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ETON URBAN DISTRICT COUNCIL

ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH
and the
PUBLIC HEALTH INSPECTOR

1970

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ETON URBAN DISTRICT COUNCIL

HEALTH AND RECREATION COMMITTEE

January to May 1970

Councillor W.E. Hamblin
Chairman
Councillor A.W. Herriott
Councillor R.N. James
Councillor W.H. Sharp
Councillor R.H. Tarrant
Councillor R.M. Tarrant
Councillor R.J. Clibbon (ex Officio)
Councillor S.E.R. Judd (ex Officio)

May to December 1970

Councillor R.M. Tarrant
Chairman
Councillor Mrs. W.H. Hay
Councillor A.W. Herriott
Councillor R.N. James
Councillor W.H. Sharp
Councillor R.H. Tarrant
Councillor R.J. Clibbon (ex Officio)
Councillor W.E. Hamblin (ex Officio)

ETON URBAN DISTRICT COUNCIL

Annual Report

of the

Medical Officer of Health

for the Year 1970

To the Chairman and Members of the Council

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting the Annual Report on the state of health of the Urban District of Eton for the year 1970.

As I mentioned last year the statistics are, because of the small numbers involved, to be regarded as matters of fact rather than as figures from which comparisons can be made and conclusions drawn. I have, however, extended the information somewhat and I hope Members will find the additional facts interesting.

The very full report by Mr. S. Humphreys also gives an indication of the work which goes on behind the scenes to maintain the district in a healthy condition.

The necessary services can only be provided within the framework of policies agreed by the authority and Members should, if they find the report satisfactory, feel pleased that they have encouraged their officers.

I can only express my appreciation of the courtesy and help which I have received from Members and Officers alike during the year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

J. MACDONALD A. CHARRETT

July 1971

Medical Officer of Health

GENERAL STATISTICS

Area	...	...	...	...	...	993 acres
Number of inhabited houses at 1.4.70...	...					1,588
Rateable Value at 1.4.70	...	...	...			£203,468
Product of Penny Rate 1970/71 (estimated)	...					£729
Population	...	...	...	...		5,280

VITAL STATISTICS

<u>Live Births</u>			<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	...	...	15	20	35
Illegitimate	...	...	-	1	1
			<u>15</u>	<u>21</u>	<u>36</u>
Crude Birth Rate per 1,000 Population	...				6.8
Corrected Birth Rate (allowing for sex and age of the Population)	...				7.6
Comparability Factor	...	...	...	...	1.12
National Rate	...	...	...	...	16.0
Ratio of local adjusted rate to National Rate	...				0.48 : 1

Still Births

N I L

Total of Live and Still Births	36
--------------------------------	-----	-----	----

Peri-Natal Mortality

(still births and deaths of infants under one week of age)

N I L

Neo-Natal Mortality

(deaths of infants under four weeks of age)

N I L

Infant Mortality

(deaths of infants under one year)

N I L

Maternal Deaths

(number of women dying in, or as a consequence of pregnancy)

N I L

Deaths

			<u>Male</u>	<u>Female</u>	<u>Total</u>
Number of Deaths	...	...	17	10	27
Crude death rate per 1,000 population	...				5.1
Corrected death rate - allowing for sex and age (Comparability factor - 1.45)	...	...	...	...	7.4
National Death Rate	...	...	...	...	11.7
Ratio of corrected Death Rate to National	...				0.63 : 1

