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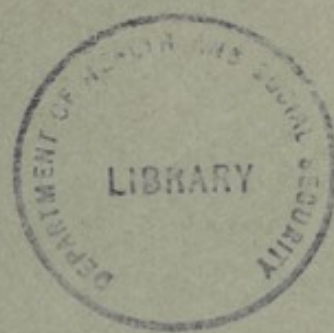
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11



BOROUGH OF HARROGATE

ANNUAL REPORT

OF THE

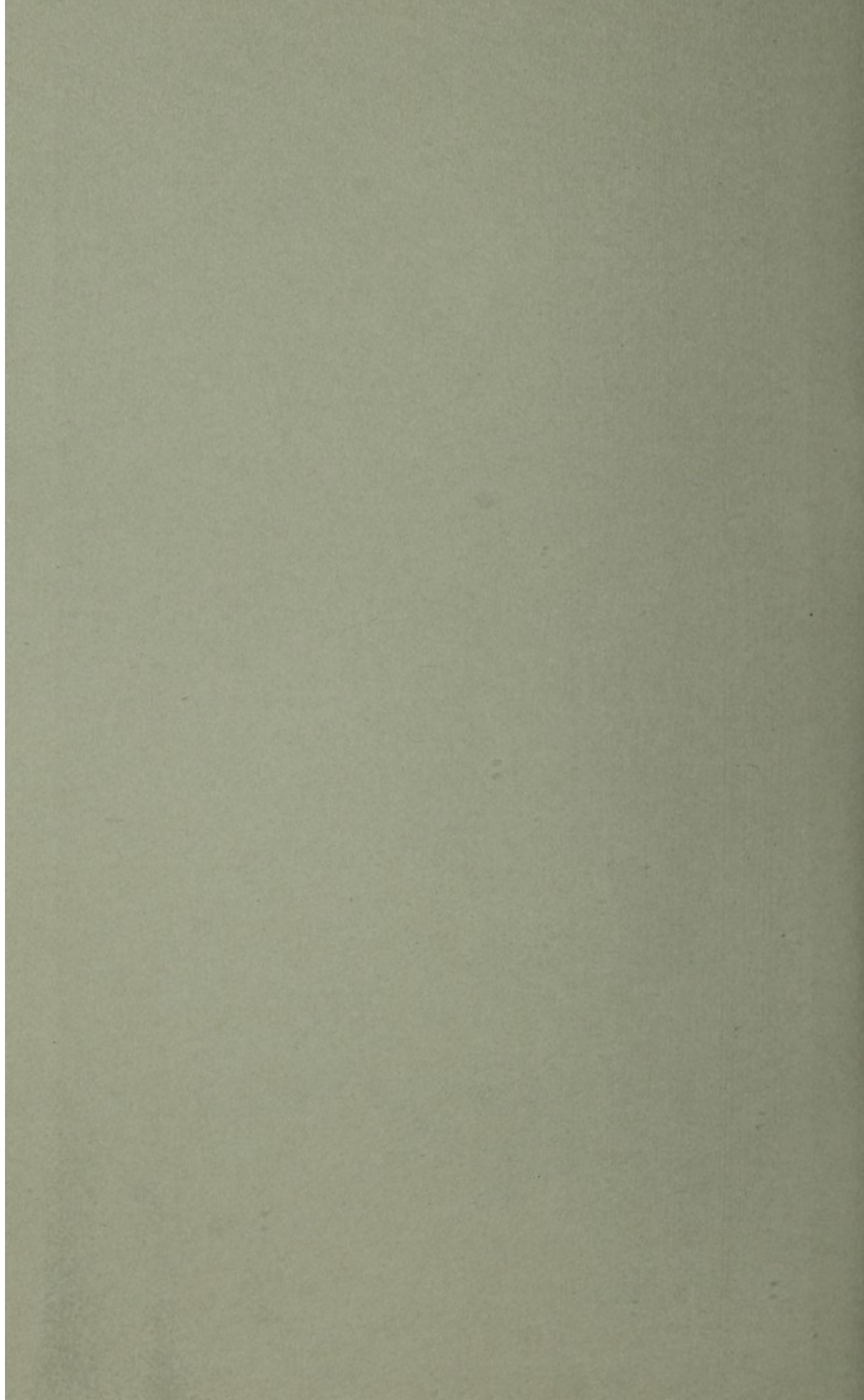
MEDICAL OFFICER OF HEALTH

AND

CHIEF PUBLIC HEALTH INSPECTOR

For the Year

1971





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THE HOUSING AND HEALTH COMMITTEE

as at 31.12.71

Chairman: Councillor F. A. ROTHERHAM

Vice-Chairman: Councillor Mrs. P. B. HUNT

Ald. F. W. ALLUM

Coun. Mrs. J. MORLEY

„ Miss G. A. STEPNEY

„ B. G. ROBERTS

Coun. Miss J. BINNS

„ F. A. ROTHERHAM

„ G. HORNER

„ Mrs. K. M. WHITELEY

„ Mrs. P. B. HUNT

Ex-officio Members

THE MAYOR (Councillor R. G. Welch)

Chairman of Finance Committee: Alderman H. S. HITCHEN)

HEALTH SUB-COMMITTEE

Chairman: Councillor Mrs. J. MORLEY

Ald. F. W. ALLUM

Coun. F. A. ROTHERHAM

Coun. Mrs. J. MORLEY

„ Mrs. K. M. WHITELEY

„ G. HORNER

Telephone Number
Harrogate 68954

Public Health Department,
Municipal Offices,
Harrogate.

To the Mayor, Aldermen and Councillors of the
Borough of Harrogate.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present for your consideration the Annual Report on the health services of the area and the work of your public health department during 1971.

The number of births have decreased and the birth rate is now at its lowest since the mid fifties.

The commonest cause of death is now ischaemic heart disease and the prevention of this is undoubtedly one of the major problems of preventive medicine which we have to face in the future.

The Medical Officer of Health will cease to be part of the local government scene in 1974, after a span of 127 years and the rather vague figure of the Community Physician who will replace him is beginning to clarify with the publication of the Hunter Report.

One thing which is clear is that the new local authorities and their officers will continue to need medical advice on various aspects of their work, and a continued close liaison with the Community Physician and his colleagues will be essential to the efficiency both of preventive medicine and environmental health. The machinery to bring this about will no doubt be worked out before the new local authorities commence operations.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

N. V. HEPPLER,

Medical Officer of Health.

PUBLIC HEALTH STAFF

as at 31.12.71

Medical Officer of Health and Divisional Medical Officer

N. V. Hepple, M.D., B.S., B.Hy., D.P.H.

Deputy Medical Officer of Health and Senior Departmental Medical Officer

Isobel B. Alexander, M.B., Ch.B., D.P.H.

Chief Public Health Inspector and Cleansing Superintendent

K. PARKER, M.A.P.H.I., M.Inst.P.C., M.R.S.H. * ‡

Senior Public Health Inspector

F. Coe, A.R.S.H., Cert.S.I.B., A.M.Inst.P.C. * †

Public Health Inspectors

A. Howard, M.R.S.H., Cert. S.I.B., A.I.P.E. * ‡

E. C. Coop, M.A.P.H.I., Cert. S.I.B. *

R. Routh, M.A.P.H.I., Cert. S.I.B. * ‡

L. Crelling, M.A.P.H.I., A.R.S.H., Dip., P.H.I.E.B., D.M.A.

Student Public Health Inspector

J. Skillin

Public Analyst

Fred W. M. Jaffé, B.Sc., F.R.I.C.

Clerical Staff

(also Clerical Staff of Division No. 7 (Harrogate) under the scheme of Divisional Administration of the Preventive Medical Services)

Divisional Administrative Officer 1

Senior Clerk 1

Clerical Staff 15

Public Health and Cleansing Departments Clerical Staff

D. Hodgson (Senior Clerk) Mrs. J. A. Dalby

Miss M. M. Atkinson Mrs. B. Cockrem

Mrs. R. M. Jervis

* Certificate of the Royal Sanitary Institute as Meat and Other Foods Inspector.

† Certificate of the Royal Sanitary Institute in Sanitary Science as applied to Buildings and Public Works.

‡ Certificate of the Royal Sanitary Institute as Smoke Inspector.

STATISTICS

Registrar General's estimate of population (mid 1971) ..	63,470
Area (in acres)	8,320
Number of inhabited houses, March 31st, 1971 ..	22,876
Rateable Value, March 31st, 1971	£2,787,239
Sum represented by a penny rate, March 31st, 1971 ..	£10,937

SOCIAL CONDITIONS OF THE AREA

Harrogate is an expanding town which depends largely on catering for large numbers of holiday and conference visitors through the hotel and catering trades. It also contains research establishments for the artificial fibres and tobacco industries, and for the manufacture of rubber. There is an increasing number of administrative departments of all types, and the town is the shopping centre for a large rural area, and for residents from other towns.

Juvenile unemployment was minimal, and at the end of the year, there were 648 men and 135 women registered as unemployed at the local exchange which also covers Knaresborough and adjacent areas. The unemployment percentage figure was 2.8 which was below the national average of 4.0.

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR 1971

Live Births:	<i>Male</i>	<i>Female</i>	<i>Total</i>
Legitimate	403	353	756
Illegitimate	35	40	75
Total	438	393	831
Crude birth rate per 1,000 population			13.1
Adjusted birth rate			13.9
Area Comparability Factor			1.06
Still births:	<i>Male</i>	<i>Female</i>	<i>Total</i>
Legitimate	3	2	5
Illegitimate	2	—	2
Still birth rate per 1,000 total (live and still) births			8.4
Deaths	<i>Male</i>	<i>Female</i>	<i>Total</i>
.. .. .	385	445	830
Crude death rate per 1,000 population			13.1
Adjusted death rate			10.5
Area Comparability Factor			0.80

Maternal Mortality:

There were no maternal deaths in Harrogate during 1971.

Infant Mortality:

	Male	Female	Total
Legitimate	2	5	7
Illegitimate	2	1	3

Death Rate of infants under 1 year of age:

All infants per 1,000 live births	12.0
Legitimate infants per 1,000 legitimate births	9.3
Illegitimate infants per 1,000 illegitimate births	40.0

NOTES ON VITAL STATISTICS

Births

The birth rate of 13.9 was slightly lower than in 1970. The rate for England and Wales was 16.0.

Deaths

The death rate of 10.5 was lower than in the previous year and compared favourably with the national rate of 11.6.

The principal causes of death were:

Heart diseases (excepting Ischaemic heart disease)	57
Ischaemic heart disease	213
Cerebrovascular disease	149
Malignant neoplasms, Leukaemia, including neoplasms of lymphatic and haematopoietic tissue	165
Pneumonia, bronchitis, emphysema and asthma	54

These conditions together were responsible for more than three-quarters of the deaths.

Natural Increase of Population

The number of births exceeded the number of deaths by 1.

Infant Mortality

10 children under one year of age died during the year, giving an infantile mortality rate of 12.0 per 1,000 live births, as compared with 18.3 for the previous year and 17.5 for England and Wales.

Deaths from stated Causes at Various Ages under One Year of Age:

Cause of Death	1970	1971									
		Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	4 wks. & under 3 mths.	3 and under 6 months	6 and under 9 months	9 and under 12 months	Total Deaths under 1 yr.
Prematurity	2	-	-	-	-	-	-	-	-	-	-
Pneumonia	4	1	-	-	-	1	1	-	-	1	3
Bronchitis	-	-	-	-	-	-	-	-	-	-	-
Respiratory Distress Syndrome	2	4	-	-	-	4	-	-	-	-	4
Congenital Abnormalities ..	3	1	-	-	-	1	-	-	-	-	1
Injury at Birth	2	1	-	-	-	1	-	-	-	-	1
Asphyxia due to inhalation of food particles	1	-	-	-	-	-	-	-	-	-	-
Cot death due to suffocation	1	-	-	-	-	-	-	-	-	-	-
Other Causes	1	-	-	-	-	-	-	-	1	-	1
Totals ..	16	7	-	-	-	7	1	-	1	1	10

Cremations

During 1971 there were 949 cremations at the Stonefall Crematorium of whom 552 had been Harrogate residents.

Causes of Death.
Registrar-General's Return, 1970

Cause		Male	Female	Total
1	Cholera	—	—	—
2	Typhoid fever	—	—	—
3	Bacillary dysentery and amoebiasis ..	—	—	—
4	Enteritis and other diarrhoeal diseases ..	—	—	—
5	Tuberculosis of respiratory system ..	—	—	—
6	Other tuberculosis, including late effects..	1	—	1
7	Plague	—	—	—
8	Diphtheria	—	—	—
9	Whooping cough	—	—	—
10	Streptococcal sore throat and scarlet fever	—	—	—
11	Meningococcal infection	—	—	—
12	Acute poliomyelitis	—	—	—
13	Smallpox	—	—	—
14	Measles	—	—	—
15	Typhus and other rickettsioses	—	—	—
16	Malaria	—	—	—
17	Syphilis and its sequelae	—	—	—
18	All other infective and parasitic diseases	—	1	1
19	Malignant neoplasms, Leukaemia, including neoplasms of lymphatic and haematopoietic tissue	90	75	165
20	Benign neoplasms and neoplasms of unspecified nature	—	—	—
21	Diabetes mellitus	3	4	7
22	Avitaminoses and other nutritional deficiency	—	—	—
23	Anaemias	3	1	4
24	Meningitis	1	—	1
25	Active rheumatic fever	—	—	—
26	Chronic rheumatic heart disease	5	3	8
27	Hypertensive disease	4	5	9
28	Ischaemic heart disease	111	102	213
29	Other forms of heart disease	15	25	40
30	Cerebrovascular disease	57	92	149
31	Influenza	—	1	1
32	Pneumonia	13	20	33
33	Bronchitis, emphysema and asthma	13	8	21
34	Peptic ulcer	2	1	3
35	Appendicitis	—	—	—
36	Intestinal obstruction and hernia	1	3	4
37	Cirrhosis of liver	1	1	2
38	Nephritis and nephrosis	—	3	3
39	Hyperplasia of prostate	3	—	3
40	Abortion	—	—	—
41	Other complications of pregnancy, childbirth and puerperium	—	—	—
42	Congenital abnormalities	3	1	4
43	Birth injury, difficult labour and other anoxic and hypoxic conditions	2	1	3
44	Other causes of perinatal mortality	—	—	—
45	Symptoms and ill-defined conditions	—	11	11
46	All other diseases	27	67	94
47	Motor vehicle accidents	8	1	9
48	All other accidents	9	16	25
49	Suicide and self-inflicted injuries	11	3	14
50	All other external causes	2	—	2
Total		385	445	830

