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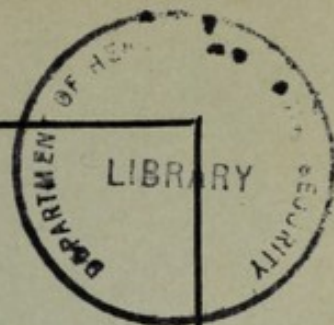
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BOROUGH OF HARROGATE

ANNUAL REPORT

OF THE

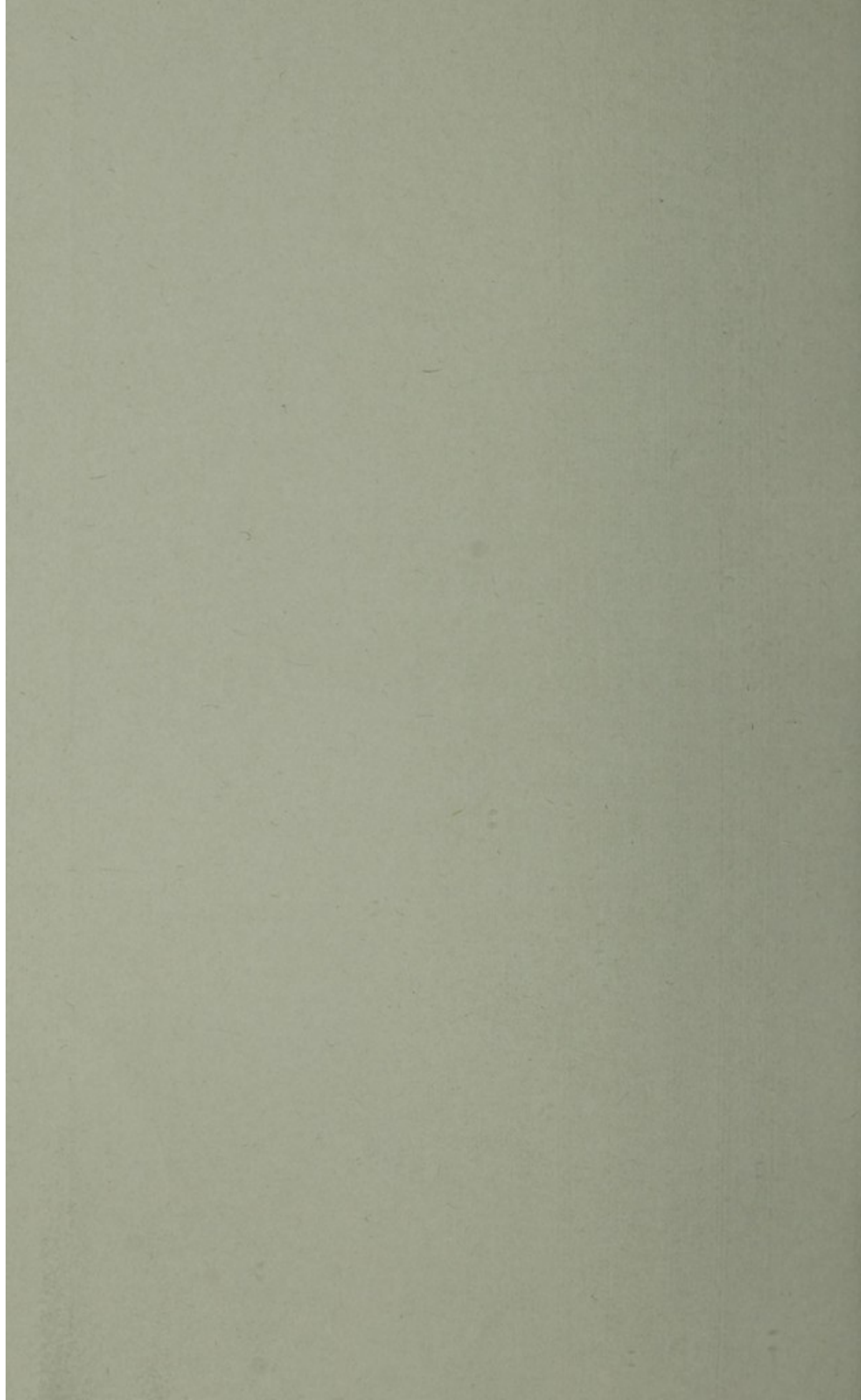
MEDICAL OFFICER OF HEALTH

AND

PUBLIC HEALTH INSPECTOR

For the Year

1972





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Audiometry	22
B.C.G. Vaccinations	35
Birth and Birth Rates	8 and 25

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MEDICAL OFFICER OF HEALTH

AND

PUBLIC HEALTH INSPECTOR

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND

PUBLIC HEALTH INSPECTOR

For the Year

1972

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HEALTH SUB-COMMITTEE

Chairman: Councillor R. B. Pullan

Coun. Mrs. A. P. Cotes

" F. Davison

" Mrs. P. B. Hunt

" Mrs. K. M. Whitley

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

N. V. HEPPLER,
Medical Officer of Health.

THE HOUSING AND HEALTH COMMITTEE

as at 31.12.72

Chairman: Councillor Mrs. P. B. HUNT

Vice-Chairman: Alderman F. W. ALLUM

Ald. F. W. ALLUM

Coun. G. HORNER

„ Miss G. A. STEPNEY

„ Mrs. P. B. HUNT

Coun. Miss J. BINNS

„ R. B. PULLAN

„ Mrs. A. P. COTES

„ Mrs. K. M. WHITELEY

„ F. DAVISON

Ex-officio Members

THE MAYOR (Councillor F. A. Rotherham)

Chairman of Finance Committee: Alderman H. S. HITCHEN

HEALTH SUB-COMMITTEE

Chairman: Councillor R. B. Pullan

Coun. Mrs. A. P. COTES

Coun. R. B. PULLAN

„ F. DAVISON

„ Mrs. K. M. WHITELEY

„ Mrs. P. B. HUNT

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 for 1972 on the health of the Borough and the activities of the health department.

A great deal of time and effort has been spent by your officers in assembling information and producing plans for the new structure of the health services which will come into being in April, 1974.

The Medical Officer of Health disappears from the scene after some 125 years and preventive medicine will be the responsibility of the new Area and Regional Health Authorities which are being set up. The National Health Service will also be responsible for giving the medical advice which local government authorities will require in connection with their work. We must hope that these revolutionary changes in local government and health service administration will result in an improved service to the public.

I am indebted to the members of the Council and to my Colleagues for much help and kindness.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

N. V. HEPPLÉ,
Medical Officer of Health.

PUBLIC HEALTH STAFF

as at 31.12.72

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 Miss W. Armitage

Mrs. R. M. Jervis Miss G. Banwell

* 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 1972) ..	64,280
Area (in acres)	8,320
Number of inhabited houses, March 31st, 1972 ..	23,077
Rateable Value, March 31st, 1972	£2,826,614
Sum represented by a penny rate, March 31st, 1972 ..	£26,676

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 621 men and 105 women registered as unemployed at the local exchange which also covers Knaresborough and adjacent areas. The unemployment percentage figure was 2.4 which was below the national average of 3.3.

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR 1972

Live Births:	<i>Male</i>	<i>Female</i>	<i>Total</i>
Legitimate	389	346	735
Illegitimate	36	52	88
Total	425	398	823
Crude birth rate per 1,000 population			12.8
Adjusted birth rate			13.8
Area Comparability Factor			1.08
Still births:	<i>Male</i>	<i>Female</i>	<i>Total</i>
Legitimate	6	10	16
Illegitimate	—	—	—
Still birth rate per 1,000 total (live and still) births			19.1
	<i>Male</i>	<i>Female</i>	<i>Total</i>
Deaths	400	488	888
Crude death rate per 1,000 population			13.8
Adjusted death rate			10.6
Area Comparability Factor			0.77

Maternal Mortality:

There were no maternal deaths in Harrogate during 1972.

Infant Mortality:	Male	Female	Total
Legitimate	8	3	11
Illegitimate	1	2	3

Death Rate of infants under 1 year of age:

All infants per 1,000 live births	17.0
Legitimate infants per 1,000 legitimate births	15.0
Illegitimate infants per 1,000 illegitimate births	34.0

NOTES ON VITAL STATISTICS

Births

The birth rate of 13.8 was 0.1 lower than in 1971. The rate for England and Wales was 14.8.

Deaths

The death rate of 10.6 was 0.1 higher than in the previous year and compared favourably with the national rate of 12.1.

The principal causes of death were:

Heart diseases (excepting Ischaemic heart disease)	69
Ischaemic heart disease	261
Cerebrovascular disease	114
Malignant neoplasms, Leukaemia, including neoplasms of lymphatic and haematopoietic tissue	172
Pneumonia, bronchitis, emphysema and asthma	80

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

Natural Increase of Population

The number of deaths exceeded the number of births by 65.

Infant Mortality

14 children under one year of age died during the year, giving an infantile mortality rate of 17.0 per 1,000 live births, as compared with 12.0 for the previous year and 17.0 for England and Wales.

