services and Hospital Almoners and Medical Social Workers in connection with admissions and discharges to and from Hospital.

#### **Supply of incontinence sheets**

The supply of incontinence sheets, pads and rolls was continued through the Home Nursing and Health Visiting Services and during the year over 18,600 pads were issued,

### Medical Loans

Loans of medical equipment, such as beds, wheelchairs, back rests, etc., were made through the Home Nursing and Administrative Services to patients requiring short term loans.

### Renal Dialysis

During the year a further 1 patient has been assisted with adaptation to their own homes making a total of 4 cases assisted and the department work in close co-operation with the Hospital Services in providing this form of treatment.

### Chiropody Service

During the year the service was continued with two Chiropodists working one session each per week together with domiciliary treatments.

#### Summary of work during the year:-

1. Persons aged 65 and over	..	..	..	..	458
2. Expectant Mothers	..	..	..	..	1
3. Others	..	..	..	..	7

#### Numbers of treatments given during the year:-

1. In Clinics	..	..	..	..	783
2. In patients' homes	..	..	..	..	174
					<hr/> 957

Number requiring transport	..	..	..	70
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### SECTION III

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## ENVIRONMENTAL HEALTH SERVICES

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## SANITARY CIRCUMSTANCES IN THE AREA

### Public Water Supply

Mr. C. H. Crombie, Engineer and Manager of the North Derbyshire Water Board has kindly given the following report in connection with the water supply to the Borough for the year 1972.

- A. 1. All sources are chlorinated and where necessary more comprehensive treatment is employed. Distribution is from covered reservoirs. The resultant quality of supplied water is satisfactory.
2. During 1972 the quantity proved adequate for normal household purposes and no restrictions were imposed on the use of hosepipes.

- B. Chemical and Bacteriological analyses are carried out in the Board's Laboratories. All raw, treated and distributed waters are examined at least monthly. The numbers of analyses carried out in the period under review being:

Bacteriological	755
Chemical	557

Chemical results in view of the number of sources involved vary considerably with location and the approximate extremes of variation are:

pH	7.5	—	9.0
Alkalinity (CaCO <sub>3</sub> )	10	—	200 mg/l
Hardness (CaCO <sub>3</sub> )	50	—	200 mg/l
Chloride (Cl)	10	—	35 mg/l
Fluoride (F)	0.1	—	0.7 mg/l

- C. The treated waters supplied to the area have given rise to no concern on the grounds of plumbo solvency and analyses of the supplies at source, in distribution, and after overnight standing in lead service pipes have yielded figures within the recently revised acceptable concentration for lead.

- D. 1. The number of houses connected during 1972 was 365.
2. 2,921 metres of main were laid for housing developments.

- E. Before being brought into service all newly laid mains were washed out, sterilized and samples examined to ensure satisfactory bacteriological and physical results were obtained. No action was necessary in respect of any other form of post treatment contamination.

The waters were examined for radioactive substances.

Monthly reports of current bacteriological and physical results were forwarded to the Medical Officer of Health.

### Private Water Supply

Two houses in a remote part of the Borough draw their supply from a shallow well. Samples taken from the well showed the water to be contaminated and the occupiers were advised to boil the water before using for domestic purposes and to consider installing a water chlorination unit.

### Pest Control—Rats and Mice

Infestation by rats or mice were found in 339 domestic business and local authority premises during the year and treatments were carried out.

The treatment of mouse infestations with warfarin bait has not been as successful as in previous years because of apparent resistance to this poison which has developed in the mouse population.

Traps and alpha-chlorolose narcotic have been used in attempts to overcome the problem.

The town centre sewer manholes have been baited during the year using fluorocetamide poison bait.

Inspections and treatment of local authority premises i.e. refuse incineration plant, refuse tip and sewage works have been carried out.

### Table of inspections and premises treated for rat and mouse infestation

	<i>Non- Agricultural</i>	<i>Agricultural</i>
1. Number of properties in District	29,769	36
2. (a) Total number of properties (including nearby premises) inspected following notifica- tion .. .. .	394	3
(b) Number infested by (i) Rats	204	—
(ii) Mice	94	—
3. (a) Total number of properties inspected for rats and/or mice for reasons other than noti- fication .. .. .	39	—
(b) Number infested by (i) Rats	37	—
(ii) Mice	1	—

### Insect and other pests

In February traps were placed on the roofs of Market Hall and other buildings in the Town Centre in an effort to reduce the number of pigeons. At the same time treatments were carried out at the Royal and Scarsdale Hospital buildings using narcotising bait to reduce the numbers of pigeons roosting on these buildings.

As a result of this campaign the pigeon population and the fouling of buildings and pavements by bird droppings was significantly reduced.

The amount of faeces and debris together with the host of parasitic mites, insects and beetles found in the roof spaces of buildings to which pigeons have access is considerable and its removal is an unpleasant and unenviable task.

The Department has given a free wasp nest destruction service to householders where the nests have been found in or around the fabric of houses and have been reasonably accessible. Fifty wasp nests have been dealt with during the year.

Advice has been asked for by householders on a range of insect pests found in dwellings. These have included fur beetles, fleas, bird mites, pharoahs ants etc. The assistance of the Insect Control Officer of the Ministry of Agriculture, Fisheries and Food in the accurate identification of the various species has been invaluable.

### Swimming Pools and Baths

There are three public baths and four swimming pools in Schools within the Borough.

All the pools have filtration and chlorination plant and regular visits were made during the year to check on the chlorine levels and suitability of the water for bathing.

Twenty-five samples of water were submitted to the Public Health Laboratory and all were found to be satisfactory.

### Sewerage and Sewage Disposal

The bio-aeration sewage works has a capacity for the full treatment of 11.4 million gallons of sewage per day or the partial treatment of 38 million gallons per day.

A new surface water sewer was laid to relieve flooding at Station Road, Whittington Moor.

	<i>No. of houses</i>	<i>Estimated population served</i>
No. of houses connected to sewers ..	25,260	69,874
No. of houses not connected to sewers ..	39	106
No. of connections made during the year:		
(a) existing houses .. .. .	—	
(b) new houses .. .. .	371	
(c) other premises .. .. .	not known	

### Pet Animals Act 1951

There were 5 persons licensed to keep pet shops in the Borough during the year. The premises were inspected by Public Health Inspectors and by Officers of the Derbyshire Fire Service and all were found to be satisfactory.

### **Rag Flock and Other Filling Materials Act 1951**

Two factories in the Borough are registered under the above Act, one manufacturing mattresses and the other upholstering new furniture. In both these factories only new filling material bearing the seal of the British Standards Institute for quality and purity are used.

### **Atmospheric Pollution**

The Council gave approval in principle to the implementation of a smoke control programme to cover the remaining areas of the Borough not subject to smoke control to be completed in 1980.

Two further smoke control orders were made by the Council during the year.

The first covering the Highfields and Highbury area was subsequently confirmed by the Secretary of State for the Environment and will become operative on the 1st September, 1973.

The second order covering approximately 132 acres of land to the West of Loundsley Green Road on which residential development is to take place was submitted for confirmation and the Secretary of States decision is awaited.

It is anticipated that the problem of dark smoke from the hospital incinerator referred to in the 1971 report will not recur following the hospital authorities decision to install a new incinerator capable of dealing with plastic waste.

The decision to install the particular incinerator was reached after consultation between the hospital engineers, manufacturers and Chief Public Health Inspector.

During the year complaints were received as to the fume emission arising from two electric arc furnaces at Sheepbridge. This matter was referred to H. M. District Alkali Inspector who after investigation required the Company concerned to install a fume cleaning plant. It is anticipated that the plant will be installed in 1973.