VITAL STATISTICS OF HARROGATE FOR 1971 AND PREVIOUS YEARS

Year	Estimated Population	Live Births		Deaths			
				Under 1 year of age		At all ages	
		No.	Rate	No.	Rate per 1,000 live Births	No.	Rate
1935	39,270	457	11.6	28	61.2	544	13.8
1936	39,210	460	11.7	30	65.2	550	14.0
1937	39,110	470	12.0	24	51.1	559	14.3
1938	42,885	514	12.0	52	48.6	647	15.1
1939	46,020	579	12.6	25	43.0	646	14.0
1940	52,200	583	11.2	35	59.2	737	14.1
1941	54,790	594	10.8	30	48.6	706	12.9
1942	52,180	724	13.9	27	37.3	654	12.5
1943	50,180	625	12.5	22	35.2	702	14.0
1944	49,740	736	14.8	20	27.2	676	13.6
1945	48,730	679	13.9	25	36.8	682	13.9
1946	49,300	818	16.6	24	29.3	684	13.9
1947	49,660	906	18.2	32	35.3	724	14.6
1948	52,300	795	15.2	18	22.6	665	12.7
1949	51,930	690	13.3	25	36.0	771	12.5
1950	51,920	649	11.9	33	51.0	776	12.4
1951	51,210	663	12.3	19	28.7	774	12.5
1952	51,050	667	12.4	13	19.5	720	11.7
1953	51,290	678	12.6	18	26.5	609	9.9
1954	51,690	621	12.6	7	11.3	695	10.1
1955	51,710	620	12.6	16	25.8	706	10.0
1956	51,930	731	14.8	17	23.3	733	11.4
1957	52,220	758	15.1	18	23.7	720	11.0
1958	52,420	782	15.5	19	24.3	784	12.1
1959	52,890	773	15.2	20	25.9	712	10.8
1960	53,720	821	15.9	12	14.6	712	10.6
1961	56,350	902	16.0	21	23.3	782	12.1
1962	56,790	884	15.6	17	19.2	740	11.3
1963	57,480	946	17.4	12	12.7	755	10.8
1964	58,230	967	17.6	17	17.6	773	10.9
1965	59,420	931	16.6	19	20.4	806	11.1
1966	60,090	922	16.3	12	13.0	804	11.0
1967	60,720	958	16.7	14	14.6	699	9.3
1968	62,200	937	16.0	16	17.1	890	11.6
1969	62,680	839	14.2	7	8.3	857	10.9
1970	62,810	876	14.7	16	18.3	859	10.9
1971	63,470	831	13.9	10	12.0	830	10.5

The deaths from the year 1949 have been adjusted by an Area Comparability factor supplied by the Registrar General and the births have been similarly adjusted since 1950. These factors are 0.80 and 1.06 respectively.

GENERAL PROVISION OF HEALTH SERVICES

IN THE AREA

LABORATORY FACILITIES

(a) Chemical

The chemical analysis of milk, foodstuffs, spring and well water is carried out by Messrs. Richardson and Jaffé, Bradford. The chemical analysis of the public water supply is carried out for the Claro Water Board by Messrs. T. Fairley & Partner, Leeds.

(b) Bacteriological

Samples of milk and other foodstuffs, including ice-cream, are taken for bacteriological examination to the Public Health Laboratory at Seacroft Hospital, Leeds, and this laboratory also undertakes the bacteriological examination of the public water supply for the Claro Water Board.

Any special investigation into outbreaks of infection and the isolation and typing of virus is undertaken by the Public Health Laboratory at Seacroft. The routine bacteriological examination of clinical material such as throat swabs is done at the laboratory of the Harrogate General Hospital.

REMOVAL TO SUITABLE PREMISES OF PERSONS IN
NEED OF CARE AND ATTENTION

It was necessary to take action under Section 47 of the National Assistance Act, 1948, on two occasions during the year.

Both times it was in respect of very elderly women living in Harrogate who were no longer able to look after themselves and who were admitted to the Harrogate General Hospital.

**HEALTH SERVICES PROVIDED BY THE COUNTY
COUNCIL**

REPORT OF DIVISIONAL MEDICAL OFFICER FOR 1971

DIVISION No. 7

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3. School Health Service
4. Speech Therapy
5. Cardiac Clinic
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7. Care of Mothers and Young Children
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12. Prevention, Care and After-Care of Tuberculosis
13. Cervical Cytology
14. Chiropody
15. Registration of Nursing Homes
16. Registration of Old People's Homes
17. Medical Examination of Staff, etc.
18. Health Education

1. POPULATION

The estimated populations of the areas are as follows:—

Harrogate Borough	63,470
Ripon City	11,800
Knarborough Urban District ..	11,700
Nidderdale Rural District	17,730
Ripon and Pateley Bridge Rural District	13,580
Total	118,280

2. DIVISIONAL STAFF

Medical Officers:

N. V. Hepple, M.D., B.S., B.Hy., D.P.H., Divisional Medical Officer.

Isobel B. Alexander, M.B., Ch.B., D.P.H., Senior Departmental Medical Officer.

Mary Polson, B.Sc., M.B., Ch.B., D.Obst., R.C.O.G., Senior Departmental Medical Officer.

A. W. I. Hall, M.B., B.Chir., Departmental Medical Officer.

Margaret Briggs, M.B., Ch.B., Departmental Medical Officer.

*P. C. N. Clarke, M.R.C.P., D.C.H., Paediatrician.

*P. A. I. MacLeod, M.B., Ch.B., F.R.F.P.S., Orthopaedic Surgeon.

*Rosemary Hawe, M.B., Ch.B., B.A.O., D.O., Ophthalmologist.

*W. S. Suffern, M.D., M.R.C.P., Cardiologist.

*Elizabeth Gore, M.D., D.P.M., Consultant Psychiatrist, Child Guidance Clinic.

Anastasia Holroyd, M.A., M.B., B.S.	} Clinic doctors working on a sessional basis
Katherine H. Odling-Smee, M.B., Ch.B.	
Marjorie Parsons, M.B., Ch.B.	
Isobel Critchley, M.B., Ch.B.	
Margaret E. Manning, M.B., Ch.B.	

**Part-time from Regional Hospital Board.*

Dental Officers

Mr. K. Cowell, L.D.S.

Mr. M. Hattan, L.D.S.

Mr. P. R. Oldfield, L.D.S.

Mr. G. A. Thompson, L.D.S. (part-time, Orthodontic Consultant).

Mr. R. F. Grainger, L.D.S. (part-time)

Mr. M. Hollings, L.D.S. (part-time)

Dental Assistants

Full-time 3

Part-time 3

Child Guidance Staff (part-time)

Psychologists 2

Psychiatric Social Worker 1

Remedial Teacher 1

Clerical 2

Speech Therapists

Full-time 2

Part-time 1

Nursing Staff

Divisional Nursing Officer 1

Nursing Officers (Health Visitor) 2

Nursing Officer (Home Nurse) 1

Nursing Officer (Home Nurse Midwife) 1

Health Visitors who are also school nurses 18

Health Visitor (part-time) 1

Health Visitor employed on Hospital Liaison Duties 1

Tuberculosis Health Visitor (part-time) 1

Assistant Health Visitors 3

Assistant Health Visitors (part-time) 6

Home Nurses 13

Home Nurses (part-time) 3

Home Nurse Midwives 11

Midwives 4

Administrative

Divisional Administrative Officer 1

Clerical 16

Clerical (part-time) 1

Domestic Staff, etc.

Cleaners (part-time) 12

Caretaker, Health Centre, Knaresborough Road 1

3. SCHOOL HEALTH SERVICE

A. School Medical Inspections

All new entrants to schools are medically examined but subsequent examinations are done on a selective basis. In 1971 there was a slight decrease in the number of pupils given a full medical examination and this was due, in the main, to the introduction of selective examinations for the school leaver age groups.

Defective vision requiring treatment formed 32.79% of the total defects.

Age Groups born	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 II	Total Individual pupils
1967 and later	39	39	—	—	1	5	6
1966	931	931	—	—	28	149	169
1965	568	568	—	—	21	103	123
1964	188	188	—	327	11	32	40
1963	345	345	—	580	31	85	106
1962	164	164	—	78	10	34	16
1961	172	172	—	53	8	24	30
1960	219	219	—	675	21	46	63
1959	143	143	—	430	19	24	39
1958	60	60	—	28	6	20	25
1957	47	47	—	28	7	7	13
1956 and earlier	170	170	—	620	18	23	37
TOTAL	3,046	3,046	—	2,819	181	552	667

B. Other Inspections

Number of Special inspections	502
Number of re-inspections	742
Total	1,244

C. Infestation with Vermin

- (a) Total number of individual examinations of pupils in schools by School Nurses or other authorised persons 8,518
- (b) Total number of individual pupils found to be infested 220
- (c) Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2), Education Act, 1944) 18
- (d) Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3), Education Act, 1944) —

2.6% of the children examined were found to have dirty heads, compared with 1.6% in 1970, and 1.7% in 1969.

D. Periodic and Special Inspections

Defect or Disease	Entrants		Leavers		Others		Total		Special Inspections	
	(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)
Skin	37	25	8	6	59	36	104	67	4	11
Eyes										
(a) Vision	29	72	18	28	134	127	181	227	42	85
(b) Squint	15	17	1	—	18	13	34	30	—	9
(c) Other	—	5	—	2	2	10	2	17	—	7
Ears										
(a) Hearing	2	70	—	5	18	55	20	130	—	5
(b) Otitis Media	2	9	1	2	9	10	12	21	—	6
(c) Other	—	2	—	2	5	1	5	5	—	2
Nose and Throat	10	52	2	1	33	60	45	113	2	8
Speech	21	18	—	—	26	21	47	39	3	5
Lymphatic Glands	1	6	—	—	4	6	5	12	1	1
Heart	1	7	1	3	14	14	16	24	2	14
Lungs	16	17	2	5	35	25	53	47	1	14
Developmental:										
(a) Hernia	—	3	—	—	5	1	5	4	—	—
(b) Other	6	19	—	4	22	40	28	63	2	7
Orthopaedic										
(a) Posture	—	3	1	—	2	6	3	9	—	—
(b) Feet	22	42	3	3	44	70	69	115	5	19
(c) Other	—	7	2	3	7	14	9	24	—	6
Nervous System:										
(a) Epilepsy	—	2	—	—	10	8	10	10	1	2
(b) Other	18	65	1	4	34	78	53	147	1	6
Psychological:										
(a) Development	1	5	1	2	9	16	11	23	1	5
(b) Stability	—	12	1	2	10	27	11	41	1	1
Abdomen	5	3	—	3	9	13	14	19	1	1
Other	15	7	—	1	16	22	31	30	7	4

(T) Treatment.

(O) Observation.

Eye Diseases, Defective Vision and Squint

	Number of Cases known to have been dealt with
External and other, excluding errors of refraction and squint	249
Errors of refraction (including squint)	279
Total	528
Number of Pupils for whom spectacles were prescribed	221

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	—
(b) for adenoids and chronic tonsillitis	168
(c) for other nose and throat conditions	56
Received other forms of treatment	29
Total	253

Total number of pupils in schools who are known to have been provided with hearing aids:—

(a) in 1971	—
(b) in previous years	12

Orthopaedic and Postural Defects

Number of pupils known to have been treated at clinics or out-patient departments	3
Pupils treated at school for postural defects	—

E. Handicapped Pupils

These are children who, by reason of physical or mental disability, need special educational treatment in ordinary or special schools.

359 children were on the register at the end of the year as detailed below:—

Category	In ordinary school	In special school	Not attending school	Home tuition
Blind	1	3	—	—
Partially sighted	7	4	—	—
Deaf	—	7	—	—
Partially hearing	10	7	—	—
Educationally sub-normal	71	117	6	—
Epileptic	5	3	—	—
Maladjusted	19	17	—	—
Physically handicapped ..	45	16	1	—
Delicate	—	1	—	—
Double defect	*11	†7	‡1	—
Total	169	182	8	—

*1 Phys. Hand/Malad.

1 Part Sight/Esn.

6 Phys. Hand/Esn.

2 ESN./Epileptic

1 Part. Sight/Malad.

†4 Phys.. Hand/Esn

2 malad/Esn.

1 Phys. Hand/Ment. Retarded

‡1 Phys. Hand/Esn.

F. Audiometry

Routine testing of school children from the age of seven years was continued by health visitors who have received special training in the use of the pure-tone audiometer. 1,572 school children in this group were tested in 1971, of whom 46 were referred for further investigation.

The health visitors are also trained in the methods of testing the hearing of the pre-school children from the age of six months onwards.

4. SPEECH THERAPY

A further Speech Therapist was appointed who works 3 days per week in Harrogate and Ripon and the rest of her time in another Division. This extra help has been of great assistance.

153 new cases were treated during the year and the treatment of 124 others was continued. Most of the treatment is carried out in schools but the Speech Therapists attend Dragon Parade Clinic, Harrogate, and Alma House Clinic, Ripon, and 37 domiciliary visits were made.

5. CARDIAC CLINIC

During 1971 a total of 11 sessions of the Cardiac Clinic were held, when 109 children made a total of 115 attendances. There were 15 new cases referred to the Cardiac Clinic, but these were children found to have heart defects at routine school medical examination. It is now the practice for infants with heart defects to be seen at the Paediatric Clinic at Harrogate General Hospital and, with the inevitable discharge of older children and no "intake" of babies, Cardiac Clinics can only be held at infrequent intervals.

During the period under review 5 children were transferred to the adult Cardiac Clinic at Harrogate Hospital, while 3 others left the area and 12 were returned to the care of their general practitioners. 2 children were referred to the Cardiac Unit in Leeds for further investigation.

6. CHILD GUIDANCE CLINIC

127 new cases, 89 boys and 38 girls, were seen during 1971. 116 of these cases were referred from this Division as follows:—

	Boys	Girls	Total
Divisional Medical Officer	21	13	34
General Practitioners	16	6	22
Head-teachers	16	4	20
Parents	7	6	13
Paediatrician	13	5	18
Others	6	3	9
	<hr/> 79	<hr/> 37	<hr/> 116

Dr. Elizabeth Gore, the Consultant Psychiatrist, reports below:

"The total of new cases referred in Division 7 shows an increase of 15 over the year, with a relative increase in the number of girls. A very much larger number of cases were referred to the clinic from the Paediatrician, but these, except for two cases, were referred for advice only. There was also an increase in the number of cases referred from General Practitioners.

Mr. Popplewell took up his appointment as Remedial Teacher in January, 1971. He has continued and developed the work in the morning play therapy group, with slightly bigger numbers. It is a matter of great concern that this work, which we consider so valuable in saving children from being recommended for residential placement, must apparently be discontinued after Easter because the premises now being used will no longer be available and no alternative accommodation can be found.