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

Cause of Death	1971	1972									
		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	-	-	-	2	-	-	-	-	2
Pneumonia	3	1	-	-	1	2	1	1	-	-	4
Bronchitis	-	-	-	-	-	-	-	1	-	-	1
Respiratory Distress Syndrome	4	3	-	-	-	3	-	-	-	-	3
Congenital Abnormalities ..	1	2	-	-	-	2	-	-	-	-	2
Injury at Birth	1	-	-	-	-	-	-	-	-	-	-
Other Causes	1	-	-	-	-	-	2	-	-	-	2
Totals ..	10	8	-	-	1	9	3	2	-	-	14

Cremations

During 1972 there were 1,085 cremations at the Stonefall Crematorium of whom 656 had been Harrogate residents.

Causes of Death.
Registrar-General's Return, 1972

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..	—	—	—
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	—	—	—
19 Malignant neoplasms, Leukaemia, includ- ing neoplasms of lymphatic and haemato- poietic tissue	73	99	172
20 Benign neoplasms and neoplasms of un- specified nature	—	3	3
21 Diabetes mellitus	6	5	11
22 Avitaminoses and other nutritional deficiency	—	—	—
23 Anaemias	—	1	1
24 Meningitis	—	1	1
25 Active rheumatic fever	—	—	—
26 Chronic rheumatic heart disease	3	3	6
27 Hypertensive disease	2	8	10
28 Ischaemic heart disease	142	119	261
29 Other forms of heart disease	18	35	53
30 Cerebrovascular disease	33	81	114
31 Influenza	3	4	7
32 Pneumonia	23	26	49
33 Bronchitis, emphysema and asthma	22	9	31
34 Peptic ulcer	3	3	6
35 Appendicitis	—	1	1
36 Intestinal obstruction and hernia	3	2	5
37 Cirrhosis of liver	1	2	3
38 Nephritis and nephrosis	1	—	1
39 Hyperplasia of prostate	1	—	1
40 Abortion	—	—	—
41 Other complications of pregnancy, child- birth and puerperium	—	—	—
42 Congenital anomalies	5	1	6
43 Birth injury, difficult labour and other anoxic and hypoxic conditions	1	1	2
44 Other causes of perinatal mortality	2	1	3
45 Symptoms and ill-defined conditions	—	4	4
46 All other diseases	40	57	97
47 Motor vehicle accidents	7	2	9
48 All other accidents	7	15	22
49 Suicide and self-inflicted injuries	4	5	9
50 All other external causes	—	—	—
Total	400	488	888

VITAL STATISTICS OF HARROGATE FOR 1972 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
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
1972	64,280	823	13.8	14	17.0	888	10.6

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 one occasion during the year.

A message was received that an elderly lady was helpless in bed with the back door unlocked. When visited she was found with black hands, in a wet bed, and unable to move without assistance. She had no relatives and occasional meals were being provided by the next door neighbour. She refused to go to hospital. After a further visit an Order was obtained and she was admitted to the Harrogate General Hospital.

HEALTH SERVICES PROVIDED BY THE COUNTY COUNCIL

REPORT OF DIVISIONAL MEDICAL OFFICER FOR 1972 DIVISION No. 7

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2. Divisional Staff
3. School Health Service
4. Speech Therapy
5. Cardiac Clinic
6. Child Guidance Clinic
7. Care of Mothers and Young Children
8. Midwifery
9. Health Visiting
10. Home Nursing
11. Vaccination and Immunisation
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	.. ..	64,280
Ripon City	.. ..	11,870
Knaresborough Urban District	.. ..	11,770
Nidderdale Rural District	.. ..	17,700
Ripon and Pateley Bridge Rural District	.. ..	14,170
Total	.. ..	<u>119,790</u>

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.
Katherine H. Odling-Smee, M.B., Ch.B.
Isobel Critchley, M.B., Ch.B.
Margaret E. Manning, M.B., Ch.B.

} Clinic doctors
working on a
sessional basis

**Part-time from Regional Hospital Board.*

Dental Officers

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

Mr. C. M. Morris, L.D.S.

Miss R. Sclare, L.D.S. (Orthodontic Consultant, part-time in Division 7)

Mr. R. F. Grainger, L.D.S. (part-time in Division 7)

Miss R. Grimwood, L.D.S. (part-time in Division 7)

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

Dental Assistants

Full-time 2

Part-time in Division 7 3

Child Guidance Staff (part-time in Division 7)

Psychologists 2

Psychiatric Social Worker 1

Remedial Teacher 1

Clerical 2

Speech Therapists

Full-time 1

Part-time 2

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 4

Assistant Health Visitors (part-time) 5

Home Nurses 14

Home Nurses (part-time) 4

Home Nurse Midwives 9

Midwives 5

Administrative

Divisional Administrative Officer 1

Clerical 16

Clerical (part-time) 1

Domestic Staff, etc.

Cleaners (part-time) 17

Caretaker, Health Centre, Knaresborough Road 1

Driver/Handyman 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.

Defective vision requiring treatment formed 35.78% 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
1968 and later	34	34	—	—	—	1	1
1967	805	804	1	—	26	103	124
1966	740	738	2	—	22	91	110
1965	324	324	—	—	9	31	36
1964	368	368	—	628	22	44	61
1963	207	207	—	515	19	30	46
1962	181	181	—	64	9	24	28
1961	258	258	—	741	27	21	45
1960	205	205	—	720	9	17	25
1959	81	81	—	15	7	12	18
1958	70	70	—	42	8	8	15
1957 and earlier	465	465	—	757	46	16	61
TOTAL	3,738	3,735	3	3,482	204	398	570

B. Other Inspections

Number of Special inspections	384
Number of re-inspections	922
Total	1,306

C. Infestation with Vermin

- (a) Total number of individual examinations of pupils in schools by School Nurses or other authorised persons 30,742
- (b) Total number of individual pupils found to be infested 322
- (c) Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2), Education Act, 1944) —
- (d) Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3), Education Act, 1944) —

1.04% of the children examined were found to have dirty heads, compared with 2.6% in 1971, and 1.6% in 1970.

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 ..	23	49	5	10	45	40	73	99	6	6
Eyes										
(a) Vision ..	48	111	46	132	110	210	204	453	29	86
(b) Squint ..	10	37	—	5	9	13	19	55	1	18
(c) Other ..	2	7	—	—	2	5	4	12	1	5
Ears										
(a) Hearing ..	13	37	2	31	11	113	26	181	2	57
(b) Otitis Media ..	3	14	—	1	4	15	7	30	1	1
(c) Other ..	—	1	—	1	3	4	3	6	1	1
Nose and Throat ..	12	102	2	12	11	70	25	184	3	4
Speech ..	29	24	—	2	24	22	63	48	4	4
Lymphatic Glands	—	6	—	1	1	10	1	17	—	—
Heart ..	5	20	1	10	3	18	9	48	2	5
Lungs ..	14	34	—	10	5	37	19	81	5	6
Developmental:										
(a) Hernia ..	—	10	—	—	3	7	3	17	—	—
(b) Other ..	2	38	—	—	9	33	11	71	—	4
Orthopaedic										
(a) Posture ..	2	5	2	—	1	4	5	9	—	1
(b) Feet ..	35	88	2	6	25	61	62	155	2	8
(c) Other ..	5	16	6	12	4	15	15	43	—	4
Nervous System:										
(a) Epilepsy ..	1	5	5	—	4	7	10	12	1	3
(b) Other ..	10	60	4	1	15	45	29	106	2	3
Psychological:										
(a) Development ..	4	9	6	—	4	27	14	36	1	9
(b) Stability ..	2	53	3	—	11	96	16	89	—	1
Abdomen ..	19	8	7	3	9	6	35	17	—	2
Other ..	9	23	1	2	15	19	25	44	3	10

(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	458
Errors of refraction (including squint)	488
Total	946
Number of Pupils for whom spectacles were prescribed	325

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	156
(c) for other nose and throat conditions	64
Received other forms of treatment	36
Total	256

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

(a) in 1972	—
(b) in previous years	8

Orthopaedic and Postural Defects

Number of pupils known to have been treated at clinics or out-patient departments	86
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.

407 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	4	—	—
Partially sighted	5	3	—	—
Deaf	—	5	—	—
Partially hearing	11	7	—	—
Educationally sub-normal	81	129	10	2
Epileptic	11	2	—	—
Maladjusted	14	20	1	—
Physically handicapped ..	59	18	2	2
Delicate	—	2	—	—
Double defect	*5	†10	‡3	—
Total	187	200	16	4

*1 Part Sight/Esn.
3 Phys. Hand/Esn.
1 Epileptic/ESN.

†8 Phys.. Hand/Esn
1 Phys. Hand/Malad.
1 Part. Sight/Malad.

‡2 Phys. Hand/Esn.
1 Esn./malad

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. 1,421 school children in this group were tested in 1972, of whom 41 were referred for further investigation.

