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Contributors

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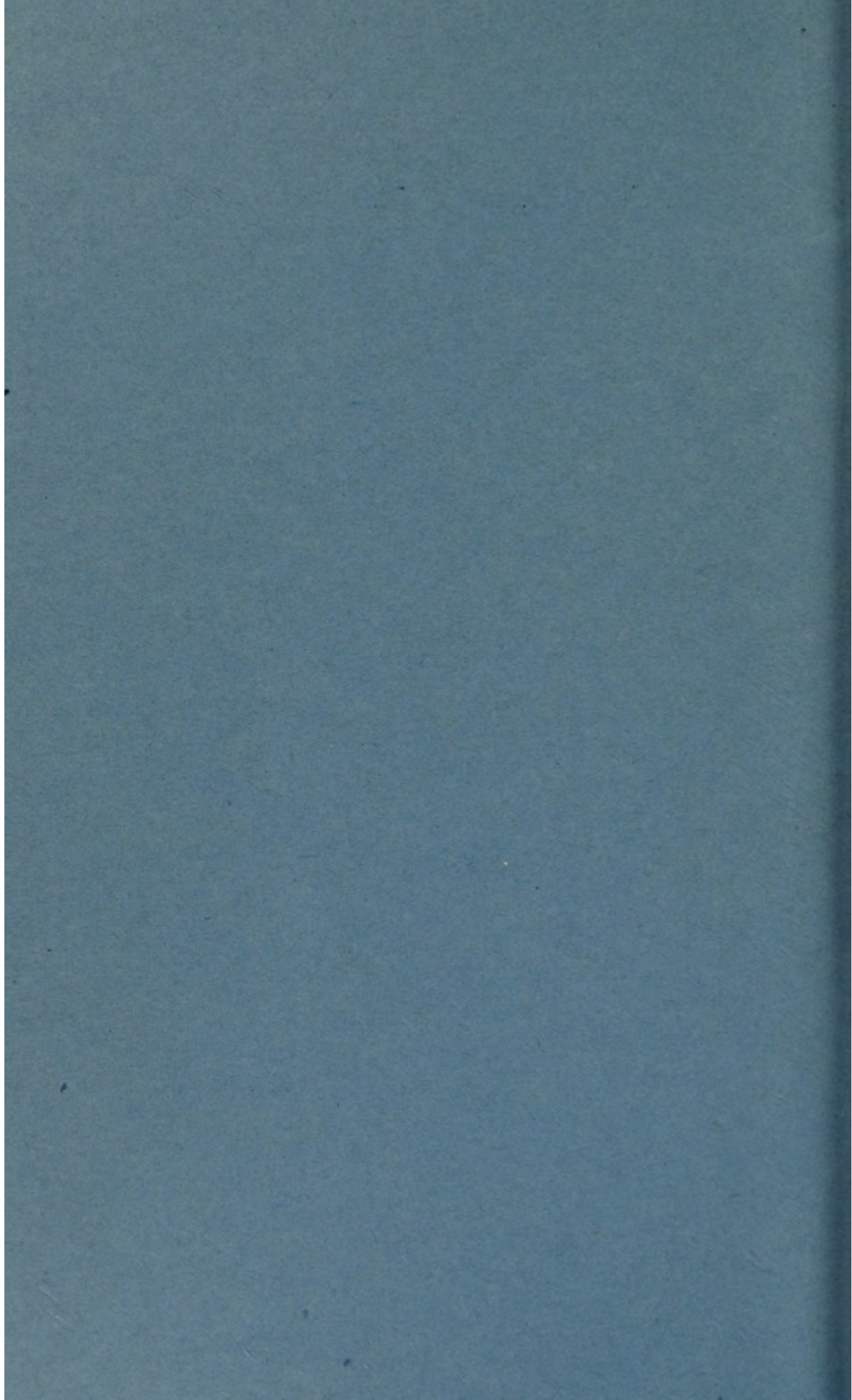
**CONISBROUGH
URBAN DISTRICT COUNCIL**

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**THE HEALTH
of
CONISBROUGH
1970**

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**CONISBROUGH
URBAN DISTRICT COUNCIL**

MEMBERS as at 31st DECEMBER, 1970

Chairman of the Council :
Councillor J. Stewart

Vice-Chairman of the Council :
Councillor G. Cheshire

Chairman of the Public Health Committee :
Councillor A. Haywood

Councillors :

T. H. Bacon	P. O'Neill
J. Croot	J. Prendergast
A. Duffy	B. Short
F. Fawkes	J. Taylor
J. E. A. Greathead	W. West
A. Mason	R. L. Warren

Medical Officer of Health :
D. J. CUSITER, M.B., Ch.B., D.P.H., D.T.M. & H.

Chief Public Health Inspector :
E. T. SWIFT, M.P.H.I.A.

P R E F A C E

Public Health Department,
Council Offices,
The Priory,
Conisbrough.

To the Chairman and Members of
the Conisbrough Urban District Council.

Mr. Chairman and Gentlemen,

This report on the health of your district also includes details relating to the County Council health services and school health service.

Whilst there was a natural increase in the population of 105, i.e. excess of births over deaths, in his estimate of the resident population for mid-1970 the Registrar-General indicates an overall decrease of 50. In making this estimate, account is taken of the movement of population from one area to another.

The number of live births registered in 1970 at 298 was 12 fewer than the total for 1969. Based on a slightly lower population figure, the corrected birth rate fell from 17.5 in 1969 to 16.6 per 1,000 estimated population. The rate is still however above that for England and Wales of 16.0.

Of the 298 live births, 24 were illegitimate representing 8 per cent of the total and this accords with the national average for illegitimate births.

Seven stillbirths were recorded during the year—the rate of 23.0 per 1,000 live and stillbirths being in excess of the rate of 13.0 for England and Wales.

There were also 7 deaths of infants under the age of one year. Two of these deaths were associated with prematurity, two died from congenital defects, and three from respiratory infections. The infant death rate was 23.5 per 1,000 live births compared with a rate of 18.2 for England and Wales and 28.7 for Conisbrough in 1969 when 12 infants under one year of age died. These large fluctuations in rates can be expected when they are based on such relatively small numbers.

I am pleased to report there were no maternal deaths recorded.

Deaths from all causes in 1970 totalled 193, 82 males and 111 females. The corrected death rate was 13.1 which is higher than the national rate of 11.7 per 1,000 estimated population. The main causes of death were circulatory disease (71); respiratory disease (53); cancer (27); cerebro-vascular disease (18). The respective death rates for these four categories were 4.01, 3.00, 1.53 and 1.02.

The death rate for respiratory disease is the third highest in the West Riding Administrative County area for which the average rate is 1.69. Thirty of the deaths were due to pneumonia, and bronchitis and emphysema accounted for a further 15.

Historically one expects a high death rate from respiratory disease in mining areas. Research conducted at Sheffield University has indicated that in residential areas where the Clean Air act has not been implemented that all the inhabitants, men women and children, have a higher incidence of respiratory complaints. No-one from the medical point of view requires all the benefits of the Clean Air Act more than the miner and the steelworker, particularly the foundry worker. The very nature of their daily work produces a constant attack on their lungs. They are entitled to breathe clean air when they leave the pit. This can be achieved by burning coke instead of raw coal, it requires 30 cwts. of coal to produce a ton of coke.

It is a missed opportunity from a public health point of view that the Clean Air Act has not been more fully implemented in this mining area. Clean air is of universal benefit and the fuller implementation of this health measure is long overdue.

Sections "C", "D" and "E" of this report relating to the environmental health services have been contributed by Mr. E. T. Swift, Chief Public Health Inspector.

May I take this opportunity of thanking all members of the Council, Mr. E. T. Swift and his staff at Conisbrough, and my colleagues and staff at the Divisional Health Office for their help and encouragement throughout the year.

Yours faithfully,

D. J. CUSITER,

Medical Officer of Health.

Divisional Public Health Office,
Dunford House,
Wath-upon-Dearne,
Rotherham.

Tel. Wath-upon-Dearne 2251/2.

SECTION "A"

NATURAL AND SOCIAL CONDITIONS OF THE AREA

(a) General Statistics

Area (in acres)	1,593
Registrar-General's estimate of Resident Population Mid-1970	17,690
Number of inhabited houses at 31st December, 1970	5,637
Population density (persons per house)	3.1
House density (houses per acre)	3.5
Rateable value	£350,360
Net product of 1d. rate	£1,330

(b) Physical and Social Conditions

The face of Denaby Main is slowly changing as the old terraced houses built by the mineowners in the 19th century are gradually being demolished and replaced by modern houses set back off the main road. Eventually all the old high density housing will be replaced by modern dwellings in pleasant surroundings. 106 families were re-housed in 1970 and 43 were accommodated in new houses completed during the year.

Coal mining is still the chief employer of labour in the area, although a certain amount of light industry employing mainly females has been attracted to the area.

VITAL STATISTICS

Live Births :

	Males	Females	Total
Total	152	146	298
Legitimate	139	135	274
Illegitimate	13	11	24
Live Birth Rate (uncorrected) per 1,000 population			16.8
Live Birth Rate (corrected) per 1,000 population ...			16.6
Illegitimate live births as percentage of total live births			8%

Still-births

	Males	Females	Total
Total	3	4	7
Rate per 1,000 live and still-births ...			23.0
Total Live and Still-births :	155	150	305

Deaths of Infants under 1 year of age :—

	Males	Females	Total
Total	6	1	7
Legitimate	5	1	6
Illegitimate	1	—	1

Infant Mortality Rates :

Total Infant Deaths per 1,000 live births ...		23.5
Legitimate Infant Deaths per 1,000 legitimate live births		21.9
Illegitimate Infant Deaths per 1,000 illegitimate live births		41.6

Neo-natal mortality rate (deaths under 4 weeks per
1,000 total live births) 10.1

Early neo-natal mortality rate (deaths under 1 week
per 1,000 total live births) 6.7

Perinatal mortality rate (still-births and deaths under
1 week combined per 1,000 total live and
still-births) 29.5

Maternal mortality, including abortion :—

Number of deaths Nil
Rate per 1,000 total live and still-births 0.0

Deaths

	Males	Females	Total
Total	82	111	193
Death Rate (uncorrected)			10.9
Death Rate (corrected)			13.1
Natural increase of population :			105

Deaths of Infants under 1 year of age, 1970

No.	Date of Death	Cause of Death	Age	Birth weight	Died	Dom. or Inst. birth
1.	12.1.70	1a Fulminating pneumonia b Intra uterine infection	23 hours	9.0	Montagu Hospital, Mexborough.	Inst.
2.	29.1.70	1a Bronchopneumonia b Prematurity	5 days	5.4	Montagu Hospital, Mexborough.	Inst.
3.	14.2.70	1a Transposition of the great vessels	2 months	5.9	Northern General Hospital, Sheffield.	Inst.
4.	10.4.70	1a Bronchopneumonia	2 months	6.4	At Home.	Inst.
5.	15.5.70	1a Respiratory tract infection b Congestive heart failure c Congenital heart disease 11 Down's syndrome	7 months	5.2	Royal Infirmary, Doncaster	Inst.
6.	26.6.70	1a Prematurity	9 days	3.3	Maternity Hospital, Doncaster.	Dom.
7.	27.11.70	1a Anoxia b Pulmonary oedema c Respiratory infection	3 months	6.9	Montagu Hospital, Mexborough.	Inst.

