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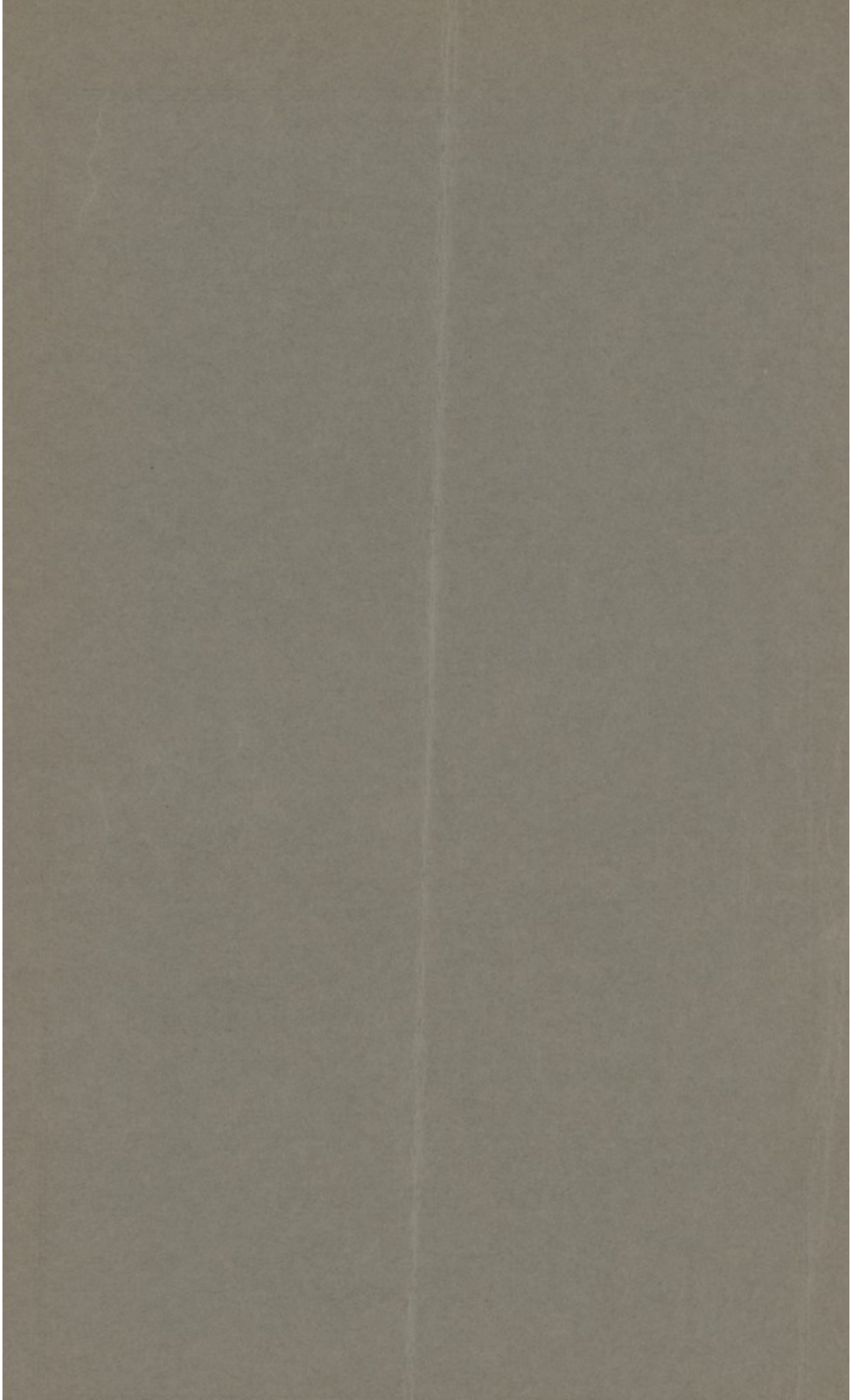
Borough of Edmonton



**REPORT**  
OF THE  
**Medical Officer of Health**  
AND  
**School Medical Officer**

FOR THE YEAR

**1945**



Borough of Edmonton



**REPORT**  
OF THE  
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FOR THE YEAR

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Journal of the

Board of Health

Volume 1, No. 1, 1911

# REPORT

Medical Officer of Health

School Medical Officer

1911

# Borough of Edmonton

## 1945

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His Worship the Mayor - - - Alderman W. PREYE, J.P.  
 Deputy Mayor - - - - - Alderman J. REID.

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### PUBLIC HEALTH COMMITTEE.

*Chairman* : Councillor Mrs. A. M. GLOVER.

Councillors J. A. G. BEATTIE, Mrs. E. B. NEWSHAM, Mrs. E. F. JOHNSON.  
 W. PULLEN, J. A. WARD, J.P., L. E. BERRIDGE, Mrs. E. M. MOSS.

### STAFF OF THE PUBLIC HEALTH DEPARTMENT

*Medical Officer of Health, School Medical Officer, and Supervisor  
 for the Maternity and Child Welfare Services :*

D. REGAN, B.A., B.Sc., M.B., Ch.B., D.P.H. (L'pool).

*Deputy Medical Officer of Health and Deputy School Medical Officer :*

CATHERINE A. GOGGIN, M.B., B.Ch., B.A.O., D.P.H.

*Assistant Medical Officers and School Medical Officers :*

ELIZABETH GRAY, M.B., Ch.B., D.P.H., L.M. (Dublin).  
 (Commenced April, 1945).

KATHLEEN M. HART, M.D. (Lond.), M.B., B.S., D.P.H.

MARGARET SUTCLIFFE, M.B., B.Ch., B.A.O., D.P.H.

*Senior Sanitary Inspector :*

\*abcd W. TILLCOCK, F.S.I.A., M.R.San.I.

*District Sanitary Inspectors :*

\*abce G. H. HUCKLE.

\*abc J. P. FARRAR.

\*abc F. BEILBY.

\*abcf E. DODSWORTH.

\*abc H. W. GRIEVES.

\*a A. HURLEY, Miss (*Female Sanitary Inspector*).

*Chief Clerk :*

F. J. NASH, Cert.R.San.I. (In H.M. Forces). (Resumed 6.4.45).

J. L. A. SAUNDERS, *Infectious Diseases Clerk*.

a A. E. CLARKE, *Records Clerk*. (Resigned 25.8.45).