Deafness testing in infancy is also carried out by the health visitors. Stage 1 appointments are issued at 6½ months and are repeated for those who fail to attend. Stage 2 appointments are issued at 18 months for failed to attend and failed on test Stage 1. Stage 3 appointments are issued at 30 months for failed to attend and failed test on Stage 2. Stage 4 appointments are issued at 4 years 6 months for failed to attend and failed test on stage 3. A further appointment is made for those children who fail to keep the first appointment for 4 years 10 months.

4. SPEECH THERAPY

207 new cases were treated during the year and the treatment of 153 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 140 domiciliary visits were made.

5. CARDIAC CLINIC

During 1972 ten sessions of the Cardiac Clinic were held when 95 children made a total of 100 attendances. There were twelve new cases, eight of whom had been discovered to have heart defects at routine school medical examination while two had been referred by another consultant. Only two babies were referred to the Clinic by their family doctors as Dr. Clarke prefers to see infants with heart defects at his Paediatric Clinic. It follows inevitably that, as older children are discharged and fewer babies come to the Clinic, the number of patients gets less and Cardiac Clinics can be held only at infrequent intervals.

During the period under review four children were transferred to the Adult Cardiac Clinic at Harrogate Hospital, four left the area and twelve were returned to the care of their own doctors.

6. CHILD GUIDANCE CLINIC

150 new cases, 116 boys and 34 girls, were seen during 1972. 142 of these cases were referred from this Division as follows:—

	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Divisional Medical Officer	40	11	51
General Practitioners	16	7	23
Head-teachers	13	2	15
Paediatrician	27	6	33
Parents	7	2	9
Others	6	5	11
	<hr/>	<hr/>	<hr/>
	109	33	142
	<hr/>	<hr/>	<hr/>

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

“As this is the last Annual Report I shall prepare in respect of the Harrogate Child Guidance Clinic, I am prepared to enjoy the luxury of ‘blowing my own trumpet’ to the extent of admitting a measure of satisfaction in the work which has developed at the clinic both in spread and in depth.

With two provisos. The first that the clinic which I took over in 1960 from Dr. Jack Kahn (although only operating one day per week) had already established a close liaison with the community and those caring for the children referred to us. Secondly, it is, of course, the members of the clinic team as a whole who are responsible for the growth and achievements of the clinic.

1972 proved to be a "bumper year" in respect of new referrals seen (150 cases, 116 boys and 34 girls) and the scope of the work done. The fact that we have had 2 Psychologists working between them 9 sessions per week, and for the most part of the time 3 Social Workers in training, in addition to full time Psychiatric Social Work Supervisor, has meant that we have, I think, been able to offer a very good service to the cases referred to us. The members of the team, particularly the Psychologists, but in some cases where appropriate, the Social Workers also, have been utilised in treatment of individual children and the families. In some cases the Psychiatric Social Worker has seen a group of mothers while the same mothers were being seen individually by student Social Workers. This and other similar arrangements have meant that these families have received speedier and more efficient help.

We have continued to have large numbers of visitors to the clinic particularly from Head Teachers and other teachers, and I think this has been one of the very useful aspects of the work here, also we have been able to have a closer contact with Family Doctors and with the Paediatrician. Students from the Institute of Education in Leeds have been able to contribute to our discussions from their own experience.

In spite of accommodation difficulties the work of the Remedial Teacher has flourished. A greater problem than accommodation has really been the amount of work which could well justify an additional teacher, since the work is so important as it often does away with the necessity of a child going away from home

I would like to thank my colleagues at the clinic, both past and present, for the high standard of work which they have always maintained and for their constant support and loyalty to me, and the reliable and devoted secretaries, particularly Mrs. Ramsbottom who has also left the clinic this year, and to Miss Griffin, Chief Nursing Officer, for her help and co-operation. I would also like to bid a regretful farewell to Dr. Hepple and my other good friends at the Health Department in Harrogate.

I hope that the clinic will continue to flourish. It is most important that the work should be carried on".

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	17	—	1,946	24	1,987
(b) Add Inward Transfers	—	—	55	2	57
(c) Total Notifications received	17	—	2,001	26	2,044
(d) Deduct Outward Transfers	—	—	480	5	485
(e) Total adjusted births	17	—	1,521	21	1,559
ANALYSIS OF INSTITUTIONAL BIRTHS					
Born in					
(a) Hospitals			1,521	21	
(b) Maternity Homes			—	—	
(c) Nursing Homes			—	—	
TOTAL			1,521	21	

Only 1.1% 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	—	5	—	—	5	5	—	5	—
Fysche Hall, Iles Lane Knaresborough	—	35	—	—	35	10	—	63	—
Totals	—	40	—	—	40	15	—	68	—

(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	76	—	91	—	91	519	—	519
Health Centre, Knaresborough Road, Harrogate	79	—	113	—	113	519	—	519
217A Skipton Road, Harrogate	100	—	92	—	92	538	—	538
Fysche Hall, Iles Lane, Knaresbro'	49	—	64	—	64	304	—	304
Health Centre, Boroughbridge	44	—	30	—	30	197	—	197
Health Centre, Upper Poppleton	13	—	8	—	8	49	—	49
Alma House, Ripon	48	—	67	—	67	294	—	294
Menwith Hill, American Base	19	—	13	—	13	50	—	50
Health Centre, Pateley Bridge	25	—	16	—	16	92	—	92
Totals	453	—	494	—	494	2,562	—	2,562

(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			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	1972	1971	1967/1970	1972	1971		1967/1970
						Total No. of children who attended during the year			Total attendances during the year			
Central Clinic, Dragon Parade, Harrogate ...	49	—	—	—	49	81	60	57	544	395	140	1,079
Health Centre, Knaresborough Road ...	52	—	—	—	52	135	145	100	1,005	821	176	2,002
217A Skipton Road, Harrogate ...	—	52	49	—	101	234	233	234	1,884	1,759	502	4,145
St. Mark's Parochial Hall, Harrogate ...	—	—	23	—	23	34	29	23	179	173	67	419
Methodist Buildings, College Rd., Harrogate ...	25	—	—	—	25	37	48	36	223	246	69	538
Pannal Memorial Hall, Pannal, Harrogate ...	—	—	11	—	11	7	8	1	20	24	8	52
Fysche Hall, Iles Lane, Knaresborough ...	95	—	—	—	95	130	122	121	1,087	1,187	704	2,978
Health Centre Boroughbridge ...	25	—	—	—	25	33	33	36	234	212	80	526
Health Centre, Upper Poppleton ...	52	—	—	—	52	32	40	102	216	312	179	707
Alma House, Ripon ...	21	—	—	—	21	34	63	6	160	192	14	366
Claro Barracks, Ripon ...	—	12	—	—	12	24	45	12	162	171	80	413
Methodist Buildings, Summerbridge ...	—	—	12	—	12	15	9	15	80	52	59	191
Mobile Clinic ...	105	—	334	—	439	150	229	184	691	1,176	511	2,378
Totals ...	424	64	429	—	917	946	1,064	927	6,485	6,720	2,589	15,794

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
Glasshouses	"	"
Ramsgill	"	"
Lofthouse	"	"
Heyshaw Lane End	"	"
Darley	"	"
Markington	Monday	Monthly
Bishop Thornton	"	"
Shaw Mills	"	"
Birstwith	"	"
H.M.S. Forest Moor	"	"
Burley Avenue, Army Premises	Monday	Fortnightly
Studley Roger	Tuesday	Monthly
Aldfield	"	"
Sawley	"	"
Grantley	"	"
Winksley	"	"
Kirkby Malzeard	Tuesday	Monthly
Grewelthorpe	"	"
Ripon Army Camp	Tuesday	Fortnightly
Pannal	Wednesday	Monthly
Hunsingore	"	"
Whixley	"	"
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 in order to exclude this disability. This is carried out either in the maternity hospital or at home by the domiciliary midwives. No positive cases were discovered during the year.

Congenital dislocation of the hip is a crippling deformity which is 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.

Six children were referred for specialist opinion during 1972. Two of these were confirmed as cases and two were referred for further investigation. The remaining two 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 1972 there were 83 live births and 13 stillbirths of infants of $5\frac{1}{2}$ lbs. or less born to mothers normally resident in the division. 70 of these survived over twenty-eight days and 13 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 the children 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), 5 whole-time midwives and 9 midwives who are also home nurses.

In addition to attending 15 home confinements, the midwives visited 1,371 hospital and maternity home patients who went home before the tenth day. 288 of these patients were discharged home within two days, 714 were discharged within three to seven days and 369 within eight or more days. 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 1 occasion during the year.

Analgesia

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

Trilene	4
Pethidine	2
Trilene and Pethidine	6

9. HEALTH VISITING

2 Nursing Officers (Health Visitor), 19 full-time health visitors, 2 part-time health visitors, 4 full-time assistants to health visitor and 5 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 of the full-time health visitors 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.