Three instances of alleged contraventions of Section 1 of the Clean Air Act 1968 were reported concerning dark smoke arising on industrial premises other than from chimneys. In all cases it was found that the smoke arose from the burning of old railway carriages prior to dismantling. Whilst prosecutions could not be taken the two firms involved were informed that legal action would follow any subsequent contraventions.

Ten notifications of intention to install new furnaces in industrial and commercial premises were received and the proposals as to chimney heights were determined after examination of the proposals by the Public Health Inspectors.

## BOROUGH OF CHESTERFIELD

### RECORDING OF ATMOSPHERIC POLLUTION BY DAILY VOLUMETRIC METHOD

Monthly Averages for Smoke Concentration and Sulphur Dioxide Concentration for the year ending 31st December, 1972

MONTH	Station No. 1—Town Hall						Station No. 2—Electricity Works						Station No. 3—Newbold Green School					
	Smoke			Sulphur Dioxide			Smoke			Sulphur Dioxide			Smoke			Sulphur Dioxide		
	H.V.	L.V.	A.V.	H.V.	L.V.	A.V.	H.V.	L.V.	A.V.	H.V.	L.V.	A.V.	H.V.	L.V.	A.V.	H.V.	L.V.	A.V.
January ..	118	25	52	266	76	125	166	7	60	353	57	124	79	3	36	161	43	86
February..	136	20	76	518	101	194	99	15	55	247	77	149	108	11	47	210	71	106
March ..	247	4	81	392	79	167	131	4	48	438	56	180	186	4	59	223	56	124
April ..	49	4	23	242	55	127	52	4	28	306	42	125	50	3	17	126	26	68
May ..	200	3	35	250	34	130	45	1	23	186	8	93	71	1	26	129	18	69
June ..	28	3	11	130	31	65	126	1	31	139	6	40	49	1	14	82	7	30
July ..	39	3	17	169	45	89	68	16	38	256	21	84	33	1	15	120	21	56
August ..	41	3	19	216	38	76	70	10	40	151	22	55	43	1	17	111	14	49
September	230	4	59	396	66	131	217	21	108	230	44	105	88	7	37	396	17	73
October ..	302	4	60	298	79	139	309	45	131	284	20	127	126	9	42	239	36	94
November	257	5	57	259	82	156	329	8	95	348	43	269	307	3	32	209	18	98
December	152	4	44	505	53	176	484	7	98	475	53	152	164	4	49	373	12	144

Interpretation: H.V.—Highest Value L.V.—Lowest Value A.V.—Average Value  
 Smoke measurement represents concentration of smoke particles in micrograms per cubic metre.  
 Sulphur Dioxide measurement represents concentration of SO<sub>2</sub> in micrograms per cubic metre.

### **Deposit of Poisonous Waste Act 1972**

The Chief Public Health Inspector was made responsible for the administration of the provisions of the Act which received Royal Assent on the 30th March, 1972.

The general object of the Act creates an offence of depositing poisonous and other dangerous waste and provides a machinery through the giving of notices, whereby relevant details of the movement of waste are submitted to the appropriate local and river authorities.

The attention of industrialists in the area was drawn to the provisions of the Deposit of Poisonous Waste (Notification of Removal or Deposit) Regulations 1972.

Eight notifications in respect of various chemicals were received during the year and all the material was deposited on sites or treatment plants outside the Borough.

It is interesting to recall that in February the Chief Public Health Inspector visited a private tip following a complaint of a smoke nuisance. He found dense black and orange coloured smoke issuing from material burning on the tip and advised the owner to call the Fire Service. The Fire Officer subsequently reported that he had found drums containing chemical waste at the heart of the fire and from labels on the drums thought this material to be phthalic anhydride.

Samples of the material in the drums and on the tip were submitted to the Public Analyst who reported that the drum contained crude naphthalene and the tip samples were found to be phthalic anhydride and small amounts of sulphides.

The owner of the tip was advised that it was unsuitable, because of its shallowness and proximity to a river, for the deposition of chemical waste and agreed to prohibit the tipping of such waste on the site.

The chemicals already deposited were excavated and transported to an approved site in Essex.

## PUBLIC HEALTH INSPECTION OF THE AREA

Table showing the visits and inspections carried out by the Public Health Inspectors during 1972

No. of complaints investigated	..	..	..	..	839
No. of nuisances found	..	..	..	..	576
No. of nuisances abated	..	..	..	..	413
Visits re infectious diseases	..	..	..	..	59
No. of Houses disinfected	..	..	..	..	4
No. of houses inspected (Public Health Act)	..	..	..	..	262
Visits paid to above houses	..	..	..	..	154
No. of houses inspected (Housing Act)	..	..	..	..	355
Visits paid to the above houses	..	..	..	..	425
Visits re overcrowding	..	..	..	..	2
Visits re houses in multiple occupation	..	..	..	..	9
Visits re filthy or verminous premises	..	..	..	..	75
Visits re drainage—Inspection of new work	..	..	..	..	1,037
Visits re drainage—Smoke and Water Tests	..	..	..	..	2,082
Interviews with Owners and Builders	..	..	..	..	900
Visits re Offices, Shops and Railway Premises	..	..	..	..	209
Visits re offensive trades	..	..	..	..	—
Abattoir inspection	..	..	..	..	278
Visits re prevention of Damage by Pests	..	..	..	..	329
Visits re Waste Food Order Boiling Plant	..	..	..	..	6
Visits re Caravan Sites	..	..	..	..	35
Visits re Factories—Mechanical Power	..	..	..	..	49
Visits re Factories—Non-mechanical Power	..	..	..	..	2
Visits re Smoke Control Areas	..	..	..	..	216
Industrial Smoke Observations	..	..	..	..	90
Visits re Measurement of Atmospheric Pollution	..	..	..	..	444
Visits re dairies and milk distributors	..	..	..	..	7
Visits re premises where food is prepared or sold	..	..	..	..	409
Inspection re market stalls	..	..	..	..	200
Inspection re mobile shops and food vehicles	..	..	..	..	39
Visits re Ice Cream shops and manufacturers	..	..	..	..	23
Visits re bakehouses	..	..	..	..	14
No. of food and drugs sampled	..	..	..	..	83
Visits re noise control..	..	..	..	..	357
Visits re swimming baths	..	..	..	..	18
Visits re animal boarding establishments	..	..	..	..	1
Visits re Pet Animals Act	..	..	..	..	—
Informal Notices served	..	..	..	..	411
Statutory Notices served	..	..	..	..	65
No. of re-visits..	..	..	..	..	913
No. of miscellaneous visits	..	..	..	..	1,568
Visits re riding establishments	..	..	..	..	—
Visits re Rag Flock Act	..	..	..	..	—
Visits re Qualification Certificates	..	..	..	..	340