During 1971 the Social Services Department was being developed and we are glad to feel that we have a fruitful and close relationship with the department in Harrogate. Mutual discussions have helped to prevent duplication of work, and we have been able in a number of instances to hand over cases and families for supervision by the Social Services Department where this was more appropriate. We have also found the Department helpful in cases where the children are away at school. This has meant that we have had more time to work with the other children and their families. In addition the development of the School Counselling system and a closer co-operation with the Educational Welfare Department has meant that, where suitable, they have been able to deal in whole or in part with children with whom we might otherwise have been heavily involved.

These contacts have been in addition to the ones already established with Health Visitors, Head Teachers and a number of the Family Doctors. Most important perhaps had been the continued close contact with Dr. Hepple and his Medical Officers.

We have continued to have Social Work Students from Leeds, from the West Riding and also students taking their Diploma in Primary Education from Leeds University, and a number of others".

7. CARE OF MOTHERS AND YOUNG CHILDREN

(a) Births

Return of Births Notified in the Divisional Area during the Year

DETAILS	BIRTHS				TOTAL
	Domiciliary		Institutional		
	Live	Still	Live	Still	
(a) Primary notifications	45	—	2,087	24	2,156
(b) Add Inward Transfers	—	—	62	—	62
(c) Total Notifications received	45	—	2,149	24	2,218
(d) Deduct Outward Transfers	1	—	596	9	606
(e) Total adjusted births	44	—	1,553	15	1,612
ANALYSIS OF INSTITUTIONAL BIRTHS					
Born in					
(a) Hospitals			1,552	15	
(b) Maternity Homes			1	—	
(c) Nursing Homes			—	—	
TOTAL			1,553	15	

Only 3.8% of births to residents of the Division took place at home.

(b) Ante-Natal and Post Natal Clinics

Name and Address of Ante-natal/Post-natal Clinic (whether held at Infant Welfare Centre or other premises)	No. of separate sessions held during year					No. of women in attendance (including those seen at combined infant welfare & ante-natal sessions)		Total No. of attendances (including those seen at combined infant welfare and ante-natal sessions)	
	Local Health Authority Medical Officers	Midwives (excluding mothercraft & relaxation)	General practitioners employed on sessional basis	Hospital Med. Staff	Total	A/N	P/N	A/N	P/N
2, Dragon Parade, Harrogate	—	28	—	—	28	11	—	38	—
Fysche Hall, Iles Lane Knaresborough	—	45	—	—	45	12	—	85	—
Totals	—	73	—	—	73	23	—	123	—

(c) Ante-Natal Mothercraft and Relaxation Classes.

Name and Address of Centre	No. of sessions held during the year		No. of women who attended during the year			Total number of attendances made during the year		
	Separate Sessions	Combined with A/N. clinic sessions	Institutionally booked	Domiciliary booked	Total	Institutionally booked	Domiciliary booked	Total
2 Dragon Parade, Harrogate ..	78	—	91	—	91	456	—	456
Health Centre, Knaresborough Road, Harrogate ..	88	—	94	—	94	478	—	478
217A Skipton Road, Harrogate ..	96	—	107	1	108	597	6	603
Fysche Hall, Iles Lane, Knaresbro' ..	46	—	64	—	64	443	—	443
Church Hall, Upper Poppleton ..	—	—	—	—	—	—	—	—
Health Centre, Boroughbridge ..	45	—	34	—	34	206	—	206
Alma House, Ripon ..	48	—	52	—	52	337	—	337
Claro Barracks, Ripon ..	10	—	8	—	8	35	—	35
Menwith Hill, American Base ..	31	—	25	—	25	112	—	112
Health Centre, Pateley Bridge ..	25	—	25	—	25	59	—	59
Totals ..	467	—	500	1	501	2,723	6	2,729

(d) Infant Welfare Centres

Name and Address of Centre	No. of Infant Welfare Sessions held during year by					No. of children who attended for the first time during the year and who were born in				Total No. of children who attended during the year	No. of attendances during the year made by children who were born in			Total attendances during the year
	Local Health Authority Medical Officers	Health Visitors only	General practitioners employed on sessional basis	Hospital Medical Staff	Total	1971	1970	1966/1969	1971		1970	1966/1969		
Central Clinic, Dragon Parade, Harrogate	48	—	—	—	48	75	82	52	209	442	416	134	992	
Health Centre, Knaresborough Road	52	—	—	—	52	137	178	95	410	1,130	864	342	2,336	
217A Skipton Road, Harrogate	—	53	48	—	101	264	264	278	806	2,371	2,040	628	5,039	
St. Mark's Parochial Hall, Harrogate	—	—	24	—	24	32	34	12	78	186	244	41	471	
Methodist Buildings, College Rd., Harrogate	24	—	—	—	24	35	43	24	102	240	302	48	590	
Pannal Memorial Hall, Pannal, Harrogate	—	—	11	—	11	10	10	10	30	28	26	21	75	
Penny Pot Lane, Harrogate (Army premises)	—	16	—	—	16	12	11	6	29	22	47	8	77	
Fysche Hall, Iles Lane, Knaresborough	96	—	—	—	96	131	159	158	448	1,181	1,087	805	3,073	
Health Centre Boroughbridge	26	—	—	—	26	27	26	27	80	202	232	112	546	
Church Hall, Upper Poppleton	51	—	—	—	51	34	58	69	161	266	407	174	847	
Alma House, Ripon	36	—	—	—	36	22	57	50	129	126	233	115	474	
Claro Barracks, Ripon	—	13	—	—	13	35	47	18	100	143	180	92	415	
Health Centre, Summerbridge	—	—	12	—	12	14	22	19	55	39	114	67	220	
Mobile Clinic	149	—	284	—	433	199	210	214	623	875	918	562	2,355	
Totals	482	82	379	—	943	1,027	1,201	1,032	3,260	7,251	7,110	3,149	17,510	

In addition, the Mobile Clinic provides infant welfare centre services in the rural areas as follows:—

Killinghall	Friday	Fortnightly
Hampsthwaite	"	"
Bishop Monkton	Friday	Monthly
Lead Lane, Ripon	"	"
Burton Leonard	Friday	Monthly
Staveley	"	"
Scotton	"	"
Burnt Yates	Monday	Monthly
Ramsgill	"	"
Lofthouse	"	"
Glasshouses	"	"
Heyshaw Lane End	"	"
Darley	"	"
Burley Avenue, Army Premises	"	"
Markington	Monday	Monthly
Bishop Thornton	"	"
Shaw Mills	"	"
Birstwith	"	"
H.M.S. Forest Moor	"	"
Burley Avenue, Army Premises	"	"
Studley Roger	Tuesday	Monthly
Aldfield	"	"
Sawley	"	"
Grantley	"	"
Winksley	"	"
Nunwick	"	"
Copt Hewick	"	"
Skelton	"	"
Kirkby Malzeard	Tuesday	Monthly
Grewelthorpe	"	"
Ripon Army Camp	"	"
Hunsingore	Wednesday	Monthly
Whixley	"	"
Marton	"	"
Grafton	"	"
Little Ouseburn	"	"
Great Ouseburn	"	"
Green Hammerton	Wednesday	Monthly
Kirk Hammerton	"	"
Nun Monkton	"	"
Moor Monkton	"	"
Rufforth	"	"

(e) Routine Tests on Young Babies

One type of mental handicap is caused by an inability to metabolise one of the amino acids in food. In order to prevent damage to the brain of these children it is essential to find them within the first weeks of life and give them a special diet. All babies therefore have a routine blood test on their sixth day, either in the maternity hospital or at home by County Council midwives, in order to exclude this disability. No cases were discovered during the year.

Congenital dislocation of the hip is a crippling deformity which is most largely prevented by early ascertainment and treatment. Fortunately there is a simple test—the Ortolani test—which can be carried out by nursing and medical staff when young babies are first seen.

Seven children were referred for specialist opinion during 1971. Two of these were confirmed as cases and four were referred for further investigation. Three children were found not to have dislocated hips.

(f) Dental Care

The arrangements for dental treatment of expectant and nursing mothers continue.

(g) Care of Premature Infants

A premature infant can be defined for practical purposes as one which weighs $5\frac{1}{2}$ lbs. or less at birth.

These small infants are particularly liable to damage from cold and feeding difficulties and need special care.

The County Council provides specially heated incubator cots for ambulance transport of these children.

During 1971 there were 93 live and 10 stillbirths on infants of $5\frac{1}{2}$ lbs. or less born to mothers normally resident in the division. 84 of these survived over twenty-eight days and 9 died in the first four weeks.

(h) Inspection of Children at Day and Residential Nurseries and County Children's Homes

Medical inspections and immunisation are carried out at the Day and Residential Nurseries and County Children's Homes by the medical staff of the Department. In addition all children in the residential nurseries and homes are examined on admission and discharge and any medical problems dealt with.

8. MIDWIFERY

The midwifery staff of the Division consists of 1 Nursing Officer (Home Nurse Midwife), 4 whole-time midwives and 11 midwives who are also home nurses.

In addition to attending 40 home confinements in 1971, the midwives visited 1,071 hospital and maternity home patients who went home before the tenth day. 314 of these patients were discharged home at forty-eight hours, 309 were discharged after forty-eight hours but up to and including the fifth day and 448 after the fifth but before the tenth day. Twice daily visits are made during the first three days of puerperium and daily visits thereafter, up to the tenth day.

Owing to the shortage of accommodation in the maternity units of the Harrogate and Ripon Hospitals and the York Maternity Home, applications for maternity beds made on social grounds are investigated by the domiciliary midwives.

The Obstetric Flying Squad from the Harrogate Hospital was called out on 3 occasions during the year.

Analgesia

Analgesia was administered by County Council midwives to domiciliary patients as follows:—

Trilene	11
Pethidine	3
Trilene and Pethidine	12

9. HEALTH VISITING

2 Nursing Officers (Health Visitor), 19 full-time health visitors, 2 part-time health visitors, 3 full-time assistants to health visitor and 6 part-time assistants to health visitor were employed in the Division at the end of the year. All the full-time health visitors are attached to general practitioners.

1 full-time health visitor and 1 part-time health visitor do tuberculosis visiting and maintain liaison between the Health Department and the chest physicians. Another is largely occupied with the admission and discharge of elderly people to hospitals, old people's homes and Part III accommodation, working closely with the Geriatric Unit at Knaresborough Hospital.

Like the rest of the nursing staff, the health visitors work under the general direction of the Divisional Nursing Officer.

The following table shows categories of visits made:—

	No. of cases i.e., first visits
1. Total number of cases	9,005
2. Children born in 1971	1,682
3. Children born in 1970	1,532
4. Children born in 1966-69	2,958
5. Total number of children in lines 2-4	6,172
6. Persons aged 65 or over (excluding "domestic help only" visits)	1,561
7. Number included in line 6 who were visited at the special request of a general practitioner or hospital . .	782
8. Mentally disordered persons	39
9. Number included in line 8 who were visited at the special request of a general practitioner or hospital . .	26
10. Persons, excluding maternity cases, discharged from hospital (other than mental hospitals)	108
11. Number included in line 10 who were visited at the special request of a general practitioner or hospital . .	79
12. Number of tuberculous households visited (i.e., visits by health visitors not employed solely on tuberculosis work)	40
13. Number of households visited on account of other infectious diseases	32
14. Other cases	1,053

10. HOME NURSING

13 home nurses, 3 part-time home nurses, and 11 home nurse-midwives were nursing in the Division at the end of the year. Almost all the Home Nurses are attached to General Practitioners.

The following table gives classification of the work carried out:

Classification	No. of cases attended by Home Nurses during the year	No. of visits paid by Home Nurses during the year
Medical	1,742	52,341
Surgical	443	12,711
Infectious diseases	8	163
Tuberculosis	26	263
Maternal complications	73	653
Other	35	289
TOTALS ..	2,327	66,420
Patients included above who were aged 65 or over at the time of the first visit during the year	1,684	50,295
Children included above who were under 5 years of age at the time of the first visit during the year	34	169
Patients included above who have had more than 24 visits during the year	669	51,179

11. VACCINATION AND IMMUNISATION

Protection is offered against diphtheria, whooping cough and tetanus, poliomyelitis, measles, and rubella.

(a) Vaccination of Persons under 16 years completed during 1971 Completed Primary Courses

Type of vaccine or dose	Year of Birth					Others under age 16	Total
	1971	1970	1969	1968	1964-1967		
Triple (Diphtheria/Tetanus/Whooping Cough)	16	1,061	280	20	4	—	1,381
Diphtheria/Tetanus	—	15	5	2	9	2	33
Diphtheria	—	—	—	—	—	—	—
Tetanus	—	1	—	—	1	8	10
Poliomyelitis	17	1,077	288	24	19	16	1,441
Measles	1	429	378	87	100	3	998
Rubella	—	—	—	—	—	1,720	1,720

Reinforcing Doses

Type of vaccine or dose	Year of Birth					Others under age 16	Total
	1971	1970	1969	1968	1964-1967		
Triple (Diphtheria/Tetanus/Whooping Cough)	—	24	14	5	104	17	164
Diphtheria/Tetanus	—	1	4	6	936	126	1,073
Diphtheria	—	—	1	—	6	6	13
Tetanus	—	—	3	3	27	122	155
Poliomyelitis	1	24	18	10	1,047	92	1,192

(b) Vaccination Against Smallpox

The Local Authority vaccination scheme was terminated in July, 1971, in response to Government policy.

The numbers in different age groups vaccinated or re-vaccinated during the first half of the year are shown below:—

Age at Date of Vaccination	Under 1	1	2—4	5—15	Total
No. Vaccinated ..	8	3	6	5	22
No. Re-vaccinated ..	—	2	4	6	12

(c) B.C.G. Vaccination

B.C.G. Vaccination was again offered to all children 13 years of age and over attending schools in the area.

The following are details of work carried out:—

1. No. of Medical Officers (including Divisional Medical Officer) approved to undertake B.C.G. Vaccination 5
2. Acceptances
 - (a) No. of children offered tuberculin testing and vaccination if necessary (whether the offer was made during the year or previously) 1,642
 - (b) No. of (a) found to have been vaccinated previously 46
 - (c) No. of acceptances 1,473
 - (d) Percentage of acceptances 89.70%
3. Pre-Vaccination Tuberculin Test
 - (a) No. of children 2(c) tested 1,410
 - (b) Result of Heaf Test: (i) Positive 97
(ii) Negative 1,237
(iii) Not ascertained 76
 - (c) Percentage positive 6.87%
4. Vaccination
 - No. vaccinated following negative Heaf Test .. 1,161

12. PREVENTION, CARE AND AFTER-CARE OF TUBERCULOSIS

The Chest Physicians hold sessions once a week at Scotton Banks Hospital, twice a week at Harrogate General Hospital and once a week at Ripon and District Hospital. The health visitors who do tuberculosis visiting attend the clinics at the Harrogate and Ripon Hospitals.