Cases Seen by Health and Tuberculosis Visitors During 1972

TYPE OF CASE (If a householder rather than a person is visited, the case is included in line 6, 7 or 8, and not in lines 1—5)	Total number of cases seen (i.e. first visits) (1)	Number of cases included in Column (1) seen at special request of:—			
		Hospital (2)	G.P. (3)		
1. Children born in 1972	1591	4	19		
2. Other children aged under 5 ..	4026	6	46		
3. Persons aged between 5 and 16 seen as part of health visiting, (i.e. excluding those seen as part of school health service)	333	6	47		
4. Persons aged between 17 and 64 ..	703	64	178		
5. Persons aged 65 and over	1940	177	751		
6. Households visited on account of tuberculosis	23	—	1		
7. Households visited on account of other infectious diseases ..	44	—	28		
8. Households visited for any other reason	70	—	1		
9. TOTAL	8730	257	1071		
Number of persons included in lines 1—5 above who are:—	10	Mentally handicapped	263	1	8
	11	Mentally ill	53	1	11

10. HOME NURSING

14 home nurses, 4 part-time home nurses, and 9 home nurse-midwives were nursing in the Division at the end of the year. Almost all the Home Nurses are attached to General Practitioners.

Age Group	Classification of Cases (completed cases only)						Total
	Medical	Surgical	Tuber- culosis	Other Infec- tious Dis- eases	Mat- er- nal Compli- cations	Other	
0—4	8	7	—	2	—	—	17
5—14	14	6	—	1	—	—	21
15—44	93	84	7	1	46	5	236
45—64	192	100	2	2	—	6	302
65+	869	182	5	8	—	14	1078
TOTALS	1176	379	14	14	46	25	1654
Total visits this year (including injection visits)							
0—4	17	77	—	3	—	—	97
5—14	28	41	—	1	—	—	70
15—44	578	871	181	13	370	14	2027
45—64	1756	1454	36	13	—	15	3274
65+	15257	3445	90	144	—	95	19031
TOTALS	17636	5888	307	174	370	124	24499

No. of visits for injections only 3511

Referred by:
 General Practitioner .. 1401
 Hospital 174
 Health Department .. 52
 Other 27

Disposal of cases:
 Convalescent 668
 Hospital 338
 Died 208
 Other 440

Total .. 1654

Total .. 1654

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 1972 Completed Primary Courses

Type of vaccine or dose	Year of Birth					Others under age 16	Total
	1972	1971	1970	1969	1965-1968		
Triple (Diphtheria/Tetanus/Whooping Cough)	7	1,008	293	13	6	—	1,327
Diphtheria/Tetanus	—	13	8	3	4	—	28
Diphtheria	—	1	—	—	—	—	1
Tetanus	—	1	—	—	1	7	9
Poliomyelitis	7	1,022	300	16	14	9	1,368
Measles	—	464	397	32	46	3	942
Rubella	—	—	—	—	—	420	420

Reinforcing Doses

Type of vaccine or dose	Year of Birth					Others under age 16	Total
	1972	1971	1970	1969	1965-1968		
Triple (Diphtheria/Tetanus/Whooping Cough)	—	10	10	3	95	32	150
Diphtheria/Tetanus	—	1	6	8	984	101	1,100
Diphtheria	—	—	—	—	5	1	6
Tetanus	—	—	3	4	20	1,178	1,205
Poliomyelitis	—	9	22	11	1,098	1,435	2,575

(b) 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)	1,095
(b) No. of (a) found to have been vaccinated previously	56
(c) No. of acceptances	987
(d) Percentage of acceptances	90%
3. Pre-Vaccination Tuberculin Test	
(a) No. of children 2(c) tested	948
(b) Result of Heaf Test: (i) Positive	58
(ii) Negative	858
(iii) Not ascertained	32
(c) Percentage positive	6.12%
4. Vaccination	
No. vaccinated following negative Heaf Test	852

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.

During the year 11 new cases were added to the Register. 5 males and 4 females were cases of pulmonary tuberculosis, 1 was diagnosed as renal tuberculosis, and the other was the three year old daughter of a transfer in and she was diagnosed as tubercular meningitis. Three of the cases were relapses after many years and four of the cases had positive sputum.

As a result of these notifications 134 contacts were seen at the Chest Clinics and none were found to have active disease. 84 were given B.C.G.

17 names were removed from the Register during the year. 7 of these recovered, 5 were transferred to other areas and 5 died, 3 of them from non-tuberculous conditions.

The Chest Physician remarks as follows:—

“One can say that this is a satisfactory state of affairs, but it is somewhat disquieting that 3 patients relapsed after previous treatment but the extent of their drug treatment was none or minimal. As far as I know there are no chronic, positive, drug resistant cases”.

13. CERVICAL CYTOLOGY

A screening test for the detection of cancer of the cervix is offered to all married women. 71 sessions for this purpose were held at the Clinic, Dragon Parade, Harrogate, 18 sessions at Alma House Clinic, Ripon, and 1 session at the Health Centre, Pateley Bridge.

1,059 women attended the Harrogate sessions, 246 women attended the Ripon sessions and 20 women attended the Pateley Bridge session. There were 4 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, Green Hammerton, 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 14 registered nursing homes with a total of 304 beds in the Division at the end of the year. Seventeen visits of inspection were made. There is also 1 nursing home registered under the Mental Health Act which has 9 beds, and which was also inspected during the year.

16. REGISTRATION OF OLD PEOPLE'S HOMES

The 27 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 527 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	..	..	..	..	84
District Councils in the Division	..	..	..	..	83
Other Authorities	..	..	..	..	7
Applicants for Training Colleges	..	..	..	..	140
Employment of Children (including in entertainments)	..	..	..	..	76
School Meals Staff	..	..	..	..	137

18. HEALTH EDUCATION

The interest in health education has been well maintained and all our normal activities have continued. The interest shown by schools varies according to the head teachers, the health visitors and pressure of work but our contact with Granby Park School has improved due to Miss Gath, health visitor, and Mr. Therman, master with special responsibility for outside interests.

During the year we gave a course of eight lectures to house-mothers and wardens of old people's homes on home nursing and first aid. The lectures were given by a health visitor and a district nurse.

We have given lectures, courses of lectures and demonstrations to the St. John Ambulance Brigade and the Red Cross on home nursing, welfare and hygiene, and to nursing cadets on mothercraft, as well as acting as examiners on these subjects. I am pleased that a district nurse has taken part in this programme.

Brownies have again been very active in taking the home safety badge. In December we had a Home Safety competition for four Brownies from each of six packs and this was very encouraging as they showed a very high standard of knowledge.

One enterprising health visitor has started a weekly slimming session in the evenings at Pateley Bridge. In Ripon one session in each relaxation class is given in the evening to both husbands and wives.

A new avenue of teaching had been in the Maternity Unit of Ripon Hospital where a talk is given each week to newly delivered mothers on feeding and care of the baby at home.

The number of requests for information on drug addiction grows and films and talks have been given to such groups as schools, parent-teacher associations, youth clubs and the Army Apprentice School. We have also given a course of talks to the children at the American Camp and we are hoping this will become a yearly event. The talks included such topics as drug addiction, smoking, V.D., etc.

Health education is a very time-consuming subject—not only in time spent giving the talks but also in preparing them—and with the pressure of work at the present time, health education opportunities are lost for this reason.

Number of health education sessions attended by health visitors:—	At health centres	69
	At G.P. premises (excluding those in health centres)	41
	At maternity and child health centres	114
	At school	85
	In hospital	1
	Elsewhere	44
	TOTAL	354

AMBULANCE SERVICE

This is a separate service in the West Riding. There is an Ambulance Station in Harrogate and Sub-depots in both Ripon and Pateley Bridge. These are all in charge of the Station Officer. 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	Knarborough 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, Knarborough	Geriatrics	51	—
Scotton Banks Hospital	Ripley Road, Knarborough	Ophthalmic	4	—
Do.	do.	Paediatrics	—	21
Do.	do.	General Surgery	26	—
Do.	do.	Gynaecology	27	—
Do.	do.	Diseases of Chest	76	—
Do.	do.	Young Chronic Sick	34	—
Do.	do.	Medical	22	—
Do.	do.	Private Wing Sect. 5	16	—
		do. Sect. 4	8	—
Knarborough Hosp.	Stockwell Road, Knarborough	Chronic Sick	134	—

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES—1972

	Measles (excluding rubella)		Dysentery (amoebic or bacillary)		Scarlet fever		Whooping cough		Infective Jaundice		TUBERCULOSIS						
	M	F	M	F	M	F	M	F	M	F	Respiratory		Meninges and C.N.S.		Other forms		
											M	F	M	F	M	F	
Under 1 year ..	9	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 year ..	12	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 years ..	7	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3 years ..	11	11	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—
4 years ..	8	8	4	—	4	4	—	—	—	—	—	—	—	—	—	—	—
5—9 years ..	45	52	3	—	3	4	—	—	—	—	—	—	—	—	—	—	—
10—14 years ..	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15—19 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20—24 years ..	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25—34 years ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35—44 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45—54 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
55—64 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
65—74 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
75 and over ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Age unknown ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (all ages)	97	94	1	1	9	7	—	1	1	1	4	4	—	—	—	—	—

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	Infective	Post infectious	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

	Leptospirosis		Para-typhoid fever		Typhoid fever		Food poisoning (excluding dysentery, typhoid and para-typhoid fevers)		Malaria							
	M	F	M	F	M	F	M	F	Contracted naturally		Induced		M	F		
									In Great Britain		Abroad				Accidentally		Therapeutically
									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)	—	—	—	—	—	—	—	2	4	—	—	—	—	—	—	—

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

191 notifications were received compared with 146 in 1971. This gave a notification rate of 2.97 per 1,000 population.