**Total Record of Works carried out as a result of action taken by the  
Public Health Inspectors**

Obstruction Drains Cleansed	..	..	..	..	271
Drains reconstructed	..	..	..	..	12
Drains tested by smoke and water	..	..	..	..	7
Inspection chambers built or repaired	..	..	..	..	15
Gulley Traps fixed	..	..	..	..	3
Defects in drains repaired	..	..	..	..	22
Sink Wastes repaired	..	..	..	..	6
New sinks fixed, or defects remedied	..	..	..	..	6
Rain water pipes repaired	..	..	..	..	9
Rain water pipes disconnected	..	..	..	..	—
W.C. and vent pipes repaired	..	..	..	..	3
Eaves spouting repaired	..	..	..	..	45
Water Closets repaired	..	..	..	..	56
Water Closets provided	..	..	..	..	—
New Dustbins provided	..	..	..	..	2
Dirty Closets cleansed	..	..	..	..	5
Dirty Premises cleansed	..	..	..	..	5
Houses made reasonably fit	..	..	..	..	—
Water in cellars	..	..	..	..	—
Windows repaired	..	..	..	..	54
Damp proof courses inserted in walls	..	..	..	..	5
Roofs repaired	..	..	..	..	32
Floors repaired	..	..	..	..	33
Doors repaired	..	..	..	..	25
Plastering repaired	..	..	..	..	46
Damp Walls repaired	..	..	..	..	78
Defective Fireplaces, etc., repaired	..	..	..	..	25
Yards repaved	..	..	..	..	13
Yard and Footpath Surfaces repaired	..	..	..	..	14
Accumulation of Refuse removed	..	..	..	..	38
Nuisances from fowls and other animals abated	..	..	..	..	9
Miscellaneous Defects remedied	..	..	..	..	53
Factory Contraventions	..	..	..	..	—
Defective Water Supply	..	..	..	..	14
Ventilation provided or improved	..	..	..	..	2
Proper Food Store provided	..	..	..	..	—
Smoke Observations	..	..	..	..	4
Waste Water Closets converted into W.C's.	..	..	..	..	—
Rat infested premises cleared	..	..	..	..	11
Manure pits provided or repaired	..	..	..	..	—
Pail closet converted into water closet	..	..	..	..	—
Urinals repaired or provided	..	..	..	..	2
Caravans repaired	..	..	..	..	—
Overcrowding	..	..	..	..	—
Noise	..	..	..	..	5



Table of Nuisances discovered and dealt with

	No. of Notices Served		No. of Nuisances abated with or without Notice
	Informal	Legal	
<b>Drainage</b>			
No disconnection of waste pipe .. ..	2	—	3
Defective waste pipe, traps, inlet and drains	46	8	47
Drains obstructed .. .. .	210	5	271
<b>Closets and Ashpits</b>			
Defective privies, pail closets and ashpits	—	—	—
Conversion of pail closets into W.C's ..	—	—	—
Conversion of waste water Closets into W.C's .. .. .	—	—	—
Defective Water Closets .. .. .	61	14	55
Provision of Additional Water Closets ..	—	—	—
Provision of portable ashbins .. .. .	1	2	2
Dirty Closets .. .. .	5	—	5
<b>Other Defects</b>			
Paving of courts and yards .. .. .	19	6	27
Roofs, eaves-spouts and down spouts ..	80	23	73
Sinks .. .. .	7	1	6
Insufficient Ventilation .. .. .	2	—	2
Windows .. .. .	66	16	56
Dampness .. .. .	130	28	101
Water in Cellars .. .. .	—	—	—
Water Supply .. .. .	15	1	16
Overcrowding .. .. .	—	—	—
Foul condition of houses .. .. .	7	—	5
Offensive accumulations .. .. .	36	—	33
Animals improperly kept .. .. .	11	—	9
Pigsties .. .. .	1	1	—
Smoke Nuisances .. .. .	4	—	4
Urinals .. .. .	3	—	2
Nuisances not specified above .. .. .	216	18	174
<b>TOTALS .. .. .</b>	<b>922</b>	<b>123</b>	<b>891</b>

	No. on Register	Inspections made	Notices served	Nuisances abated with or without Notice
Bakehouses .. .. .	26	23	6	7
Slaughterhouses .. .. .	1	620	—	—
Offensive Trades .. .. .	8	—	—	—
Common Lodging Houses .. .. .	—	—	—	—
<b>TOTALS .. .. .</b>	<b>35</b>	<b>643</b>	<b>6</b>	<b>7</b>

### Premises and Occupations which can be controlled by Byelaws and Regulations

The following table shows the character and number of premises in the Borough:

Houses let in Lodgings .. .. .	—
Slaughterhouses .. .. .	1
*Tripe Boilers .. .. .	2
*Gut Scrapers .. .. .	1
*Tan Yards .. .. .	3
*Tallow Melters .. .. .	—
*Dealers in Rags and Bones .. .. .	2
Bakehouses .. .. .	26
Preserved Food Stores .. .. .	41
Fried Fish Shops .. .. .	36
Premises where Milk is produced or sold .. .. .	111
Factories of various kinds .. .. .	321

\*Offensive Trades

The following are the numbers of the various Sanitary Conveniences to Dwellinghouses in the Borough.

### Houses Using

<i>Water Closet</i>	<i>Waste Water Closets</i>	<i>Privies</i>	<i>Pails</i>	<i>Portable Dustbins</i>
25,260	60	6	15	25,351

**1—Factories**

The following table shows the number of Factories on the Register at the end of the year:

	Where Mechanical Power is used	Where Mechanical Power is not used
Building Trades, Woodworking, etc. ..	42	1
Potteries and Brickmaking .. .. .	4	—
Metal Breaking and Scrap Sorting .. .. .	5	—
Foundries .. .. .	7	—
Dressmaking, Tailoring and Millinery ..	12	2
Baking, Confectionery and Other Foods ..	24	1
Boot and Shoe Repairing .. .. .	2	—
Engineers .. .. .	28	—
Motor Vehicle Repairs .. .. .	53	1
Surgical Dressings and Box Making ..	5	—
Laundries .. .. .	7	—
Printing .. .. .	4	—
Various .. .. .	111	4
<b>TOTALS .. .. .</b>	<b>304</b>	<b>9</b>

**Prescribed Particulars on the Administration of the Factories Act  
1961**

**PART I OF THE ACT**

**1—INSPECTIONS for the purpose of provisions as to health (in-  
cluding inspections made by Public Health Inspectors)**

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities .. .. .	9	2	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .. .. .	304	49	6	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-worker's premises) ..	—	—	—	—
<b>TOTALS .. .. .</b>	<b>313</b>	<b>51</b>	<b>6</b>	<b>—</b>

## 2—Cases in which DEFECTS were found

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	Referred By H.M. Inspector (5)	
Want of cleanliness (S.1) ..	—	1	—	—	—
Overcrowding (S.2) ..	—	—	—	—	—
Unreasonable temperature (S.3) .. .. .	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6) .. .. .	—	—	—	—	—
Sanitary Conveniences (S.7):					
(a) Insufficient .. .. .	1	—	—	—	—
(b) Unsuitable or defective .. .. .	5	15	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork) ..	—	1	—	—	—
<b>TOTALS</b> .. .. .	<b>6</b>	<b>17</b>	<b>—</b>	<b>—</b>	<b>—</b>

## PART VIII OF THE ACT

## Outwork

## (Sections 133 and 134)

Nature of work (1)	Section 133			Section 134		
	No. of outworkers In August list required by Section 133 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Wearing apparel— Making	1	—	—	—	—	—

### OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The total number of premises in the Borough registered under the Act at the end of the year is 729 which is three less than at the end of 1971. Some 112 visits have been made to these premises by Public Health Inspectors and 99 informal notifications to remedy contraventions were issued.

Two Insurance Engineers reports on defective lifts or hoists in premises subject to the Act were received. Both were investigated and put into safe working order within the period of time allowed.

Forty-one accidents were reported and twenty were investigated by Public Health Inspectors.

Two accidents involving food slicing machines were reported. It was found that both machines were properly guarded and both operatives had been instructed in the correct use of the machines.

The majority of the accidents were not of a serious nature and Public Health Inspectors offered advice to the occupiers of premises where necessary in order to minimise the risk of repetition.