H. J. WELDON, *Junior Clerk*. (In H.M. Forces).

S. CLAYTON, *Shops Acts Inspector*. (Resigned 29.7.45)

Miss I. M. BOWIE, *Temporary Clerk*.

J. H. COWLARD, A.I.M.L.T., *Laboratory Technician*.

R. R. HOLLAND, *Temporary Clerk*.

Miss G. MARYAN, *Temporary Clerk* (Commenced 25.10.45).

\* Moiety paid under Public Health Act or by Exchequer Grant.

a Certificated Sanitary Inspector.

b Certificate of Meat and Food Inspector.

c Inspector under the Petroleum Acts.

d Inspector of Canal Boats.

e Certificate of Smoke Inspector.

f R.S.I. Sanitary Science as applied to Buildings and Public Works.



## PREFACE.

PUBLIC HEALTH DEPARTMENT,

TOWN HALL,

EDMONTON, N.9.

HIS WORSHIP THE MAYOR, ALDERMEN AND COUNCILLORS OF THE BOROUGH OF EDMONTON.

YOUR WORSHIP, LADIES AND GENTLEMEN,

In presenting my Annual Report for the year 1945, I wish to inform you that it has been compiled in accordance with Ministry of Health Circular 28/46 and contains therefore only a brief outline of the health circumstances relating to the Borough.

I am pleased to say that the war terminated during this municipal year to the intense satisfaction of everyone concerned. We must now set ourselves energetically to the task of reconstruction and to make up for the lack of progress which we would otherwise have made but for the outbreak of war.

The DEATH RATE continues to be low and shows a reduction on the previous year, notwithstanding the restrictions due to war conditions. The increase in BIRTH RATE for 1944 has not been maintained.

During the year we remained free from epidemics, and again it is to be noted quite a number of old people in Edmonton exceed their three score years and ten. Already the citizens are eagerly looking for the repair of their battered accommodation and trying to acquire other, and it would appear that from the requests made at my Department in the Town Hall that it will be not only a matter of prime importance to develop new dwellings but a task difficult to attain; considering the circumstances under which quite a number of the citizens live they still maintain a cheerfulness and good fellowship which was so characteristic of them during the war.

The trend of Tuberculosis was upwards for the Country as a whole, but in Edmonton it remained fairly constant with only a very slight increase.

I am very happy to be able to report that only eleven cases of Diphtheria occurred in the Borough throughout this year, this in no small measure being due to immunisation; nevertheless I shall feel more happy when larger numbers of children in the Borough have been immunised. The response to our appeal for immunisation was always good, which shows that many of the Edmonton people have a sound realisation of their duties as citizens. Upwards of three-quarters of the child population of the Borough should be immunised in order to secure a fair degree of success for the scheme. Quite a large number of children are immunised for Whooping Cough as well and from reports from the General Practitioners it would appear that not only is there a less incidence of the disease but those immunised children who contract Whooping Cough had much milder symptoms and shorter duration of the illness.

I must also mention that the MATERNAL MORTALITY RATE in the Borough is one to be proud of, having reached an exceedingly low rate of 0.61 per 1,000 live and still births. This is in no small measure due to the splendid efforts made by Assistant Medical Officers, Municipal Midwives, Health Visitors, General Practitioners and the willing co-operation which we have received from the Staff of the North Middlesex County Hospital.

I regret there is an increase in the INFANTILE MORTALITY RATE but this is more apparent than real as there is a decline in the number of births in 1945 as compared with 1944. The percentage appears higher although the actual number of deaths is lower. The new percentage, however, compares very favourably with the figure for England and Wales and London.

I would like to express my deep appreciation to my entire Staff for the willing co-operation which they have given me, often times at great inconvenience, in order to achieve good results. To the Members of the Council I tender my sincere thanks for the help and assistance which they have always given me.

I have the honour to be, Your Worship, Ladies and Gentlemen,

Your obedient Servant,

D. REGAN,

Medical Officer of Health.

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### GENERAL STATISTICS.

<b>Area</b> (in acres)	...	...	...	...	...	...	...	3,896
<b>Population—</b>								
Census of 1921	...	...	...	...	...	...	...	66,809
Census of 1931	...	...	...	...	...	...	...	77,652
Estimated by the Registrar-General for mid-year 1945	...							93,530
Number of inhabited houses and tenements at the end of 1945	...							25,950
Number of inhabited houses and tenements at the end of 1944	...							25,950
<b>Rateable value, April, 1945</b>	...	...	...	...	...	...	...	£732,731
Estimated product of 1d. in the £ for the year ending March 31st, 1946	...	...	...	...	...	...	...	£3,000
<b>Rates in the £ for the year ending March 31st, 1946</b>	...	...						15s. 10d.



## SOCIAL CONDITIONS.

The extent of unemployment may be estimated by the following figures relating to :—

- (1) the number of free dinners given to schoolchildren, and
- (2) the actual figures supplied by the Director of Public Assistance.

No. 1 is given purely on economic grounds.

(1) Number of free dinners during 1944	...	...	...	...	67,007
"    "    paid    "    "    1944	...	...	...	...	590,916
"    "    free    "    "    1945	...	...	...	...	83,504
"    "    paid    "    "    1945	...	...	...	...	754,761

The average number of children receiving meals daily was 4,400 (38.3% of the children in school).

Under the Milk in Schools Scheme an average of 9,500 children (83.7% of the number in school) had milk daily, of whom 6,600 received 2/3rds pint and 2,900 1/3rd pint.

- (2) Figures *re* out relief :—

For the year 1944—

			Persons.	Amount.
(a) Ordinary out-relief	...	...	2,163	£21,295
(b) Unemployed out-relief...	...	...	Nil	Nil
			<hr/> 2,163	<hr/> £21,295

For the year 1945—

(a) Ordinary out-relief	...	...	1,839	£22,107
(b) Unemployed out-relief...	...	...	Nil	Nil
			<hr/> 1,839	<hr/> £22,107

## VITAL STATISTICS.

### Live Births.

	M.	F.	Total.	Grand Total.
Legitimate	767	740	1,507	
Illegitimate	33	48	81	1,588
Birth-rate per 1,000 of population	...	...	...	16.98

### Stillbirths.

Legitimate	22	17	39	
Illegitimate	3	2	5	44
Total of live and stillbirths	...	...	...	1,632
Rate per 1,000 total births	...	...	...	26.96