Scarlet Fever

There were 16 notifications during the year compared with 35 in 1971, a notification rate of 0.25 per 1,000 population.

Whooping Cough

There was a decrease in the number of cases of whooping cough, 1 case was notified compared with 43 in the previous year. The notification rate was 0.02.

Dysentery

2 cases of dysentery occurred during the year. Both were due to *Shigella Sonnei*. The notification rate was 0.03 per 1,000 population.

Infective Jaundice

2 cases occurred in late May and early June respectively, giving a notification rate for the year of 0.03.

Food Poisoning

6 cases were notified during the year which gave a notification rate of 0.09 per 1,000 population. A family outbreak accounted for 4 of the cases which were staphylococci food poisoning. This was due to the consumption of cold roast pork which was presumably infected by a member of the family. The other 2 cases occurred in one house, the food concerned was not identified.

Tuberculosis.

There were 8 new cases of pulmonary tuberculosis and 1 of non-pulmonary tuberculosis notified during the year. 14 cases were removed from the Register, 6 of them recovered, 4 left the area and 4 died.

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, 1972	69	26	1	4	100
New notifications in 1972 ..	4	4	—	1	9
Number restored to Register ..	—	—	—	—	—
Number added to Register otherwise than by notification ..	1	—	—	—	1
Number removed from Register in 1972	12	2	—	—	14
Number on Register at 31st December, 1972	62	28	1	5	96

ANNUAL REPORT

OF THE

CHIEF PUBLIC HEALTH INSPECTOR

AND

CLEANSING SUPERINTENDENT

For the Year

1972

The following table gives details from the Tuberculosis Register:

Year	Pulmonary		Non-Pulmonary	Total
	M	F		
Number on Register at 1st January 1972	68	28	1	97
New notifications in 1972	4	4	—	8
Number added to Register other than by notification	1	—	—	1
Number removed from Register in 1972	12	2	—	14
Number on Register at 31st December, 1972	59	30	1	90

Infective Jaundice

2 cases occurred in late May and early June respectively, giving a notification rate for the year of 0.02.

Food Poisoning

6 cases were notified during the year which gave a notification rate of 0.09 per 1,000 population. A family outbreak accounted for 4 of the cases which were staphylococcal food poisoning. This was due to the consumption of cold roast pork which was presumably infected by a member of the family. The other 2 cases occurred in one house, the food concerned was not identified.

Tuberculosis

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

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

THE YEAR 1972

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

Mr. Mayor, Ladies and Gentlemen,

I have pleasure in submitting my second Annual Report on
Harrogate's Environmental Health and Public Cleansing Services
for 1972.



BOROUGH OF HARROGATE

As in previous years the section of the report dealing with the
work of the Public Health Inspectors is in respect of the calendar
year while that for the Cleansing Service is for the financial year
ending 31st March, 1973.

A number of changes took place in the administrative staff of
the Department during the year—Mrs. B. Cockrem, Clerical
Assistant, transferred to the Town Clerk's Department and was
replaced by Miss W. Armitage. An additional Clerical Assistant,
Miss G. Barwell, also commenced work in the Department in
August.

ANNUAL REPORT

During the year a new system of refuse collection was con-
firmed by the Secretary of State for the Environment and came into
operation on the 1st December. The Council approved the appoint-
ment of an additional Public Health Inspector in 1973 to carry out
duties mainly in connection with smoke control.

OF THE

CHIEF PUBLIC HEALTH INSPECTOR

AND

CLEANSING SUPERINTENDENT

A Clerk was appointed to the Department in connection with
the introduction of the new refuse collection system. Talks
were given to Women's Organisations in order to explain the
operation of smoke control.

The purchase of a new refuse collecting Vehicle
together with additional skips enabled the Amenity Tip for bulky
refuse to be extended in order to deal with the increasing use of this
service by the public. Skips were also hired by other Departments
of the Corporation and also by private individuals for bulky refuse.

Considerable improvements were made to the paper baling depot
including the purchase of a new hydraulic power baling press
which makes much larger bales. Sales of waste paper in-
creased substantially in 1972.

For the Year

1972

The Council-owned slaughterhouse at Starbeck was improved
by the provision of an electric carcass saw, a new platform weigh
scale and a steriliser for equipment, in addition to considerable
repair work and replacement of floors.



BOROUGH OF HARROGATE

ANNUAL REPORT

OF THE

CHIEF PUBLIC HEALTH INSPECTOR

AND

CLEANSING SUPERINTENDENT

For the Year

1972

ANNUAL REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR AND CLEANSING SUPERINTENDENT FOR THE YEAR 1972

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During the year the Council's first Smoke Control Area was confirmed by the Secretary of State for the Environment and came into operation on the 1st December. The Council approved the appointment of an additional Public Health Inspector in 1973 to carry out duties mainly in connection with Smoke control.

A Clean Air Exhibition was held at the library coinciding with the introduction of the first smoke control area. In addition talks were given to Women's Organisations in order to explain the operation of smoke control areas.

The purchase in June of a second Container Handling Vehicle together with additional skips enabled the Amenity Tip for bulky refuse to be extended in order to deal with the increasing use of this service by the public. Skips were also hired by other Departments of the Corporation and also by private individuals for bulky refuse.

Considerable improvements were made to the paper baling depot including the purchase of a horizontal hydraulic power baling press which makes much larger heavier bales. Sales of waste paper increased substantially in 1972.

The Council-owned slaughterhouse at Starbeck was improved by the provision of an electric carcass saw, a new platform weigh scale and a steriliser for equipment in addition to considerable repair work and replacement of floors.

I wish to thank the Medical Officer of Health and other Chief Officers for their help and to pay tribute to the loyalty and devotion to duty of all the members of my staff.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

K. PARKER,

Chief Public Health Inspector,
Cleaving Superintendent.

WATER SUPPLY

The distribution of water in the Harrogate area is undertaken by the Claro Water Board. The supply has been satisfactory in both quality and quantity and no contamination has occurred.

The population supplied direct from the public water mains is approximately 64,280, and there are no stand pipe supplies. The natural fluoride content ranges from .20 to .35 p.p.m.

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

Plumbo-Solvency of Water Supplies

4 samples of water were submitted for analysis under the above heading and were found to be satisfactory. The reports were submitted to the Claro Water Board.

SEWERAGE AND SEWAGE DISPOSAL

The arrangements for sewerage and sewage disposal are adequate within the Borough.

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 24 samples of water were taken, of which 5 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
--------------------------	--	-----------------	--

NOISE ABATEMENT ACT, 1960

49 complaints were received about nuisances from noise, all of which were investigated. 9 were confirmed and the necessary action taken to have the nuisances abated.

The present trend for dance bands to use powerful amplifying equipment to produce excessive noise levels has led to an increasing number of noise nuisances originating from hotels and discotheques. The effects on the hearing of the people who regularly subject themselves to this excessive noise must be harmful and one wonders if in future wearers of hearing aids will become as common as wearers of spectacles are today.

DISINFESTATION

Type of Premises	No.
Council houses	22
Private houses	310
Businesses	46
TOTAL ..	378

Classification	No.
Beetles	83
Fleas	16
Flies	10
Red Spiders	20
Silver Fish	8
Wasps	86
Woodworm	3
Crickets	1
Earwigs	5
Steam Flies	5
Bees	5

RAT AND MOUSE DESTRUCTION

The following gives details of the work carried out during 1972:—

		Com-plaints	No. of Premises Visited	Total No. of Visits	No. of Complete Treat-ments	Bodies
Private Dwellings	rats	356	350	801	192	10
	mice	258	279	1,026	284	4
Business Premises	rats	94	98	267	136	12
	mice	189	181	562	214	3
Agricultural Premises	rats	—	—	—	—	—
	mice	—	—	—	—	—
Local Authorities	rats	19	29	47	29	3
	mice	41	45	109	45	2
Total	rats	469	477	1,115	357	25
	mice	488	505	1,697	543	9

STATUTORY NOTICES

22 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 1972	Complied with During 1972	Served 1971	Complied with During 1971/72
Public Health Act, 1936, Section 39	7	7	15	12
40	—	—	1	1
44	1	1	1	2
45	1	1	1	2
56	2	1	4	5
93	9	4	17	11
Public Health Act, 1961, Section 17	—	—	—	4
Public Health (Recurring Nuisances) Act, 1969 Section I ..	2	2	1	2
TOTAL ..	22	16	40	39

SEWER TREATMENT

A 10% test was carried out in May/July/August. 249 manholes were baited and 7 of them showed "takes". These seven together with 42 adjoining manholes were treated with Fluoracetamide.