The Chest Physician reports as follows:—

13 names were added to the Tuberculosis Register during 1971. 7 males and 4 females were suffering from pulmonary tuberculosis, 1 male from T.B. spine, and 1 female child from tubercular meningitis. In addition there was one posthumous notification of pulmonary tuberculosis in a female.

24 names were removed from the register. 6 males and 3 females recovered from pulmonary tuberculosis and 1 female from T.B. hip; 5 males and 2 females died; 2 males and 3 females left the district; and 2 males who were suffering from pulmonary tuberculosis were lost sight of.

211 contacts were seen at the Harrogate Chest Clinic during the course of the year. In addition two groups of school children were examined. One was a group of 25 children of various ages and from various schools who were contacts of a school dentist living in another area. This group was checked at Harrogate Chest Clinic. The other was a group of 16 boys who were contacts of a pupil teacher and were seen at Scotton Banks Chest Clinic.

Tine testing was carried out as follows:—

Harrogate Chest Clinic and Scotton Banks Hospital ..	127
Negative results	55
Positive results	72
Vaccinated	52
Babies vaccinated at birth	19

13. CERVICAL CYTOLOGY

A screening test for the detection of cancer of the cervix is offered to all married women. Sessions were held once or twice weekly at the Clinic, 2 Dragon Parade, Harrogate, once or twice monthly at Alma House Clinic, Ripon, and as required at the Health Centre, Pateley Bridge. In addition 13 sessions were held in suitable office premises for the convenience of the staff.

838 women attended the Harrogate sessions, 259 women attended the Ripon sessions, 18 women attended the Pateley Bridge sessions, and 241 women attended the sessions held in the office premises. There were 5 positive smears.

It is desirable to repeat the smear test at least every five years and in certain circumstances possibly each year. Women over the age of thirty, especially those with large families and particularly those in the lower income groups are the ones most at risk. There are still large numbers of women in these groups who have never come forward for a test.

14. CHIROPODY

Much pain and disability is associated with minor foot ailments, many of which are amenable to treatment. The chiropody service provides this for old people, expectant and nursing mothers, and for the physically disabled.

Periodic sessions are held in Harrogate, Ripon, Knaresborough, Pateley Bridge, Boroughbridge, Poppleton, Nun Monkton, Whixley, Kirk Hammerton, Bishop Monkton, Burton Leonard, Kirkby Malzeard, Grewelthorpe and Great Ouseburn. Many of these are organised by voluntary associations on behalf of the department, and I am very grateful to those who undertake this valuable voluntary work.

There is also a domiciliary service for those who are unfit to attend a clinic session.

The chiropodists work part-time and the demand for their services tends to outstrip the service available.

15. REGISTRATION OF NURSING HOMES

There were 15 registered nursing homes with a total of 314 beds in the Division at the end of the year. Twenty visits of inspection were made.

16. REGISTRATION OF OLD PEOPLE'S HOMES

The 28 old people's homes registered in the area were visited by the Divisional Medical Officer in conjunction with the Divisional Welfare Officer.

17. MEDICAL EXAMINATION OF STAFF, etc.

A total of 403 medical examinations of staff, etc. were carried out during the year. New members of the West Riding staff are medically examined only if they have a significant medical history or are over forty-five years old, a policy which reduces work for the medical staff.

The medical examinations carried out were in the following categories:—

West Riding County Council	61
District Councils in the Division	7
Other Authorities	12
Applicants for Training Colleges	141
Employment of Children (including in entertainments) ..	73
School Meals Staff	109

18. HEALTH EDUCATION

Health education has continued along much the same lines as in previous years, but nearly all the health visitors, midwives and district nurse/midwives have taken an active part in this year's programme.

Health education in schools has been extended to include some of the primary schools where we have had a small programme on general health. In Granby Park Secondary Modern School we have had two programmes running—an intensive course for selected girls on mothercraft and a programme for girls and boys on general health subjects.

We have been active with Girl Guides, Brownies and Red Cross, giving lectures on child care, home nursing (by two district nurses), and accident prevention, etc. and have acted as examinees at a number of examinations especially for the Brownies, who are very keen on home accident prevention.

The interest shown in relaxation classes is very encouraging and, in Ripon, one session in the course of eight is given in the evening so that both husbands and wives can attend together. In Harrogate a number of people have been unable to attend classes because they are still at work. An evening class was attempted but was poorly attended and we are now thinking along the lines of about three evening classes early in pregnancy for working "mothers-to-be" followed by a short day-time course when they are free to attend. We are also thinking of a class for late bookings.

A mothers' afternoon club at Ripon has been established and is well attended as are the other three clubs at Harrogate, Knaresborough and Pateley Bridge.

Talks, lectures and film shows on a variety of subjects have been given to Youth Clubs, Friendship Clubs, etc. by various members of staff and this side of health education is much enjoyed.

AMBULANCE SERVICE

This is a separate service in the West Riding. There is an Ambulance Station in Harrogate with a Superintendent Ambulance Officer in charge. Sub-depots in both Ripon and Pateley Bridge are manned by members of the respective divisions of the St. John Ambulance Brigade who give excellent service. Communication is maintained by short wave radio.

HOSPITALS UNDER THE MANAGEMENT OF THE REGIONAL HOSPITAL BOARD

Name	Situation	Purpose	Beds	
			Adults	Children
Harrogate & District General Hospital	Knaresborough Rd., Harrogate	Medical, Surgical, Maternity	239	25
Carlton Lodge Maternity Home	Leeds Road, Harrogate	Maternity	13	—
Royal Bath Hospital	Cornwall Road, Harrogate	Rheumatic Diseases	160	—
Yorkshire Home	Cornwall Road, Harrogate	Chronic Sick Cases	71	—
Ripon & District Hospital	Firby Lane, Ripon	Medical, Surgical, Maternity	50	7
St. Wilfrid's Hospital	Princess Road, Ripon	Chronic Sick	32	—
Thistle Hill Hospital	Thistle Hill, Knaresborough	Geriatrics	51	—
Scotton Banks Hospital	Ripley Road, Knaresborough	Ophthalmic	4	—
Do.	do.	Paediatrics	—	21
Do.	do.	General Surgery	26	—
Do.	do.	Gynaecology	27	—
Do.	do.	Diseases of Chest	72	—
Do.	do.	Young Chronic Sick	34	—
Do.	do.	Medical	22	—
Do.	do.	Private Wing Sect. 5	16	—
		do. Sect. 4	8	—
Knaresborough Hosp.	Stockwell Road, Knaresborough	Chronic Sick	134	—

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES—1971

	Measles (exclud- ing rubella)		Dysentery (amoebic or bacillary)		Scarlet fever		Whoop- ing cough		Infective Jaundice		TUBERCULOSIS			
											Respir- atory		Meninges and C.N.S.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year ..	3	2	—	—	—	—	—	—	—	—	—	—	—	—
1 year ..	9	9	—	—	—	1	2	1	—	—	—	—	—	—
2 years ..	8	6	—	—	—	—	5	14	—	—	—	—	—	—
3 years ..	13	10	—	—	—	1	9	12	—	—	—	—	—	—
4 years ..	12	12	—	—	—	3	—	—	1	—	—	—	—	—
5—9 years ..	37	23	—	—	12	13	—	—	1	—	—	—	—	—
10—14 years ..	2	—	—	—	—	—	—	—	—	1	—	—	1	—
15—19 years ..	—	—	—	—	—	—	—	—	—	—	1	—	—	—
20—24 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25—34 years ..	—	—	—	—	—	—	—	—	—	1	2	1	—	—
35—44 years ..	—	—	—	—	—	1	—	—	—	—	—	—	—	—
45—54 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
55—64 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
65—74 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
75 and over ..	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Age unknown ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (all ages)	84	62	—	—	15	20	16	27	3	4	5	2	1	1

Prevalence and Control over Infectious Diseases—continued

	Diphtheria		Tetanus		Acute meningitis		Acute encephalitis		Ophthalmia neonatorum		Acute poliomyelitis	
	M	F	M	F	M	F	M	F	M	F	Paralytic	Non-paralytic
Under 1 year
1 year
2 years
3 years
4 years
5—9 years
10—14 years
15—19 years
20—24 years
25—34 years
35—44 years
45—54 years
55—64 years
65—74 years
75 and over
Age unknown
Total (all ages)

Prevalence and Control Over Infectious Diseases—continued

	Malaria											
	Contracted naturally				Induced							
	In Great Britain		Abroad		Accident-ally		Therap-eutically					
	M	F	M	F	M	F	M	F				
Food poisoning (excluding dysentery, typhoid and para-typhoid fevers)			M	F								
Typhoid fever			M	F								
Para- typhoid fever			M	F								
Lepto- spiro- sis	M	F										
Under 1 year	—	—	—	—	—	—	—	—	—	—	—	—
1 year	—	—	—	—	—	—	—	—	—	—	—	—
2 years	—	—	—	—	—	—	—	—	—	—	—	—
3 years	—	—	—	—	—	—	—	—	—	—	—	—
4 years	—	—	—	—	—	—	—	—	—	—	—	—
5—9 years	—	—	—	—	—	—	—	—	—	—	—	—
10—14 years	—	—	—	—	—	—	—	—	—	—	—	—
15—19 years	—	—	—	—	—	—	—	—	—	—	—	—
20—24 years	—	—	—	—	—	—	—	—	—	—	—	—
25—34 years	—	—	—	—	—	—	—	—	—	—	—	—
35—44 years	—	—	—	—	—	—	—	—	—	—	—	—
45—54 years	—	—	—	—	—	—	—	—	—	—	—	—
55—64 years	—	—	—	—	—	—	—	—	—	—	—	—
65—74 years	—	—	—	—	—	—	—	—	—	—	—	—
75 and over	—	—	—	—	—	—	—	—	—	—	—	—
Age unknown	—	—	—	—	—	—	—	—	—	—	—	—
Total (all ages)	—	—	—	—	—	—	—	—	—	—	—	—

Prevalence and Control Over Infectious Diseases—continued

	Plague		Cholera		Anthrax		Smallpox		Typhus fever		Relapsing fever		Yellow fever	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year
1 year
2 years
3 years
4 years
5—9 years
10—14 years
15—19 years
20—24 years
25—34 years
35—44 years
45—54 years
55—64 years
65—74 years
75 and over
Age unknown
Total (all ages)

Measles

146 notifications were received compared with 876 in 1970, which gave a notification rate of 2.30 per 1,000 population.

Scarlet Fever

There were 35 notifications during the year, compared with 19 in 1970, a rate of 0.55 per 1,000 population.

Whooping Cough

43 cases were notified, compared with 3 in the previous year, giving a notification rate of 0.68.

Infective Jaundice

7 cases were notified in 1971 compared with 8 in 1970. The notification rate was 0.11 per 1,000 population.

Ophthalmia Neonatorum.

One case was notified. It was probably due to *Streptococcus pneumoniae* infection and made a good recovery.

Paratyphoid Fever

A ward orderly aged twenty-six was discovered to be excreting *S. paratyphi* B after a cholecystectomy in Leeds. The source of infection remained obscure.

Food Poisoning

13 cases were notified during the year, 2 of which occurred in August and 7 in September. All were due to Group B *Salmonella* infection and occurred sporadically.

Two were thought to be due to frozen chicken, one to steak, and one to ice cream bought at a seaside town.

The source of infection was not discovered in the other cases.

Tuberculosis

There were 7 new cases of pulmonary tuberculosis and 2 of non-pulmonary tuberculosis notified during the year.

The Corporation gives priority to cases of tuberculosis who need rehousing.

The following table gives details from the Tuberculosis Register:

	Pulmonary		Non-Pulmonary		Total
	M	F	M	F	
Number on Register at 1st January, 1971	73	30	—	3	106
New notifications in 1971 ..	5	2	1	1	9
Number restored to Register ..	—	—	—	—	—
Number added to Register otherwise than by notification ..	1	—	—	—	1
Number removed from Register in 1971	10	6	—	—	16
Number on Register at 31st December, 1971	69	26	1	4	100

ANNUAL REPORT

OF THE

CHIEF PUBLIC HEALTH INSPECTOR

AND

CLEANSING SUPERINTENDENT

For the Year

1971

The following table gives details from the Tuberculosis Register

Total	Pulmonary		Non-Pulmonary	
	M	F	M	F
Number on Register at 1st January, 1971	30	30	3	3
New notifications in 1971	2	2	1	1
Number removed from Register in 1971	10	6	—	—
Number added to Register other-wise than by notification	1	—	—	—
Number restored to Register	—	—	—	—
Number removed from Register in 1971	10	6	—	—
Number on Register at 31st December, 1971	22	26	4	4

Ophthalmia Neonatorum

One case was notified. It was probably due to *Streptococcus pneumoniae* infection and made a good recovery.

Paratyphoid Fever

A ward orderly aged twenty-six was discovered to be excreting *S. paratyphi* B after a cholecystectomy in Leeds. The source of infection remained obscure.

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THE WAR 1971



BOROUGH OF HARROGATE

ANNUAL REPORT

OF THE

**CHIEF PUBLIC HEALTH INSPECTOR
AND
CLEANSING SUPERINTENDENT**

I wish to express my thanks for the assistance and co-operation received from the Medical Officer of Health and other Chief Officers of the Corporation and record my appreciation of the sterling work of both the technical and administrative members of my staff.

For the Year

1971



BOROUGH OF HARROGATE

ANNUAL REPORT

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AND

CLEANSING SUPERINTENDENT

For the Year

1971

ANNUAL REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR AND CLEANSING SUPERINTENDENT FOR THE YEAR 1971

To The Mayor, Aldermen and Councillors of the
Borough of Harrogate.

Mr. Mayor, Ladies and Gentlemen,

I have pleasure in submitting my first Annual Report on the Environmental Health and Cleansing Services for 1971.

I took up my appointment on the 7th July, 1971, following the retirement of Mr. E. Dodsworth who occupied the post with distinction for twenty-five years. Mr. Dodsworth was responsible for instituting and planning a number of schemes which have come to fruition since his retirement, i.e. the Corporation's main tip at Stonefall and the Amenity Tip utilising 12 cu. yd. skips.

Several changes took place in the administrative staff of the Department during the year—Mr. D. Hodgson, Senior Clerk, commenced duties in October, and Mrs. B. Cockrem, Clerical Assistant, joined us in November. A new Student Public Health Inspector, Mr. J. Skillin, commenced work on the 1st September.

During the year the Council decided to embark on a policy of smoke control and authorised the preparation of a comprehensive phased smoke control programme.

Plans were also drawn up for a programme of improvement work to the Council's slaughterhouse at Starbeck to be carried out over the next three years. Special emphasis has been made during the year to improving food hygiene standards particularly in the large hotels and in obtaining good standards on all licensed caravan sites.

I wish to express my thanks for the kindness and co-operation received from the Medical Officer of Health and other Chief Officers of the Corporation and record my appreciation of the sterling work of both the technical and administrative members of my staff.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

K. PARKER,

Chief Public Health Inspector,
Cleansing Superintendent.