### Deaths.

Number	510	455	965	
Rate per 1,000 population	...	...	...	10.31

### Deaths from Puerperal Causes.

	Deaths.	Rate per 1,000 total (live and stillbirths).
Puerperal and post-abortive sepsis	—	0.00
Other maternal causes	1	0.61
	<hr/> 1	<hr/> 0.61

# Death rate of infants under one year of age.

Number ... ..	M. 29	F. 29	Total. 58	
All infants per 1,000 live births	...	...	...	36.52
Legitimate infants per 1,000 legitimate live births	...	...	...	37.82
Illegitimate infants per 1,000 illegitimate live births	...	...	...	12.34
Deaths from Cancer (all ages)	...	...	171	
"    "    Measles (all ages)	...	...	Nil.	
"    "    Whooping Cough (all ages)	...	...	Nil.	
"    "    Diarrhoea (under 2 years of age)	...	...	4	

The following causes of death are supplied by the Registrar General and refer to deaths which were registered during the calendar year :—

Cause of Death.	M.	F.	Total
Typhoid and para-typhoid fevers	...	...	...
Cerebro-spinal fever	1	1	2
Scarlet fever	...	1	1
Whooping cough	...	...	...
Diphtheria	...	...	...
Tuberculosis of the respiratory system	28	20	48
Other forms of tuberculosis	2	4	6
Syphilitic diseases	2	1	3
Influenza	1	2	3
Measles	...	...	...
Acute Poliomyelitis and Polio-encephalitis	...	...	...
Acute infective encephalitis	1	...	1
Cancer of buccal cavity and oesophagus (M.) Uterus (F.)	8	10	18
Cancer of stomach and duodenum	14	8	22
Cancer of breast	...	17	17
Cancer of all other sites	71	43	114
Diabetes	2	4	6
Intra-cranial vascular lesions	39	43	82
Heart disease	109	112	221
Other diseases of the circulatory system	22	14	36
Bronchitis	51	36	87
Pneumonia	29	31	60
Other respiratory diseases	10	6	16
Ulcer of stomach or duodenum	13	3	16
Diarrhoea (under 2 years)	...	4	4
Appendicitis	1	2	3
Other digestive diseases	14	14	28
Nephritis	13	7	20
Puerperal and post-abortive sepsis	...	...	...
Other maternal causes	...	1	1
Premature birth	13	8	21
Congenital malformations, birth injuries, infant diseases	5	11	16
Suicide	4	2	6
Road traffic accidents	...	1	1
Other violent causes	17	11	28
All other causes	40	38	78
	510	455	965

The two tables overleaf give the deaths of those registered during the 52 weeks ended 29th December, 1945.

The slight difference between the tables overleaf in respect of the causes of death and the one supplied by the Registrar General is that the Registrar General is in possession of additional information on the matter.



MALES.

Causes of Death	ALL AGES	— to 1	1 to 2	2 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 and over
Acute Encephalitis Lethargica	1	...	...	...	...	...	...	1	...	...	...	...
Cerebro-spinal Fever ...	1	1	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculosis of the Respiratory System	27	...	1	...	...	4	8	1	7	4	2	...
Other forms of Tuberculosis ...	2	...	...	...	...	1	1	...	...	...	...	...
Syphilitic Diseases ...	2	1	...	...	...	...	...	...	...	...	1	...
Influenza ...	1	...	...	...	...	...	...	...	...	...	...	1
Cancer of Buccal Cavity and Oesophagus	8	...	...	...	...	...	...	...	1	1	4	2
Cancer of Stomach and Duodenum	13	...	...	...	...	...	...	...	3	5	3	2
Cancer of all other sites ...	69	...	...	...	...	1	1	3	11	21	20	12
Diabetes ...	2	...	...	...	...	...	...	...	...	...	1	1
Intra-cranial Vascular Lesions	36	...	...	1	...	...	1	2	3	7	10	12
Heart Disease ...	110	...	...	1	1	...	1	2	8	14	46	37
Other Circulatory Diseases ...	22	...	...	...	...	...	...	1	1	3	8	9
Bronchitis ...	52	1	...	...	...	...	...	1	5	12	17	16
Pneumonia ...	29	8	...	1	...	...	1	...	5	3	6	5
Other Respiratory Diseases ...	12	...	...	...	...	...	...	1	3	1	5	2
Ulcer of Stomach or Duodenum	12	...	...	...	...	...	...	1	6	...	5	...
Diarrhoea (under 2 years)	...	...	...	...	...	...	...	...	...	...	...	...
Appendicitis ...	1	...	...	...	...	1	...	...	...	...	...	...
Other Digestive Diseases	14	...	...	1	...	...	2	3	2	2	3	1
Nephritis ...	13	...	...	...	...	...	...	2	3	4	2	2
Premature Birth ...	13	13	...	...	...	...	...	...	...	...	...	...
Cong. mal., birth injuries, infant dis. ...	5	5	...	...	...	...	...	...	...	...	...	...
Suicide ...	4	...	...	...	...	...	...	...	1	1	2	...
Road Traffic Accidents	...	...	...	...	...	...	...	...	...	...	...	...
Other violence ...	17	...	...	...	2	...	2	2	1	3	4	3
All other causes ...	42	...	...	...	2	1	1	3	2	4	15	14
Totals ...	508	29	1	4	5	8	18	23	62	85	154	119