#### Incidence of Accidents by:

(a) <i>Age and Sex</i>	<i>Male</i>	<i>Female</i>
Young Persons .. .. .	3	1
Age 18—30 years .. .. .	2	3
Age 31—45 years .. .. .	4	9
Age 46—60 years .. .. .	1	15
Age 61—70 years .. .. .	1	2
Totals .. .. .	11	30
<hr/>		
(b) <i>By Class of Workplace</i>		
Offices .. .. .		15
Retail Shop .. .. .		13
Wholesale Department, etc. .. .. .		6
Canteens .. .. .		7
(c) <i>By Cause:</i>		
Falls on stairs .. .. .		9
Falls on level surfaces .. .. .		5
Lacerations by knives or glass .. .. .		3
Strains due to lifting .. .. .		5
Injury by falling objects .. .. .		7
By striking against objects .. .. .		6
By wheeled vehicles .. .. .		3
Injury by Food Slicing Machines .. .. .		2
Injury by Power Machines in motion .. .. .		—
Sepsis from handling infected material .. .. .		1

## Offices, Shops and Railway Premises Act, 1963

### Registration and General Inspections

Class of premises	No. of premises registered during the year	Total No. of registered premises at end of year	No. of registered premises receiving a general inspection during the year
Offices .. .. .	6	192	9
Retail shops .. .. .	5	433	77
Wholesale shops, warehouses .. .. .	3	37	9
Catering establishments open to the public, canteens .. .. .	4	63	17
Fuel Storage depots .. .. .	—	4	—
<b>TOTALS .. .. .</b>	<b>18</b>	<b>729</b>	<b>112</b>

### Persons Employed in Registered Premises

Class of workplace	No. of persons employed
Offices .. .. .	4,242
Retail shops .. .. .	2,707
Wholesale departments, warehouses .. .. .	462
Catering establishments open to the public .. .. .	546
Canteen .. .. .	57
Fuel storage depots .. .. .	24
<b>Total .. .. .</b>	<b>8,038</b>
<b>Total Males .. .. .</b>	<b>3,139</b>
<b>Total Females .. .. .</b>	<b>4,899</b>

### Contraventions

Contraventions	Number of Notices Sent	Number of Contraventions Found to be Discontinued
Dirty premises .. .. .	13	12
Inadequate means of heating .. .. .	—	1
Lack of Thermometer .. .. .	12	7
Inadequate ventilation .. .. .	3	2
Inadequate sitting facilities .. .. .	—	2
Lack of facilities for taking meals .. .. .	—	—
Dangerous floors, passages, stairs .. .. .	2	2
Insufficient or unsuitable sanitary conveniences	4	2
Insufficient or unsuitable washing facilities	5	4
Lack of first aid equipment .. .. .	12	7
Dangerous machinery .. .. .	5	4
Overcrowding .. .. .	1	1
Lack of accommodation for clothing .. .. .	—	—
Inadequate lighting .. .. .	—	—
Inadequate lighting of water closets .. .. .	4	2
Abstract not displayed .. .. .	18	10
Absence of handrail to stairs .. .. .	3	2
No Labelling of sanitary convenience .. .. .	1	1
No intervening ventilation to sanitary convenience .. .. .	—	—
Failure to register .. .. .	10	6
Dirty waterclosets .. .. .	6	6
<b>TOTALS .. .. .</b>	<b>99</b>	<b>71</b>

## INSPECTION AND SUPERVISION OF FOOD

### Food and Drugs Act, 1955

#### Milk Supply

##### Milk and Dairies (General) Regulations, 1959

No. of persons registered as distributors .. .. .	119
No. of premises registered as Dairies .. .. .	2

##### Milk (Special Designation) Regulations, 1963

Dealers licensed to sell Untreated Milk .. .. .	4
"    "    "    "    Pasteurised Milk .. .. .	111
"    "    "    "    Homogenised Milk .. .. .	—
"    "    "    "    Sterilised Milk .. .. .	49
"    "    "    "    Ultra Heat Treated Milk .. .. .	18
No. of visits to Dairies and Milk Dealers .. .. .	26

All but a small percentage of the milk sold in the Borough is heat treated and is supplied from dairies in Yorkshire and Staffordshire in bottles or cartons to two cold stores in the town.

There are five producer/retailers of untreated milk within the Borough.

Samples of milk have been taken during the year as shown on the following table, and all were found to be satisfactory.

				<i>Samples</i>		
				<i>Tested</i>	<i>Passed</i>	<i>Failed</i>
Pasteurised Homogenised						
Milk	..	..	..	4	4	—
Pasteurised Milk	..	..	..	9	9	—
Sterilised Milk	..	..	..	9	9	—
Untreated Milk	..	..	..	2	2	—
Ultra Heat-Treated Milk			..	—	—	—
				—	—	—
Totals	..	..	..	24	24	—
				—	—	—

### **Meat Inspection**

The number of animals slaughtered at the Corporation Abattoir during the year was 53,114. All the carcasses and offal were inspected by the resident Meat Inspector and Public Health Inspectors.

No tuberculosis was found in any bovine animal but two pig carcasses were found to be affected with generalised tuberculosis and were condemned.

Two beef carcasses were found to be affected with *Cysticercus bovis*, the cystic stage of the human tapeworm, and the carcasses were retained in the cold stores for three weeks before being passed as fit for consumption.

A total of 118 animal carcasses were condemned as being unfit for human consumption, details of which are shown in the table of diseases.

### **Summary of Meat Inspections, 1972**

Carcases Inspected	Beasts	Calves	Sheep	Pigs
At the Abattoir	6,723	13	12,547	33,831
Total number of animals killed	..	..	..	53,114
Number inspected	..	..	..	53,114

### **Food Surrendered during Inspection**

At the Abattoir

						Tons	Cwts.	Qrs.	lbs.
Beef	..	..	..	..	..	—	17	2	12
Veal	..	..	..	..	..	—	—	—	26
Mutton	..	..	..	..	..	—	8	2	15
Pork	..	..	..	..	..	10	1	3	6
Offals	..	..	..	..	..	21	7	1	13
						32	15	2	16



Table of Diseases

	Cows	Heifers and Steers	Sheep	Pigs	Calves
Pathogenic Emaciation ..	—	—	3	4	—
Polyarthrititis and Emaciation ..	—	—	11	10	—
Septic Peritonitis .. ..	—	—	—	9	—
Pyæmia .. .. .	—	—	1	34	—
Icterus .. .. .	—	—	—	4	—
Septic Pneumonia .. ..	—	—	—	21	1
Septic Metritis .. ..	—	—	—	2	—
Fevered Carcases .. ..	—	—	—	1	—
Severe Bruising .. ..	2	—	—	2	—
Umbilical Pyæmia .. ..	—	—	—	—	—
Swine Erysipelas .. ..	—	—	—	3	—
Moribund .. .. .	—	1	—	1	—
Dead in Lairage .. ..	—	—	—	4	—
<b>TOTALS ..</b>	<b>2</b>	<b>1</b>	<b>15</b>	<b>95</b>	<b>1</b>

### Inspection of Other Foods

Over two and a half tons of various foods were found to be unfit by the Public Health Inspectors during inspection of food at warehouses, food factories and retail shops.

Nearly two tons of this food was frozen food which had thawed during breakdown of mechanical refrigeration plants which occurred at weekends and holiday periods.

The unfit food was surrendered and destroyed at the Corporation's incinerator.

### Surrendered by Traders

	<i>Tons</i>	<i>Cwts.</i>	<i>Qrs.</i>	<i>lbs.</i>
Canned Meat .. .. .	—	2	3	2
Canned Foods .. .. .	—	2	—	13
Fish .. .. .	—	—	—	20
Fruit .. .. .	—	—	—	22
Frozen Food .. .. .	1	19	3	14
Vegetables .. .. .	—	3	3	22
Miscellaneous .. .. .	—	2	1	25
	<b>2</b>	<b>11</b>	<b>—</b>	<b>22</b>

**Meat Inspection, 1972, Carcasses Inspected and Condemned**

	Cattle, excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	6,645	78	13	12,547	33,831
Number inspected	6,645	78	13	12,547	33,831
<b>All Diseases except Tuberculosis:</b>					
Whole Carcasses condemned	2	2	1	15	92
Carcasses of which some part or organ was condemned	1,247	43	1	182	4,256
Percentage of the number inspected affected with disease other than Tuberculosis	18.80	57.69	15.38	1.57	12.85
<b>Tuberculosis only:</b>					
Whole Carcasses condemned	—	—	—	—	2
Carcasses of which some part or organ was condemned	—	—	—	—	387
Percentage of the number inspected affected with Tuberculosis	0.00	.000	0.00	0.00	1.15
<b>Cystercosis:</b>					
Carcasses of which some part or organ was condemned	2	—	—	—	—
Carcasses submitted to treatment by refrigeration	2	—	—	—	—
Generalised and totally condemned	—	—	—	—	—
Percentage of the number inspected affected with Cystercosis	0.03	—	—	—	—

### Food and Drugs Sampling

A total of 196 samples of food and drugs were submitted to the Public Analyst for analysis.