ENVIRONMENTAL CIRCUMSTANCES OF THE AREA.

GENERAL.

Meteorology

The Harrogate Meteorological Station, which is under the control of the Borough Engineer, is situated at the Northern Sewage Disposal Works, Bilton, from which the following observations were taken:—

Sunshine. 1,361.6 hours of sunshine were recorded during the year, 116 less than 1970.

Rainfall. The total rainfall recorded during the year was 612.1 mm, the wettest day being the 23rd April when 51 mm of rain was recorded. The figure for 1970 was 647.4 mm.

Temperatures. The maximum temperature during the year was 26.1°C recorded on the 8th July, and the minimum temperature was —6.1°C recorded on the 29th November.

Wind. The prevailing wind during the year was westerly.

WATER SUPPLY

The distribution of water in the Harrogate area is undertaken by the Claro Water Board which was formed on the 1st April, 1959, and subsequently enlarged by the addition of the Wath Rural District Council on the 1st April, 1960.

The constituent authorities of the Board are as follows:

- Harrogate Borough Council
- Knaresborough Urban District Council
- Nidderdale Rural District Council
- Ripon City
- Ripon and Pateley Rural District Council
- Wath Rural District Council
- Wetherby Rural District Council

The water supply of the town is derived from five impounding reservoirs and an adit in the Pennine Range. The adit which is known as Eagle Level is situated about three-quarters of a mile west of Pateley Bridge. There are two catchment areas, one six miles west of Harrogate, and the other north of Masham in the North Riding of Yorkshire, some twenty-eight miles away.

The supply is abundant, pure and soft in character, and the gathering grounds are largely owned and wholly controlled by the Board, farming activities being strictly limited.

The whole of the supply is filtered by slow sand pressure filters and subsequently sterilised with chlorine and ammonia to ensure a wholesome water to the consumers.

Samples of water are taken regularly from the town's mains at various points within the Borough for chemical and bacteriological examination.

Number of samples examined	128
Being samples of water from:	
Domestic supplies (Town's mains)	111
Domestic supplies (wells, etc.)	1
Wells and springs (mineral)	16
Number of samples found upon examination to be satisfactory	98
Number of samples found to be unsatisfactory	30

In the portions of the Borough which were incorporated on the 1st April, 1938, from the Wetherby Rural District and the former Knaresborough Rural District there are five houses which obtain their supply from wells and springs. It has not been possible to connect these dwellings to the main water supply.

Report on Two Samples of Water taken on 10th June, 1971 from the Filter Works.

Parts per Million	Irongate Bridge	Harlow Hill
Appearance	Clear & Bright	Clear & Bright
Turbidity (Silica Scale)	—	—
Colour (Hazen)	Yellowish	Very faint yellow tint
Odour and Taste	None	None
Reaction pH	7.4	7.6
Free Carbon Dioxide	4.0	3.0
Alkalinity as CaCo ₃	60.0	28.0
Total Hardness as CaCo ₃	83.0	64.0
Non-carbonate Hardness as CaCo ₃	23.0	36.0
Total Solids	120.0	80.0
Chlorine in Chlorides	22.0	21.0
Nitrogen in Nitrates	0.80	0.30
Nitrogen in Nitrites	Nil	Nil
Ammoniacal Nitrogen (Free Ammonia)	0.01	0.06
Albuminoid Nitrogen	0.07	0.06
Oxygen absorbed in 4 hrs. at 27°C	1.36	0.92
Metals: Iron (Fe)	0.10	Trace
Manganese (Mn)	Trace	Nil
Calcium (Ca)	22.0	17.6
Magnesium (Mg)	6.8	4.9
Sulphate (SO ₄)	24.7	28.8
Fluorine (F)	0.30	0.10
Residual Chlorine	Nil	0.05

Plumbo-Solvency of Water Supplies

15 samples of water were submitted for analysis under the above heading. 3 were found to be unsatisfactory. The reports were submitted to the Claro Water Board for their attention.

CLOSET ACCOMMODATION

The following table shows the number of pail closets, earth closets and cesspools, etc., in the Borough at the end of December, 1971.

Pail and tub closets	..	4
Privies	.. ..	—
Waste water-closets	..	—
Cesspools	.. ..	56

Cesspools are emptied by means of a cesspool emptier as and when required.

RIVERS AND STREAMS

These are supervised by the Yorkshire Ouse and Hull River Authority.

Routine inspections have been carried out on all becks and streams within the Borough during the year. Five cases of pollution were found and immediate remedial action was instituted.

INSPECTION OF THE AREA

16,638 inspections were carried out during the year by the Public Health Inspectors. A wide variety of premises were inspected and every effort made to see that the requirements of the various Acts and Regulations were complied with.

Complaints reported to the Public Health Department	..	525
Where nuisances were found	.. ..	391
Where complaint was received and no nuisance found	.. ..	105
Under Housing Acts	.. ..	922
Where infectious disease had occurred	.. ..	44
Farms	.. ..	44
Dairies and Milk shops	.. ..	54
Ice-cream shops	.. ..	501
Ice-cream manufacturing premises	.. ..	8
Butcher's shops	.. ..	297
Slaughterhouse (Starbeck)	.. ..	441
Fish frying premises	.. ..	105
Fish shops (wet)	.. ..	39
Grocers' shops	.. ..	446
Greengrocers' shops	.. ..	159
Confectioners' shops	.. ..	316

Bakehouses (power)	103
Restaurants	174
Canteens	78
Kitchens	499
Mobile food shops and canteens	72
Food preparing premises	541
Food storage premises	235
Cold stores	11
Food inspection	197
Food poisoning investigations	28
Food sampling	208
Merchandise Marks Act	—
Market Hall	12
Factories (power)	130
Factories (no power)	26
Outworkers	1
Office Shops and Railways Premises	493
Workplaces (other than listed)	1
Rats and Mice	115
Sanitary Conveniences—Public	40
" "—Private	85
Schools	15
Caravans and Sheds	107
Piggeries	11

Other Visits or Inspections

Drainage	764
River pollution	71
Installation of new sanitary fittings	17
Hairdressers and Barbers	116
Investigation of infestation of insect pests	56
Pet shops	2
Clean Air Act and smoke observations	48
Visits to properties under notice	899
Water supplies and samples	50
Interviews	858
Public Cleansing	267
Refuse Tips	33
Noise nuisances investigated	122
Miscellaneous	3,211

ABATEMENT OF NUISANCES

Drainage repaired, trapped, etc.	55
Drainage unstopped	178
Chambers repaired or new constructed	6
Soil or vent pipes—repaired	18
Water closets repaired or supplied with water	12
Water closets, new pans or pedestals provided	8
Water closets, additional constructed	—
Waste pipes repaired or trapped	25
Waste pipes, rain-water pipes and eaves gutters repaired or renewed	111
Sinks provided or replaced	5
Accumulations of refuse removed	79
Animals, Fowls, etc., nuisances from abated	29
Brickwork or pointing repaired	123
Dampness remedied	33
Damp proof courses inserted or repaired	3
Doors repaired, etc.	42
Dustbins supplied	69
Fireplaces, stoves and flues repaired	3
Fences and gates repaired	4
Flooring or other woodwork repaired or renewed	79
Floors, concrete or quarried, repaired or renewed	7
Food cupboard provided	1
Plaster repaired or renewed	67
Rat and mice infestations abated	717
Roofs made weathertight	56
Stagnant water removed	1
Verminous premises disinfected	15
Water supplies reinstated or made sufficient	13
Windows, cords, fasteners and glass repaired or renewed	86
Yards and passages paved	7
Smoke nuisance abated	7
Noise nuisance abated	4
Miscellaneous	23

SWIMMING BATHS AND PADDLING POOL

There are 2 indoor swimming baths in the Borough owned by the Corporation, all being equipped with continuous filtration and chlorination plants.

During the year a total of 32 samples of water were taken, of which 2 were unsatisfactory.

STATUTORY NOTICES

39 legal notices were served during the year in order to secure the abatement of nuisances of various kinds.

Number of Legal Notices Issued for Abatement of Nuisances

	Served 1971	Complied with During 1971	Served 1970	Complied with During 1970/71
Public Health Act, 1936, Section 39	15	5	10	7
40	1	1	—	1
44	1	1	—	1
45	1	1	3	3
56	4	4	—	5
93	17	7	11	7
Public Health Act, 1961, Section 17	—	4	4	—
Public Health (Recurring Nuisances) Act, 1969 Section I	1	—	1	—
TOTAL	40	23	29	24

INFECTIOUS DISEASES

Premises inspected where notifiable diseases have occurred	44
Articles destroyed by burning at request of owners ..	—
Total visits to infected premises	44

NOISE ABATEMENT ACT, 1960

56 complaints were received about nuisances from noise, all of which were investigated. 4 were confirmed and the necessary action taken to have the nuisances abated.

It is significant that the number of noise complaints received in 1971 was more than double the complaints received during the previous year. The public are becoming increasingly aware of excessive noise and the Public Health Inspectors will be spending more time on investigating noise complaints and endeavouring to obtain a reduction of noise at source by persuasion, if possible, but using the Noise Abatement Act, if necessary.

Severe noise nuisance can have a profound effect on health and affects some people more than others.

SWIMMING BATHS AND PADDLING POOL

There are 2 indoor swimming baths in the Borough owned by the Corporation, all being equipped with continuous filtration and chlorination plants.

During the year a total of 32 samples of water were taken, of which 2 were unsatisfactory.

In addition to the above there are 5 indoor swimming baths and one open-air swimming pool, all privately owned. Three bacteriological samples of water were taken from these baths, all of which were satisfactory.

Paddling pools present a difficult problem owing to the shallowness of the water and the high number of users. Correct maintenance of chlorination and filtration plants is essential if conditions are to be kept at a satisfactory level.

I. PUBLIC SWIMMING BATHS

Address	Description (Area and capacity)	Source of water used for filling	Method of Treatment
Coppice Valley Pool	Indoor Heated Main Pool 42' x 82' 6" x 7' (3' 6") 114,000 gallons Diving pool 42' x 35' x 11' 9" (16' 9") 102,000 gallons Learner Pool 36' 8" x 24' x 3' (2') 14,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Starbeck Baths Spa Lane	Indoor Heated 60' x 24' x 5' 6" (2' 6") 34,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination

II. PUBLIC PADDLING POOL

Valley Garden	Outdoor Unheated 55 sq. yds. 30,000 gallons	C.W.B. Mains	Intermittent Chlorination
---------------	--	-----------------	------------------------------

III. PRIVATE SWIMMING POOLS

Ashville College Green Lane	Outdoor Unheated 30' x 100' x 6' (3') 100,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Harrogate Ladies College, Clarence Drive	Indoor Heated 30' x 100' x 6' (3' 6") 89,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Police Training Centre No. 3, Pannal Ash	Indoor Heated 30' x 100' x 8' (4') 112,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Queen Ethelburga's School, Penny Pot Lane	Indoor Heated 50' x 20' x 6' (3') 28,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Granby Park Schools	Indoor Heated 60' x 20' x 7' (2' 6") 52,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Woodlands School	Indoor Heated 20' x 49' 6" x 3' 6" (2' 6") 18,600 gallons	C.W.B. Mains	Filtration & Continuous Chlorination

IV. MEDICAL TREATMENT POOLS

Deep Pool Royal Baths	Indoor Heated 10' x 16' x 4' av.	C.W.B. Mains	Filtration & Continuous Chlorination
--------------------------	--	-----------------	--

DISINFESTATION

It is pleasing to report that the number of infestations by beetles has dropped by more than half from the previous year, 63 complaints being received by the department against a total of 136 in 1970. The number of wasp complaints received remained static.

Type of Premises	No.
Council houses	7
Private houses	297
Businesses	36
TOTAL ..	340

Classification	No.
Beetles	63
Fleas	18
Flies	2
Red Spiders	13
Silver Fish	4
Wasps	137
Woodworm	1

RAT AND MOUSE DESTRUCTION

The following gives details of the work carried out during 1971:—

		Com- plaints	No. of Premises Visited	Total No. of Visits	No. of Complete Treat- ments	Bodies
Private Dwellings	rats	268	327	787	159	6
	mice	278	648	1,075	306	2
Business Premises	rats	89	129	223	131	6
	mice	183	252	656	246	1
Agricultural Premises	rats	2	1	9	2	—
	mice	1	1	3	1	—
Local Authorities	rats	14	32	45	22	2
	mice	64	86	132	51	1
Total	rats	373	489	1,064	314	14
	mice	526	1,007	1,866	604	4

SEWER TREATMENT

A 10% test was carried out in July/August/Sept., 220 manholes were baited and 9 of them showed "takes". These nine together with 54 adjoining manholes were treated with Fluoracetamide.

There are very few rats in the Harrogate sewers.

INSPECTION OF FACTORIES

Routine inspections of factories sited in the town were carried out. Most of them were well maintained and complied with the requirements of the Factories Act.

Prescribed Particulars on the Administration of the Factories Act, 1961.

PART I OF THE ACT.

1—Inspections for purposes of provisions as to health.

Premises	Number on Register	Number of		
		Inspec- tions	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ..	62	18	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ..	244	138	6	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ..	10	1	—	—
Total ..	316	157	6	—

2—Cases in which Defects were found.

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	by H.M. Inspector	
Want of cleanliness (S.1)	3	3	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	8	8	—	—	—
(b) Unsuitable or defective	6	6	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
Total	17	17	—	—	—

PART VIII OF THE ACT

Outwork

(Sections 133 and 134)

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

Registered Factories, Factories Act, 1961

	Mechanical Power	No Mechanical Power
Agricultural Machinery	1	—
Baking	24	10
Bicycle Repairs	1	—
Blacksmith	—	—
Blending pig and poultry foods	1	—
Boot and Shoe Repairs	9	5
Builders' Plant Repairs	4	—
Burling and Mending	—	1
Cellulose Spraying	3	—
Chocolate and Sweet Manufacture	2	1
Coal Gas Manufacture	1	—
Corn Milling	1	—
Dentures	1	—
Display stands	1	—
Dress Making	2	11
Dry Cleaning	5	—
Egg Packing	1	—
Electric Generating	1	—
Electric, Television and Radio Repairs	7	1
Engineering	5	—
Firewood Cutting	2	—

Fireplace Manufacture	1	—
French Polishing	1	1
Furrier	2	—
Gas Fitting Repairs	1	—
Ham Boiling	1	—
Ice and Ice-cream Manufacture	2	—
Joinery, Cabinet Making	37	2
Laundries	9	1
Leatherwork	1	—
Letterpress Printing	8	—
Maintenance of research equipment	1	—
Malting	—	—
Man Made Fibres	1	—
Metal Engraving, Working and Sorting	1	—
Milk Pasteurisation	1	—
Millinery	—	2
Monumental Mason	1	—
Motor Spirit Storage	1	—
Motor Vehicle Repairs	51	1
Paint Thinning	—	1
Paper Baling	1	—
Pharmaceutical Products	2	—
Photography	4	1
Picture Framing	—	1
Plumbing	—	3
Printed Circuits	2	—
Pump Repairs, Mechanical	1	—
Raincoat Manufacture	1	—
Refrigerator Repairs	1	—
Rubber Products	1	—
Sausage Making and Pies	6	—
Slaughterhouse	1	—
Soft Furnishings	4	—
Spectacles	3	—
Stone Dressing and Breaking	2	—
Tailoring	2	15
Tents and Canvas Goods	1	—
Tinsmith	2	—
Tyre Repairs	6	—
Upholstery	3	4
Watch Repairs	4	1
Water Filtration and Chlorination	2	—
Weaving	3	—
Weighing Machine Repairs	1	—
Totals	244	62

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

Routine inspections under the above Act have been maintained at the same level. The number of contraventions found by the Inspectors on their visits was 566 compared with 702 in 1970. This indicates that the standard of these premises is continuing to improve.