## FEMALES.

Causes of death	ALL AGES	— to 1	1 to 2	2 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 and over
Scarlet Fever ... ..	1	...	...	1	...	...	...	...	...	...	...	...
Whooping Cough ... ..	22	...	...	...	...	...	...	...	...	...	...	...
Tuberculosis of the Respiratory System	22	...	...	...	...	6	4	6	3	3	...	...
Other forms of Tuberculosis ...	2	...	...	...	1	...	...	...	...	1	...	...
Syphilitic Diseases ... ..	1	...	...	...	...	...	...	...	1	...	...	...
Influenza ... ..	2	1	1	...	...	...	...	...	...	...	...	...
Measles ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Cancer of Uterus ... ..	10	...	...	...	...	...	...	...	3	3	...	4
Cancer of Stomach and Duodenum	9	...	...	...	...	...	...	...	1	1	2	5
Cancer of Breast ... ..	17	...	...	...	...	...	...	3	5	4	4	1
Cancer of all other sites ...	43	...	...	...	...	1	1	2	5	5	20	9
Diabetes ... ..	4	...	...	...	...	...	...	...	...	...	3	1
Intra-cranial Vascular Lesions	45	...	...	...	...	...	...	1	6	5	16	17
Heart Disease ... ..	112	...	...	...	...	1	1	3	8	10	28	61
Other Circulatory Diseases ...	13	...	...	...	...	...	...	...	...	...	9	4
Bronchitis ... ..	37	1	...	...	...	...	...	1	...	2	11	22
Pneumonia ... ..	31	4	1	...	1	1	...	3	1	2	6	12
Other Respiratory Diseases ...	5	...	...	...	...	...	...	1	2	1	...	1
Ulcer of Stomach and Duodenum	3	...	...	...	...	...	...	1	...	...	2	...
Diarrhoea (under 2 years) ...	4	3	1	...	...	...	...	...	...	...	...	...
Appendicitis ... ..	2	...	...	...	1	...	...	...	...	1	...	...
Other Digestive Diseases ...	13	...	...	...	...	...	1	1	...	1	5	5
Nephritis ... ..	7	...	...	...	...	...	...	...	2	1	2	2
Puerperal and Post-abortive Sepsis	...	...	...	...	...	...	...	...	...	...	...	...
Other Maternal Causes ...	1	...	...	...	...	1	...	...	...	...	...	...
Premature Birth ... ..	8	8	...	...	...	...	...	...	...	...	...	...
Cong. mal., birth injuries, inf. dis.	9	9	...	...	...	...	...	...	...	...	...	...
Suicide ... ..	2	...	...	...	...	...	1	1	...	...	...	...
Road traffic accidents ...	1	...	...	...	...	...	...	...	...	...	1	...
Other violence ... ..	11	1	...	...	...	...	...	2	1	3	3	1
All other causes ... ..	37	1	1	...	1	1	3	5	1	8	4	12
Totals ... ..	452	28	4	1	4	11	11	30	39	51	116	157



## INFANTILE MORTALITY.

The deaths of infants under one year of age were as follows :—

							M.	F.	Total
Legitimate	...	...	...	...	...	...	28	29	57
Illegitimate	...	...	...	...	...	...	1	—	1
							—	—	—
							29	29	58
							—	—	—

The death rate of all infants per 1,000 live births was 36.52. The death rate of all infants under one month of age per 1,000 live births was 22.67.

A detailed sub-division of the causes, etc., of these DEATHS is as follows:—

### MALES.

Causes of Death	Under 1 week	Second Week	Third Week	Fourth Week	Total under 1 month	1—3 months	3—6 months	6—9 months	9—12 months	Total under 1 year
Cerebrospinal Fever	...	...	...	...	...	...	...	1	...	1
Syphilitic Diseases	...	...	...	...	...	1	...	...	...	1
Pneumonia	...	...	1	1	3	2	3	...	...	8
Bronchitis	...	...	...	...	...	1	...	...	...	1
Premature Birth	...	12	1	...	13	...	...	...	...	13
Congenital Malformations	...	...	...	...	...	1	...	...	...	1
Other causes	...	4	...	...	4	...	...	...	...	4
Totals	...	17	1	1	20	5	3	1	...	29

### FEMALES.

Causes of Death	Under 1 week	Second week	Third week	Fourth week	Total under 1 month	1—3 months	3—6 months	6—9 months	9—12 months	Total under 1 year
Influenza	...	...	...	...	...	1	...	...	...	1
Pneumonia	...	...	...	...	...	...	3	1	...	4
Congenital Malformations	...	1	...	...	1	...	...	...	1	2
Premature Birth	...	6	1	1	8	...	...	...	...	8
Atelactasis	...	1	...	...	1	...	...	...	...	1
Bronchitis	...	...	...	...	...	1	...	...	...	1
Injury at Birth	...	4	...	...	4	...	...	...	...	4
Gastro-enteritis	...	...	...	...	...	1	1	1	...	3
Other Causes	...	1	1	...	2	...	...	1	...	3
Violence	...	...	...	...	...	1	...	...	...	1
Totals	...	13	2	1	16	4	4	3	1	28

## COMPARATIVE STATISTICS.

The Registrar-General has forwarded provisional figures relating to the country as a whole and to London, enabling comparisons to be made as follows :—

	Birth-rate per 1,000 population	Death-rate per 1,000 births.	
		From diarrhoea, etc., under 2 years	Total deaths under 1 year
England and Wales ...	16.1	0.46	5.6
London ... ..	15.7	0.40	7.6
Edmonton ... ..	16.98	0.47	2.5

### Annual Death Rate per 1,000 of Population.

	All Causes	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza
England and Wales	11.4	0.02	0.00	0.02	0.02	0.08
London ... ..	13.8	0.01	0.00	0.02	0.01	0.07
Edmonton ... ..	10.66	0.00	0.00	0.00	0.00	0.03

The following table gives the number of births and deaths (registered) sub-divided into the four Wards of the Borough. It should be remembered that births are only those which occurred in Edmonton of residents; these are registered in Edmonton. Births which take place outside the Borough are not included; this fact accounts for the difference between these figures and those supplied by the Registrar-General. The deaths include those taking place outside the Borough, the information being given quarterly by the Registrar-General.

Ward	Births		Deaths		Infant Deaths	
	M.	F.	M.	F.	M.	F.
Bury Street ... ..	161	180	154	111	8	12
Church Street ... ..	117	97	95	116	4	4
Angel Road ... ..	119	119	112	94	5	8
Silver Street ... ..	176	135	146	131	12	4
Vagrants ... ..	...	...	1	...	...	...
	573	531	508	452	29	28