CONISBROUGH, 1970

	Conisbro' Urban District 1970	Div. 26 1970	Aggregate West Riding Urban Districts	West Riding Admini- strative County	England and Wales
Population	17,690	109,650	1,268,760	1,794,020	
Live Births (Crude)	16.8	17.7	17.2	17.3	—
Live Births (Corrected)	16.7	—	17.6	17.5	16.0
Death Rate—All causes Crude	10.9	11.6	12.5	11.7	—
Death Rate—All causes Corrected	13.1	—	13.0	12.7	11.7
Tuberculosis: Respiratory	0.00	0.03	0.02	0.02	0.02
Other Forms	0.00	0.04	0.01	0.01	0.01
All Forms	0.00	0.06	0.03	0.03	0.03
Cancer, all forms	1.53	2.02	2.29	2.14	2.39
Cerebro-vascular Diseases	1.02	1.33	1.89	1.75	*
Circulatory Diseases exc. C.V.D.	4.01	4.11	4.76	4.44	*
Respiratory Diseases	3.00	2.41	1.82	1.69	*
Maternal Mortality	0.00	0.50	0.36	0.29	0.18
Infantile Mortality	23.5	25.7	19.5	19.8	18.2
Neo Natal Mortality	10.1	16.0	13.2	13.2	12.3
Perinatal Mortality	29.5	32.8	24.1	24.4	23.5
Still-Births	23.0	19.2	13.3	13.6	13.0

*Figures not available.

SECTION 'B'

General Provision of Health Services in the Area

Staff at 31st December, 1970

Divisional Medical Officer and Medical Officer of Health :

D. J. Cusiter, M.B., Ch.B., D.P.H., D.T.M. & H.

Divisional Nursing Officer :

Miss V. Dunford, S.R.N., S.C.M., H.V.Cert., D.T. (Queens)

Senior Departmental Medical Officers :

S. K. Pande, M.B., B.S., D.P.H.

Margaret Bolsover, M.B., Ch.B.

Part-Time Medical Officers :

Farhat Amin, M.B., B.S., D.C.H.

M. F. W. Bajorek, M.D.

B. R. Baker, M.B., B.S., M.R.C.S., L.R.C.P.

P. L. Baker, M.B., B.S., M.R.C.S., L.R.C.P.

D. M. Bell, M.B., Ch.B.

I. Campbell, M.D., Ch.B.

Jessica Core, M.B., Ch.B., D.C.H.

Mary Scott, M.B., Ch.B.

H. H. Smith, M.B., Ch.B.

J. Wilczynski, M.B., Ch.B.

Obstetrician :

J. C. MacWilliam, L.R.C.P., L.R.C.S., L.R.F.P.S.,

D.Obst.R.C.O.G.

Ophthalmologists :

Mary A. C. Jones, M.B., Ch.B., F.R.C.S., D.O. (Consultant)

S. K. Bannerjee, M.B., B.S., D.O.

Child Psychiatrist :

J. D. Orme, M.R.C.S., L.R.C.P., D.P.M.

Psychologist :

Felicity A. Brown, B.A.

Health Visitors :

Mrs. E. Appleyard,	Miss V. McCulloch,
Mrs. J. Brown,	Mrs. J. V. McLoughlin,
Mrs. S. Chetcuti,	Mrs. I. E. Milnes,
Miss I. Cornthwaite,	Mrs. M. Mitchell,
Mrs. G. I. Ellis,	Mrs. R. U. Nwachuku,
Miss L. Ferneyhough,	Mrs. M. Scarrott,
Mrs. M. Fisher,	Miss J. L. Smith,
Mrs. D. Goddard,	Mrs. O. Smith,
Miss M. L. Hampshire,	Miss M. Sorby,
Mrs. M. Jenkinson,	Miss A. D. Willoughby,
Mrs. M. M. Knowles,	Miss H. Wray,

Assistants to Health Visitors :

Mrs. M. Lidster,	Mrs. N. M. Noble,
Mrs. G. Malpass,	Mrs. I. Senior.

Midwives :

Miss J. Dearden,	Mrs. M. Panton,
Mrs. O. D. Edwards,	Mrs. N. Roe,
Mrs. J. Gross,	Mrs. A. E. Smith,
Mrs. J. Hanmer,	Miss D. A. M. Spencer,
Mrs. A. Hessam,	Mrs. D. A. Taylor,
Mrs. H. E. Hillery,	Mrs. M. Venables,
Miss K. A. A. Howland,	Mrs. R. Williams,
Mrs. V. J. Marley,	

District Nurses :

Mrs. M. Brooks,	Mrs. A. Leaver,
Mrs. J. Cox,	Mrs. M. McCormack,
Mrs. S. R. Dickinson,	Mrs. A. E. Moore,
Mrs. E. E. Dixon,	Mrs. M. Probert,
Mrs. H. Dyson,	Miss E. Robinson,
Mrs. E. Elsworth,	Mrs. M. Waldron,
Mrs. E. Firth,	Mrs. O. M. Ashley,
Miss E. Gill,	S.E.N. (P.T.)
Mrs. I. Goldsbrough,	Mrs. M. L. Mann,
Mrs. B. W. Hucknall,	S.E.N. (P.T.)

Mental Welfare Officers :

Mrs. F. H. Redman, Miss D. Bailey.
Mr. P. Leslie,

Training Centre :

Supervisor : Mrs. E. Lewis

Mrs. I. Ardron,	Mrs. McQuillan,
Mr. D. Beevers,	Mrs. E. Naylor,
Mrs. M. Clarke,	Mrs. M. Peasgood,
Mr. T. Garbett,	Mrs. C. Smith,
Mrs. M. L. Lewis,	Mrs. Stephenson
Mrs. J. D. Marshall,	Mrs. B. M. Thompson.

Administrative and Clerical Staff :

Divisional Administrative Officer :

Mr. P. Goddard

Senior Clerk :

Mr. A. Wilkinson

Clerks :

Mrs. J. Chantry (P.T.),	Mrs. M. Mason (P.T.),
Mrs. S. Clare,	Mrs. S. Moulson,
Miss J. Flavell, H.H.O.	Mr. E. K. New,
Mr. H. Haigh,	Mrs. F. M. Shaw,
Miss P. Hays,	Mrs. P. A. Sturman,
Miss J. E. Hutchinson,	Mrs. J. Thacker,
Mrs. L. Johnson,	Mrs. E. White,
Mrs. D. Law (P.T.).	Miss J. Worton.
Mrs. A. Mann,	

DIVISIONAL VITAL STATISTICS

In considering the statistics discussed in the following paragraphs, it should be remembered that the rates quoted are based on relatively small numbers. There will therefore be fluctuations in these rates from year to year, but it is of value to note the trend of the differing rates over a period of years.

Live Births :

In 1970 1,943 live births were registered which was 29 more than the number registered in 1969. The birth rate of 17.7 per thousand population was higher than the rate of 17.4 for the previous year. The birth rate in the Divisional Area is above the national average of 16.0 per thousand estimated population.

170 illegitimate live births were registered, representing 9% of the total. In England and Wales as a whole 8% of all births were illegitimate.

Deaths :

The death rate for the Divisional Area was 11.6 per thousand estimated population compared with 11.2 in 1969. The rate for the West Riding Administrative County was 11.7, as was the rate for England and Wales as a whole.

Still births :

38 stillbirths were registered compared with 26 in 1969. There was a corresponding increase in the stillbirth rate from 13.4 the previous year to 19.2 in 1970. The stillbirth rate for England and Wales was 13.0 per thousand live and stillbirths.

Infant Mortality :

50 infants under the age of one year died in 1970. The infant mortality rate was 25.7 per thousand live births, compared with 27.7 in 1969. 27 of the 50 infants which died survived less than one week. Prematurity was a major cause of death, and 26 of these babies were under 5lbs. 8oz. in weight at birth. These figures are disappointing in view of the fact that 84% of all deliveries took place in hospital. The infant mortality rate for the West Riding Administrative County was 19.8, and for England and Wales 18.2.

Perinatal Mortality :

The perinatal mortality rate relates to infants dying under one week of age and all stillbirths, and is calculated on a basis of a thousand live and stillbirths. This rate is considered to be a reliable guide as to the standard of maternity care in the area. 27 infants died in the first week of life and there were 38 stillbirths. The perinatal rate was therefore 32.8 per thousand live and stillbirths compared with 32.6 in 1969. The rates for the West Riding Administrative County and England and Wales for 1970 were 24.4 and 23.5 respectively.

Tuberculosis :

6 deaths were recorded from tuberculosis of the respiratory system and 1 death from other forms of the disease. The death rate for all forms of tuberculosis was 0.06 per thousand of the estimated population.

Cancer :

222 deaths were registered from all forms of cancer throughout the Division in 1970. This total is 22 more than in 1969, and the death rate per thousand estimated population was 2.02 compared with 1.85 the previous year.

Deaths from cancer of the lung totalled 58 which was 12 more than the total for 1969. 49 of these deaths occurred in males. The lung cancer death rate for the area was 0.53 per thousand of the estimated population, and compares with a rate for England and Wales of 0.62.

9 deaths were recorded in women with cancer of the uterus, and the death rate of 0.08 compares with an Administrative County rate of 0.09 per thousand population.

Cerebrovascular Diseases :

146 deaths were recorded under this heading, compared with 167 in 1969. The death rate of 1.33 is lower than that for the West Riding Administrative County which in 1970 was 1.75 per thousand estimated population.

Heart and Circulatory Diseases :

This group represents the most common cause of death and includes coronary diseases and angina. 451 deaths were registered, corresponding to a death rate of 4.11. The Administrative County rate was 4.44.

Diseases of the Respiratory System :

The death rate for diseases of the respiratory system in this Division is considerably higher than that for the County as a whole, being 2.41 per thousand population as against a County rate of 1.69. In all there were 264 deaths making this group of diseases second only to heart and circulatory diseases as the main cause of death. Reference to the following table will show how the death rate has steadily risen over the last six years :

1965	1.42	per thousand	estimated	population
1966	1.99	..	..	..
1967	1.56	..	..	..
1968	1.95	..	..	..
1969	2.01	..	..	..
1970	2.41	..	..	..

113 of the 264 deaths were due to bronchitis and emphysema, the so-called English disease which is due to infection and inflammation of the bronchi with resultant changes in the lung and heart. The condition is aggravated by cigarette smoking, atmospheric pollution and sudden changes in air temperature.

The effects of the disease can be limited by giving up cigarettes, adopting a clean air policy which the councils have very wisely extended, and by providing some form of background heating in bedrooms.

Maternal Mortality :

For the second successive year a death which was associated with pregnancy was registered in the area.

The circumstances associated with this death were extremely rare and could not reasonably have been foreseen or prevented.

LOCAL HEALTH AUTHORITY SERVICES

Care of Mothers and Young Children - Section 22

Ante-Natal Clinics :

C.W.C. Welfare Avenue, Conisbrough.	Tuesday 2 - 4 p.m.	Dr. J. C. MacWilliam
C.W.C. Church Road, Denaby Main.	Wednesday 10 a.m. - 12 noon	do.
C.W.C. Welfare Park, Goldthorpe.	Thursday 2 - 4 p.m.	do.
C.W.C. Adwick Road, Mexborough.	Wednesday 2 - 4 p.m.	do.
C.W.C. Barbers Avenue, Rawmarsh.	Thursday 10 a.m. - 12 noon	Dr. Mary Scott
C.W.C. Rock House, Swinton.	Thursday 10 a.m. - 12 noon and 2 - 4 p.m.	Dr. H. H. Smith (Well-woman Clinic)
C.W.C. off Houghton Road, Thurnscoe.	Friday 10 a.m. - 12 noon	Dr. J. C. MacWilliam
C.W.C. Church Street, Wath-upon-Dearne.	Friday 2 - 4 p.m.	Dr. F. Amin

Attendances :

Clinic	No. of patients who attended	No. of Attendances
Conisbrough ...	9	42
Denaby Main ..	23	158
Goldthorpe ...	64	160
Mexborough ...	26	177
Rawmarsh Barbers Ave.	88	490
Swinton ...	27	218
Thurnscoe ...	22	189
Wath-upon- Dearne ...	60	164
TOTAL	319	1598

The decline in the number of expectant mothers attending Local Authority Ante-Natal Clinics has continued in 1970. However, there has been an increase in the number of G.P's using Local Health Authority premises for their ante-natal clinics, and the domiciliary midwives have been in attendance. The number of domiciliary deliveries also continues to decline, and in 1970 only 16% of confinements took place at home. It is interesting to note that the percentage of women attending Local Health Authority Ante-natal Clinics was also 16%.