Annual Report to the Ministry of Labour under Offices, Shops and Railway Premises Act, 1963

Table 'A'

Registration and General Inspections

Class of Premises	No. of premises newly registered in 1971	Total No. of registered premises at end of 1971	No. of registered premises receiving general inspection in 1971
Offices	22	450	161
Retail Shops	16	619	299
Wholesale Shops and Warehouses	—	36	10
Catering Establishments including canteens	1	2	29
Fuel storage places	—	2	—
Totals	39	1,109	499

Table 'B'

No. of visits of all kinds by Inspectors to Registered
Premises 546

Table 'C'

Analysis of Persons employed in Registered Premises

Class of Workplaces	No. of persons employed
Offices	4,264
Retail Shops	2,811
Wholesale depots and warehouses ..	371
Catering Establishments open to the public	794
Canteens	159
Fuel storage depots	15
TOTAL	8,414
Total Males	3,858
Total Females	4,556

Table 'D'—Exemptions

No. of Exemptions current at 31st December, 1970:

under Part I	Space, etc.	.. .. .	Nil
Part II	Temperature	.. .. .	Nil
Part III	Sanitary Conveniences	.. .. .	One
Part IV	Washing facilities	.. .. .	Nil

ACCIDENT REPORTS

1969 Quarter	No. of Accidents Reported in						Total
	i Offices	ii Retail Shops	iii Whole- sale	iv Cater- ing Estabs.	v Can- teens	vi Fuel Storage Depot	
Jan.-Mar.	1	3	—	1	1	—	6
Apl.-June	1	1	—	—	—	—	2
July-Sept.	2	1	—	1	—	—	4
Oct.-Dec.	—	1	—	—	—	—	1
Totals	4	6	—	2	1	—	13

(B) ANALYSIS OF CONTRAVENTIONS

Section	Number of Contraventions found	
4	Cleanliness	18
5	Overcrowding	—
6	Temperature	3
7	Ventilation	—
8	Lighting	2
9	Sanitary conveniences	132
10	Washing facilities	150
11	Supply of drinking water	—
12	Clothing accommodation	1
13	Sitting facilities	—
14	Seats (Sedentary Workers)	—
15	Eating facilities	2
16	Floors, passage & stairs	93
17	Fencing exposed parts machinery	—
18	Protection of young persons from dangerous machinery	11
19	Training of young persons working at dangerous machinery	—
23	Prohibition of heavy work	—
24	First aid	51
	Other matters	103
	TOTAL	566

SMOKE CONTROL

The Housing and Health Committee at their December meeting approved a phased programme of smoke control areas for the whole of the Borough and authorised the submission of the programme to the Department of the environment for approval in principal.

The Corporation's first smoke control area has been approved and will come into operation with effect from the 1st December, 1972.

The first area is at Harlow Hill between Otley Road and Panal Ash covering an area of 168 acres and including 534 premises.

Providing that three smoke control areas can be dealt with per year it will take about seven years to complete smoke control in the town. This will only be possible if an additional Public Health Inspector is appointed.

Two atmospheric pollution recording stations are operated in Harrogate: (i) at the Municipal Offices and (ii) at the Regional Office at the Milk Marketing Board. The following tables show the results obtained from the instruments.

Situation of Instrument	Smoke			Volumetric SO ₂		
	Average Daily Suspended Impurity*	Highest Value	Lowest Value	Average Daily Concentration SO ₂ *	Highest Value	Lowest Value
	Micro-grammes per cubic metre			Micro-grammes per cubic metre		
Harrogate—Ground floor of Municipal Offices, surrounding district residential and commercial	45	336	4	53	301	0
Harrogate—Ground floor of Regional Office, Milk Marketing Board, surrounding district residential and manufacturing	84	337	12	65	336	11

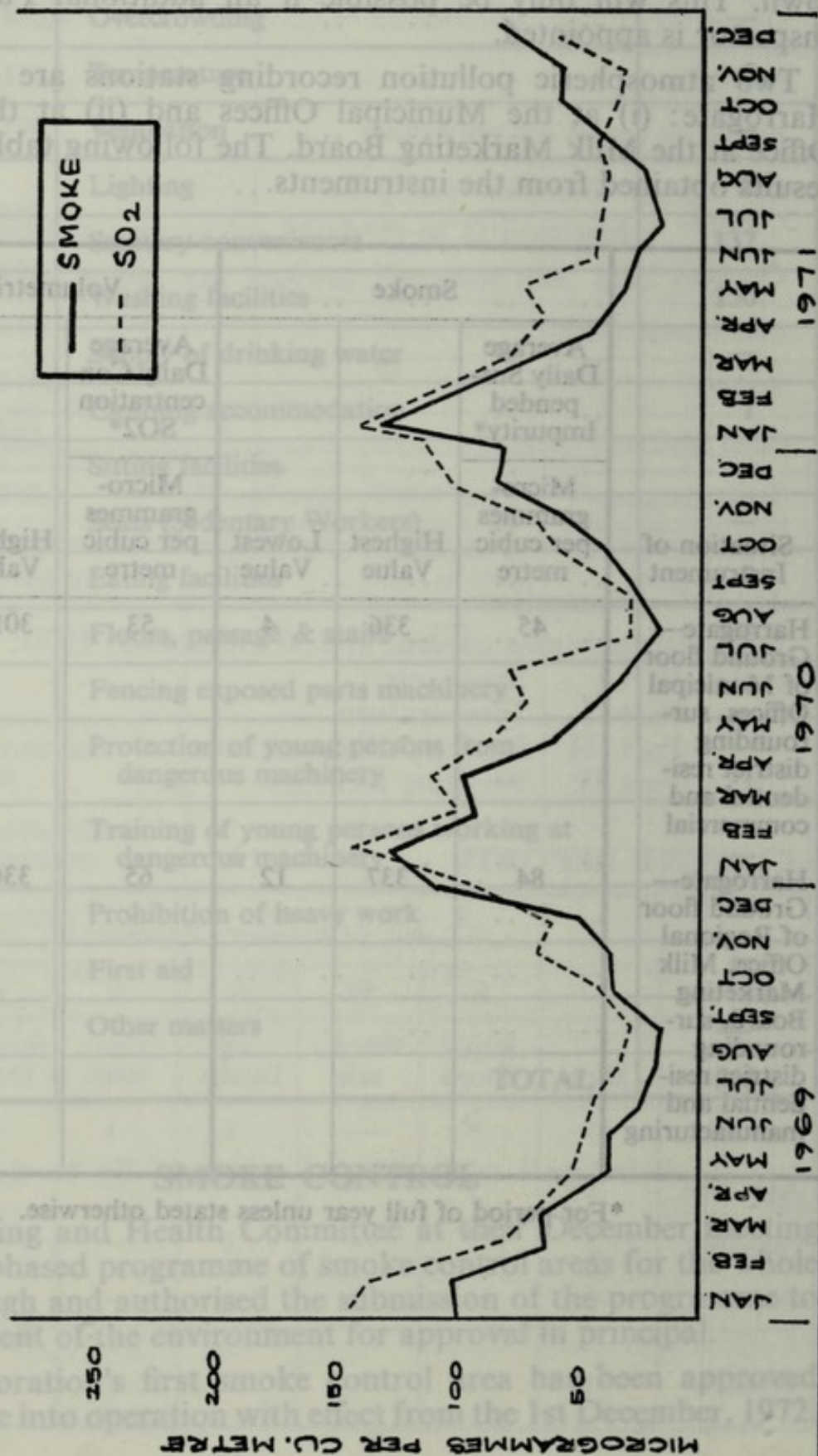
*For period of full year unless stated otherwise.

ATMOSPHERIC POLLUTION

AVERAGE MONTHLY RECORDINGS FOR ALL STATIONS

SMOKE AND SULPHUR DIOXIDE CONCENTRATIONS

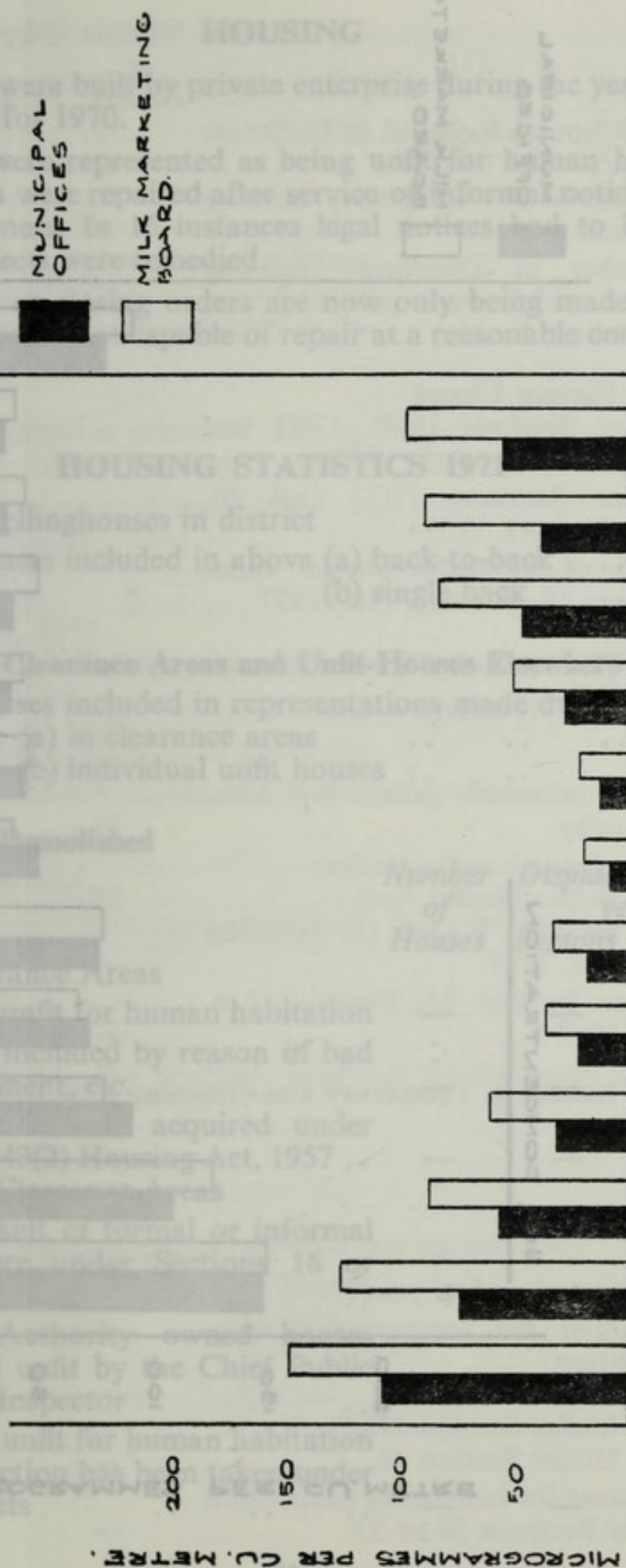
YEARS 1969 - 1971



ATMOSPHERIC POLLUTION 1971

AVERAGE MONTHLY RECORDINGS AT TWO STATIONS

SMOKE CONCENTRATION

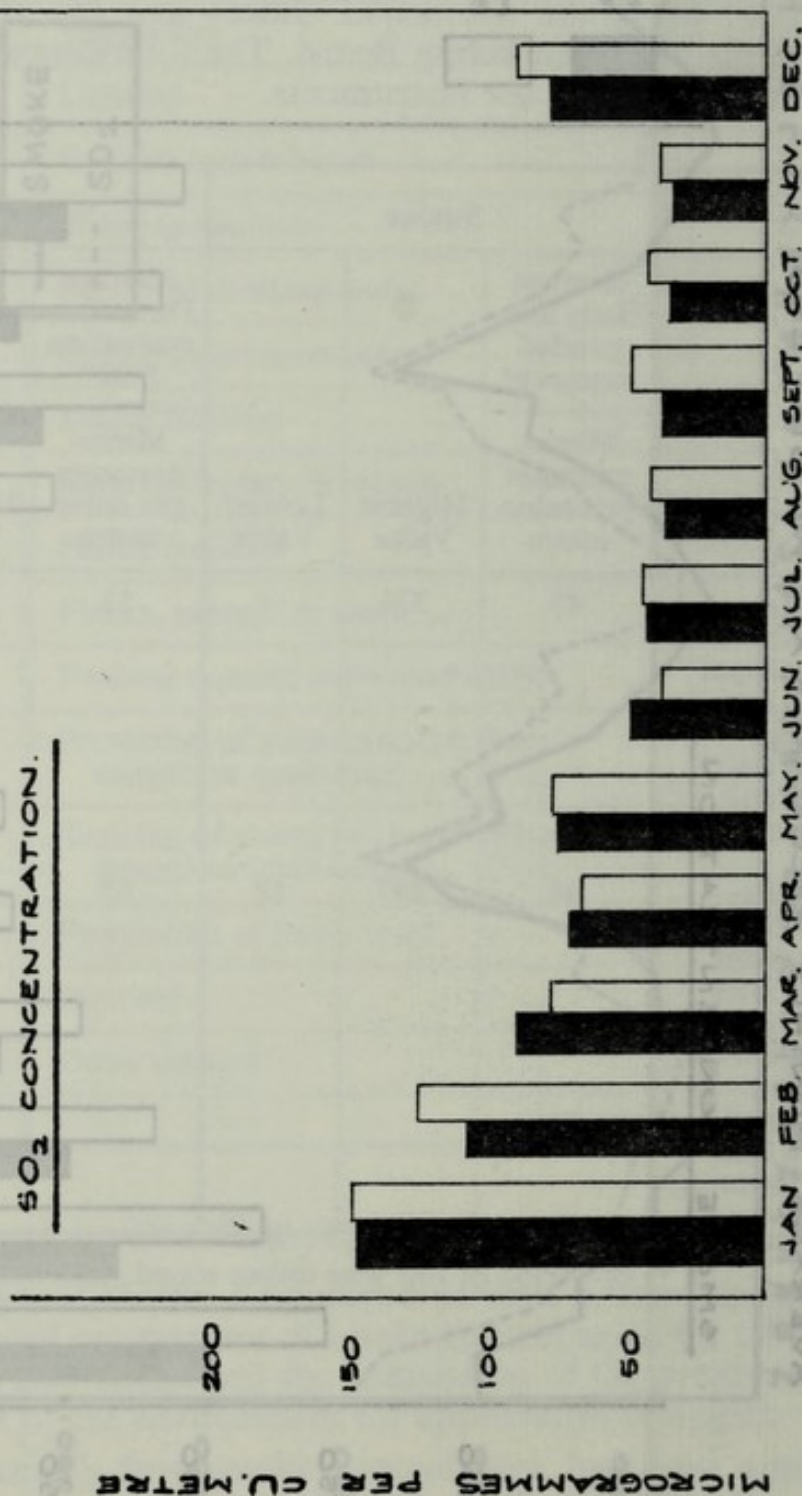


ATMOSPHERIC POLLUTION 1971 AVERAGE MONTHLY RECORDINGS AT TWO STATIONS.