The nine informal samples found not genuine or below standard were taken up with the manufacturers or retailers and no legal proceedings were instituted.

Samples of lard and milk were taken to ascertain pesticide residues in food as part of the National Survey of Pesticides in Foodstuffs. Both these samples were found to be free from significant amounts of pesticides residues.

### The Liquid Egg Pasteurisation Regulations 1963

There are no egg pasteurising plants in the Borough. No users of liquid egg were found in food manufacturing premises.

### Ice Cream

Four premises in the Borough are registered for the manufacture of Ice Cream. Three of the manufacturers use the heat treatment process and the fourth uses complete cold mix.

Fourteen samples of ice cream were submitted for bacteriological examination.

Four were reported as unsatisfactory and in appropriate cases the manufacturers premises were visited and the plant and cleansing methods examined.

No. of samples	Reduction of Methylene Blue Time	Grade	Observation
8	4 hours and over	1	Very satisfactory
2	2½ to 4 hours	2	Satisfactory
3	1 to 2 hours	3	Unsatisfactory
1	0 to ½ hour	4	Unsatisfactory

### Food Hygiene

The number of inspections and visits to food preparation premises, retail shops, mobile food shops and market stalls made by Public Health Inspectors was 685 which is lower than usual.

Local Government re-organisation work and staff sickness curtailed food hygiene work.

Talks on food hygiene were given to groups of housewives, food handlers and nurses as part of their community care studies.

In the main, general compliance with the Food Regulations was found

The number and nature of the cases of non compliance which were found and remedied are as shown in the following tables.

Nature of Food Samples Taken	Total	Formal	In-formal	Number Genuine	Number not Genuine or below Standard
Milk .. .. .	3	—	3	3	—
Canned Milk .. ..	1	—	1	1	—
Milk Desserts .. ..	3	—	3	3	—
Cream .. .. .	3	—	3	3	—
Butter .. .. .	2	—	2	2	—
Margarine .. .. .	4	—	4	3	1
Cake Mix .. .. .	3	—	3	3	—
Ice Cream .. .. .	3	—	3	3	—
Baking Yeast .. ..	1	—	1	1	—
Corn Flour .. .. .	1	—	1	1	—
Suet .. .. .	1	—	1	1	—
Brawn .. .. .	1	—	1	1	—
Pork Sausages .. ..	4	—	4	3	1
Dried Soups .. .. .	2	—	2	2	—
Potted Meat & Meat Paste	8	—	8	6	2
Canned Meat .. ..	11	—	11	10	1
Meat Pies and Sausage Rolls	12	—	12	11	1
Bacon .. .. .	3	—	3	2	1
Curry .. .. .	2	—	2	2	—
Curry Powder .. ..	1	—	1	1	—
Fish Paste .. .. .	4	—	4	4	—
Fish Cakes .. .. .	1	—	1	1	—
Cheese and Cheese Spread ..	3	—	3	2	1
Canned Fruit .. ..	6	—	6	6	—
Dried Fruit .. .. .	5	—	5	5	—
Mixed Peppers .. ..	1	—	1	1	—
Deydrated Vegetables .. ..	5	—	5	5	—
Canned Soups .. ..	1	—	1	1	—
Jams & Marmalade .. ..	12	—	12	12	—
Lemon Curd .. .. .	2	—	2	2	—
Sandwich Spread .....	1	—	1	1	—
Mincemeat .. .. .	2	—	2	2	—
Jellies .. .. .	3	—	3	3	—
Soft Drinks .. .. .	6	—	6	5	1
Christmas Pudding .. ..	1	—	1	1	—
Tea .. .. .	1	—	1	1	—
Coffee & Coffee essence .. ..	5	—	5	5	—
Pickles & Sauces .. ..	5	—	5	5	—
Salid Cream .. .. .	3	—	3	3	—
Ground White Pepper .. ..	1	—	1	1	—
Confectionery .. ..	5	—	5	5	—
Bread .. .. .	2	—	2	2	—
Lard and Cooking Fat .. ..	6	—	6	6	—
Flour .. .. .	5	—	5	5	—
Garden Peas .. .. .	3	—	3	3	—
Food Colouring .. ..	1	—	1	1	—
Black Pudding .. ..	1	—	1	1	—
Chocolate Pudding .. ..	1	—	1	1	—
Yogurt .. .. .	1	—	1	1	—
Beef Sausage .. .. .	5	—	5	4	1
Shrimp in Brine .. ..	1	—	1	1	—
Milk Puddings .. ..	1	—	1	1	—
Honey .. .. .	1	—	1	1	—

Nature of Food Samples Taken	Total	Formal	In-formal	Number Genuine	Number not Genuine or below Standard
Glacé Cherries .. ..	2	—	2	2	—
Baked Beans .. ..	2	—	2	2	—
Fruit Cake .. ..	1	—	1	1	—
Syrup of Figs .. ..	1	—	1	1	—
Spearmint .. ..	1	—	1	1	—
Cream of Tartar .. ..	1	—	1	1	—
Rose Hip Syrup .. ..	2	—	2	2	—
Artificial Sweetener .. ..	1	—	1	1	—
Groud Almonds .. ..	1	—	1	1	—
Marzipan .. ..	1	—	1	1	—
Vinegar .. ..	6	—	6	6	—
Bicarbonate of Soda .. ..	2	—	2	2	—
Cough Mixture .. ..	1	—	1	1	—
Nutmeg .. ..	1	—	1	1	—
Aspirins .. ..	2	—	2	2	—
Paracetamol .. ..	1	—	1	1	—
Glaubers Salts .. ..	1	—	1	1	—
<b>TOTALS ..</b>	<b>197</b>	<b>—</b>	<b>197</b>	<b>187</b>	<b>10</b>

### Food Hygiene (General) Regulations, 1960

Contraventions	Number of Notices Sent	Number of Contraventions Found to be Discontinued
Inadequate or unsuitable wash-hand basins	3	3
Inadequate or unsuitable sinks .. ..	3	1
Dirty premises .. ..	36	36
Defective walls, floors, ceilings, doors and windows .. ..	18	10
Defective or dirty water closets and urinals ..	5	5
Lack of hot water supply .. ..	5	3
Lack of accommodation for clothing .. ..	4	3
Accumulation of refuse .. ..	6	5
Defective or dirty equipment .. ..	11	11
Absence of lighting of waterclosets .. ..	3	1
Inadequate ventilation .. ..	2	—
Defective or inadequate refuse bins .. ..	6	4
Absence of soap, towels, nailbrushes .. ..	6	4
Wash-hand notices not exhibited .. ..	5	5
Food not protected from contamination .. ..	8	5
Other Contraventions .. ..	4	2
Personal Cleanliness .. ..	2	2
First Aid Equipment .. ..	6	4

### Food Hygiene (Market Stalls and Delivery Vehicles) Regulations, 1966

Contraventions	Notices Sent	Contraventions Discontinued
Unsatisfactory vehicle or stall .. ..	—	—
Dirty or defective equipment .. ..	2	1
Risk of contamination .. ..	—	—
Personal Cleanliness .. ..	—	—
No., Name and Address on Vehicle ..	4	2
Lack of water supply .. ..	7	4
Lack of wash basin .. ..	3	—
First Aid Equipment .. ..	4	2
Equipment washing facilities .. ..	2	1
Inadequate lighting .. ..	2	—
Refuse receptacles .. ..	4	—
Other contraventions .. ..	3	3
Lack of soap, towels, etc. .. ..	—	—

The following table shows the number and type of food premises in the Borough:

Premises registered for preserved foods .. ..	34
Grocers and provision merchants .. ..	209
Greengrocers .. ..	14
Confectioners .. ..	45
Butchers .. ..	86
Fishmongers .. ..	7
Fried Fish Shops .. ..	26
Bakers .. ..	26
Multiple Stores .. ..	12
Restaurants and Snack Bars .. ..	34
Public Houses .. ..	111
Canteens .. ..	28

Advice on food handling has been given to workers at their places of employment and to various Women's organisations in the Borough.