The sewers in Harrogate are almost entirely free from infestation with rats.

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		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ..	65	23	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ..	246	149	8	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ..	10	1	—	—
Total ..	321	173	8	—

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)	4	4	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	3	3	—	—	—
(b) Unsuitable or defective	5	5	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
Total	12	12	—	—	—

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.	3	—	—	—	—	—

Registered Factories, Factories Act, 1961

				<i>Mechanical Power</i>	<i>No Mechanical Power</i>
Agricultural Machinery	..	..		1	—
Baking	..	..		24	10
Bicycle Repairs	..	..		1	—
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	..	..		10	3
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	32	2
Laundries	9	1
Leatherwork	1	—
Letterpress Printing	10	—
Maintenance of research equipment	1	—
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	2	—
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	4	4
Watch Repairs	4	1
Water Filtration and Chlorination	2	—
Weaving	3	—
Weighing Machine Repairs	1	—
	<hr/> 246	<hr/> 65

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 774 compared with 566 in 1971.

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 1972	Total No. of registered premises at end of 1972	No. of registered premises receiving general inspection in 1972
Offices	12	333	135
Retail Shops	15	615	267
Wholesale Shops and Warehouses	2	35	6
Catering Establishments including canteens	1	74	19
Fuel storage places	—	2	—
Totals	30	1,059	427

Table 'B'

No. of visits of all kinds by Inspectors to Registered Premises 526

Table 'C'**Analysis of Persons employed in Registered Premises**

Class of Workplaces	No. of persons employed
Offices	4,192
Retail Shops	2,817
Wholesale depots and warehouses ..	389
Catering Establishments open to the public	806
Canteens	167
Fuel storage depots	15
TOTAL	8,386
Total Males	3,853
Total Females	4,533

Table 'D'—Exemptions

No. of Exemptions current at 31st December, 1972:

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

ACCIDENT REPORTS

1972 Quarter	No. of Accidents Reported in						Total
	i Offices	ii Retail Shops	iii Wholesale	iv Cater- ing Estabs.	v Can- teens	vi Fuel Storage Depot	
Jan.-Mar.	—	3	—	—	—	—	3
Apl.-June	—	2	1	—	—	—	3
July-Sept.	1	—	1	—	1	—	3
Oct.-Dec.	1	2	1	1	—	—	5
Totals	2	7	3	1	1	—	14

(B) ANALYSIS OF CONTRAVENTIONS

Section	Number of Contraventions found	
4	Cleanliness	46
6	Temperature	46
8	Lighting	1
9	Sanitary conveniences	212
10	Washing facilities	188
12	Clothing accommodation	3
14	Seats (Sedentary Workers)	5
15	Eating facilities	1
16	Floors, passage & stairs	164
17	Fencing exposed parts machinery	14
24	First aid	57
50	Information for Employees	26
	Other matters	11
	TOTAL	774

SMOKE CONTROL

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	42	333	5	55	303	1
Harrogate—Ground floor of Regional Office, Milk Marketing Board, surrounding district residential and manufacturing	79	329	13	66	335	10

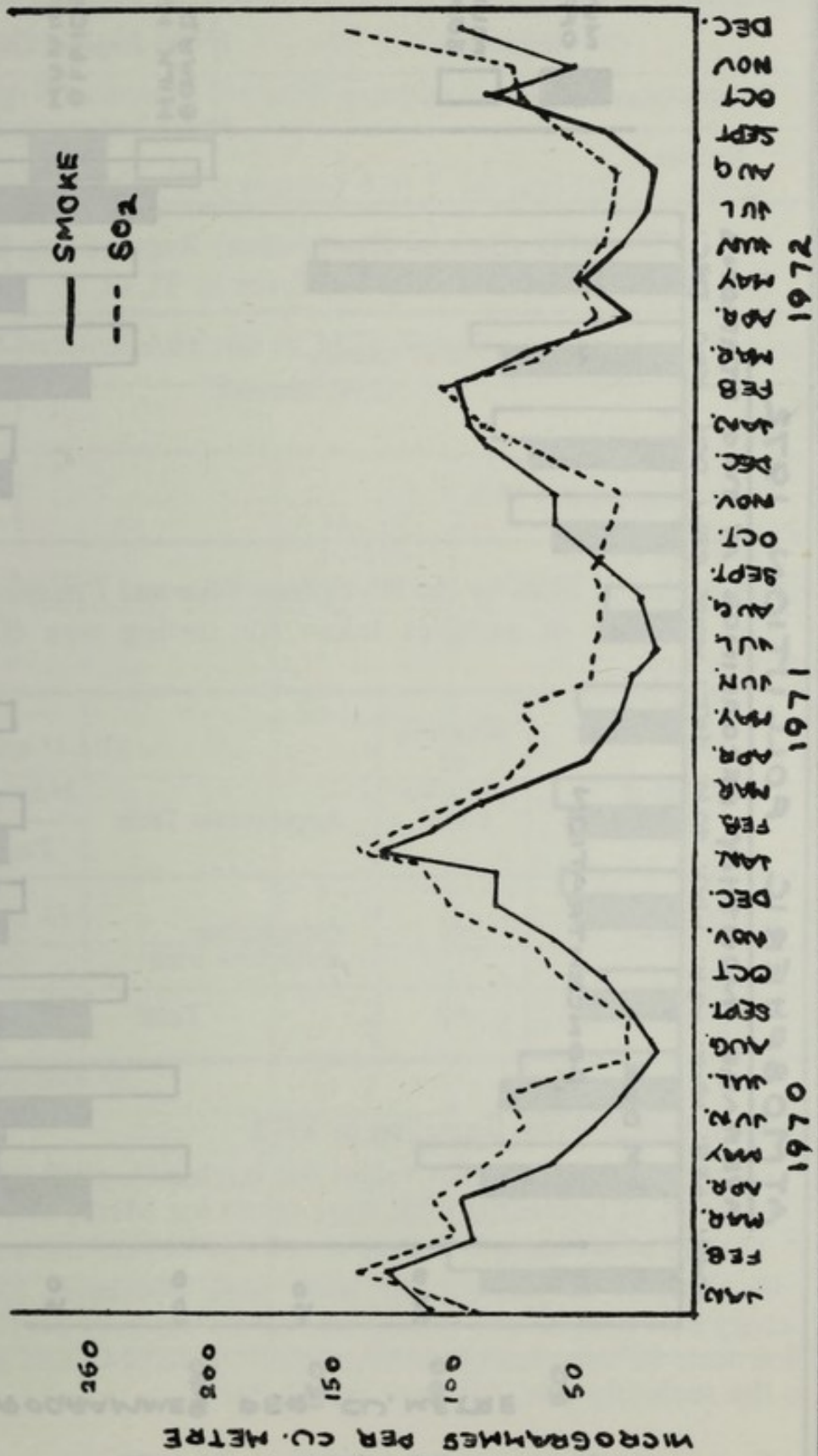
*For period of full year unless stated otherwise.