Dr. J. C. MacWilliam continued as Medical Officer in charge of Ante-natal Clinics held in Conisbrough, Denaby Main, Goldthorpe, Mexborough and Thurnscoe, and he also holds a joint appointment of Senior Hospital Medical Officer at the Montagu Hospital, Mexborough.

Ante- natal relaxation classes are held at six centres in the Division, and attendances are detailed in the table below. Health Education activities form an essential part of these sessions.

Clinic	Attendances
Goldthorpe	200
Rawmarsh	487
Thurnscoe	127
Wath-upon-Deerne	355
Conisbrough	69
Total	<hr/> 1,238 <hr/>

Family Planning Clinics :

The Family Planning Association hold clinics at two centres in the Division as follows :—

Mexborough Child Welfare Centre—

each Tuesday from 6.15 p.m. to 8.45 p.m.

Goldthorpe Child Welfare Centre—

each Thursday from 10 a.m. to 12 noon.

Free facilities for treatment and advice are available to those mothers referred to the clinic by this Department for social reasons.

Infant Welfare Clinics :

Sessions are held as follows throughout the year with the exception of Bank Holidays.

Centre	Medical Officer in Charge
C.W.C. Conisbrough Monday 2 - 4 p.m.	Dr. M. Bajorek
C.W.C. Denaby Main Tuesday 2 - 4 p.m.	Dr. M. Bajorek
C.W.C. Goldthorpe Monday 2 - 4 p.m.	Dr. H. J. Powell
C.W.C. Mexborough Tuesday 2 - 4 p.m. Thursday 2 - 4 p.m.	Dr. M. E. J. Bolsover Dr. S. K. Pande
C.W.C. Rawmarsh (Monkwood) Thursday 2 - 4 p.m.	Dr. D. M. Bell
C.W.C. Rawmarsh (Barbers Avenue) Tuesday 2 - 4 p.m.	Dr. Jessica Core
C.W.C. Swinton Monday 2 - 4 p.m.	Dr. I. Campbell
C.W.C. Thurnscoe Monday 2 - 4 p.m. Tuesday 2 - 4 p.m.	Dr. J. Wilczynski (for both sessions)
C.W.C. Wath-upon-Dearne Monday 2 - 4 p.m. Tuesday 2 - 4 p.m.	Dr. D. M. Bell (for both sessions)
C.W.C. Kilnhurst Wednesday 2 - 4 p.m.	Dr. Jessica Core

Attendances :

Centre	No. of individual children who attended	Total No. of Attendances	
		Under 1 year	Over 1 year
Conisbrough	634	1218	2168
Denaby Main	266	967	911
Goldthorpe	773	997	1743
Kilnhurst	260	575	979
Mexborough	765	1856	1987
Monkwood	358	637	846
Rawmarsh	513	1053	1073
Swinton	525	1084	1579
Thurnscoe	797	1734	2871
Wath-on-Dearne	867	1815	2972
	5758	11936	17129

There was an increase of over three thousand in the number of attendances made at Infant Welfare Clinics during the year compared with 1969, and the number of individual children who attended was also increased by five hundred.

National Welfare foods and a limited range of proprietary brands of foods are available for sale at Infant Welfare Clinics.

Premature Infants :

A premature infant is defined as one which weighs $5\frac{1}{2}$ lb. or less at birth.

159 premature births, including 8 sets of twins and 1 set of triplets, were notified in 1970. This total includes 25 stillbirths. Ninety per cent of these premature births took place in hospital, and 5 of the 13 premature babies born at home were later transferred to hospital.

26 deaths were recorded of premature babies, their birth weights being as follows :—

2 lbs or under	...	...	...	...	5
Between 2 and 3 lbs	...	...	...	...	6
Between 3 and 4 lbs	...	...	...	...	6
Between 4 and $5\frac{1}{2}$ lbs	...	...	...	...	9

108 of the 134 infants born alive survived over 28 days, representing a survival rate of 81%.

PREMATURE INFANTS BORN IN 1970

District	Born Alive			Stillbirths			No. removed to Hosp. After Birth	No. surviving 28 days		
	At Home	In Hosp.	Total	At Home	In Hosp.	Total		Born at Home	Born in Hosp.	Total
Conisbrough	3	14	17	—	7	7	2	2	13	15
Dearne	4	36	40	—	7	7	1	1	26	30
Mexborough	—	14	14	—	3	3	—	—	11	11
Rawmarsh	4	33	37	—	3	3	2	2	29	33
Swinton	1	7	8	—	3	3	—	—	4	5
Wath-upon-Dearne	1	17	18	—	2	2	—	—	13	14
TOTALS	13	121	134	—	25	25	5	5	96	108

Care of the Unmarried Mother and Child :

The County Council's Scheme for the unmarried mother and her child provides for financial responsibility for the maintenance of these unmarried mothers to be accepted by the County Council provided that the mothers are bona fide West Riding residents. Financial assistance covers a period of thirteen weeks excluding the lying-in period.

The success of the scheme in this area depends to a great extent on assistance received from the social workers of the Moral Welfare Councils, and I am grateful for this help.

141 illegitimate births were notified to this Department in 1970 by various agencies, and these cases are analysed below :

Marital Status :

(1) Married :

(a) with previous illegitimate children ...	15
(b) without previous illegitimate children ...	29

(2) Single :

(a) with previous illegitimate children ...	13
(b) without previous illegitimate children ...	81

(3) Widowed or Divorced :

(a) with previous illegitimate children ...	1
(b) without previous illegitimate children ...	2

Age Incidence :

(1) Under 15	1
(2) Age 15 - 19	66
(3) Age 20 - 24	27
(4) Age 25 - 29	30
(5) Age 30 - 39	16
(6) Age 40 and over	1

Problem Families :

The Co-ordinating Committee of which the Divisional Medical Officer is Chairman, consists of representatives of the Health, Welfare, Education and Children's Departments of the County Council; Housing and Public Health Inspectors' Departments of the District Councils, an official of the

Department of Health and Social Security, Inspectors of the N.S.P.C.C., and the Welfare Officer of the National Coal Board. Frequent informal discussions and contacts are made with these representatives regarding individual problem families, particularly families where the County Council have a rent guarantee in operation.

Twenty-one families, in which there were 101 children, were the subject of rent guarantees in 1970 and of these, 16 cases were still under rent guarantee and supervision at the year end.

Of the 16 current cases, one case has been subject to rent guarantee since 1965, but there are at the moment no arrears of rent and providing the present satisfactory progress continues the guarantee can be withdrawn at the next review. 3 cases have been under supervision since 1967, 3 since 1968, 2 commenced in 1969 and 7 were new cases in 1970.

The rent guarantee in respect of four families was withdrawn during 1970. In two instances rehabilitation was not successful. A satisfactory conclusion was reached in one of the two remaining cases, the fourth family left the area.

In another case a decision on a rent guarantee was still the subject of discussion with the district council.

MIDWIFERY—SECTION 23

17 fulltime midwives and 1 parttime midwife were employed in the divisional area at the 31st December, 1970. Mrs. M. L. Green, employed in the Denaby Main area, resigned during the year to take up an appointment as midwifery sister at the Montagu Hospital, Mexborough. Mrs. J. Godfrey left the midwifery service to take up training as a health visitor.

The number of hospital deliveries continued to increase during 1970, and consequently it was not necessary to fill the vacancies caused by the departure of Mrs. Green and Mrs. Godfrey. Three midwives attended refresher courses during 1970 to comply with Section "G" of the Rules of the Central Midwives Board.

Eighty-four per cent of all deliveries took place in hospital as against eighty-two per cent in 1969. A total of 1,988 live and stillbirths were recorded in the divisional area.

General practitioners attended 57 of the 320 home confinements, and midwives sought medical aid on 13 occasions. District midwives nursed 65 mothers who were confined in hospital and discharged up to forty-eight hours after delivery. A further 487 mothers discharged from hospital up to and including the fifth day, and 307 discharged between the fifth and tenth day were also visited by district midwives.

There are 5 well-attended relaxation clinics in the Division, and regular cervical cytology clinics at which midwives attend. In addition to the 8 ante-natal clinics run by the Local Health Authority, general practitioners held ante-natal clinics in County premises at which the district midwives assist.

HEALTH VISITING—SECTION 24

At the 31st December, 1970, 19 qualified health visitors and 5 assistants to health visitors were employed in the Division. 3 of the health visitors undertook duties as field-work instructors. There were 3 appointments of qualified health visitors during the year, whilst 1 assistant health visitor transferred to the home nursing staff.

3 of the staff attended post-graduate refresher courses held at Bristol and Reading Universities, 3 attended in-service training courses at Grantley Hall and 2 of the staff attended special home safety conferences.

The Child Welfare Centre at Conisbrough was the venue for a one-day training course on the ascertainment of deafness in young children at which 32 health visitors from the south of the County attended.

4 trainee health visitors from the Health Visiting Course at the Sheffield Polytechnic were allocated to the three field-work instructors employed in the Division.

All qualified health visitors are attached to one or more general practices or group of general practices, and this co-operation between the two branches of the Health Service has proved of great benefit to all. A similar liaison has been in operation for over twenty years with the local hospitals.

The health visitor's duties include Health Education activities and her work in this sphere takes her into schools, mothers' clubs, church meetings, etc.

There are 4 mothers' clubs organised by health visitors at clinics in the Division, and all these are well attended and provide a varied programme of activities.

14,031 individual families were visited in 1970, more than half of which were to mothers with infants under five years of age. 2,309 old age pensioners were also visited. The following is a full analysis of the health visitor's work during the year :

Health Visiting and Tuberculosis Visiting :

	No. of Cases (i.e. first visits)
1. Total number of cases	14031
2. Children born in 1970	1771
3. Children born in 1969	1743
4. Children born in 1965/68	4002
5. Total number of children in lines 2 - 4 ...	7516
6. Persons aged 65 or over (excluding 'domestic help only' visits) ...	2309
7. Number included in line 6 who were visited at the special request of a general practitioner or hospital	490
8. Mentally disordered persons	28
9. Number included in line 8 who were visited at the special request of a general practitioner or hospital	12
10. Persons, excluding maternity cases, dis- charged from hospital (other than mental hospitals)	371
11. Number included in line 10 who were visited at the special request of a general practitioner or hospital	173

12. Number of tuberculosis households visited (i.e. visits by health visitors not employed solely on tuberculosis work)	133
13. Number of households visited on account of other infectious diseases	45
14. Other Cases	3629

HOME NURSING—SECTION 25

As in the case of the health visitors, all home nursing sisters are attached to general practices and have no longer defined districts. In areas where general practitioners hold their surgeries in clinic premises treatment can be arranged at the clinic, and during 1970 88 patients were so treated.

Home nursing sisters attended 2,065 cases in their own homes and the 18 wholetime staff made 56,522 visits during the year. Of these, 34,418 visits were made to 1,099 patients over sixty-five years of age.

Mrs. M. Herring retired from the service in December after many years of devoted service in the Dearne area. One nurse left the Home Nursing Service to take up training as a health visitor, and one left to take up an appointment abroad. 2 State Enrolled Nurses were appointed during the year and these were the first nurses other than State Registered Nurses to be employed on the district in this area.

3 nurses attended a course arranged by the County Council at Grantley Hall Adult College, Ripon.

The pattern of work has gradually changed throughout the years. The number of injections has decreased but more general nursing care is being provided, particularly for the elderly. It is now the pattern in this area to discharge geriatric patients after a short period in hospital, rather than keep them for long periods as in the past. It is therefore essential that there should be good liaison between hospitals, the Local Health Authority Services and the general practitioners if the geriatric patient is to receive the necessary care and aftercare.

2 student district nurses were trained by Mrs. M. Brooks, Home Nursing Sister at Thurnscoe, during the year and both were successful in their final examinations for the District Nursing Certificate.