#### Foreign Matter in Food

The concern of housewives as to the condition and quality of food which she buys is reflected in the high number of food complaints and inquiries made in the year.

Some fifty six complaints were reported and investigated. The foreign matter included part of a cigarette in a can of imported fruit, nine cases of mould growth on food and a nail in a fruit pudding.

Prosecutions in respect of the sale of non brewed condiment vinegar found to contain turpentine and the sale of a bottle of milk found to contain slugs resulted in fines of £25 and £20 respectively being imposed by the Magistrates.

### **Imported Food Regulations**

Notification was received from a port health authority in respect of the consignment to Chesterfield of a sealed unexamined container holding 1,000 cases of frozen rabbits from a foreign country.

After examination the rabbits were found to be fit and taken into cold store.

### **Food Poisoning**

No food poisoning cases were notified or ascertained during the year.

Three cases of salmonellosis were reported. One case involved a child visiting this country on holiday who had become ill whilst travelling and two others, none of which were found to be food borne.

### **Slaughter of Animals Act 1958**

Licences were issued to 14 slaughtermen under the above Act during the year. Twelve of the slaughtermen are employed at the Corporation Abattoir.

### **Animal Boarding Establishments**

The only licensed Animal Boarding Establishment in the Borough is owned and controlled by the R.S.P.C.A. The Kennels are of good design and are well maintained.

### **Noise Abatement Act, 1960**

During the year thirty one complaints were received in respect of seven cases of noise nuisance.

One source of noise nuisance was a Social Club and the remainder were industrial premises.

Action by Public Health Inspectors resulted in the abatement of the noise nuisances.

In one case where a dust collector at an engineering works was found to be the cause of a noise nuisance, it was found necessary to serve a statutory notice under the Public Health (Recurring Nuisances) Act.

### **Caravan Sites and Control of Development Act, 1960**

There are seven licensed caravan sites in the Borough. Six of these contain 91 caravans and one is in respect of an individual van.

Inspections have been carried out to ensure that the conditions of the licences have been observed.

## Housing

Notwithstanding the difficulties brought about by the local government re-organisation and staff sickness, considerable work was done in dealing with unfit housing and the improvement of private dwellings.

In addition, house condition surveys were carried out in order to determine the number of unfit houses likely to require clearance by 1980 and to assist the County Planning Officer in preparing the structure plan in respect of housing.

A total of 371 new dwellings have been completed in the Borough during the year, 129 being built by the Corporation and 242 by private builders.

Sixteen clearance areas containing 151 dwellings were represented as unfit. Four demolition orders and four closing orders were made in respect of individually unfit houses.

A total of 164 houses were improved with the aid of Standard Grants at a total cost of £27,337 and 184 houses were improved with the aid of Improvement Grants totalling £30,655.

The additional amenities provided were as follows:

Fixed baths or showers .. .. .	146
Hot water supplies .. .. .	165
Washbasins .. .. .	160
Sinks .. .. .	80
Internal waterclosets .. .. .	179

The following tables show the number of new houses built in the several areas of the Borough and details of the progress of the slum clearance programme and other work connected with housing during the year.

	Built by the Corporation	Built by Private Enterprise	Total
Dunston .. .. .	—	5	5
Newbold .. .. .	—	25	25
West .. .. .	—	25	25
Rother .. .. .	—	48	48
St. Leonard's .. .. .	—	16	16
New Whittington .. .. .	16	6	22
Old Whittington .. .. .	35	18	53
Moor .. .. .	78	1	79
St. Helen's .. .. .	—	18	18
Central .. .. .	—	1	1
Holmebrook .. .. .	—	—	—
Hasland .. .. .	—	79	79
<b>TOTALS .. .. .</b>	<b>129</b>	<b>242</b>	<b>371</b>



The following is a tabulated statement of work done in regard to Housing in 1972.

1.	Total number of dwellinghouses inspected for housing defects (under the Public Health or Housing Acts) ..	677
2.	Number of inspections made for the purpose ..	1,462
3.	Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation:	
	(a) In clearance areas .. .. .	150
	(b) Individual unfit houses .. .. .	8
4.	Number of dwellinghouses demolished:	
	(a) In pursuance of confirmed clearance orders ..	101
	(b) Individual unfit houses in pursuance of demolition orders .. .. .	7
5.	Number of unfit houses closed .. .. .	3
6.	Number of dwellinghouses (exclusive of those referred to in paragraph 3) found not to be in all respects reasonably fit for human habitation .. .. .	225
7.	Number of defective dwellinghouses rendered fit as a consequence of informal action by the local authority or its officers .. .. .	132
8.	Number of dwellinghouses in which defects were remedied after service of formal notices:	
	(a) Under Housing Act .. .. .	—
	(b) Under Public Health Acts .. .. .	23
	(c) By local authority in default of owner .. .. .	10

**Summary of Slum Clearance Programme up to 31st December, 1972**

Form of Action Taken	No. of Houses Officially Represented	Undertakings Accepted		No. of Persons to be Displaced	No. of Houses De-mobilised	No. of Persons rehoused by Local Authority	No. of Persons who found their own accommodation	No. of Houses provided by Local Authority	No. of Houses upon which action is not completed	No. of Families not yet rehoused
		To Re-condition	To convert to other use							
225 Clearance Areas	—	—	—	6,916	2,032	5,834	275	1,853	261	166
Individual Houses	—	38	53	2,468	650	2,255	103	632	18	4
<b>TOTALS</b>	—	38	53	9,384	2,682	8,089	378	2,485	279	170

In addition 21 houses adjoining Clearance Areas have been purchased and demolished as part of a redevelopment area.



MEMORANDUM FOR THE BOARD OF SUPERVISORS

DATE: 1972

SECTION IV

The Board of Supervisors

Chairman: J. Paul Anderson

(County)

Deputy Chairman: W. E. Ball

(County)

Members: M. W. Anderson

D. J. Hilling

C. Call

H. W. Call

J. Anderson

C. E. Jr.

T. Bucknell

M. A. Jr.

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**SCHOOL  
HEALTH SERVICE**

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Chairman: J. K. Bailey

Deputy Chairman: P. C. Venter

Members:

Mr. E. G. Price, M.A.

Mr. H. Wilson

Mr. N. ...

Mr. W. ...

Mr. R. Nightmore

Mr. D. ...

Mr. E. Taylor

Deputy Chairman:

Mr. J. ...

Mr. M. ...

Part-time Physicians, Frank Marshall and Eugene Cook

Mr. J. M. ...

STAFF OF THE CHILDREN'S CENTER

Consulting Psychiatrist: A. A. ...

Education Psychologist: J. A. ...

Director: ...

Social Worker: ...

Chief ...

...