ATMOSPHERIC POLLUTION

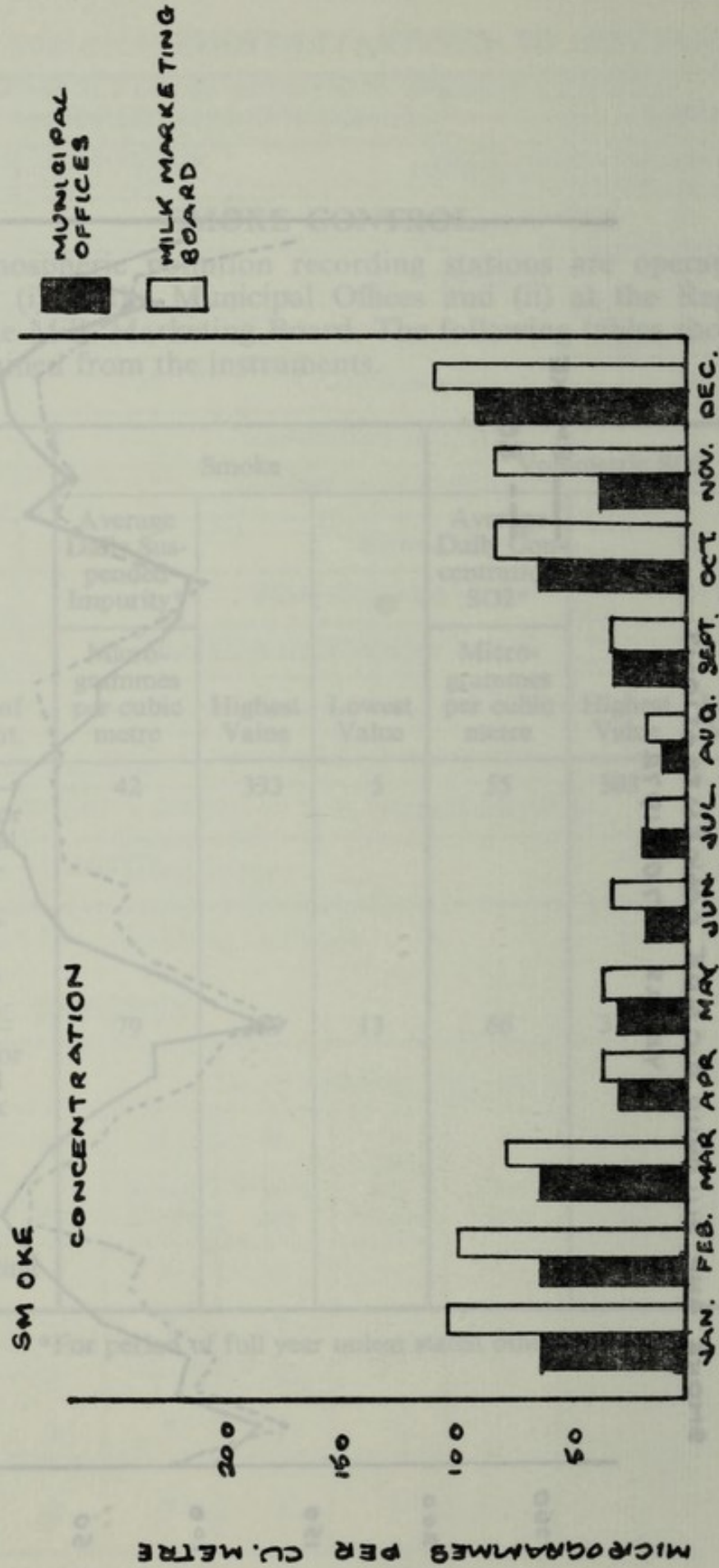
AVERAGE MONTHLY RECORDINGS FOR ALL STATIONS

SMOKE AND SULPHUR DIOXIDE CONCENTRATIONS

YEARS 1970 - 1972



ATMOSPHERIC POLLUTION 1972
AVERAGE MONTHLY RECORDINGS AT TWO STATIONS

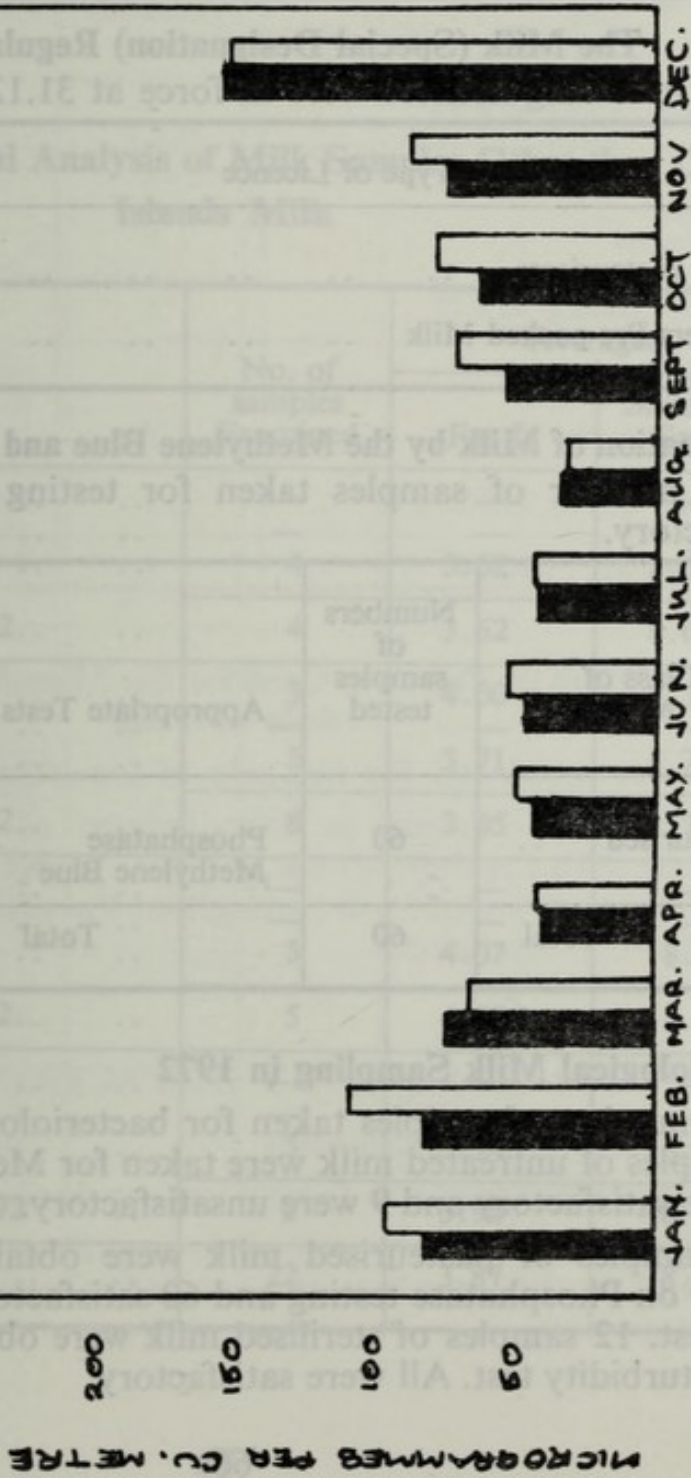


ATMOSPHERIC POLLUTION 1972

AVERAGE MONTHLY RECORDINGS AT TWO STATIONS

SO₂ CONCENTRATION

MUNICIPAL OFFICES
MILK MARKETING BOARD



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

There are now 241 distributors of milk within the Borough, an increase of 11 over 1971.

Registered	On Register Dec., 31st, 1972
Milk Distributors	241
Dairies	6

The Milk (Special Designation) Regulations, 1960

The following licences were in force at 31.12.72:

Type of Licence	Number
Milk Pasteurisers	1
Dealers Pre-packed Milk	223

Examination of Milk by the Methylene Blue and Phosphatase Tests

The number of samples taken for testing was 60. All were satisfactory.

Class of Milk	Numbers of samples tested	Appropriate Tests	Number of samples	
			Passed	Failed
Pasteurised ..	60	Phosphatase Methylene Blue	59 60	1 —
Total	60	Total	119	1

Bacteriological Milk Sampling in 1972

The number of samples taken for bacteriological testing was 96. 20 samples of untreated milk were taken for Methylene Blue testing. 11 were satisfactory and 9 were unsatisfactory.

60 samples of pasteurised milk were obtained. 59 were satisfactory on Phosphatase testing and 60 satisfactory on the Methylene Blue test. 12 samples of sterilised milk were obtained and subjected to the turbidity test. All were satisfactory.

SUMMARY OF CHEMICAL ANALYSIS OF MILK SAMPLES FOR 1972

26 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 3.87% Solids not fat averaged 8.73%.

The Channel Island milk averaged 4.61% fat and 9.09% 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	4	3.62	8.68
Quarter ending 31.3.72.. ..	4	3.62	8.68
April	3	4.00	8.72
May	—	—	—
June	5	3.71	8.70
Quarter ending 30.6.72.. ..	8	3.85	8.71
July	—	—	—
August	—	—	—
September	5	4.07	8.83
Quarter ending 30.9.72.. ..	5	4.07	8.83
October	—	—	—
November	—	—	—
December	5	3.94	8.72
Quarter ending 31.12.72	5	3.94	8.72
Year ending 31.12.72	22	3.87	8.73

Channel Islands Milk

Period	No. of Samples Examined	Averages	
		Fat %	Solids not Fat %
January	—	—	—
February	—	—	—
March	1	4.50	9.02
Quarter ending 31.3.72	1	4.50	9.02
April	—	—	—
May	—	—	—
June	1	4.40	9.19
Quarter ending 30.6.72	1	4.40	9.19
July	—	—	—
August	—	—	—
September	1	4.75	9.19
Quarter ending 30.9.72	1	4.75	9.19
October	—	—	—
November	—	—	—
December	1	4.80	8.97
Quarter ending 31.12.72	1	4.80	8.97
Year ending 31.12.72	4	4.61	9.09

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

Premises registered for the sale of ice-cream total 283.

45 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.

POULTRY INSPECTION

Number of processing premises	1
Number of visits made to these premises during the year	20
Total number of birds processed during the year	2,739
Weight of poultry condemned as unfit for human consumption	120 lbs

INSPECTION OF MEAT

The Public Health Inspectors carried out during the year post mortem examinations of the 9,781 animals which were killed at the public slaughterhouse.