SO₂ CONCENTRATION.

■ MUNICIPAL
 OFFICES

□ MILK MARKETING
 BOARD.



182 houses were built by private enterprise during the year against a total of 305 for 1970.

13 houses were represented as being unfit for human habitation and 99 houses were repaired after service of informal notices on the respective owners. In 16 instances legal notices had to be served before the defects were remedied.

Demolition or closing orders are now only being made on individual unfit houses not capable of repair at a reasonable cost.

1.	No. of dwellinghouses in district	22,597
2.	No. of houses included in above	(a) back-to-back	—
		(b) single back	—
3.	Houses in Clearance Areas and Unfit Houses Elsewhere		
	No. of houses included in representations made during		
	the year	(a) in clearance areas	—
		(b) individual unfit houses	13

	<i>Number of Houses</i>	<i>Displaced during year Persons</i>	<i>Families</i>
In Clearance Areas			
(1) Houses unfit for human habitation	—	—	—
(2) Houses included by reason of bad arrangement, etc.	—	—	—
(3) Houses on land acquired under Section 43(2) Housing Act, 1957 ..	—	—	—
Not in Clearance Areas			
(4) As a result of formal or informal procedure under Sections 16 or 17(1) Housing Act, 1957 ..	4	4	2
(5) Local Authority owned houses certified unfit by the Chief Public Health Inspector	—	—	—
(6) Houses unfit for human habitation where action has been taken under local Acts	—	—	—

	<i>Number of Houses</i>	<i>Displaced during year Persons Families</i>
(7) Unfit houses included in Unfitness Orders	—	—
Unsatisfactory temporary housing accommodation	—	—
A.2. Number of Dwellings included above which were previously reported as closed	2	—
B. Unfit Houses Closed		
(8) Under Sections 16(4), 17(1) and 35(1), Housing Act, 1957	5	7 5
(9) Under Sections 17(3) and 26, Housing Act, 1957	—	—
(10) Parts of buildings closed under Section 18, Housing Act, 1957	2	3 1
C. Unfit Houses made Fit and Houses in which Defects were Remedied		
	<i>By Owner</i>	<i>By Local Authority</i>
(11) After informal action by local authority	71	—
(12) After formal notice under:		
(a) Public Health Acts	28	—
(b) Sections 9 and 16, Housing Act, 1957	—	—
(13) Under Section 24, Housing Act, 1957	—	—
D. Unfit Houses in Temporary Use (Housing Act, 1957)		
	<i>(1)</i>	<i>(2) Number of separate dwellings contained in column (1)</i>
Position at end of year	<i>Number of houses</i>	
(14) Retained for temporary accommodation:		
(a) Under Section 48	—	—
(b) Under Section 17(2)	—	—
(c) Under Section 46	—	—
(15) Licensed for temporary occupation under Sections 34 or 53	—	—

E. Purchase of Houses by Agreement

	(1)	(2)
	Number of houses	Number of occupants of houses in column (1)
(16) Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased in the year	—	—
4. No. of families rehoused during the year into Council owned dwellings:		
(a) Clearance Areas, etc.	—	—
(b) Overcrowding	—	—
5. Rent Act, 1957		
(a) No. of certificates of disrepair granted	—	—
(b) No. of undertakings to execute repairs given by owners to the local authority	—	—
(c) No. of certificates of disrepair cancelled	—	1
6. Overcrowding		
Any comments in connection with this problem	—	—

I am indebted to the Borough Engineer for the under-mentioned information:

7. New Dwellings

No. of new dwellings completed during the year:

Private enterprise:	139 houses
	32 flats
	11 bungalows
Local authority:	48 flats
	2 West Riding school houses

8. Grants for Conversion or Improvement of Housing Accommodation

	<i>Formal applications received during the year</i>	<i>Applications approved during the year</i>	<i>Number of dwellings completed during year</i>
(a) Conversions (The number of dwellings is the number resulting from completion of the work)	62	62	31
(b) Improvements			
(i) Discretionary	144	155	90
(ii) Standard	65	47	41

Land Charges

Requests for information re land charges totalled 2,488 against a figure of 2,202 for last year.

Caravan Sites and Control of Development Act, 1960.

Harrogate Corporation Act, 1935, Section 46.

Tents, Vans and Sheds.

There are no further additions to the number of sites within the Borough. There are 5 sites for caravans and I give below the number of caravans permitted on each of the sites.

The owners of two of the licensed sites which are not up to standard have been asked to bring them up to the standard required by the Model Code for Caravan Sites issued by the Department of the Environment.

	<i>Residential</i>	<i>Holiday</i>
Harrogate Trailer Park	120	44
Village Farm, Old Bilton	66	20
Plantation Avenue	5	—
Village Farm Camping Club	—	28
Total	191	92

WEST RIDING COUNTY COUNCIL (General Powers)

ACT, 1951

Food Hawkers

There are now 51 registered food hawkers and 18 premises used by them for the storage of food. Close supervision is given to persons carrying out this trade and to the vehicles used for conveying food.

Hairdressers and Barbers

Routine inspection of 93 registered hairdressers and barbers was carried out during the year. A high standard has now been attained by persons operating in these premises. The supervision required is virtually negligible. Customers expect and receive hygienic conditions and general cleanliness.

Rag Flock and Other Filling Materials Act, 1951

Five premises are registered under Section 2 of the Act.

Pet Animals Act, 1951

8 inspections were carried out at the six licensed premises. Conditions generally were found to be satisfactory. Attention was given to the housing of animals for sale and the routine to be followed in the event of fire occurring in the building.

Scrap Metal Dealers Act, 1964

There has been an increase in the number of registered premises from 10 in 1970 to 18 in 1971.

INSPECTION AND SUPERVISION OF FOOD MILK SUPPLY: MILK AND DAIRIES REGULATIONS

There are now 230 distributors of milk within the Borough, an increase of 14 over 1970.

Registered	On Register Dec., 31st, 1971
Milk Distributors	230
Dairies	7

The Milk (Special Designation) Regulations, 1960

The following licences were in force at 31.12.71:

Type of Licence	Number
Milk Pasteurisers	1
Dealers Pre-packed Milk	219

Examination of Milk by the Methylene Blue and Phosphatase Tests

The number of samples taken for testing was 66. All were satisfactory.

Class of Milk	Numbers of samples tested	Appropriate Tests	Number of samples	
			Passed	Failed
Pasteurised ..	66	Phosphatase Methylene Blue	64 60	2 6
Total	66	Total	124	8

Bacteriological Milk Sampling in 1971

The number of samples taken for bacteriological testing was 93. 23 samples of untreated milk were taken for Methylene Blue testing. 11 were satisfactory and 12 were unsatisfactory.

66 samples of pasteurised milk were obtained. 64 were satisfactory on Phosphatase testing and 60 satisfactory on the Methylene Blue test. 2 samples of sterilised milk were obtained and subjected to the turbidity test. Both were satisfactory.

SUMMARY OF CHEMICAL ANALYSIS OF MILK SAMPLES FOR 1971

24 samples of milk were submitted to the Public Analyst for examination to ascertain the fat and solids—not-fat content, the presumptive standards being 3% and 8.5% respectively.

The average fat content for milk samples in the town was 3.72% Solids not fat averaged 8.66%.

The Channel Island milk averaged 4.66% fat and 9.03% solids.

Summary of Chemical Analysis of Milk Samples Other than Channel Islands Milk

Period	No. of samples Examined	Averages	
		Fat %	Solids not Fat %
January	—	—	—
February	—	—	—
March	6	3.56	8.51
Quarter ending 31.3.71	6	3.56	8.51
April	—	—	—
May	—	—	—
June	—	—	—
Quarter ending 30.6.71	—	—	—
July	—	—	—
August	—	—	—
September	5	3.80	8.80
Quarter ending 30.9.71	5	3.80	8.80
October	6	4.06	8.83
November	—	—	—
December	4	3.75	8.74
Quarter ending 31.12.71	10	3.90	8.78
Year ending 31.12.71	21	3.72	8.66

Channel Islands Milk

Period	No. of Samples Examined	Averages	
		Fat %	Solids not Fat %
January	—	—	—
February	—	—	—
March	—	—	—
Quarter ending 31.3.71	—	—	—
April	—	—	—
May	—	—	—
June	1	4.29	8.92
Quarter ending 30.6.71	1	4.29	8.92
July	—	—	—
August	—	—	—
September	1	4.85	9.11
Quarter ending 30.9.71	1	4.85	9.11
October	—	—	—
November	—	—	—
December	1	4.70	9.06
Quarter ending 31.12.71	1	4.70	9.06
Year ending 31.12.71	3	4.66	9.03

Registration of Premises Used for the Manufacture, Storage or Sale of Food

Premises registered for the sale of ice-cream now total 315.

46 premises engaged in manufacture of preserved food are registered with the department. Routine inspection of premises and equipment were carried out throughout the year. All proved to be in a satisfactory condition.

	Premises on Register 1970	Premises on Register 1971
Sale and Storage of ice-cream ..	265	315
Manufacture of ice-cream	4	5
Manufacture of preserved food ..	44	46

INSPECTION OF MEAT

The Public Health Inspectors carried out during the year post mortem examinations of the 10,738 animals which were killed at the public slaughterhouse.

As a result of these inspections 4,036 lbs. of diseased meat was condemned. 201 lbs. of it being affected with tuberculosis.

The throughput of animals showed a decrease of 717.

Following a meeting with representatives of the butchers who use the slaughterhouse, revised slaughtering charges were agreed. Proposals were also accepted for making improvements to the slaughterhouse with a view to increasing the throughput of animals.

The platform weigh scale will make it possible for the Certification Officer from the Meat and Livestock Commission to carry out certification which had previously been done outside the Borough.

Other improvements planned for the slaughterhouse include the provision of an electric carcass saw, knife steriliser, improvements to the lairages and renewal of concrete floors.

	<i>Tuberculosis and Other Diseases</i>	<i>Tuberculosis</i>
1958	18,743 lbs.	6,609 lbs.
1959	16,544 lbs.	3,199 lbs.
1960	7,654 lbs.	1,825 lbs.
1961	7,849 lbs.	1,350 lbs.
1962	7,767 lbs.	1,353 lbs.
1963	9,701 lbs.	2,039 lbs.
1964	10,133 lbs.	1,190 lbs.
1965	7,899 lbs.	879 lbs.
1966	11,687 lbs.	592 lbs.
1967	12,816 lbs.	456 lbs.
1968	10,816 lbs.	135 lbs.
1969	10,706 lbs.	276 lbs.
1970	6,508 lbs.	212 lbs.
1971	4,036 lbs.	201 lbs.

Detailed below is the table giving details of unsound meat condemned during the year. Figures represent weight in pounds.

	Whole Carcasses		Part Carcasses		Offal		Total	
	T.B.	Other Causes	T.B.	Other Causes	T.B.	Other Causes	T.B.	Other Causes
Cattle (Excluding Cows) ..	—	—	—	—	—	2,382	—	2,382
Cows	—	—	—	—	—	—	—	—
Calves ..	—	30	—	—	—	—	—	30
Sheep and Lambs	—	150	—	—	—	397	—	547
Pigs	—	289	64	—	137	587	201	876
Total ..	—	469	64	—	137	3,366	201	3,835

Carcases Inspected and Condemned

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed and inspected	1,536	13	31	7,093	2,065
All diseases except Tuberculosis and Cysticerci					
Whole carcases condemned ..	—	—	1	3	1
Carcases of which some part or organ was condemned ..	376	—	1	65	294
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci ..	24.44	—	3.22	09.5	14.28
Tuberculosis only					
Whole carcases condemned ..	—	—	—	—	—
Carcases of which some part of organ was condemned ..	—	—	—	—	21
Percentage of the number inspected affected with tuberculosis ..	—	—	—	—	1.01
Cysticercosis					
Carcases of which some part or organ was condemned ..	7	—	—	—	—
Carcases submitted to treatment by refrigeration ..	7	—	—	—	—
Generalised and totally condemned ..	—	—	—	—	—

PARTICULARS OF DISEASES FOUND IN ANIMALS INSPECTED AT SLAUGHTERHOUSE

The table shows the number of times diseases were found on post mortem inspection of animals.

The number of cases of Fasciola Hepatica showed a reduction from the previous year, and also the number of cases of Ascaris Lumbricoides. Cirrhosis in beasts livers was considerably reduced, and there were no cases of Cirrhosis in sheeps livers.

	Beasts	Calves	Sheep	Pigs	Total
Cirrhosis	6	—	—	3	9
Abscesses	102	—	8	18	128
Cysticercus Bovis.. ..	8	—	—	—	8
Tuberculosis	1	—	—	17	18
Parasitic	—	—	14	1	15
Angioma	4	—	—	1	5
Bruising	3	1	1	2	7
Tumours	—	—	—	—	—
Actinobacillosis ..	5	—	—	—	5
Fatty Infiltration ..	—	—	—	—	—
Pneumonia	13	—	105	239	347
Nephritis	1	—	2	11	14
Fasciola Hepatica ..	289	—	1843	—	1632
Inflammation	2	—	3	1	6
Pericarditis	6	—	7	105	118
Ascaris Lumbricoides ..	—	—	—	909	909
Mastitis	—	—	—	—	—
Emaciation	—	—	—	1	1
Moribund	—	—	—	—	—
Enteritis	—	—	—	—	—
Hydatid Cysts	—	—	—	6	6
Degenerate Cysts ..	2	—	5	2	9
Peritonitis	1	1	—	2	4

SLAUGHTER OF ANIMALS ACT, 1958

There are now 7 licensed slaughtermen on the register.