**BOROUGH EDUCATION COMMITTEE**  
**1972-73**

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The Mayor (Councillor J. Ford)

Councillor J. Ford  
(*Chairman*)

Councillor W. E. Ball  
(*Vice-Chairman*)

Alderman J. Anderson	Councillor Mrs. M. W. Anderson
C.B.E., J.P.	,, D. J. Billinge
,, T. Bucknall,	,, C. Cahill
M.B.E., J.P.	,, R. W. Catt
,, Mrs. A. Collishaw	,, F. J. Holland
,, H. C. Day, F.C.A., M.B.E.	,, Mrs. C. Sargeant
,, J. L. Hadfield	,, D. M. Treece
,, P. Revill	,, D. A. Wain
,, E. B. Robinson	,, A. Webber

*County Council Representatives:*

Alderman Mrs. J. K. Bailey	Councillor P. C. Vaughan
,, R. D. Beardsley	,, Jennings

*Co-optative Members:*

Mr. R. Brightmore	Mr. E. G. Price, M.A.
Mr. D. Mason	Mr. H. Wilkins
Mr. E. Taylor	

**STAFF OF THE SCHOOL HEALTH SERVICE****(at 31st December, 1972)***Borough School Medical Officer*

H. Bailey, M.B., Ch.B., M.F.C.M., D.P.H.

*School Medical Officers*

Joan B. M. Leith, M.B., Ch.B., B.A.O.

Thomas A. Hunt, M.B., Ch.B. M.Sc. (part-time)

*School Dental Officers*

C. C. Grant, L.D.S., R.C.S. Edin.

Mrs. H. E. Hammond, B. Ch.D.

*Speech Therapist*

Mrs. J. H. Stephens, L.C.S.T.

*School Nurses and Health Visitors*

Miss M. M. Hattley (Senior)

Mrs. E. K. Greenfield

Miss K. M. Thorpe

Miss A. Boylan

Mrs. H. Mellard

Miss M. Norman

Miss M. J. Roddis

Miss H. Ffoulkes

Miss M. R. Eades

## One Vancancy

*Clinic Nurse*

Mrs. E. M. Franklin

*Clerical Staff*

Miss N. Gill (Senior Clerk)

Miss K. Wilde

Mrs. A. Wilkins

Miss C. Goodwin

Miss J. Sharpe

*Dental Surgery Assistants*

Miss E. Sheard

Mrs. M. Lydon

*Part-time Physiotherapist, Frank Merifield and Ashgate Croft*

Mrs. J. M. Sampson, M.C.S.P.

**STAFF OF THE CHILDREN'S CENTRE***Consultant Psychiatrist:* R. A. Bugler, M.B., B.S., D.P.M., M.R.C.Psych*Educational Psychologist:* J.A. Cowell, B.Sc., M.A., A.B.Ps.S.*Assistant Educational Psychologist:* Mrs. J. Perdue, B.A.*Social Worker:* Mrs. P. Yarwood, B.Sc.*Clerks:* Mrs. I. Lilley

Mrs. J. Woods

**REPORT OF THE  
BOROUGH SCHOOL MEDICAL OFFICER, 1972  
(CHESTERFIELD EXCEPTED DISTRICT)**

The Borough was still without a whole time Deputy School Medical Officer and this resulted in a slight drop in the number of routine medical examinations but 3,721 examinations were made and 635 pupils were found to require treatment.

Of the 25,434 examinations of pupils for infestation 152 needed treatment, this being a drop of 29 on the previous year and it is pleasing to report a drop in the number of children treated for scabies.

As in the previous years, the School Health Clerks continued to do audiometric screening of entrants, reporting all defects to the School Medical Officer who followed up with advice according to nature of the condition.

The Children's Centre at Brambling House continued to provide for the emotionally disturbed child.

With the appointment of a full-time Speech Therapist this service was increased for the last quarter of the year, 103 children receiving treatment.

One Dental Officer resigned but another was appointed and with this the high level standard of this service was able to be maintained and the usual good work in Dental Health Education was carried on.

A considerable amount of time was spent at the Ashgate Croft School and Special Care Unit and although it was very difficult owing to the shortage of medical staff this part of the service was well maintained.

**Follow-up**

The following is a summary of the work of the School Nurses in connection with the following up during the year 1972.

## 1. Visits to Schools:

(a) For infectious disease .. .. .	7
(b) Other visits .. .. .	60
(c) For hygiene surveys .. .. .	184
	<hr/>
	251
	<hr/>

## 2. Visits to Homes of School Children:

(a) Cases of infestation .. .. .	17
(b) Scabies .. .. .	35
(c) Ringworm .. .. .	3
(d) Eye defects .. .. .	28
(e) Other medical defects .. .. .	67
(f) Other visits and re-visits .. .. .	9
	<hr/>
	159
	<hr/>

**Medical Treatment**

During the year, 547 children were seen at the Medical Officers' Consultation Clinics, making 698 attendances.

**OPHTHALMIC CLINIC**

Number of attendances (old and new) .. .. .	827
„ of new cases .. .. .	179
„ of prescriptions given for glasses .. .. .	384
„ who required no glasses .. .. .	46
„ referred to hospital (Orthoptic Clinic) .. .. .	80
„ of cases in which treatment was not completed .. .. .	8



### Brambling House Child Guidance Centre

The following is a statistical summary of the work of the Child Guidance Centre during the year under review.

	<i>Chester- field</i>	<i>County</i>	<i>Other Authori- ties</i>	<i>Total</i>
Cases referred in 1972 ..	45	60	—	105
Cases re-referred in 1972 ..	5	6	—	11
Waiting list from 1971 ..	5	11	—	16
<b>TOTALS</b> .. ..	<b>55</b>	<b>77</b>	<b>—</b>	<b>132</b>

	<i>Chester- field</i>	<i>County</i>	<i>Other Authori- ties</i>	<i>Total</i>
Magistrates' Cases. Reports only .. ..	1	—	—	1
Uneventuated .. ..	1	2	—	3
One interview only .. ..	1	6	—	7
Advice only .. ..	2	4	—	6
To Special Schools .. ..	—	10	—	10
For testing only .. ..	—	—	—	—
Admitted for supervision ..	—	1	—	1
Admitted for treatment ..	36	45	—	81
Admitted for residential treatment .. ..	11	5	—	16
Admitted to Children's Home In abeyance .. ..	—	—	—	—
Waiting list for 1973 .. ..	4	4	1	9
<b>TOTALS</b> .. ..	<b>56</b>	<b>77</b>	<b>1</b>	<b>134</b>

Cases still on books at the end of 1971 .. ..	112	91	—	203
Cases admitted during 1972 ..	52	68	—	120
<b>TOTALS</b> .. ..	<b>164</b>	<b>159</b>	<b>—</b>	<b>323</b>

Cases discharged during 1972 ..	54	67	—	121
Cases carried forward to 1973 ..	110	92	—	202

Total No. of interviews with patients, 1972 .. ..	265	246	—	511
Total No. of interviews with parents, 1972 .. ..	196	251	—	447

## DEPARTMENT OF EDUCATION AND SCIENCE

**Medical Inspection and Treatment: Return for the year ended 31st  
December, 1972**

Number of pupils on registers of maintained primary and secondary schools (including nursery and special schools) in January, 1973 .. .. . 13,605

**Part 1—Medical inspection of pupils attending maintained Primary  
and Secondary Schools (including Nursery and Special Schools)**

TABLE A—PERIODIC MEDICAL INSPECTIONS

Age groups inspected (by year of birth)	No. of Pupils who have received a full medical examination	Physical condition of pupils inspected		No. of Pupils found not to warrant a medical examination	Pupils found to require treatment (excluding dental diseases and infestation with vermin)		
		Satisfactory	Unsatisfactory		For defective vision (excluding squint)	For any other condition recorded at Part 11	Total Individual Pupils
		No.	No.				
1	2	3	4	5	6	7	8
1968 and later ..	175	175	—	—	5	19	21
1967 ..	598	598	—	—	19	96	104
1966 ..	341	341	—	—	13	54	63
1965 ..	77	77	—	—	1	6	7
1964 ..	39	39	—	—	6	13	16
1963 ..	32	32	—	—	4	11	14
1962 ..	29	29	—	—	1	11	12
1961 ..	745	745	—	—	39	98	135
1960 ..	483	483	—	—	29	62	87
1959 ..	76	76	—	—	5	11	16
1958 ..	555	555	—	—	29	47	73
1957 and earlier	571	571	—	—	32	59	87
<b>TOTALS</b>	<b>3,721</b>	<b>3,721</b>	<b>—</b>	<b>—</b>	<b>183</b>	<b>487</b>	<b>635</b>