Carcases Inspected and Condemned

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed and inspected	1,487	2	10	6,383	1,899
All diseases except Tuberculosis and Cysticerci					
Whole carcases condemned ..	—	—	—	—	10
Carcases of which some part or organ was condemned ..	317	—	1	56	271
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci ..	21.31	—	10.00	0.80	14.80
Tuberculosis only					
Whole carcases condemned ..	—	—	—	—	1
Carcases of which some part of organ was condemned ..	—	—	—	—	19
Percentage of the number inspected affected with tuberculosis ..	—	—	—	—	1.05
Cysticercosis					
Carcases of which some part or organ was condemned ..	6	—	—	—	—
Carcases submitted to treatment by refrigeration ..	6	—	—	—	—
Generalised and totally condemned ..	—	—	—	—	—

The Public Health Inspectors carried out during the year past
 modern examinations of the 9,781 animals which were killed at the
 Public Slaughterhouse.

Period	Animals Examined	% Fat	% Fat
January			
February			
March			

FOOD AND DRUGS ACT, 1955

During the year 50 samples were taken for chemical analysis, 32 of these being formal and 18 were informal.

Article	Formal	Informal
Milk	28	—
Vodka	—	2
Whisky	4	—
Almond Marzipan	—	1
Glace Cherries	—	1
Mixed Cut Peel	—	1
Ground Almonds	—	2
Short Pastry Mix	—	1
Grated Parmesan Cheese	—	1
Cheese Spread with Chives	—	1
Instant Apple Flakes	—	1
Cake Covering	—	1
Liver and Bacon Paté	—	1
Currey with Beef and Mushrooms	—	1
Cheese Spread with Shrimp	—	1
Parsley, Thyme & Lemon Stuffing Mix	—	1
Chicken Noodle Soup	—	1
Ground White Pepper	—	1
Total	32	18

LEGAL PROCEEDINGS

<i>Food</i>	<i>Action taken</i>
Foreign body, Steak Pie	Fined £10
" " Choc. Cake	" £10
" " Prepacked Peanuts	" £25
" " Mince Tart	" £10
" " Fish Fillets	" £25
" " Loaf bread	" £5
" " " " 	" £10
" " " " 	" £10
" " " " 	" £10
" " Tinned Carrots	Warning Letter
" " Prepacked Bacon	" "
" " Beefburger	" "
" " Walnut Cake	" "
" " Bottled Milk	" "
" " " " 	" "
" " Fruit Loaf	" "
" " Bottled Milk	" "
Mouldy Apple Turnover	" "
" Fruit Melba	" "
" Bilberry Pie	" "
" Cheesecake	" "
" Loaf Bread	" "
" Whole Almonds	" "
" Cottage Cheese	Fined £10

PUBLIC CLEANSING—HOUSEHOLD AND TRADE REFUSE

1st April, 1972 to 31st March, 1973

Collection of Refuse

In April a second refuse collection district (District B) was connected to the plastic sack system of refuse storage using $3\frac{1}{4}$ cu. ft. plastic tubs as sack holders. By April, 1973, one-third of the Borough will have been connected to the sack system and the number of tubs issued will be approaching 11,000.

This scheme has been a success and is popular with householders and the dustmen. The time which is saved by not having to return empty bins has enabled the collection teams to be reduced by one man to a driver and three loaders.

Collecting Vehicles

A new and more efficient type of refuse vehicle was purchased during the year. This is the first vehicle we have had which has hydraulic barrier discharge instead of having tipping gear. The loading mechanism is a large hydraulically driven screw which semi-pulverises the refuse.

The drivers take a pride in their vehicles, which are cleaned daily. 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.

Make	Type	Year	Capacity (cu. yds.)
One Karrier	Derby/Salvage	1971	14
Four S. & D.	Pakamatic ram compression	1965 1966 1967 1967	35 35 35 35
Six Karrier	Musketeer screw compression	1968 1969 1969 1969 1969 1971	60 60 60 60 60 60
One Dennis/Norba	Screw compression barrier discharge	1972	60
One S. & D.	Fore and Aft	1970	15
Two S. & D.	Fore and Aft Bulk Loader	1970 1971	35 35
One Karrier/Sheppherd Meiller	Container Handler	1971	12
One Dennis/Sheppherd	Container handler	1972	12

Trade Refuse

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

annual charge made for all bins in excess of one per week—
cost per bin, 5p.

40p per 1¼cu. yd. container.

Hotel Refuse

One free collection is made per week. For each weekly collection in addition to the former the sum of £7·00 per container per annum is charged.

Private Tipping

The charges made for the private tipping of refuse by individuals are 60p per load up to 2 tons, and £1·20 per load over 2 tons.

During the year 3,726 tons of refuse were disposed of yielding a revenue of £2,000.

Tonnage Collected

29,000 tons of household and trade refuse were collected during the year against 26,475 tons for 1971/72.

Estimated tonnage of Materials Handled by Cleansing Department, 1972—73

Type	Collection	Disposal
Household Refuse	26,400	26,400
Trade Refuse	2,600	2,600
Public Amenity Skips	—	10,000
Salvage	1,903	—
Road Sweepings and Street Gully Solids ..	—	2,334
Trade Refuse (disposal only, not collected by Cleansing Department)	—	3,725
Materials delivered to tips by other departments	—	1,100
Covering Materials	750	1,400
Total ..	31,653	47,559

Salvage

A sum of £18,213 was received from the sale of waste paper. The tonnage of waste paper was 376 tonnes higher than in 1971/72, the increase in income being £3,776. Two men are employed in the paper baling depot.

The quantity of scrap metal sold increased from 114 tons in 1971/72 to 169 tons in 1972/73. The income from this source was £700.

The following table shows how the 1972/73 amount was made up:

Materials	Tons	£
Waste Paper	1,734	18,213
Scrap Metal	169	700
Totals	1,903	18,913

The charges made for the private tipping of refuse by individuals are £60 per load up to 2 tons and £120 per load over 2 tons. A 25,000 tons of household and trade refuse were collected during the year against 26,472 tons for 1971/72. It is noted that the major work is now being done by the private sector.

Estimated tonnage of Materials Handled by Cleansing Department, 1972-73

Category	Collection	Disposal
Household Refuse	26,400	26,400
Trade Refuse	2,600	2,600
Public Amenity Sites	—	10,000
Salvage	1,903	—
Road Sweeping and Street Gully Solids	—	2,334
Trade Refuse (collected only, not collected by Cleansing Department)	—	3,722
Materials delivered to tip by other departments	—	1,100
Covering Materials	750	1,400
Total	31,653	47,256

Salvage
A sum of £18,213 was received from the sale of waste paper. The tonnage of waste paper was 370 tonnes higher than in 1971/72, the increase in income being £3,706. Two men are employed in the paper baling department.
The quantity of scrap metal sold increased from 14 tons in 1971/72 to 169 tons in 1972/73. The income from this source was £700.

**PUBLIC CLEANSING COSTS FOR YEAR ENDING
31st MARCH, 1973**

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

The total cost per ton for refuse disposal was £0.31.

Salvage sold averaged £0.29 per head of population.

The net cost of collection and disposal was £4.80 per ton.

Labour was responsible for 58% of the total cost and transport 31%.

Item	Particulars 1	Collec- tion 2	Dis- posal 3	Totals 4	Percent- age of total gross expen- diture 5
		£	£	£	%
1	Revenue Account				
	Gross Expenditure				
	(i) Labour	79,846	14,735	94,581	58
	(ii) Transport	51,616	—	51,616	31
	(iii) Plant, equipment, land and other buildings	6,488	6,440	12,928	8
	(iv) Other items	1,750	3,381	5,131	3
	(v) Total gross expenditure	139,700	24,556	164,256	100
2	Gross Income	2,175	21,794	23,969	
3	Net Cost	137,525	2,762	140,287	—
4	Capital expenditure met from revenue (included above)	£ —	£ —	£ —	—
		£	£	£	
	Unit Costs				
5	Gross cost per ton, labour only	2.75	0.31	3.06	—
6	Gross cost per ton, transport only	1.78	—	1.78	—
7	Net cost (all expenditure per ton)	4.74	0.06	4.80	—
		£	£	£	
8	Net cost per 1,000 population	2,139	43	2,182	—
9	Net cost per 1,000 premises	5,071	102	5,273	—

OPERATIONAL STATISTICS

10. Area (statute acres)—land and inland water		8,320
11. Population at 30th June, 1972 (Registrar General's Estimate)		64,280
12. Percentage of total refuse collected (tons) weighed ..		4.00%
13. Total refuse collected (tons). Estimated from regular test weighings		29,000
14. Weight (cwts.) per 1,000 population per day, 365 days to year		24.82
15. Number of premises from which refuse is collected ..		27,115
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		47,559 (tons)
20. Methods of disposal (salvage excluded) controlled tipping		100%
21. Salvage. Analysis of income and tonnage:		
	<i>Income</i>	<i>Tonnage</i>
	<i>(Included in</i>	<i>(Included in</i>
	<i>Item 2)</i>	<i>Item 13)</i>
	<i>£</i>	<i>Tonnes</i>
Scrap Metal	700	169
Waste Paper	18,213	1,734
	18,913	1,903
Totals		
22. Trade Refuse:		
Income	2,233	2,600
23. Private Tipping	2,000	3,726



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