The following is a summary of cases nursed by home nursing sisters during 1970 :

Case Summary :

Classification	No. of cases attended	No. of visits made
Medical	1,567	45,213
Surgical	408	9,586
Infectious Diseases	10	149
Tuberculosis	13	881
Maternal complications	45	457
Other	22	236
TOTALS:	2,065	56,522
Patients included above who were aged 65 or over	1,099	34,418
Children included above who were under 5 or less	81	440
Patients included above who have had 24 visits or more	521	36,512

The County Council operate a day and night nursing service to provide relief for relatives nursing patients with chronic illnesses. During the year 7 cases were provided with help totalling 1,161 hours at a cost of £375 in wages and travelling expenses.

VACCINATION AND IMMUNISATION—SECTION 26

The administrative arrangements for the vaccination and immunisation of all children born on or after 1st July, 1968, are now controlled by computer and the scheme is operating successfully. 28 of the 46 family doctors practising in the Division participate in the scheme.

On advice received from the Expert Committee on vaccination and immunisation, the following schedule has been adopted by the County Council :

Six Months :

Diph./Tet./Pert. and oral polio vaccine (first dose)

Eight Months :

Diph./Tet./Pert. and oral polio vaccine (second dose)

Fourteen Months :

Diph./Tet./Pert. and oral polio vaccine (third dose)

Sixteen Months :

Measles vaccination

Eighteen Months :

Smallpox vaccination

Five Years :

Diph./Tet. and oral polio vaccine, or

Diph./Tet./Polio vaccine. Smallpox revaccination

Eleven to Twelve Years :

B.C.G. vaccine

Fifteen Years :

Polio vaccine (oral or inactivated)

Tetanus Toxoid

Smallpox revaccination

Some general practitioners prefer to start the first course of immunisation before the infant is six months of age and the computer programme is flexible enough to take into account these variations.

Smallpox Vaccination :

	Date of Birth			Total
	1970	1965-68	1956-64	
Primary Vaccination	35	938	38	1011
Re-vaccination	—	4	16	20
Total	35	942	54	1031

Diphtheria Immunisation :

	Date of Birth			Total	Booster Doses
	1967-70	1963-66	Others under 16 yrs.		
Number immunised	2044	13	1	2058	313

Poliomyelitis Vaccination :

	No. of persons completely Vaccinated during 1970		Total persons completely Vaccinated at 31.12.70	
	3 Dose	4 Dose	3 Dose	4 Dose
Children born in years 1955 — 1970	1971	309	28695	8794
Young Persons	—	—	20749	4936
TOTAL	1971	309	49444	13730

AMBULANCE SERVICE—SECTION 27

Mr. H. Godley is the Station Officer at the local ambulance station sited at Dunford House, Wath-upon-Dearne. Mr. Godley has kindly supplied me with the following statistics relating to the Service :

No. of patients conveyed	...	...	...	...	39,942
No. of journeys	...	...	...	...	8,214
Total mileage 1/1/70 to 31/12/70	...	...	...	...	240,425

Details of Journeys :

No. of patients to out-patients clinics	...	...	31,777
No. of patients for admission to hospital	...	...	3,722
No. of patients for discharge from hospital	...	...	2,705
No. of patients transferred from hospital to hospital	...	...	853
No. of patients from accidents	...	...	885
Total	...	...	39,942

In addition to Mr. Godley there is a staff of 35 including shift leaders and clerk/telephonists.

PREVENTION OF ILLNESS—CARE AND AFTER CARE—SECTION 28

Nursing Equipment in the Home :

A complete range of nursing equipment is available for loan to patients on the recommendation of the family doctor or hospital.

Hospital After-Care :

Miss A. D. Willoughby, Health Visitor, visits the Montagu Hospital, Mexborough, and its Annexe at Sandygate, Wath-upon-Dearne, and Fullerton Hospital each week on liaison duties, continuing a practice started in 1950. Reports are provided for the hospital staff in respect of home circumstances both for patients and those on the waiting list for admission. Similarly, arrangements are made to meet the needs of the patient after discharge from hospital such as the home nursing service, home help, provision of home nursing equipment or follow-up by the health visitor.

Mrs. O. Smith, Health Visitor at Rawmarsh, acts in a similar capacity for the three Rotherham hospitals, and Mrs. M. Jenkinson is attached to the Wath Wood Hospital, Wath-upon-Dearne, for liaison purposes.

Statistics Relating to Hospital Liaison

	Montagu H. Mexborough	Sandygate Annexe	Rotherham Hospital	Moorgate Gen. Hosp.	Badsley Moor Lane
No. of visits	97	42	46	52	8
Reports on home conditions	175	7	—	—	—
Geriatric investigations	49	5	—	71	—
Interviews	21	3	97	201	7

The Rotherham and Mexborough Hospital Management Committee have again expressed their appreciation of the work performed by the County health visitors.

Tuberculosis After-Care :

12 cases of tuberculosis were notified in the divisional area during 1970, and 60 contacts of these cases were ascertained and referred to the Consultane Chest Physicians at Mexborough and Rotherham. As far as is known, no infectious cases of tuberculosis are in employment in the area.

Children with strongly positive reactions to Heaf testing in connection with the B.C.G. vaccination programmes in school are all referred to the nearest Chest Clinic for further investigation. In 1970 all these investigations proved negative.

Miss L. Ferneyhough continued her role as liaison health visitor at the Mexborough Chest Clinic. She maintains a constant check on the attendance of contacts at the Chest Clinic and notifies the appropriate health visitor of defaulters, enlisting their assistance on behalf of the Chest Physician when any problems or difficulties arise.

2,261 children were offered B.C.G. vaccination and of these 2,042 (90%) accepted. Subsequently, 1,877 were Heaf tested of which 1,582 had negative reactions and were vaccinated.

74 contacts of known cases of tuberculosis were vaccinated with B.C.G. by the chest physicians at the chest clinics.

Chiropody Service :

The following is a summary of treatments provided during 1970 by the various voluntary agencies or by direct service :

Summary of treatments :

Voluntary Association	Total Sessions	No. of Patients treated			No. of attendances
		Domi-ciliary	Non-Domi-ciliary	Total	
Bolton-on-Dearne O.A.P. Association	183	135	454	589	2320
Goldthorpe O.A.P. Association					
Thurnscoe O.A.P. Association					
Thurnscoe W.V.S.					
Mexborough Old Folk's Welfare Committee.....	150	150	336	486	1926
Swinton Aged Peoples Welfare Committee.....	140	128	323	451	1676
Rawmarsh Aged Peoples Welfare Committee	51	67	107	174	720
Wath-on-Dearne Aged Peoples Welfare Com'tee	176	311	354	665	2449
Total	700	791	1574	2365	9091
Direct Service					
Goldthorpe	29	46	94	140	418
Mexborough.....	145	103	281	384	1829
Rawmarsh	180	147	333	480	1882
Conisbrough-Denaby Mn.	126	103	274	377	1488
Total	480	399	982	1381	5617

Cervical Cytology :

59 sessions were held during the year at which 712 women attended. 9 patients were referred to family doctors for investigation of minor abnormalities and there was one patient referred for further investigation.

Joint Wardens Schemes for the Supervision of the Aged :

These schemes organised jointly by the County Council and Local District Councils provide for the supervision by wardens of aged persons both in units or other purpose built accommodation and in ordinary dwelling houses. The wardens may or may not be resident.

In many units there is some form of communication installed between the warden's flat and the individual dwellings.

The following are details of warden schemes in the various districts :

Conisbrough :

- 6 resident wardens supervising schemes at :—
Shepherds Close, Denaby Main.
Community Centre, Conisbrough.
Wellgate Flats, Conisbrough (2 wardens)
Barton Place, Conisbrough.
Graganour Place, Denaby Main.
- 1 warden is employed for the supervision of old people in private houses in Denaby Main.

Dearne :

- 12 wardens supervising schemes at :—
Chestnut Grove, Thurnscoe.
Low Grange Road, Thurnscoe (2 wardens)
Market Square, Goldthorpe.
King Street, Goldthorpe.
Green Gate Close, Bolton-on-Dearne.
Goldthorpe Road, Goldthorpe.
Hawthorne Flats, Thurnscoe.
Windsor Court, Thurnscoe.
Saltersbrook Flats, Highgate
Ladycroft, High Street, Bolton-on-Dearne.
Church Street Flats, Thurnscoe.

Mexborough :

- 7 wardens supervising schemes at :—
Pitt Street, Mexborough.
Crossgate and Montagu Street, Mexborough.
Highwoods Road, Mexborough.
Oak Close, Mexborough.
Maple Leaf Court, Mexborough.
Hallgate, Mexborough.
Coniston Court, Mexborough.
- There are also 7 wardens for private properties in Mexborough.

Rawmarsh :

- 3 wardens supervising bungalows in :—
Greenfield, Rawmarsh.
Arcon Place, Rawmarsh.
Rockcliffe Road/Barbers Avenue, etc.

Swinton :

- 6 wardens supervising schemes in :—
Kilnhurst bungalows.
St. Johns Road bungalows, Swinton.
Meadow View bungalows, Kilnhurst.
Thomas Street Estate, Swinton.
Highfield Estate, Swinton.
Brameld Road, Swinton.

Wath-upon-Dearne :

- 6 wardens supervising schemes at :—
Almond Place, Wath.
Barnsley Road/Edward Road, etc., Wath.
Brampton Road/Christchurch Road,
West Melton.
Blake Avenue/Wordsworth Road/
Christchurch Road, etc., West Melton.
Varney Road/Mount Pleasant Road, etc.,
Wath.
Chapel Street/Cemetery Road, etc., Wath.

Meals on Wheels :

This service is provided to persons of pensionable age who are suffering from malnutrition or who are unable to cook their own meals due to disability or illness and have no-one else to cook their meals for them. Containers for the service are provided by the County Council who also subsidise the meals as necessary. The recipient is charged 5p per meal.

Urban District	No. of Persons	Frequency	Total meals Weekly
Conisbrough	60	Twice weekly	120
Dearne	96	Served to 48 persons twice weekly over four days	192
Mexborough	102	Twice weekly	204
Rawmarsh	50	Twice weekly	100
Swinton	48	Twice weekly	96
Wath-on-Dearne	52	Served to 26 persons twice weekly over four days	104
TOTALS	408		816

HEALTH EDUCATION

Health Visiting :

The health visitors have devoted a great deal of time to Health Education activities during 1970 and had the extra support provided by the appointment of Dr. E. M. Harvey, a part-time medical officer for Health Education activities.

Dr. Harvey visited all heads of schools in the area to discuss ways and means of achieving better co-operation between the two departments.

Subsequently, a number of health visitors undertook periods of teaching in school, particularly in the secondary schools, when all aspects of Health Education were covered.

At Wath-upon-Deerne Grammar School the headmaster, Dr. Harvey, and the health visitors arranged a post 'O' level seminar in July 1970. This course extended over a week and over 1,500 attendances were recorded. We were encouraged to organise a similar course during the year 1971. Three of the senior schools arranged similar projects on a similar scale.

A successful home safety exhibition was held at the Child Welfare Centre, Wath-upon-Deerne, during the period 11th to 21st May. 1,886 children and 337 adults attended the exhibition.

In conjunction with the Department of Further Education at Wath-upon-Deerne, classes have been organised for pre-school play group leaders and their helpers, and these proved most successful.

DOMESTIC HELP SERVICE — SECTION 29

1,719 cases were provided with domestic help and the 176 home helps employed provided a total of 173,656 hours of assistance.

There was an increase of 75 in the number of cases assisted compared with 1969, and the number of hours home helps were employed also showed an increase of 600.