CAUSES OF DEATH during 1970

	1970			1969
	Males	Females	Total	
B19(3) Malignant Neoplasm Stomach	1	-	1	2
B19(6) Malignant Neoplasm Lung, Bronchus	3	1	4	3
B19(7) Malignant Neoplasm Breast	-	3	3	-
B19(8) Malignant Neoplasm Uterus		1	1	-
B19(9) Malignant Neoplasm Prostate	1		1	1
B19(11) Other malignant Neoplasms	-	-	-	1
B23 Anaemias	1	-	1	-
B27 Hypertensive Disease	-	-	-	1
B28 Ischaemic Heart Disease	6	2	8	10
B29 Other forms of Heart Disease	-	1	1	4
B30 Cerebrovascular Disease	2	1	3	5
B31 Influenza	-	-	-	2
B32 Pneumonia	3	1	4	2
B33(1) Bronchitis and Emphysema	-	-	-	1
B46(7) Other diseases of digestive system	-	-	-	1
B44 Other causes of Perinatal Mortality	-	-	-	1
B45 Symptoms and ill defined conditions	-	-	-	1
BE47 Motor vehicle accidents	-	-	-	2
BE50 All other external causes	-	-	-	1
Total	17	10	27	38

DEATHS - 1970 - AGE AND SEX CLASSIFICATION

Cause of Death	Sex	Total all Ages	Under 4 weeks	4 wks under 1 yr.	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 & over
B19(3) Malignant neoplasm Stomach	M	1	-	-	-	-	-	-	-	-	-	1	-
B19(6) Malignant neoplasm Lung, Bronchus	F	3	-	-	-	-	-	-	-	-	-	2	-
B19(7) Malignant neoplasm Breast	M	1	-	-	-	-	-	-	-	1	-	-	-
B19(8) Malignant neoplasm Uterus	F	3	-	-	-	-	-	-	-	-	-	1	1
B19(9) Malignant neoplasm Prostate	F	1	-	-	-	-	-	-	-	-	-	-	-
B23 Anaemias	M	1	-	-	-	-	1	-	-	-	1	-	-
B28 Ischaemic Heart Disease	M	6	-	-	-	-	-	-	-	-	-	3	2
B29 Other forms of Heart Disease	F	2	-	-	-	-	-	-	-	-	-	1	1
B30 Cerebrovascular Disease	M	1	-	-	-	-	-	-	-	-	-	1	-
B32 Pneumonia	F	3	-	-	-	-	-	-	-	-	-	1	1
		1	-	-	-	-	-	-	-	-	-	-	-
Total All Causes	M	17	-	-	-	-	1	-	-	2	2	8	4
	F	10	-	-	-	-	-	-	-	1	1	4	4

Sex and Age Distribution of Deaths

Ages at Death in Years	Males	Females	Total
Under 1	-	-	-
1 - 4	-	-	-
5 - 14	-	-	-
15 - 24	1	-	1
25 - 44	-	-	-
45 - 64	4	2	6
65 - 74	8	4	12
75 plus	4	4	8
Total	17	10	27

Principal Causes of Death	1969	1970
Cancer	7	10
Heart Disease	14	9

POPULATION

Year	Natural Increase (births less deaths)	Immigration or Emigration (-)	Population
1961	40	200	5430
1962	48	-28	5450
1963	17	-323	5110
1964	44	36	5290
1965	31	-21	5300
1966	31	-31	5300
1967	18	-18	5300
1968	11	109	5420
1969	-6	-44	5370
1970	9	-81	5280

TUBERCULOSIS

Notification Register

One case of Non-Pulmonary Tuberculosis was added to the Register during 1970.

No cases were removed from the Register during 1970.

The total number on the Register at 31st December 1970 were as follows:-

Pulmonary	...	...	2
Non-Pulmonary..	...	...	1
(Bladder)			

INFECTIOUS DISEASE NOTIFICATIONS

Measles.....43

Whooping Cough.....1

Tuberculosis.....1
(Bladder)

Monthly Incidence of Notifiable Diseases

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Measles	-	-	1	-	-	-	-	1	1	4	20	16
Tuberculosis (Non-Pulmonary)	-	-	1	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	1	-	-

Analysis of Notifiable Diseases in Age Groups

	Ages in Years of Cases Notified											
	Under 1 yr	1-2 years	2-3 years	3-4 years	4-5 years	5-10 years	10-15 years	15-24 years	25-34 years	35-44 years	45-64 years	Over 65
Measles	2	5	2	3	-	22	5	4	-	-	-	-
Tuberculosis (Non-Pulmonary)	-	-	-	-	-	-	-	-	-	1	-	-
Whooping Cough	-	-	-	-	-	1	-	-	-	-	-	-