## LABORATORY SERVICE.

The following examinations were carried out in the Bacteriological Laboratory :—



Nature of Examination.	Positive.	Negative.	Total.
Blood—Bleeding Time ... ..	—	—	2
Blood—Coagulation Time ... ..	—	—	2
Blood Counts ... ..	—	—	226
Blood—Paul Bunnell Test ... ..	—	—	1
Blood—Sedimentation Rate ... ..	—	—	2
Blood—Sugar Content ... ..	—	—	4
Blood—Urea Content ... ..	—	—	2
Breast Milk—Fat Content ... ..	—	—	36
Eye Smears for presence of Gonococci ... ..	—	2	2
Eye Smears for presence of organisms ... ..	—	—	36
Faeces for presence of Blood ... ..	—	—	1
Faeces for presence of Dysentery Bacilli ... ..	71	378	449
Faeces for presence of Tubercle Bacilli ... ..	—	1	1
Fish Paste for presence of organisms ... ..	—	—	2
Nasal Swabs for presence of Haemolytic Streptococci ... ..	—	12	12
Nasal Swabs for presence of organisms ... ..	—	—	10
Pus for presence of Tubercle Bacilli ... ..	—	1	1
Pus for presence of organisms ... ..	—	—	3
Sputa for presence of Tubercle Bacilli ... ..	—	35	35
Sputa for presence of organisms ... ..	—	—	3
Swabs for presence of <i>C. Diphtheriae</i> —			
(a) From Suspect cases ... ..	10	418	428
(b) From Contacts ... ..	1	90	91
(c) From Carriers and old cases ... ..	8	27	35
Throat Swabs for presence of Haemolytic Streptococci ... ..	—	9	9
Throat Swabs for presence of organisms ... ..	—	—	4
Throat Swabs for Vincent's Angina... ..	1	3	4
Urethral Smears for presence of Gonococci ... ..	1	1	2
Urine—Bacteriological Examinations ... ..	—	—	110
Urine—Chemical Examinations ... ..	—	—	288
Urine—Microscopical Examinations ... ..	—	—	239
Urine for presence of Tubercle Bacilli ... ..	—	2	2
Vaginal Smears for presence of Gonococci ... ..	—	7	7
Vaginal Smears for <i>Trichomonas Vaginalis</i> ... ..	—	5	5
Vaginal Smears for presence of organisms ... ..	—	—	5
Total Number of Examinations ... ..			2,059

### MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

152 Samples of Designated Milks were examined in the Laboratory. Results were as follows :—

#### Pasteurised Milk.

63 Samples were examined and all satisfied both the prescribed tests.

#### Tuberculin Tested Milk.

62 Samples were examined and 50 satisfied both the prescribed tests.

9 Samples failed to pass both the Methylene Blue and Coliform tests.

1 Sample failed to pass the Methylene Blue Test only.

2 Samples failed to pass the Coliform Test only.

**Tuberculin Tested (Pasteurised) Milk.**

27 Samples were examined and all satisfied both the prescribed tests.

**School Milk.**

28 samples of milk as delivered to the various schools of the Borough were examined, and all samples satisfied the prescribed tests of the Milk (Special Designations) Order 1936.

**Ambulance Facilities.**

The Council possesses four ambulances, and the following figures give some idea of the work carried out during the year :—

Private cases ... ..	9,138
Accident cases ... ..	796
Maternity cases ... ..	190
School Medical Dept. (Tonsils) ... ..	605
Maternity and Child Welfare (Tonsils) ... ..	290
Not required ... ..	258
False calls ... ..	12
Bedside Apparatus ... ..	112
Analgesia ... ..	96
Special services ... ..	570
	<hr/>
	12,057

Children's Accidents 207. Factory Accidents 80. Street Accidents 229. First Aid was rendered on 499 occasions. The resuscitating apparatus was in use on 9 occasions.

The total mileage of the vehicles was 56,248 miles.

With regard to Street Accidents, the main danger spots in the Borough noted during the year were as follows :—

Hertford Road, from Galliard Road to Lowden Road.

Fore Street, from Claremont Street to Silver Street.

Great Cambridge Road, from Westerham Avenue to the Roundabout.

Great Cambridge Road, from Harrow Drive to Trinity Avenue.

Town Road, junction of Hertford Road Traffic Lights.

**Transport.**

A 2-ton Bedford Coach conveys the deaf and dumb and partially blind children to and from school, picks up a few other children in the morning, taking them to a spot to meet the guide.

**Nursing in the Home.**

This has been described in previous reports.

**Hospitals.**

Infectious diseases are admitted into the Enfield, Edmonton and Potters Bar Joint Isolation Hospital, situated in Enfield.

Arrangements for the treatment of ear, nose, and throat disorders amongst school children are made with the Royal Waterloo Hospital.

**Nursing Homes Registration.**

There is one Nursing Home registered by the Council. This is kept under supervision by the Medical Officer of Health. No new applications to be placed on the register were received during 1945.

**SANITARY CIRCUMSTANCES OF THE AREA.**

The water supply of the Borough has at all times been satisfactory both in quality and quantity.

The Metropolitan Water Board is responsible for the supply which is piped direct to every dwelling-house throughout the Borough, and serves the entire population.

The co-operation of the Board has at all times been of the fullest.



## SANITARY INSPECTION IN THE AREA.

Five District Sanitary Inspectors and one woman Sanitary Inspector are engaged in the sanitary supervision of the Borough, working under the supervision of the Senior Sanitary Inspector. The Senior Sanitary Inspector supervises the work of the Borough and is Inspector under the Canal Boats Acts.

At the outbreak of hostilities the Senior Sanitary Inspector was appointed Controlling Officer for Emergency Petrol Supplies and also the Authorised Officer for the Decontamination of Food (Food Decontamination Officer).

### Sanitary Conveniences.

There are seven Public Conveniences in the Borough which are kept under constant supervision by the Public Health Department.

### Rats and Mice (Destruction) Act, 1919. Infestation Order, 1943.

Under this heading your Senior Sanitary Inspector, as Officer-in-Charge, Rodent Control, reports as follows :—

The Council have appointed Rodent Operatives and a Junior Clerk, and appointed the District Sanitary Inspectors Rodent Officers.

Up to the end of the year, 2,612 visits and re-visits have been made by the Rodent Operatives, in connection with complaints as to alleged rat infestation. Fourteen Intimation Notices have been served—owing to the fact that the Occupiers did not appear to be taking effective measures to eradicate the vermin, and one Statutory Notice was served.

Defestation has been carried out on request at 153 premises and at the end of the year 18 premises were in process of "Defestation."

The District Sanitary Inspectors in cases where there was a possibility of the infestation being due to defective drainage visited the premises and tested the drainage and any defects discovered were dealt with through the usual channels.

Of 103 cases of Rat Infestation referred to the District Inspectors, owing to the possibility of defects in the drainage, in 75% of the cases defects were discovered and as one can quite appreciate entailed quite a large amount of work.

### Middlesex County Council Act, 1944, Section 279, Hawkers, Etc.

This Act came into operation on the 1st October, 1944, and Section 179 replaced Section 71 of the Act of 1938. Five applications were received and the persons registered.