Column 3 total as a percentage of Column 2 total .. 100%  
Column 4 total as a percentage of Column 2 total .. —%

TABLE B—OTHER INSPECTIONS

Number of special inspections .. .. .	724
Number of re-inspections .. .. .	2,686
<b>TOTAL .. .. .</b>	<b>3,410</b>

TABLE C—INFESTATION WITH VERMIN

(a) Total number of individual examinations of pupils in schools by school nurses or other authorised persons	25,434
(b) Total number of individual pupils found to be infested	152
(c) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944) .. .. .	—
(d) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944) .. .. .	—

**Part III—Treatment of pupils attending maintained primary and secondary schools (including nursery and special schools)**

TABLE A

**EYE DISEASES, DEFECTIVE VISION AND SQUINT**

	Number of cases known to have been dealt with
External and other, excluding errors of refraction and squint .. .. .	8
Errors of refraction (including squint) .. .. .	759
<b>Total .. .. .</b>	<b>767</b>
Number of pupils for whom spectacles were prescribed	461

TABLE B

**DISEASES AND DEFECTS OF EAR, NOSE AND THROAT**

	Number of cases known to have been dealt with
Received operative treatment—	
(a) for diseases of the ear .. .. .	25
(b) for adenoids and chronic tonsillitis .. .. .	99
(c) for other nose and throat conditions .. .. .	37
Received other forms of treatment .. .. .	39
<b>Total .. .. .</b>	<b>200</b>
Total number of pupils in schools who are known to have been provided with hearing aids—	
(a) in 1972 .. .. .	6
(b) in previous years .. .. .	32

TABLE C—ORTHOPAEDIC AND POSTURAL DEFECTS

	Number known to have been treated
(a) Pupils treated at clinics or out-patients departments .. .. .	33
(b) Pupils treated at school for postural defects ..	8
<b>Total .. .. .</b>	<b>41</b>

TABLE D—DISEASES OF THE SKIN

(excluding uncleanliness, for which see Table C of Part I)

	Number of pupils known to have been treated
Ringworm—(a) Scalp .. .. .	—
(b) body .. .. .	1
Scabies .. .. .	31
Impetigo .. .. .	22
Other skin diseases .. .. .	254
<b>Total .. .. .</b>	<b>308</b>

TABLE E—CHILD GUIDANCE TREATMENT

	Number known to have been treated
Pupils treated at Child Guidance Clinics .. .. .	164

TABLE F—SPEECH THERAPY

	Number known to have been treated
Pupils treated by speech therapist .. .. .	103

TABLE G—OTHER TREATMENT GIVEN

	Number known to have been treated
(a) Pupils with minor ailments .. .. .	31
(b) Pupils who received convalescent treatment under School Health Service arrangements .. .. .	—
(c) Pupils who received B.C.G. vaccination .. .. .	697
(d) Physiotherapy at Special Schools .. .. .	26
(e) Children receiving hydrotherapy .. .. .	—
<b>Total (a)-(e) .. .. .</b>	<b>762</b>

## Part IV—Dental Inspection and Treatment carried out by the Authority

1. Number of pupils on the Registers of Maintained Primary and Secondary Schools including Nursery and Special Schools in January, 1973 .. .. . 13,605

### 2. Attendances and Treatment

	Ages 5 to 9	Ages 10 to 14	Ages 15 and over	Total
First Visit .. .. .	1,656	1,276	273	3,205
Subsequent Visits .. .. .	447	567	181	1,195
<b>Total Visits .. .. .</b>	<b>2,103</b>	<b>1,843</b>	<b>454</b>	<b>4,400</b>
Additional courses of treatment commenced .. .. .	231	202	54	487
Fillings in permanent teeth .. .. .	342	1,223	372	1,937
Fillings in deciduous teeth .. .. .	1,063	103	—	1,166
Permanent teeth filled .. .. .	317	1,136	351	1,804
Deciduous teeth filled .. .. .	1,000	102	—	1,102
Permanent teeth extracted .. .. .	118	377	134	629
Deciduous teeth extracted .. .. .	1,481	327	—	1,808
General anaesthetics .. .. .	588	288	77	953
Emergencies .. .. .	53	49	17	119

Number of pupils X-rayed .. .. .	38
Prophylaxis .. .. .	890
Teeth otherwise conserved .. .. .	378
Number of teeth root-filled .. .. .	3
Inlays .. .. .	—
Crowns .. .. .	2
Courses of treatment completed .. .. .	3,026

### 3. Orthodontics

Cases remaining from previous year .. .. .	1
New cases commenced during the year .. .. .	12
Cases completed during the year .. .. .	8
Cases discontinued during the year .. .. .	—
Number of removable appliances fitted .. .. .	14
Number of fixed appliances fitted .. .. .	—
Pupils referred to Hospital Consultant .. .. .	5

## 4. Prosthetics

	Ages 5 to 9	Ages 10 to 14	Ages 15 and over	Total
Pupils supplied with F.U. or F.L. (first time) ..	—	—	—	—
Pupils supplied with other den- tures (first time) ..	—	15	8	23
No. of dentures supplied ..	—	15	8	23

## 5. Anaesthetics

General anaesthetics administered by Dental Officers	739
General anaesthetics administered by Consultant Anaesthetist .. .. .	214

## 6. Inspections

(a) First inspection at school. Number of pupils ..	7,437
(b) First inspection at clinic. Number of pupils ..	1,594
No. of (a) plus (b) found to require treatment ..	3,954
No. of (a) plus (b) offered treatment .. ..	3,954
(c) Pupils re-inspected at school clinic .. ..	760
No. of (c) found to require treatment .. ..	439

## 7. Sessions

Sessions devoted to treatment .. .. .	852
Sessions devoted to inspection .. .. .	52½
Sessions devoted to Dental Health Education ..	74½



Part IV - Dental Department - The Department's Work

1. Number of papers on the subject	Number of papers on the subject			Total
	1934	1935	1936	
2. Papers published in the Journal of the American Dental Association	12	12	12	36
3. Papers published in other dental journals	12	12	12	36
4. Papers published in other dental journals	12	12	12	36

3. Statistics

Dental Statistics administered by Dental Clinics	
1. Total number of patients treated	114
2. Total number of patients treated in the Department	114
3. Total number of patients treated in the Department	114
4. Total number of patients treated in the Department	114
5. Total number of patients treated in the Department	114
6. Total number of patients treated in the Department	114
7. Total number of patients treated in the Department	114
8. Total number of patients treated in the Department	114
9. Total number of patients treated in the Department	114
10. Total number of patients treated in the Department	114

Dental Statistics administered by Dental Clinics	
1. Total number of patients treated	114
2. Total number of patients treated in the Department	114
3. Total number of patients treated in the Department	114
4. Total number of patients treated in the Department	114
5. Total number of patients treated in the Department	114
6. Total number of patients treated in the Department	114
7. Total number of patients treated in the Department	114
8. Total number of patients treated in the Department	114
9. Total number of patients treated in the Department	114
10. Total number of patients treated in the Department	114

4. Conclusions

Very few cases were reported from previous year

New cases reported during the year

Cases completed during the year

Cases reported during the year

Number of patients treated in the Department

Number of patients treated in the Department

Number of patients treated in the Department

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