	Notifiable Diseases in Eton	Notifiable Diseases in Eton Wick
Measles	37	6
Tuberculosis (Non-Pulmonary)	1	-
Whooping Cough	1	-

Prevalence and Control of Infectious Diseases
Cases notified during the years 1961-1970

	Cases notified and Population in thousands									
	1970 5	1969 5	1968 5	1967 5	1966 5	1965 5	1964 5	1963 5	1962 5	1961 5
Dysentery	-	3	1	-	-	-	-	1	-	-
Infective Jaundice	-	1	1	Not previously notifiable		-	-	-	-	-
Measles	43	41	8	45	13	118	1	141	14	39
Paratyphoid	-	1	1	-	-	-	-	-	-	-
Scarlet Fever	-	3	-	1	1	-	-	1	-	-
Tuberculosis (Pulmonary)	-	-	-	-	-	-	-	-	-	4
Tuberculosis (Non-Pulmonary)	1	-	-	-	-	-	-	-	1	-
Whooping Cough	1	-	-	1	3	3	1	4	1	10

VACCINATION AND IMMUNISATION

	<u>1968</u>	<u>1969</u>	<u>1970</u>
Primary Diphtheria	11	14	19
Primary Tetanus	39	36	21
Primary Diphtheria/Tetanus	3	13	12
Primary Diphtheria/whooping Cough/ Tetanus (Triple)	35	49	31
Primary Measles		5	36
Primary Poliomyelitis	2	37	30
Primary vaccination against Smallpox	30	34	29
Boosters - Tetanus	138	17	165
Diphtheria		(162 (
Diphtheria/Tetanus	282	(37 (	217
Triple		(31 (
Poliomyelitis		-	1
Re-vaccination	18	55	22

Primary Protection

Diphtheria	49	76	62
Whooping Cough	35	49	31
Tetanus	77	98	64
Smallpox	30	34	29
Measles		5	36
Poliomyelitis	2	37	30

CLINICS AND TREATMENT CENTRES

Maternity and Child Welfare

The arrangements for child welfare clinics have continued so far as Eton is concerned at the Doctors' surgery at Eton Square.

The clinic at Eton Wick village hall was held twice monthly throughout the year.

Family Planning Clinics

The Slough Family Planning Clinic, which serves Eton as well as Slough, has continued to be very active and finds that its services are in ever greater demand. The Local Health Authority now has a duty to encourage the use of such clinics and to make contributions towards their expenses if, indeed, they do not provide the service themselves.

So far as this area is concerned, the clinic is a very good and forward looking one and it has been considered better to allow the previous administrative arrangements to remain and for payment to be made to the voluntary organisation running it.

Cervical Cytology

A clinic is held twice monthly at Burlington Road Clinic, Slough for women over 35 and for younger women who have been specially recommended by their family doctor.

Venereal Diseases Clinics

Clinics are held at the following hospitals:

King Edward VII Hospital, Windsor, Berks
Hillingdon Hospital, Hillingdon, Middx.
Royal Berkshire Hospital, Reading, Berks.

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FOR THE YEAR 1970

DRAINAGE AND SANITATION

Inspections were carried out following complaints concerning obstructed and defective drainage.

Testing and supervision of remedied work was also carried out.

The programme of cleaning and inspection by T.V. cameras of the Eton Town sewer has been continued, resulting in a detailed survey of one section where several defects of a serious nature were found. Provision has been made for the relaying of this section of the sewer.

Sixteen new houses and flats have been connected to the public sewer. Two cesspools were abolished during the year, but some thirteen properties are still served by cesspools. Two of these have been combined on one new cesspool.

Sewage has continued to be disposed of by arrangement with the Slough Borough Council through their Cippenham Water Pollution Control Works via pumping stations at Eton and Eton Wick.