### Disinfection and Disinfestation.

The following table gives some idea of the work carried out :—

Number of journeys to collect bedding	...	...	...	243
" " " " return bedding	...	...	...	239
Rooms disinfected after infectious disease	...	...	...	706
" " " " phthisis	...	...	...	118
Rooms disinfected after other cases	...	...	...	189
Disinfestation carried out after vermin	...	...	...	472
Bedding, clothing, etc., disinfected after infectious disease	...	...	...	4,137 articles
Bedding, clothing, etc., disinfected after phthisis	...	...	...	1,777 "
" " " " " other cases	...	...	...	1,390 "

The Council distribute a disinfecting powder and fluid to residents who apply for same at the Town Hall Yard. During the year, the applicants numbered 9,042. One hour daily is allowed for such distribution with the exception of Fridays and Saturdays. A Formalin Chamber is used for the

disinfection of books, leather goods, etc., articles that would be damaged by steam. The number of books and other articles thus disinfected was 331.

Four Council houses and 164 other houses were found to be infested and the total number of rooms disinfested was 472. The whole of the work is carried out by the Department, the materials used being Block Disinfestators combined with the use of Insecticides. At the latter end of the year Insecticides with a D.D.T. base were put into use.

#### **Petroleum (Regulations) Acts, 1928 and 1936.**

During the year five new licences and 101 renewals were granted by the Council. The following is a list of particulars of quantities, etc., affected by these licences :—

Petroleum spirit	...	...	...	...	463,233 gallons.
Petroleum mixtures	...	...	...	...	7,500 „
Carbide of calcium	...	...	...	...	1 ton 17 cwts. 78 lbs.

#### **Mortuary.**

During the year 111 bodies were deposited in the Mortuary, 67 by order of the Coroner and 44 for sanitary reasons.

#### **Inspections.**

The following tabular statement gives the number and nature of the inspections made during the year :—

Complaints	...	...	...	...	2,376
Infectious disease	...	...	...	...	300
Tuberculosis	...	...	...	...	16
House-to-House	...	...	...	...	89
Factories with mechanical power	...	...	...	...	220
Factories without mechanical power	...	...	...	...	14
Outworkers	...	...	...	...	127
Schools	...	...	...	...	3
Offensive trades	...	...	...	...	5
Shops and Stalls	...	...	...	...	186
Shops Act (Primary)	...	...	...	...	13
Shops Act (Re-inspections)	...	...	...	...	5
Sanitary conveniences and urinals	...	...	...	...	471
Smoke observations	...	...	...	...	22
Rat Infestation	...	...	...	...	54
Stables	...	...	...	...	27
Piggeries	...	...	...	...	42
Petroleum	...	...	...	...	24
General inspections	...	...	...	...	393
Sundry Visits	...	...	...	...	2,715
Cinemas and Halls	...	...	...	...	7
Visits to canal	...	...	...	...	4
Gipsies	...	...	...	...	5
Re-inspections	...	...	...	...	6,023

#### **Inspection of Places where Food is Prepared.**

Butchers	...	...	...	...	121
Fish shops	...	...	...	...	28
Coffee shops	...	...	...	...	73
Dairies and milkshops	...	...	...	...	42
Slaughterhouses	...	...	...	...	47
Bakehouses	...	...	...	...	21
Ice Cream Shops	...	...	...	...	19



**Number of Notices Served.**

Preliminary or Informal Notices	...	...	1,628
Statutory Notices	...	...	444

**Defects Remedied.**

Houses repaired, cleansed, etc.	...	...	246
D.W. cisterns repaired, covered	...	...	17
Water fittings repaired	...	...	146
Water taken off mains	...	...	5
Drains examined, tested, etc.	...	...	490
Drains cleared, trapped, repaired	...	...	438
Drains reconstructed	...	...	95
Chambers inserted	...	...	59
Chambers sealed down	...	...	18
Soil and vent pipes repaired	...	...	74
W.C.s repaired, cleansed, etc.	...	...	287
Flushing cisterns repaired	...	...	159
Waste pipes repaired, etc.	...	...	83
Sinks repaired or renewed	...	...	31
Roofs repaired	...	...	291
Gutters and R.W.P.s repaired	...	...	237
Yards paved or repaved	...	...	75
Scullery floors repaired	...	...	48
Spaces under floors ventilated	...	...	37
Dampness remedied	...	...	83
Floors repaired	...	...	114
Coppers and stoves repaired, etc.	...	...	110
New dustbins supplied	...	...	204
Accumulation of refuse removed	...	...	9
Nuisances from animals abated	...	...	1
Other nuisances abated	...	...	184
Water supply restored	...	...	8
Rat defestation of premises	...	...	8

**Canal Boats Acts.**

During the year 4 visits were paid to the Canal and 4 boats were seen, but of this number none was fitted or used as a dwelling or registered under the Acts.

**Places of Public Entertainment.**

Eight inspections of cinemas and other places of entertainment were made in accordance with the Circular of the Ministry of Health of 1920. Conditions were found to be generally satisfactory.

**FACTORIES ACT, 1937.**

The following work has been carried out under the above Act :—

**1.—Inspections for the Purpose of Provisions as to Health.**

Premises	Inspections	Written Notices	Occupiers Prosecuted
Factories with mechanical power	220	12	...
Factories without mechanical power	14	...	...
Other premises under the Act (including works of building and engineering and construction but not including out-workers' premises)	—	...	...
Totals	234	12	...

## 2.—Defects Found.

Particulars	Number of defects			No. of defects in respect of which prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	
Want of cleanliness ... ..	19	19	...	...
Overcrowding ... ..	...	...	...	...
Unreasonable temperature ... ..	1	1	...	...
Inadequate ventilation ... ..	...	...	...	...
Sanitary Conveniences :				
Insufficient ... ..	...	...	...	...
Unsuitable or defective ... ..	14	14	...	...
Not separate for sexes ... ..	...	...	...	...
Other offences ... ..	...	...	...	...
(Not including offences relating to Home work or offences under Sections mentioned in the schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937.)				
Totals ... ..	34	34	...	...