Establishment of Home Helps	83.75
No. of domestic helps employed at 31.12.70 part-time (equivalent of 83.25 full-time)	176

Cases receiving assistance :

	No. of Cases	Hours
(1) Maternity (including expectant mothers)	9	227
(2) Chronic Sick		
(a) Aged 65 and over	1,566	162,353
(b) Aged under 65 and including tuberculosis	119	9,772
(3) Others	13	497
(4) Mentally disordered	12	807
Totals ...	1,719	173,656

MENTAL HEALTH SERVICE

Subnormal or Severely Subnormal :

Number under care and guidance	539
Number of ascertainments	8
Number attending training centre	146

Mentally Ill :

Number discharged from psychiatric hospital ...	71
Number requiring after-care	419
Number of visits involved for after-care and patients referred from out-patient clinics	2,931
Number of cases referred to out-patient psychiatric clinics	104
Number referred to rehabilitation centres	2
Number referred to Youth Employment Office under 17 years of age	7

Out-Patient Clinics :

Monday and Thursday—

Montagu Hospital, Mexborough.

Consultant—Dr. K. Myers.

Miss D. Bailey and Mr. P. Leslie attend in turn.

Mrs. F. H. Redman.

Liaison is also maintained with the following hospitals :

Doncaster Gate Hospital, Rotherham.

Consultants—Dr. Addis and Dr. Parkin.

Moorgate General Hospital, Rotherham.

Consultant—Dr. Addis.

Northern General Hospital, Sheffield.

Consultant—Dr. Kelly.

Mentally Subnormal Patients not attending Training Centre :

Number resident in hostels	...	...	...	...	...	3
Males—working full-time	...	...	...	...	...	29
Males—working part-time	...	...	...	...	...	4
Females working full-time	...	...	...	...	...	24
Males occupied at home	...	...	...	...	...	27
Females occupied at home	...	...	...	...	...	46

Psychiatric Club :

At the 31st December, 1970, the membership of the Club, which was founded in 1961, was 80 and an average attendance of 50 was recorded during the year.

The Club provided companionship, occupational therapy and social activities for those who had been mentally ill.

During the summer months outings were arranged and 16 patients were taken on a holiday to the Rotary Camp at Castleton in Derbyshire.

Additionally, evening sessions at which dressmaking, millinery, embroidery and physical culture are taught were arranged in conjunction with the Rockingham Institute of Further Education.

Training Centre :

147 adults and children were in attendance at the Training Centre for the Mentally Handicapped, Oak Road, Wath-upon-Deerne, at the end of 1970.

The Centre has three departments, the Junior Wing, Adult Wing including workshops, and the Special Care Unit. A modern dining room and kitchen is included in the complex, and 11 staff, including a Supervisor, are employed.

Coaches and minibuses are hired to convey trainees to and from the Centre each school day.

There is a flourishing parent-teacher association which holds regular meetings throughout the year and raises considerable sums of money for the benefit of the trainees.

Both seniors and juniors enjoyed a day's outing at the seaside, and the County Council contributed £40 towards the expenditure. The balance was made up out of Centre funds. Similarly, a grant of £10 is provided by the County Council towards the cost of Christmas festivities at the Centre.

The County Council provides the materials for over two hundred different contracts and the Centre trainees make up these materials under supervision to County Supplies specification. The completed articles are despatched in batches to the County Supplies Department, and the Training Centre receives the appropriate credit for all work completed. Contracts completed during the year included clothes horses, workholder cases, firewood, table tennis bats, work aprons, enuresis alarm pads, playhouse screens, first aid cabinets, timber sheds, etc.

SCHOOL HEALTH SERVICE

Two full-time school medical officers were employed in the school health service during 1970, and their services were supplemented by the employment of general practitioners on a part-time basis.

In accordance with agreed County policy in regard to the work of the school health service, the former pattern of periodic routine examinations of certain age groups, with infrequent visits to the schools by the school medical officers, was discontinued. Instead arrangements were made for the doctors to visit each school at least once a term so that discussion can take place on any problems as they arise.

The medical examination of a child at school entrance is regarded as the most important examination in its school life and offers the opportunity of surveying the child's physical and emotional development. As far as possible this examination is carried out prior to the child's admission to school and is undertaken at the clinic, where conditions are better than in the school itself.

So far as other periodic examinations are concerned these are discontinued, and instead selective examinations are undertaken at 2—3 yearly intervals throughout school life; the children selected for this examination being those where some defect has been noted at the entrance examination, or children referred to the school medical officer by the teaching staff.

All children in school have their vision checked annually, and an assessment of colour vision is made not later than 10—11 years of age. At approximately 6—7 years of age and 10—11 years of age all children are tested for hearing by the use of a pure-tone audiometer.

The following tables give statistics in respect of the school health service during the past year :

Table I

Inspection of School Children 1970 :

Entrants	...	...	...	...	...	...	...	...	2,030
First Year Secondary	...	...	...	...	...	...	...	...	—
Last Year Secondary	...	...	...	...	...	...	...	...	117
								Total	2,147
									<hr/>
No. of special inspections	...	...	...	...	...	...	...	...	750
No. of re-inspections	...	...	...	...	...	...	...	...	118
								Total	868
									<hr/>
Total Inspections	...	...	...	...	...	...	...	...	3,015

Physical Condition of Pupils Inspected :

Satisfactory	...	...	...	...	...	...	...	...	100%
Found to require treatment	...	...	...	...	...	...	...	...	—

Table II

Cleanliness and Head Infestation :

Total No. examinations made for this purpose...	18,980
Total No. found infested	548
Total percentage found infested	2.9%

Table III

Care of Handicapped Children :

Milton Day School—E.S.N.	100
Residential School—E.S.N.	4
Residential School—Deaf or Partially Deaf ...	9
Residential School—Deaf E.S.N.	—
Residential—Blind	2
Residential School—Partially Sighted	—
Residential School—Delicate	3
Residential School—Cerebral Palsy	4
Residential School—Physically Handicapped excluding Cerebral Palsy	11
Residential School—Epileptic	—
Residential School—Maladjusted	2
Total	135

Table IV

B.C.G. Vaccination 13 Years and Older School Children :

No. of children offered testing and vaccination if necessary	2,261
No. of acceptances	2,042
Percentage of acceptance	90.3%

Pre-vaccination Tuberculin Test :

No. tested	1,877
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Result of Test :

No. positive	222
No. negative	1,583
No. not ascertained	177
Percentage positive	11.8%
No. vaccinated	...	...	...	...	...	...	...	...	1,583

Table V

Audiometry :

No. tested	...	...	...	...	...	...	...	...	2,750
No. with no loss	...	...	...	...	...	...	...	...	2,482
No. referred to School Audiology Clinic	...	...	...	...	...	...	...	...	268

Dr. J. D. Orme is Consultant in charge of the Child Guidance team at the clinic which is held each Monday and Friday at Rock House, Swinton. I am grateful to Dr. Orme and his colleagues for their invaluable assistance during the year.

The Division is also fortunate in having the services of Miss M. A. C. Jones, Consultant Ophthalmologist, and Dr. S. K. Bannerjee, to whom all visual defects are referred.

HOSPITAL SERVICES

The hospital services for the area are administered by the United Sheffield Hospitals, Sheffield Regional Hospital Board, with the following hospital management committees; Sheffield No's. 1, 2 and 3, Rotherham, Barnsley and Doncaster.

General hospital services :

- Sheffield Royal Hospital
- Sheffield Royal Infirmary
- Sheffield City General Hospital
- Rotherham Moorgate and Doncaster Gate Hospitals
- Barnsley Beckett and St. Helen Hospitals
- Doncaster Royal Infirmary
- Mexborough Montagu Hospital

Infectious Diseases hospital services :

Kendray Isolation Hospital
Doncaster Tickhill Road Hospital
Sheffield Lodge Moor Hospital

Maternity hospital services :

Sheffield Jessop Hospital
Rotherham Moorgate Hospital
Mexborough Montagu Hospital
Barnsley St. Helen Hospital
Listerdale Maternity Home

Chest Clinics :

Mexborough Chest Clinic—Dr. J. D. Stevens
Rotherham Chest Clinic—Dr. A. C. Morrison

Laboratory Services :

Bacteriological examinations are carried out at the Public Health Laboratories at Wakefield (Director : Dr. L. A. Little) and at Sheffield (Director : Dr. E. H. Gillespie).

**NURSERIES AND CHILD-MINDERS
REGULATION ACT, 1948**

as amended by the
HEALTH SERVICES AND PUBLIC HEALTH ACT, 1968

Premises registered under the Act at the end of the year

Name and Address of Premises	No. of places provided	*Type of care provided		No. of visits of inspection during the year
		All day	Ses-sional	
'Strathmore', Sandygate, Wath-on-Dearne.	30		Yes	9
Central Hall, Thurnscoe.	24		Yes	16
The Youth Centre, Adwick Rd, Mexborough.	25		Yes	10
Rectory B, Rawmarsh.	24		Yes	6
The Youth Centre, Kilnhurst.	24		Yes	6
The Church Hall, Brampton.	24		Yes	6
The Wesley Church Hall, Conisbrough.	20		Yes	6
Baptist Chapel Hall, Conisbrough.	24		Yes	6
The Youth Centre, Festival Road, Wath-on-Dearne.	24		Yes	8
The Methodist Hall, Market Street, Goldthorpe.	24		Yes	6
Red House, Tickhill Street, Denaby.	24		Yes	8
The Methodist Hall, Chapel Street, Wath-on-Dearne.	24		Yes	8
St. Aiders Church Hall, Adwick Road, Mexborough.	24		Yes	4

Child Minders :

11 daily child minders were registered under the Act at the end of 1970. 2 were registered to care for 10 children each on a sessional basis and were inspected on 6 occasions during the year. The remaining 9 looked after a total of 11 children, 1 on a sessional basis and 8 providing all day care. 13 visits of inspection were made to these 9 homes.

Name of Minder	Address	Age of Children	Number of Children	Number of Visits
Miss M. Jones	123 High Street	2-5	10	6
Miss S. Smith	45 Park Lane	2-5	10	6
Miss A. Brown	78 Green Road	2-5	1	1
Miss K. White	210 Blue Hill	2-5	8	1
Miss L. Black	56 Orange Grove	2-5	1	1
Miss P. Grey	89 Yellow Lane	2-5	1	1
Miss Q. Red	134 Purple Way	2-5	1	1
Miss R. Gold	187 Silver Street	2-5	1	1
Miss T. Silver	232 Bronze Road	2-5	1	1
Miss U. Bronze	285 Iron Lane	2-5	1	1
Miss V. Iron	338 Lead Street	2-5	1	1
Miss W. Lead	391 Tin Road	2-5	1	1
Miss X. Tin	444 Copper Lane	2-5	1	1
Miss Y. Copper	497 Nickel Street	2-5	1	1
Miss Z. Nickel	550 Zinc Road	2-5	1	1

SECTION "C"

General Environmental Circumstances of the Area

General District Inspections

The normal routine work of investigation of complaints, with the follow up of notices, further inspections and supervision of work was carried out fully, as the following statistics show :

Complaints investigated	...	...	...	...	67
Water Supply	...	...	...	...	6
Drainage	...	...	...	...	39
Tents, Vans and Sheds	...	...	...	...	133
Factories	...	...	...	...	18
Theatres and Licensed Premises	...	...	...	...	12
Public Cleansing	...	...	...	...	323
Rodent Control	...	...	...	...	19
Atmospheric Pollution	...	...	...	...	514
Schools (including School canteens etc.)	...	...	...	...	10
Shops	...	...	...	...	314
Miscellaneous Sanitary Visits	...	...	...	...	182
Hairdressers	...	...	...	...	15
Enquiries re Infectious Diseases	...	...	...	...	7
Miscellaneous Infectious Disease Visits	...	...	...	...	5
Inspection of Food Premises (see Section "E")	...	...	...	...	806
House Letting	...	...	...	...	495

Service of Notices and Abatement of Nuisances

As a result of the service of 22 informal notices Section 93 of the Public Health Act 1936, the following nuisances were abated in dwelling houses :

Drainage :

Obstructions removed and drainage repaired	...	...	...	...	10
Drains relaid, renewed or extended	...	...	...	...	8
New gullies provided	...	...	...	...	10
Sink waste pipes repaired	...	...	...	...	8
Insanitary sinks replaced	...	...	...	...	2
Insufficient or dilapidated W.C. accommodation	...	...	...	...	8

Repairs to Premises :

Chimneys rebuilt, pointed and chimney pots replaced	3
Roofs repaired	25
External wall repaired and/or pointed	20
Ceiling plaster repaired	20
Wall plaster repaired	26
Defective flues repaired	4
Internal floors repaired or replaced	6
Repairs to stairs, handrails, doors, windows, etc	30
Insufficient and/or defective ventilation ...	—
Re-paved and/or repaired yard surfaces ...	1
Burst water pipes repaired	24
Verminous premises	11
Miscellaneous matters	30

PUBLIC CLEANSING

The collection and disposal of refuse continued under the control of the Chief Public Health Inspector. A labour force of 19 men, including drivers, loaders and tip attendant together with a fleet of five vehicles and a tracked bulldozer were employed for this purpose.