WATER SUPPLY

All premises in the area have a piped water supply from the Middle Thames Water Board and an adequate supply of water for all purposes has been maintained.

Regular sampling has been carried out by the Middle Thames Water Board and copies of the reports supplied to the Council. All reports have provided satisfactory throughout the year. Specimen samples submitted for chemical and bacteriological analysis were satisfactory and a report is set out elsewhere in this report.

There are two swimming baths in the area situated at Eton Wick Primary School and Eton College. Monthly samples and tests were taken and all proved satisfactory.

REFUSE DISPOSAL

A regular weekly collection service has been maintained throughout the year from all domestic premises.

The Council continues to collect refuse from trade premises and in most cases refuse is collected on a twice weekly basis.

All refuse is disposed of at the pulverising plant at Slough except during maintenance periods, when disposal is by way of controlled tipping at Hollow Hill Tip, Iver.

During the strike of Local Authorities' Manual Workers refuse collection was maintained by the Council's refuse collectors who did not join adjoining Local Authorities' workers on strike. Disposal was at Hollow Hill Tip.

Additional waste material was collected and disposed of by the placing of bulk storage containers within the district, these being open for residents to dispose of excess material and bulky furniture. Approximately 1056 cubic yards of material was disposed of in this way.

PEST CONTROL

The bulk of pest control work in the area is concerned with the destruction of rats and mice, but the destruction of other pests, mainly wasps, has been undertaken.

All reported cases of infestation by rodents have been successfully treated. Some difficulty has been encountered with infestations of mice and the assistance of Officers of the Ministry of Agriculture, Fisheries and Food was sought, and with their guidance treatment proved successful.

Routine inspection and treatment has been carried out at the Council's sewage pumping stations and balancing tank.

Test baiting of sewers has continued and results have proved negative. An exemption period granted by the Ministry of Agriculture, Fisheries and Food is still in force.

Fourteen complaints of wasps were received and treatment carried out.

A charge is made for pest control.

HOUSING

During 1970 fourteen houses were reported to the Council as unfit under the Housing Act 1957 and the occupants of five Council owned unfit houses were rehoused to make way for redevelopment of the area by warden-controlled aged person's dwellings.

One complaint of disrepair was received, initial inspection carried out and re-inspection to secure compliance with preliminary notice served.

Work commenced on Phase III of the Eton Wick Redevelopment Scheme and the first part is now ready for occupation.

HOUSE IMPROVEMENT GRANTS

Six applications for Standard Improvement Grant were received and approved and £814 paid in grants.

Two applications for discretionary grants were received and approved and £800 paid.

The number of amenities provided with the aid of grants was as follows:

<u>Wash Hand</u> <u>Basin</u>	<u>Bath</u>	<u>Hot Water</u>	<u>W.C.</u> <u>indoors</u>	<u>Sink</u>
8	8	8	2	3

COUNCIL HOUSING

Inspections were carried out for the purpose of ascertaining defects on change of tenancy and in connection with insanitary conditions and rodent control.

OFFICES, SHOPS AND RAILWAY PREMISES ACT

This Act makes provision for the safety, health and welfare of persons employed in offices and shops. The Act follows the pattern of the Factories Acts and the enforcement

of it is divided between a number of Authorities according to the premises.

H.M. Inspector of Factories is responsible for enforcing the general provisions in premises occupied by Local Authorities together with offices in factories, whilst the Local Authorities enforce the general provisions in most other premises. The fire provisions of the Act are enforced by the Fire Authorities.

Routine general inspections have been carried out during the year. Minor contraventions were dealt with at the time of inspection.

Accidents. Section 48 of the Act requires notification of any accident which occurs in premises subject to the provisions of the Act. There have been only minor accidents during the year.