Number of slaughtermen on register 31.12.70	7
Applications for licences during 1971	7
Number of slaughtermen on register 31.12.71	7

Cysticercus Bovis

During the year eight cases of cystercus bovis were found. This represents a large increase from last year when no cases were found.

PARTICULARS OF OTHER FOODS CONDEMNED DURING THE YEAR, 1971

Approximately 2 tons of food found to be unfit for human consumption was condemned and disposed of at the Council's tip.

This was 1 ton less than last year.

<i>Description</i>	<i>Weight lbs.</i>
TINNED FOOD:	
Fish	5
Fruit	201
Meat	1,029
Milk	42
Soup	12
Vegetables	402
GENERAL:	
Cheese	40
Fish	170
Meat	120
Vegetables	756
Others	1,444
Frozen foods (due to cabinet breakdown	739

Total weight: 2 tons 3 cwts. 34 lbs.

WORK CARRIED OUT AT FOOD PREMISES

Food hygiene is one of the most important aspects of the work of Public Health Inspectors. Visits are made to all food premises as often as possible. Contraventions of the Food Hygiene Regulations found during the years are listed below. Special attention has been paid to obtaining improvements in the kitchens of the larger hotels and catering premises.

The importance of Harrogate as a conference and holiday centre requires that the highest standards be maintained in all food premises in the town.

Articles, apparatus, clothing, cleansed	109
Double sinks provided and washing facilities improved	18
First Aid Kit provided	144
Food protected against flies, dust, etc.	2
Kitchen fittings re-sited	4
Lighting improved	15
Lockers for storage of employees' clothing provided	8
Sanitary accommodation provided, improved or cleansed	241
Table tops made impervious	21
Ventilation provided or improved	10
Walls, ceilings, floors, etc., cleansed	329
Walls, ceilings, floors, etc., repaired	74
Washing facilities maintained (personal)	907
Washing facilities provided (personal)	20
Washing facilities improved and maintained (food and utensils)	882
Miscellaneous	2

There are 1,022 food premises in the Borough classified as follows:

Cafes, etc.	53
Clubs-hotels	131
General food shops	162
Ice-cream	275
Butchers: Meat preparation premises	54
Fried fish shops	30
Wet fish shops	10
Bakehouses	29
Dairies-milk shops	144
School canteens	24
Other canteens	34
Confectioners	26
Hawkers	47
Market Hall	1
Wholesale depots	2

LEGAL PROCEEDINGS

Three food and drugs samples were found to be not genuine. One of these was a packet of artificial sweetening containing cyclamates tablets given with the artificial sweetening as free samples. In this case the remaining stocks were withdrawn from sale and destroyed.

The other two cases were beef sausage and potted meat, which were deficient in meat content. The sample of potted meat had a meat content of 59.8% and should have had a meat content of 95.8% as required by the Meat and Fish Spreadable Products Regulations. The manufacturers were fined £20. The beef sausage was deficient in lean meat content, and as the margin was a small one a warning was sent to the manufacturer concerned.

<i>Food</i>	<i>Action taken</i>
Foreign body in loaf	Fined £25
Mouldy Iced Tart Melba	Fined £50
Smelling Orange Cream Tart	Fined £10
Mouldy Butter	Fined £20
Splinter of wood in loaf	Fined £5
Mouldy loaf of bread	Fined £15
Mouldy load of bread	Fined £15
Mouldy load of bread	Fined £15
Maggots in toffees	Warning letter
Mouldy bread buns	Fined £10
Mouldy loaf	Fined £20
Foreign body in bread	Warning letter
Foreign body in sausage	Fined £15
Foreign body in slab cake	Fined £15
Foreign body in mincemeat	Warning letter
Foreign body in vanilla slice	Warning letter

FOOD AND DRUGS ACT, 1955

During the year 58 samples were taken for chemical analysis, 45 of these being formal and 13 were informal.

Article	Formal	Informal
Milk	24	—
Calves' Liver Sausage	—	1
Beef Sausage	4	—
Thin Pork Sausage	1	—
Pork Sausage	2	—
Pork Sausage Meat	1	—
Brawn	2	—
Tomato Soup	—	1
Fluffy Mashed Potato	—	1
Cadbury's Smashers	—	1
Potted Meat	1	—
Meat Paste	1	—
Salmon Paste	—	1
Beef Paste	—	1
Ham & Tongue Paste	—	1
Curry Powder	—	1
Pepper	—	1
Black Pepper	—	1
Creamed Horseradish	—	1
Double Cream	—	1
Blackcurrant Health Drink	—	1
Whisky	6	—
Chicken Curry	1	—
Apricot Jam	1	—
Broccoli-Cauliflower	1	—
Total ..	45	13

POULTRY INSPECTION

Number of processing premises	1
Number of visits made to these premises during the year	28
Total number of birds processed during the year	3,841
Types of birds processed: turkeys, ducks, hens, broilers, capons, etc.	
Percentage of birds rejected as unfit for human consumption	0.80
Weight of poultry condemned as unfit for human consumption	112 lbs.

PUBLIC CLEANSING—HOUSEHOLD AND TRADE REFUSE

1st April, 1971 to 31st March, 1972

Collection of Refuse

Refuse was collected from 26,249 houses and other premises within the Borough.

32,382 bins and 270 $1\frac{1}{4}$ cu. yd. containers are emptied once every seven days. The average number of bins dealt with per man per day was 185 and a team of four averaged 3,700 per week. The number of bins emptied per man per day is very high, particularly in view of the large number of houses in Harrogate where the distance which the bin has to be carried is considerable.

Most of the workmen employed on refuse collection have been with the Corporation for a lengthy period and we have an extremely small turnover of workmen. This, I feel, is due mainly to the bonus scheme.

In April one refuse collection district (District 'H') Pannal area, was converted to the plastic sack system of refuse storage using $3\frac{1}{4}$ cu. ft. plastic tubs as sack holders. Altogether 3,203 tubs were issued in this area. The scheme has been very successful and has been well received by the residents and the men.

The time saved in not having to return empty bins made it possible to reduce the size of the refuse collection crew from a driver and four loaders to a driver and three loaders. The Corporation intend to extend this system of refuse storage to a further district each year until the whole town is converted to this system.

Collecting Vehicles

The refuse waggons have on the whole given good service and the standard of maintenance and cleanliness of the waggons is high. The drivers take a pride in their vehicles and every effort is made to ensure that repairs are dealt with before major work is necessary.

All the refuse vehicles average two journeys to the tip per day. A new and larger type of side loading waggon was purchased during the year and is proving to be a most useful vehicle for the collection of salvage from trade premises.

Make	Type	Year	Capacity (cu. yds.)
One Karrier	Derby/Salvage	1971	14
Four S. & D.	Pakamatic ram compression	1965	35
		1966	35
		1967	35
		1967	35
Six Karrier	Musketeer screw compression	1968	60
		1969	60
		1969	60
		1969	60
		1969	60
		1971	60
One S. & D.	Fore and Aft	1970	15
Two S. & D.	Fore and Aft Bulk Loader	1970	35
		1971	35
One Karrier	5 ton tipper	1969	
One Karrier/Shepherd Meiller	Container Handler	1971	12

Trade Refuse

The following are the charges made for the collection of trade refuse:

annual charge made for all bins in excess of one per week—

cost per bin, approximately 5p.

35p per 1½ cu. yd. container.

Hotel Refuse

One free collection is made per week. For each weekly collection in addition to the former the sum of £10.50 per annum is charged.

Private Tipping

The charges made for the private tipping of refuse by individuals are 50p per load up to 2 tons, and £1.00 per load over 2 tons.

During the year 2,253 loads of refuse were disposed of on this basis yielding a revenue of £1,126.50.

Tonnage Collected

26,475 tons of household and trade refuse were collected during the year against 26,788 tons for 1970/71.

**Estimated tonnage of Materials
Handled by Cleansing Department, 1971—72**

Type	Collection	Disposal
Household Refuse	20,488	23,607
Trade Refuse	4,506	4,506
Covering Materials	729	1,394
Night Soil	—	2
Salvage	1,481	—
Road Sweepings and Street Gully Solids ..	—	3,510
Trade Refuse (disposal only, not collected by Cleansing Department)	—	2,503
Materials delivered to tips by other departments	—	856
Total ..	27,204	36,378

Hours Lost Through Sickness and Accidents

5,808 hours were lost through sickness, an increase of 1,248 on the previous year.

The hours lost because of accidents showed a decrease of 20, the figures being 148 in 1971/72 against 168 hours in 1970/71.

Refuse Disposal

Tipping continued at Leconfield Quarry, Spofforth, until the end of August.

Completion of tipping at this quarry is expected to take place during the summer of 1972.

In July work commenced on the demolition of Stonefall Brickworks. This was completed in August when the 145 ft. chimney was demolished. Most of the bricks were used to make a very substantial roadway into the tip. An ex-Civil Defence are pump was purchased to complete the pumping out of the 35,000,000 gallons of water from the clay pit.

Tipping of refuse at Stonefall commenced at the beginning of September. It is estimated that the tip will last about five years.

Amenity Tip

In June a container handling vehicle was purchased together with a number of 12 cu. yd. skips. The skips are sited in a trench to make a convenient height for the general public to deposit their garden and bulky refuse.

This amenity tip continues to be very popular, particularly at week-ends during the summer months. Additional skips were obtained later in the year in order to cope with the quantity of refuse being deposited. Provision is also being made to extend the tip in 1972.

It is estimated that 500 tons of refuse is being deposited in these skips per month, including a considerable amount from outside the district.

Salvage

A sum of £14,437 was received from the sale of waste paper. The tonnage of waste paper was 11 tons higher than in 1970/71. Two men are employed in the paper baling depot.

The quantity of scrap metal sold increased from 96 tons in 1970/71 to 114 tons in 1971/72. The income from this source was £520.

The following table shows how the 1971/72 amount was made up:

Materials	Tons	Cwts.	Qrs.	£ p
Waste Paper	1,367	0	0	14,437.00
Scrap Tins	114	0	0	530.00
Totals	1,481	0	0	14,967.00

PUBLIC CLEANSING COSTS FOR YEAR ENDING 31st MARCH, 1972

The table below gives the financial statistics for refuse collection and disposal.

The total cost per ton for refuse disposal was £0.30.

Salvage sold averaged £0.22 per head of population.

The net cost of collection and disposal was £5.04 per ton.

Labour was responsible for 55% of the total cost and transport 32%.

Item	Particulars 1	Collec- tion 2	Dis- posal 3	Totals 4	Percen- tage of total gross expen- diture 5
	Revenue Account	£	£	£	%
1	Gross Expenditure				
	(i) Labour	72,578	12,138	84,716	55
	(ii) Transport	50,148	—	50,148	32
	(iii) Plant, equipment, land and other buildings	3,564	13,718	17,282	11
	(iv) Other items	765	2,062	2,827	2
	(v) Total gross expenditure	127,055	27,918	154,973	100
2	Gross Income	1,557	16,928	18,485	
3	Net Cost	125,498	10,990	136,488	—
4	Capital expenditure met from revenue (included above)	£ 6,531	£ 8,528	£ 15,059	—
	Unit Costs	£	£	£	
5	Gross cost per ton, labour only	2.74	0.33	3.07	—
6	Gross cost per ton, transport only	1.89	—	1.89	—
7	Net cost (all expenditure per ton)	4.74	0.30	5.04	—
		£	£	£	
8	Net cost per 1,000 population	1,977	173	2,150	—
9	Net cost per 1,000 premises	4,781	419	5,200	—

OPERATIONAL STATISTICS

10. Area (statute acres)—land and inland water	8,320																		
11. Population at 30th June, 1971 (Registrar General's Estimate)	63,470																		
12. Percentage of total refuse collected (tons) weighed ..	4.00%																		
13. Total refuse collected (tons). Estimated from regular test weighings	26,475																		
14. Weight (cwts.) per 1,000 population per day, 365 days to year	23.01																		
15. Number of premises from which refuse is collected ..	26,249																		
16. Premises from which collections are made at least once weekly	100%																		
17. Average haul, single journey to final disposal point ..	4.7 (miles)																		
18. Kerbside collection expressed as estimated percentage of total collection	Nil																		
19. Total refuse disposed of	36,378 (tons)																		
20. Methods of disposal (salvage excluded) controlled tipping	100%																		
21. Salvage. Analysis of income and tonnage:																			
	<table><tr><td></td><td><i>Income</i> (Included in Item 2) £</td><td><i>Tonnage</i> Collected (Included in Item 13) Tons</td></tr><tr><td>(a) Raw Kitchen Waste</td><td>—</td><td>—</td></tr><tr><td>(b) Scrap Metal</td><td>530</td><td>114</td></tr><tr><td>(c) Waste Paper</td><td>14,437</td><td>1,367</td></tr><tr><td>(d) Other Salvage</td><td>—</td><td>—</td></tr><tr><td>(e) Totals</td><td>14,967</td><td>1,481</td></tr></table>		<i>Income</i> (Included in Item 2) £	<i>Tonnage</i> Collected (Included in Item 13) Tons	(a) Raw Kitchen Waste	—	—	(b) Scrap Metal	530	114	(c) Waste Paper	14,437	1,367	(d) Other Salvage	—	—	(e) Totals	14,967	1,481
	<i>Income</i> (Included in Item 2) £	<i>Tonnage</i> Collected (Included in Item 13) Tons																	
(a) Raw Kitchen Waste	—	—																	
(b) Scrap Metal	530	114																	
(c) Waste Paper	14,437	1,367																	
(d) Other Salvage	—	—																	
(e) Totals	14,967	1,481																	
22. Trade Refuse:																			
Income	3,515	4,506																	

UNITED OPERATIONAL STATISTICS CLUB

2791 CHAM WIE

10. Area (statute acres)—land and inland water .. 8,320

11. Population at 30th June, 1971 (Registrar General's Estimate) .. 68,470

12. Percentage of total refuse collected (tons) weighed .. 4.00%

13. Total refuse collected (tons) Estimated from regular test weighings .. 26,472

14. Weight (cwt.) per 1,000 population per day, 365 days .. 32%

15. Number of premises from which refuse is collected .. 23,01

16. Premises from which collections are made at least once weekly .. 26,249

17. Average haul, single journey to final disposal point (miles) .. 100%

18. Kerbside collection expressed as estimated percentage of total collection .. 4.7

19. Total refuse disposed of .. Nil

20. Methods of disposal (salvage excluded) controlled tipping .. 36,378

21. Salvage. Analysis of income and tonnage: .. 100%

22. Trade Refuse: ..

(a) Raw Kitchen Waste ..

(b) Scrap Metal ..

(c) Waste Paper ..

(d) Other Salvage ..

(e) Totals ..

Net cost per ton ..

Net cost per 1,000 population ..



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