Refuse was collected from the 5,637 dwelling houses, as well as from schools, business and industrial premises, an estimated weight of 6,350 tons being collected. The total cost of collection amounting to £24,008, this was equal to a cost of £3. 15. 9d./£3.78 per ton and £4.38 per house.

Due to increases in wage rates and vehicle running expenses, costs of collection and disposal have risen still further.

Negotiations continued with the appropriate unions with the hope that the revised refuse collection scheme will be in operation in the next financial year.

Waste paper was collected from shops and other business premises and sold to John Rostrons paper mill, the income amounting to £229.

Hairdressers or Barbers

Routine inspections have been made of these premises and it has not been necessary to take any action under the provisions of the Act. Informal or verbal request has usually achieved the objective.

There are 21 premises registered with the Council under Section 120 of the West Riding County Council (General Powers Act, 1951).

Public Swimming Baths, Denaby Main

This is an indoor swimming pool with heated, filtered and chlorinated water; the treatment is continuous. Four samples were submitted to the Public Health Service Laboratory and 2 to the Public Analyst, all of which were satisfactory. During the winter months a floor is put in and the building then used for dancing and indoor sports such as five-a-side football.

Water Supplies

The area is supplied with water by the Doncaster and District Joint Water Board.

The X.L. Crisp Co. Ltd., continued to use water from their private borehole.

Samples of water from both public and private supplies were submitted to the Public Analyst for chemical and bacteriological analysis. These tests showed the town supply to be satisfactory; the private supply apart from excessive hardness, was also satisfactory.

Rodent Control

The Council's policy of providing a free Rodent Control Service was continued, domestic and business premises being treated without charge.

Infestation during the year and relevant inspections were as follows :

Inspections	5,718
Infestations—Rats	170
Infestations—Mice	186
Estimated kill of rats	250
Estimated kill of mice	908

SHOPS AND FACTORIES

Offices, Shops and Railway Premises Act, 1963

Due to inspections made and improvements carried out in previous years, all premises covered by this Act were found to be in a satisfactory condition.

There were 4 accidents reported in these premises during the year.

The number of premises on the register and the numbers inspected are shown in the following table.

Premises	No. on Register	Number of		
		Inspections	Notices Served	Premises Improved
Offices	14	6	—	—
Retail Shops	61	60	—	—
Warehouses	3	2	—	—
Catering Establishments	8	8	—	—
	86	76	—	—

Table I

Factories

Inspections for purpose of provisions to health.

Premises (1)	No. on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(1) Factories in which Secs. 1, 2, 3, 4 and 6 are to be enforced by local authorities ...	5	6	—	—
(2) Factories not included in (1) in which Section 7 is enforced by the local authority	23	20	—	—
(3) Other premises in which Sec. 7 is enforced by the local authority (excluding outworkers premises)	—	—	—	—
TOTAL ...	28	26	—	—

Atmospheric Pollution

The Council continued to take part in the National Survey of Atmospheric Pollution organised by the Department of Scientific and Industrial Research. For this purpose two daily volumetric sampling machines are in use, one at The Priory and one at Denaby Clinic.

The results of these readings are shown in the tables and charts shown on subsequent pages.

Scrap Metal Dealers Act, 1964

This legislation requires all persons dealing in scrap metal to be registered by the Local Authority.

There are 10 such registered dealers in the Urban District. Not all of these have scrap yards, they mainly collect and sell to a large dealer, not themselves storing the scrap metal on their own premises.

STANDARD DEPOSIT GAUGE

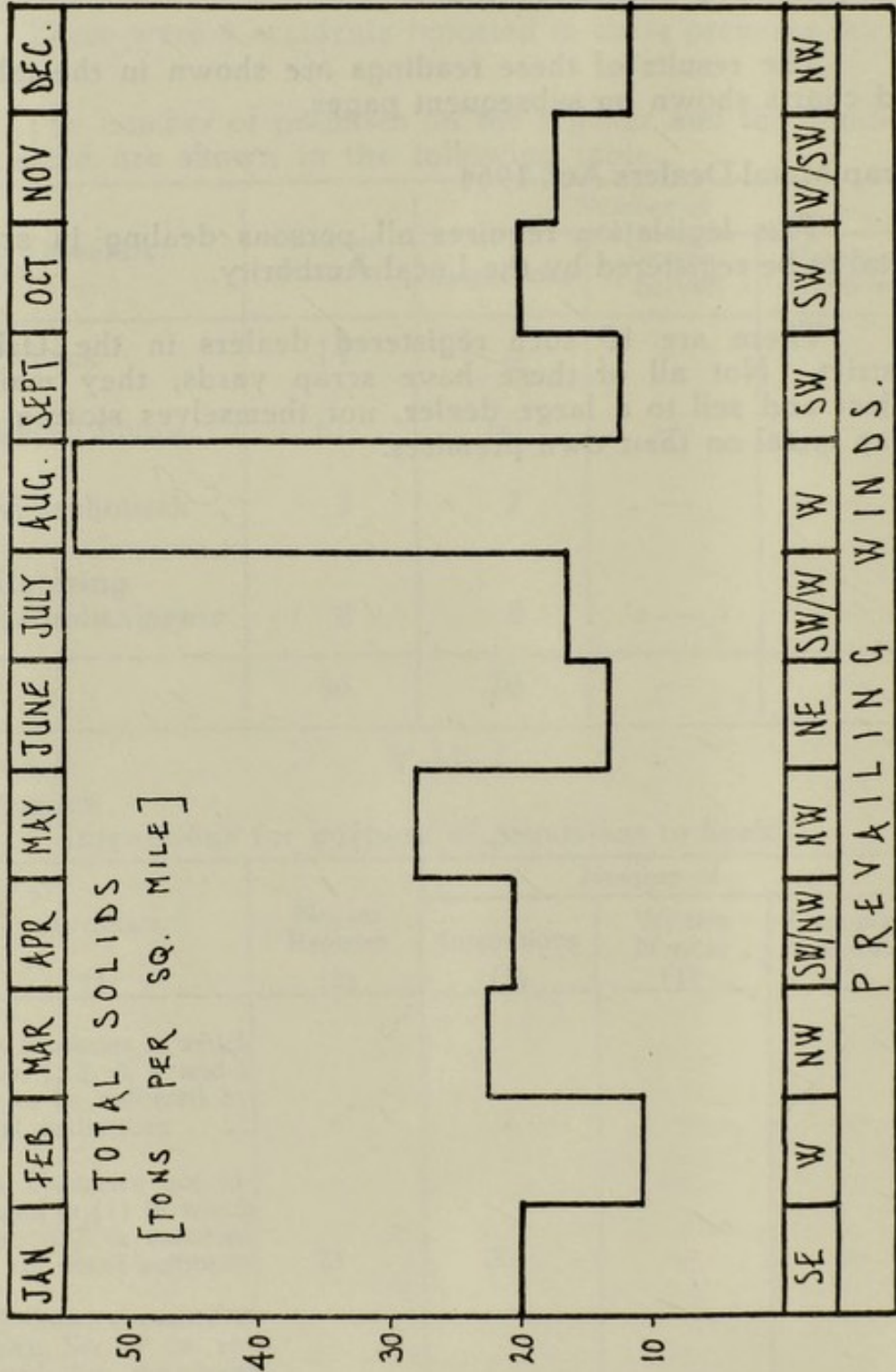
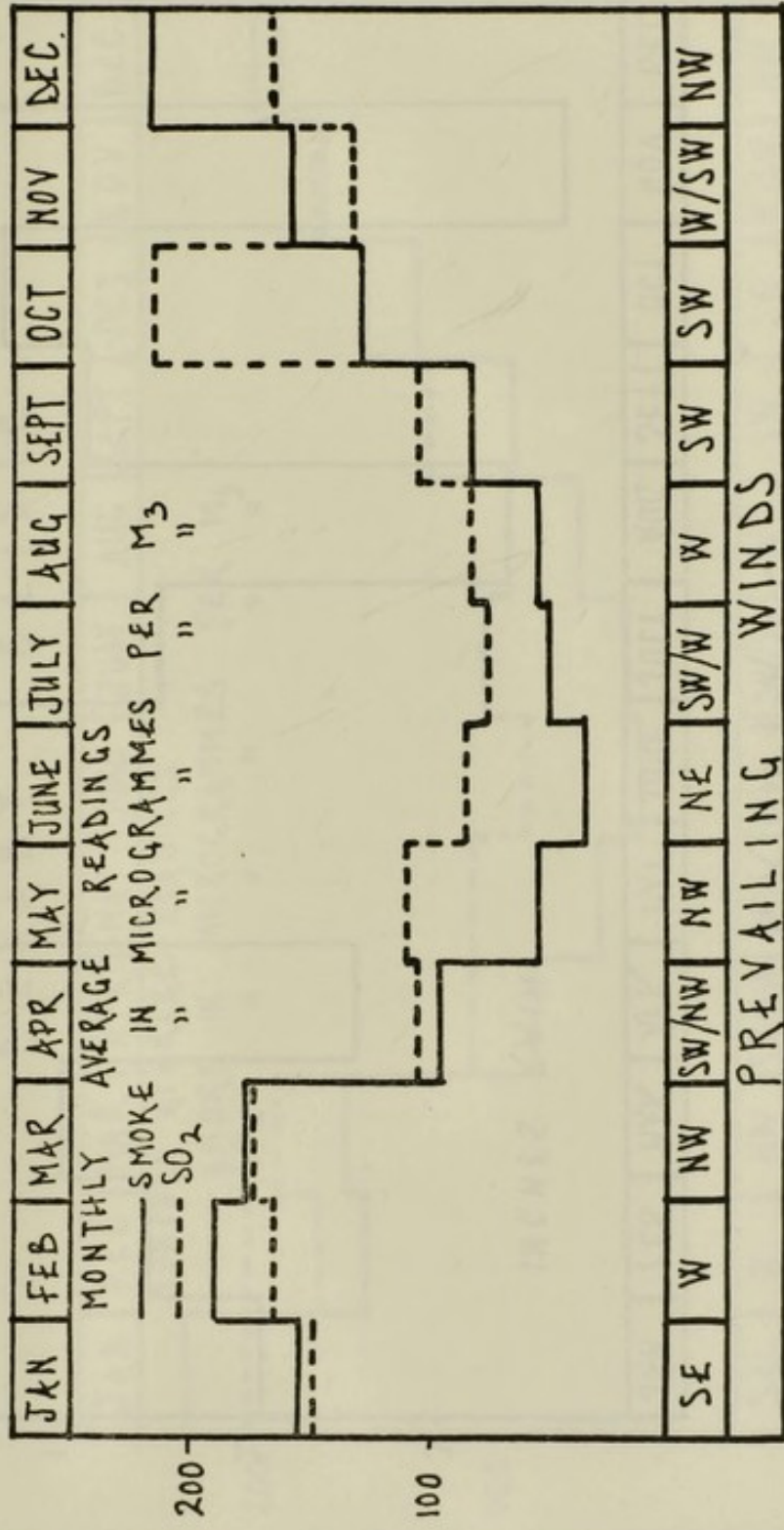


TABLE A.P. I
 VOLUMETRIC APPARATUS
 THE PRIORITY.