The following table sets out the class of premises, the number of registrations and the number of persons employed:-

<u>Class of Premises</u>	<u>Number Registered</u>	<u>Employees</u>	
		<u>Male</u>	<u>Female</u>
Offices	21	50	40
Retail Shops	36	25	42
Wholesale Shops - Warehouses	NIL		
Catering Establishments	11	16	27
Fuel Storage Depots	NIL		
	68	91	109

FOOD PREMISES

The work of maintaining the standard of clean food handling in the Urban District is effected by advice on the basic principles of food hygiene to persons engaged in food premises during the course of inspection, on routine visits, of the structure of those premises and the equipment used. The Food Hygiene (General) Regulations provide the basis for this work. In addition assistance is given on the selection of equipment for kitchens, etc.

There are sixty six premises on which food is prepared and sold, the type of business being divided as follows:

Grocer and General Stores	...	...	6
Licensed Premises	...	...	11
Cafes and Restaurants...	...	...	8
College kitchens	...	...	26
Butchers	...	...	3
Bakers and Confectioners	...	...	2
Bakehouses	...	...	1
Sweets and Ice Cream, Tobacconists..	...	...	6
Greengrocers	...	...	2
Summer stalls	...	...	1

No slaughtering is carried out in the Urban District.

FACTORIES

Details of the number of factories in the area and inspections made are set out in the table below. One case of insufficient sanitary accommodation was found. This was remedied without written notice.

INSPECTIONS for purposes of provisions as to health

Premises (1)	Number on Register (2)	Number of		
		Inspection (3)	Written Notices (4)	Occupies prose- cuted (5)
(i) Factories in which Sections 1,2,3,4,and 6 are to be enforced by Local Authorities	28	16	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by Local Authority	-	-	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority	-	-	-	-
Total	28	16	-	-

Cases in which defects were found

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

OUTWORKERS

Firms employing people who usually work at home to carry out manufacturing processes away from the factory premises are required to notify the Local Authority in whose area the employees work of the names and addresses of these outworkers. This is done in February and August of each year.

One firm situated in the Urban District employs outworkers, but all the people so employed live outside the area.

Notification is regularly received.

ANALYSIS OF A SAMPLE OF WATER received 5.2.71 from ETON URBAN
DISTRICT COUNCIL.

Labelled Tap, 102 High Street, Eton - direct from main.

Date 5.2.71., 0915 hours

Taken by S.Humphreys

Signed P.Ceddon.

CHEMICAL RESULTS IN MILLIGRAMMES PER LITRE (ppm)

Appearance: Clear and Bright.	Turbidity.....Nil
Colour (Hazen).....Nil	Odour..... Nil
pH.....7.2.	Free carbon dioxide...32
Electric Conductivity.640	Dissolved solids dried at 180°C..... 460
Chlorine present as	Alkalinity as
Chloride.....47	Calcium Carbonate....250
Hardness: Total.....315	Carbonate.....250
	Non-carbonate.....65
Nitrate Nitrogen.....5.2	Nitrite Nitrogen..absent
Ammoniacal Nitrogen...0.02	Oxygen Absorbed.....0.50
Albuminoid Nitrogen...0.02	Residual Chlorine..... 0.25
Metals: Iron, Zinc, Copper, Lead; absent	

BACTERIOLOGICAL RESULTS

Sampling bottles are treated to remove residual
chlorine if present.

	1 day at 37°C	2 days at 37°C	3 days at 20-22°C
Number of colonies developing on Agar	(0 per ml.	0 per ml.	0 per ml.
Presumptive Coliform reaction	Present in	Absent from	Most probable number
	- ml.	100 ml.	0 per 100 ml.
E.coli (type I)	- ml.	100 ml.	0 per 100 ml.
Cl.welchii reaction	- ml.	100 ml.	

This sample is clear and bright in appearance,
neutral in reaction and free from iron and other metals.
The water is very hard in character but not excessively so
and it contains no excess of mineral constituents. It is
of very satisfactory organic quality and of the highest
standard of bacterial purity.

These results are indicative of a pure and
wholesome water suitable for drinking and domestic purposes.

12th February 1971