## 3.—Outwork in Unwholesome Premises.

Nature of Work.	Instances.	Notices Served.	Prosecutions.
Wearing Apparel—			
Making, etc. ... ..	—	—	—
Cleaning and washing ... ..	—	—	—

### FACTORIES.

#### Defects Remedied.

W.C. walls cleansed ... ..	16
W.C. cisterns repaired ... ..	1
W.C. Seats repaired or renewed ... ..	4
W.C. Flush pipes repaired ... ..	—
W.C. doors repaired ... ..	—
W.C. pans replaced ... ..	2
Roofs repaired ... ..	—
Workrooms cleansed ... ..	2
Sanitary accommodation improved ... ..	2
"                    " for Sexes provided ... ..	4
Urinals cleansed ... ..	2
Unreasonable Ventilation ... ..	1

## HOUSING—HOUSING ACT, 1936.

### 1. Inspection of Dwelling Houses During the Year :—

- (1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) ... 1,449
- (b) Number of inspections made for the purpose ... 4,583
- (2) (a) Number of dwelling houses (including under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 ... 35
- (b) Number of inspections made for the purpose ... 166



(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...	10
(4) Number of dwelling houses (exclusive of those referred to above under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ..	1213
<b>2. Remedy of Defects During the Year without Service of Formal Notices :—</b>	
Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers ... ..	609
<b>3. Action under Statutory Powers During the Year.</b>	
A.—Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936 :—	
(1) Number of dwelling houses in respect of which notices were served requiring repairs ... ..	29
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) By owners ... ..	27
(b) By Local Authority in default of owners ...	6
B.—Proceedings under Public Health Acts :—	
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... ..	304
(2) Number of houses in which defects were remedied after service of formal notices :—	
(a) By owners ... ..	151
(b) By Local Authority in default of owners ...	15
C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—	
(1) Number of dwelling houses in respect of which demolition orders were made ... ..	—
(2) Number of dwelling houses demolished in pursuance of demolition orders ... ..	—
D.—Proceedings under Section 12 of the Housing Act, 1936 :—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... ..	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or rooms having been rendered fit. ...	—

### SLAUGHTERHOUSES.

Forty-seven visits were paid and the carcasses and organs of 224 pigs were inspected during or shortly after slaughter, permission for slaughter having been obtained from the Area Meat and Livestock Officer, and the following surrendered :—

18 Carcasses and Offal.  
15 Plucks.  
42 Livers.  
50 Sets of Lungs.

## INSPECTION AND SUPERVISION OF FOOD.

### Milk Supply.

Various licences were granted as under :—

	Primary.	Supplementary.
Pasteurised ... ..	12	7
Tuberculin tested ... ..	7	5
	—	—
	19	12
	—	—

One of the above retailers is licensed to bottle Tuberculin tested milk and one firm is licensed to pasteurise and bottle milk on the premises ; one firm is licensed to bottle pasteurised milk on the premises.

Supplementary licences are granted to retailers who live outside the Borough but who sell milk in the Borough ; the primary licence is granted by the Authority in which they reside.

### Unsound Food.

The following is a list of the food surrendered for examination and retained as unfit for human consumption :—

4651 tins of milk.	22 packets sponge mixture.
208 tins of beans.	3 1-cwt. bags of dates.
1128 tins of canned fish.	228 lbs. of dates.
458 tins of canned meat.	10 packets Master Mix.
73 tins of peas.	7 packets chocolate semolina.
67 pots of jam and marmalade.	9 14-lb. boxes of dried egg.
1 cwt. box of dog fish.	1 30-lb. box sultanas
1 cwt. box of hake.	80 lbs. spaghetti
24 stone of skate.	2 lbs. lard.
11½ stone of cod.	9 lbs. margarine.
5 stone headless jumbo	13 tins raising powder.
56 tins of rabbit.	7 pots of paste.
94 rabbits.	32 packets cake mixture.
410 lbs. of rabbit.	13 ½-gallon tins beef soup.
1 cwt. semolina.	30 1-cwt. sacks of potatoes.
2 cwt. sago.	12 sacks of peas.
104 lbs. of assorted biscuits.	7 lbs. of ham
2 7-lb. boxes of biscuits.	14 lbs. chocolate buttons
15 lbs. Welfare biscuits.	56 lbs. chocolate caramels.
38 3-lb. bags of flour.	10 tins beetroot.
311 lbs. of sugar	5 lbs. porage oats.
17 lbs. tea.	9 lbs. split peas.
17 chickens.	12 lbs. lentils.
26 lbs. of fruit cake.	2 lbs. cocoa.
159 lbs. of beef.	2 lbs. coffee.
12 lbs. of sirloin.	

Together with various small consignments of miscellaneous foods. The above items do not include the food dealt with at shops subjected to damage on account of " Enemy action."

### Shops Acts.

The Shops Acts Inspector submits a monthly report to the Public Health Committee, and the following is a short summary from January to July, 1945 :—

Visits to shops, licensed street traders, etc.	... 1,827
Contraventions	... .. 1

### Chemical and Bacteriological Examinations of Food.

The only examinations carried out by the Council are those for designated milks. The matter has been discussed previously.



## **PREVALENCE OF INFECTIOUS DISEASE.**

### **Measles and Whooping Cough.**

These diseases were made compulsorily notifiable in October, 1939. 948 cases of Measles and 203 cases of Whooping Cough were notified during the year. There were no deaths from Measles or Whooping Cough.

### **Diphtheria.**

I am happy to report the continued low incidence of this disease. Eleven cases were notified during the year compared with 30 in 1944. There were no deaths.

### **Scarlet Fever.**

This disease continued to occur throughout the year in a mild form; there were 194 cases compared with 256 in 1944; there was one death.

"Return" cases numbered 2 allowing for an interval of 28 days between a patient returning home from the Isolation Hospital and the onset of the disease in another inmate of the house.

### **Smallpox.**

No cases of smallpox were notified during the year.

### **Poliomyelitis.**

Three cases of this disease were notified during the year. There were no deaths from this disease.

### **Dysentery.**

Fifty-nine cases were notified during the year, 56 of the Sonne type and 3 Flexner type. Investigation failed to reveal the cause of infection. There were no deaths from this disease.

### **Cerebro Spinal Fever.**

Five cases were notified during the year. These cases were carefully investigated and precautions taken to prevent the spread of infection. Two deaths took place.

### **Puerperal Pyrexia and Ophthalmia Neonatorum.**

These are referred to later on under the heading of Maternity and Child Welfare.

### **Food Poisoning.**

No cases were notified during the year.

### **Pneumonia.**

Thirty-one cases were notified during the year.

### **Diarrhoea and Enteritis under 2 years of age.**

The death rate per 1,000 live births for London was 7.6 whilst that for Edmonton was 2.5 as compared with 10.1 and 2.6 respectively last year.

The following table gives the age, incidence, etc., of those suffering from notifiable diseases, excluding tuberculosis which is dealt with separately.

It must be noted that the figures in the second column "No. removed to hospital" includes those already under treatment at a hospital, for instance, the North Middlesex County Hospital.