RAINFALL

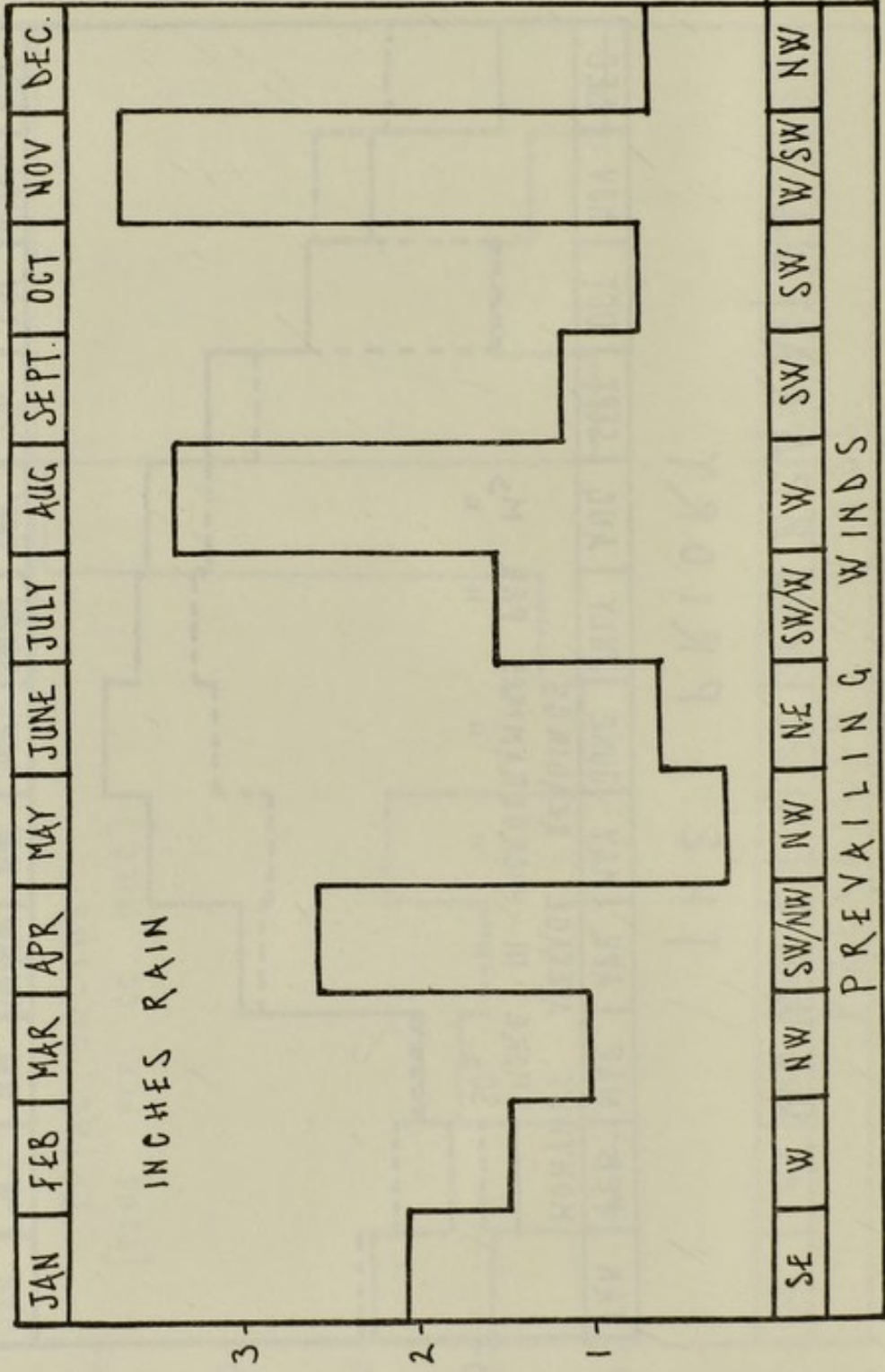
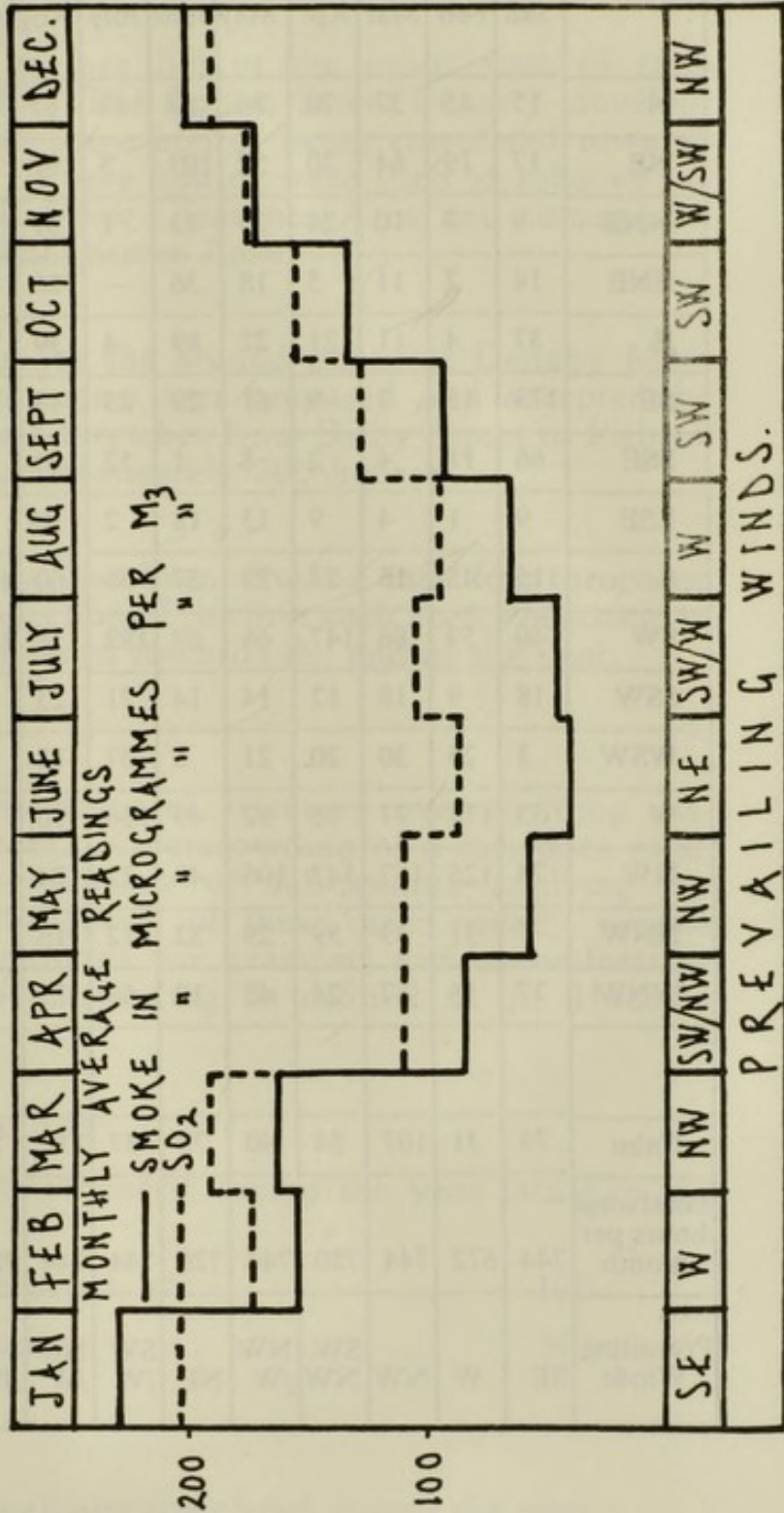


TABLE A.P. 2
 VOLUMETRIC APPARATUS
 DENABY CLINIC.



Wind Direction 1970 (stated in hours)

	Jan	Feb	Mar	Apl	May	June	July	Aug	Sept	Oct	Nov	Dec	Totals
N	15	45	37	70	86	58	18	67	5	17	12	61	491
NE	17	19	64	20	52	103	3	91	5	15	18	50	457
NNE	9	7	10	24	39	13	1	31	—	4	6	16	160
ENE	14	2	11	5	18	36	—	26	2	3	3	4	124
E	37	4	11	21	22	89	4	39	17	9	20	21	294
SE	173	15	3	9	61	29	23	43	65	26	97	27	571
SSE	66	11	4	2	8	1	12	10	37	19	30	20	220
ESE	9	1	4	9	13	18	2	10	4	15	19	8	112
S	115	45	15	27	29	57	56	60	107	46	85	67	709
SW	40	59	86	147	66	69	192	58	141	133	106	93	1190
SSW	18	9	18	12	14	14	21	23	40	48	31	32	280
WSW	3	25	30	20	21	6	37	12	19	25	18	13	229
W	33	178	77	75	97	49	186	90	84	107	100	65	1141
NW	75	125	167	142	106	49	72	24	62	107	74	118	1121
NNW	7	31	33	59	29	32	12	16	10	26	14	61	330
WNW	37	55	67	24	43	19	68	27	42	49	48	32	511
Calm	76	31	107	54	40	78	37	117	80	95	39	56	810
Total wind hours per month	744	672	744	720	744	720	744	744	720	744	720	744	8760
Prevailing Winds	SE	W	NW	SW NW	NW /W	NE	SW /W	NE /W	SW	SW	SW /W	NW	

SECTION "D"

HOUSING IN THE AREA

There was a further lull in the programme of slum clearance during 1970. The Bolton Street Phase 1 development was commenced, some houses being completed towards the end of the year. These houses were used to rehouse the remainder of the Cliff View Clearance Area and commenced the rehousing of Tickhill Street Area.

A revised plan for the second phase of Denaby Main Slum Clearance Programme was prepared and accepted by the Council. This area stretches from Balby Street to Firbeck Street and contains approximately 700 houses.

The whole area has been divided into four proposed clearance areas. Inspection of the first such area, consisting of 170 houses was commenced towards the end of the year.

Overcrowding

There were no cases of statutory overcrowding discovered during the year. Overcrowding of a sort does exist, as evidenced by the number of sub-tenants applying for council houses. Investigation of these cases usually reveals that while living conditions are cramped and uncomfortable for all concerned, overcrowding as defined in the Housing Acts does not exist.

See tables A and B

No. of families rehoused during the year into Council Owned dwellings :

(a) Clearance areas, etc.	...	...	106
(b) Overcrowding	...	...	Nil

New Dwellings

No. of new dwellings completed during the year :

By the Local Authority	...	...	31
By Private Enterprise	...	...	12

HOUSES DEMOLISHED DURING THE YEAR	A.	Section 42 of the Housing Act 1957 In Clearance Areas declared under	<p>Number of Houses Demolished:</p> <p>(a) Unfit for human habitation 3</p> <p>(b) Included by reason of bad arrangement —</p> <p>(c) On land acquired under Section 43(2) H.A.1957 —</p> <hr/> <p>Persons Displaced during the Year:</p> <p>(a) From houses unfit for human habitation —</p> <p>(b) From houses included by reason of bad arrangement —</p> <p>(c) From houses on land acquired under Section 43(a) Housing Act 1957 —</p> <hr/> <p>Families Displaced during the year:</p> <p>(a) From houses unfit for human habitation —</p> <p>(b) From houses included by reason of bad arrangement —</p> <p>(c) From houses on land acquired under Section 43(2) Housing Act 1957 —</p>
	NOT IN CLEARANCE AREAS	<p>Number of Houses Demolished:</p> <p>(a) As a result of formal or informal procedure under Section 16 or Section 17(1) Housing Act 1957..... —</p> <p>(b) Local Authority owned houses certified unfit by the Medical Officer of Health..... —</p> <p>(c) Houses unfit for human habitation where action has been taken under local Acts..... —</p> <p>(d) Houses included in unfitness orders made under para. 2 of the Second Schedule to the Town and Country Planning Act 1959 —</p> <hr/> <p>Persons Displaced during the Year:</p> <p>(a) From houses to be demolished as a result of formal or informal procedure under Section 16 or Section 17(1) Housing Act 1957 —</p> <p>(b) From local authority owned houses certified unfit by the Medical Officer of Health —</p> <p>(c) From houses unfit for human habitation where action has been taken under local Acts..... —</p> <p>(d) From houses included in unfitness orders —</p>	
		Number of dwellings included above which were previously reported as closed —	

B. UNFIT HOUSES CLOSED during the year in pursuance of Closing Orders or Undertakings	Number of Houses:			
	(a)	Under Sections 16 (4), 17(1) and 35 (1) Housing Act 1957 and Section 26 Housing Act 1961.....	—	
	(b)	Under Sections 17 (3) and 26 Housing Act 1957	—	
	Persons Displaced during the Year:			
	(a)	Under Sections 16(4), 17(1) and 35 (1) Housing Act 1957 and Section 26 Housing Act 1961.....	—	
	(b)	Under Sections 17 (3) and 26 Housing Act 1957	—	
Families Displaced during the Year:				
(a)	From Houses to be closed: Under Sections 16(4), 17(1), and 35(1) Housing Act 1957 and Section 26, Housing Act 1961.....	—		
	Under Sections 17(3) and 26 Housing Act 1957.....	—		
PARTS OF BUILDINGS CLOSED under Section 18, Housing Act 1957:				
	Number of Houses	—		
	Number of Persons Displaced	—		
	Number of Families Displaced	—		
C. Unfit Houses made fit and houses in which defects were remedied	After informal action by local authority:	By owner	26	
	After formal notice under Public Health Acts	(a) By owner	—	
		(b) By local Auth.	—	
	After formal notice under Sec. 9 and 16 Housing Act 1957	(a) By Owner	—	
		(b) By local Auth. By Owner	—	
D. UNFIT HOUSES IN TEMPORARY USE (Housing Act 1957)	POSITION AT END OF YEAR	Retained for Temporary Accommodation	Under Sec. 48	
			Number of houses	—
			Number of separate dwellings contained therein	—
		Under Sec. 17(2)		
		Number of houses	—	
Number of separate dwellings contained therein	—			
Under Sec. 46				
Number of houses	—			
Number of separate dwellings contained therein	—			
	Licenced for temporary accomodation under Section 34 or 53			
	Number of houses	—		
E. Purchase of Houses by Agreement	Houses in clearance areas other than those included in confirmed orders or compulsory purchase orders:			
		Number of houses	—	
		Number of occupants	—	

Grants for Conversion or Improvement of Housing Accommodation

	Formal applications received during the year	Applications approved during the year	Number of Improvements completed during the year
	Number of dwellings	Number of dwellings	
(a) Conversions (The number of dwellings is the number resulting from completion of the work)	Nil	Nil	Nil
(b) Improvements	32	33	17

Details of advances for the purpose of acquiring or constructing houses—

16 advances were made for the purpose of acquiring houses.

SECTION "E"

INSPECTION AND SUPERVISION OF FOOD

Food Hygiene Regulations 1960

Inspections were made of various premises where food is handled either in its raw state or as a finished product available to the public. In the majority of inspections no transgression of the provisions of the Food and Drugs Act or the Food Hygiene Regulations was found; informal action was necessary to rectify some matter with regard to the latter regulations.

Inspections made regarding food, and food premises were as follows :

Inspection of Slaughtering and Slaughterhouses	50
Meat Inspections	99
Butchers' Shops	104
Canteens	14
Dairies and Milk Distributors	3

Fishmongers	...	...	...	...	...	...	50
Food Preparing Premises	...	...	...	...	...	...	100
Grocers	...	...	...	...	...	...	75
Greengrocers	...	...	...	...	...	...	25
Ice Cream Premises	...	...	...	...	...	...	30
Market Stalls	...	...	...	...	...	...	187
Street Vendors' and Hawkers' Carts	...	...	...	...	...	...	25
Miscellaneous Food Visits	...	...	...	...	...	...	40
Suspected food poisoning investigation enquiries	...	...	...	...	...	...	8

Food Inspection

The following food was surrendered for disposal during the year :

- 371 packages of frozen foods
- 12 lb. corned beef
- 187 lbs. cooked ham
- 10 cwt. 37 lbs. bacon
- 1 cwt. 20 lbs. meat

Bacteriological Sampling

Four samples of ice cream were submitted to the Public Health Laboratory for bacteriological examination, all were found satisfactory; two being placed in Grade 1 and two in Grade II.

Registration of Food Premises

Retailers of : Ice Cream	...	...	...	...	49
Retailers of : Sausaged and Prepared Food	...	...	...	...	8

Registration of Food Hawkers and their Premises under Section 76 of the West Riding County Council (General Powers) Act 1951 :

There are 22 registered as food hawkers within the district and 17 who have premises outside the district (1970).

Public Markets

The inspection of the privately owned market at Denaby Main has resulted in a high standard being obtained from premises used for sale of food and during the last twelve months no trouble was experienced from this source.

Meat Inspection

The slaughterhouse, modernised in 1963, owned and occupied by Mr. G. Goodwin, a local butcher, continued to be used during the year. Mr. Goodwin is to be congratulated on the high standard of hygiene he adopts.

Details of the animals slaughtered and inspected during the year are contained in the following table.

	Cattle ex- clud- ing Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	221	—	—	512	—	—
Number inspected	221	—	—	512	—	—
All diseases except Tuberculosis and Cysticerci Whole carcasses condemned	—	—	—	—	—	—
Carcases of which some part or organ was condemned	28	—	—	7	—	—
Percentage of the number inspected, affected with dis- ease other than Tuberculosis and Cysticerci	12·6%	—	—	1·4%	—	—
Tuberculosis only:—						
Whole carcasses condemned	—	—	—	—	—	—
Carcases of which some part or organ was condemned	—	—	—	—	—	—
Percentage of the Number inspected, affected with tuber- culosis	—	—	—	—	—	—
Cysticercosis:—						
Carcase of which some part or organ was condemned	—	—	—	—	—	—
Carcase submitted to treatment by refrigeration	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

SECTION "F"

PREVENTION AND CONTROL OVER INFECTIOUS AND OTHER DISEASES — 1970

Conisbrough Urban District Council

Infectious Diseases (Corrected) Age Distribution

Diseases	Total Cases Notified	Cases after Correction	Age Distribution													
			Under 1 yr.	1 —	2 —	3 —	4 —	5 — 9	10 — 14	15 — 24	25 — 44	45 — 64	65 and Over			
Measles	145	145	6	19	19	15	25	59	2	—	—	—	—	—	—	—
Scarlet Fever	2	2	—	1	—	—	—	1	—	—	—	—	—	—	—	—
Infective Hepatitis	2	2	—	—	—	—	1	1	—	—	—	—	—	—	—	—
Whooping Cough	1	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—
TOTALS	150	150	6	20	19	15	26	62	2	—	—	—	—	—	—	—

TUBERCULOSIS

No. on Register at 31st December, 1970

		Males	Females	Total
Pulmonary	... ..	62	28	90
Non-Pulmonary	... ..	8	7	15
		70	35	105

No. Removed from Register during 1970

		Pulmonary		Non-Pulmonary		
		M.	F.	M.	F.	Total
Deaths	... ..	1	—	—	—	1
Others (cured, re-diagnosed, transfers of area, etc.)	... ..	2	3	—	—	5
		3	3	—	—	6

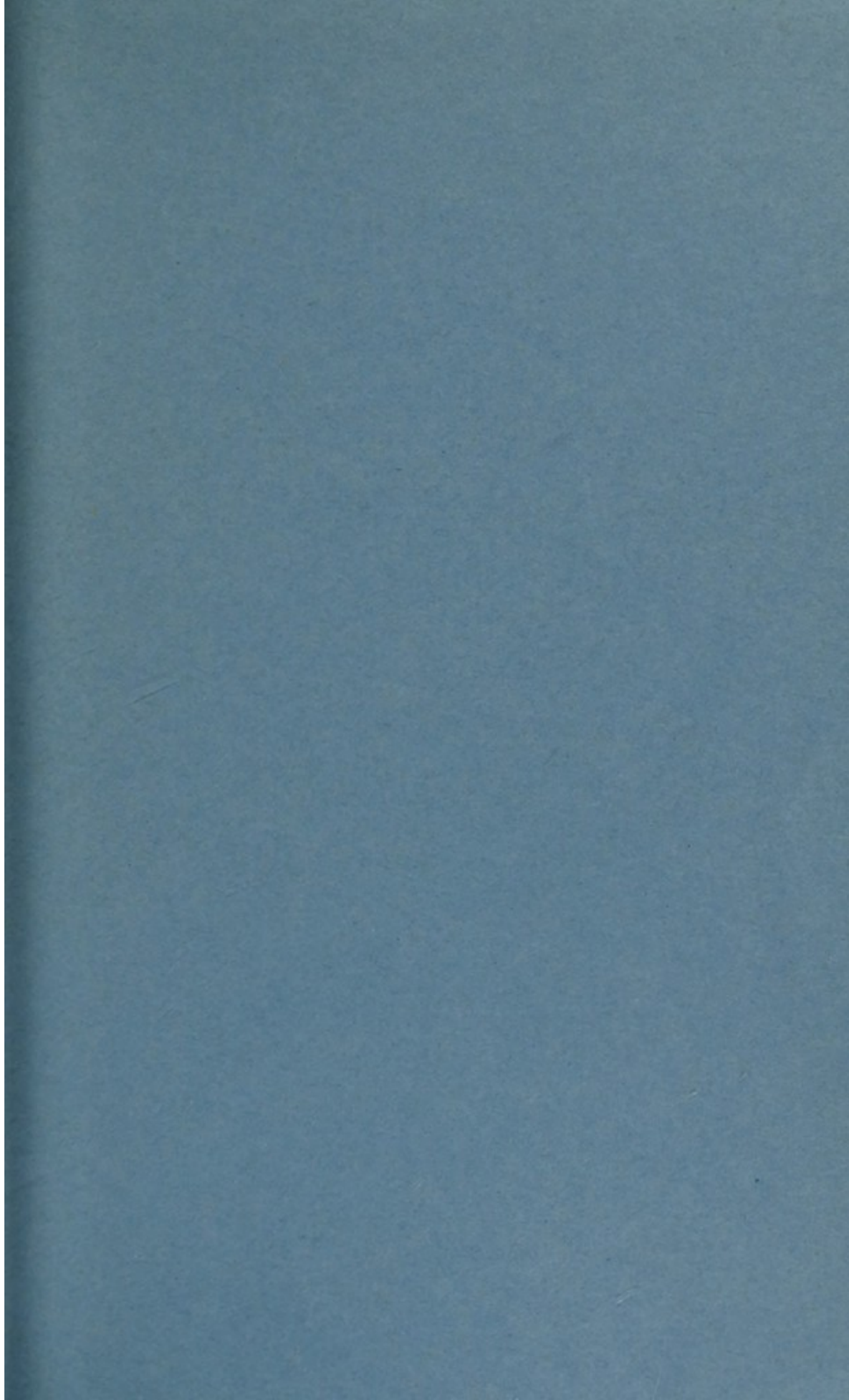
Additions to Register during 1970

		Pulmonary		Non-Pulmonary		
		M.	F.	M.	F.	Total
New Notifications	... ..	1	2	—	—	3
Others (cases restored to Register transfers, etc.)	... ..	—	—	—	—	—
		1	2	—	—	3

New Notifications

Age Groups :

		Pulmonary		Non-Pulmonary		
		M.	F.	M.	F.	Total
15 - 24 years	—	1	—	—	1
25 - 44 years	—	1	—	—	1
65+ years	1	—	—	—	1
		1	2	—	—	3



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