This remark applies more particularly to the infections associated with parturition and includes puerperal pyrexia and ophthalmia neonatorum.

The number of deaths from Pneumonia includes all forms of this disease.

Disease	Total No. of Cases	No. Removed to Hospital	Deaths	— to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over
Scarlet Fever	194	168	1	...	4	14	10	19	109	26	3	7	2	...	...
Diphtheria ...	11	11	...	...	...	...	1	1	2	6	1	...	...	...	...
Puerperal Pyrexia	73	73	...	...	...	...	...	...	...	...	4	54	15	...	...
Pneumonia ...	31	4	60	2	2	...	3	...	2	...	1	3	6	9	3
Erysipelas	33	12	...	1	...	...	...	...	...	1	3	4	6	11	7
Ophth-Neonatorum	21	19	...	21	...	...	...	...	...	...	...	...	...	...	...
Dysentery ...	59	28	...	2	13	3	5	8	2	5	5	4	5	6	1
Whooping Cough	203	12	...	29	30	20	23	22	74	1	...	3	1	...	...
Measles ...	948	19	...	44	125	137	115	133	368	15	3	7	1	...	...
C.S.F. ...	5	4	1	1	1	...	...	...	1	1	1	...	...	...	...
Poliomyelitis ...	3	1	...	...	...	...	1	...	1	1	...	...	...	...	...

The following table indicates the Wards from which the various cases were notified :—

Disease	Bury Street Ward	Church Street Ward	Angel Road Ward	Silver Street Ward	N. Middx. C. Hosp.	Other Instns.	Total
Scarlet Fever ...	49	83	19	42	1	...	194
Diphtheria ...	6	1	4	...	...	...	11
Puerperal Pyrexia	...	3	4	1	65	...	73
Pneumonia ...	11	7	6	7	...	...	31
Erysipelas ...	11	4	7	11	...	...	33
Ophth-Neonatorum	3	1	1	1	15	...	21
Dysentery ...	14	5	7	27	6	...	59
Whooping Cough ...	54	53	44	52	...	...	203
Measles ...	357	235	189	161	5	1	948
C.S.F. ...	...	...	3	2	...	...	5
Poliomyelitis ...	1	...	...	2	...	...	3

## IMMUNISATION.

### Diphtheria.

During the year, 1,373 appointments were made—1,242 children completed treatment under the Council's arrangements ; of these 1,136 were under 5 years of age. 35 children were Schick tested. In 1944, 1,115 children completed immunisation treatment. Up to 31st December, 1945, 44.89% of children under 5 years of age and 55.84% of children from 5—15 years of age had completed immunisation treatment.

### Measles.

Measles Immune Globulin. None was issued to general practitioners during the year.



## Whooping Cough.

Edmonton children are immunised against Whooping Cough. The material used is "Vaccine A," and during the year, 768 appointments were made for this treatment—510 children completed treatment.

## CANCER.

The incidence of Cancer relative to the various organs of the body is given as under :—

	Males.	Females.
Breast ... ..	—	17
Uterus ... ..	—	10
Buccal cavity and oesophagus ... ..	8	—
Stomach and duodenum ... ..	13	9
All other sites ... ..	69	43
	90	79

## PREVENTION OF BLINDNESS.

Cases of ophthalmia neonatorum are promptly visited and, if thought necessary, are removed to hospital for treatment. No cases of blindness have arisen during the year due to this cause.

As provided by Section 176 (1) of the Public Health Act, 1936, arrangements exist with the Middlesex County Council for the treatment at the school clinics of adolescents who are ascertained at school to be suffering from defective vision.

## ORTHOPAEDIC TREATMENT.

Details of this scheme were set out in my Report for 1939.

## ESTABLISHMENTS FOR MASSAGE OR SPECIAL TREATMENT.

In 1941 the Council resolved that Part 7 of the Middlesex County Council Act, 1934, be put into operation in the Borough.

## TUBERCULOSIS.

The table below gives details of the ages and sex of new cases of Tuberculosis, also deaths from the disease ; this latter figure includes the deaths of non-notified cases.

Age Periods	New Cases				Deaths			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ...	...	...	...	...	...	...	...	...
1— 5 years ...	2	...	...	...	1	...	...	...
5—15 " ...	5	2	2	3	...	...	...	1
15—25 " ...	22	23	3	6	4	6	1	...
25—35 " ...	16	16	1	3	8	4	1	...
35—45 " ...	11	4	...	4	1	6	...	...
45—55 " ...	10	2	...	1	7	3	...	...
55—65 " ...	9	1	...	...	4	3	...	1
65 years upwards	1	...	...	...	2	...	...	...
	76	48	6	17	27	22	2	2





Corresponding figures for previous years were :—

					Males.	Females.	Totals.
1943	...	...	...	...	411	355	766
1942	...	...	...	...	348	304	652
1941	...	...	...	...	355	293	648
1940	...	...	...	...	349	313	662
1939	...	...	...	...	357	301	658
1938	...	...	...	...	363	297	660
1937	...	...	...	...	336	260	596
1936	...	...	...	...	315	252	567
1935	...	...	...	...	330	265	595
1934	...	...	...	...	339	281	620

### COUNCIL'S EMPLOYEES.

During 1945 the Medical Officer of Health paid a total of 296 visits to those employees who had been on the sick list for longer than a fortnight and, when necessary, at fortnightly intervals. Of these 57 were "not at home" and one had already resumed duty.

Also, during the year, one person was examined prior to appointment to permanent post.

## MATERNITY AND CHILD WELFARE COMMITTEE.

*Chairman* : Councillor Mrs. A. M. GLOVER.

Councillors Ald. W. PREYE (Mayor), Ald. J. REID (Deputy Mayor).

Councillors J. A. BEATTIE, L. E. BERRIDGE, Mrs. E. F. JOHNSON, Mrs. E. M. MOSS, Mrs. E. N. NEWSHAM, W. PULLEN and J. WARD, J.P.

### STAFF.

D. REGAN, B.A. B.Sc. M.B. Ch.B., B.A.O., D.P.H. (L'pool).

C. A. GOGGIN, M.B., B.Ch., B.A.O., D.P.H., Deputy Medical Officer of Health.

K. M. HART, M.B., B.S. (Lond.), M.D., D.P.H., Assistant Medical Officer.

M. SUTCLIFFE, M.B., B.Ch., B.A.O., T.C.D., D.P.H., Assistant Medical Officer.

E. GRAY, M.B., Ch.B., D.P.H., L.M. (Dublin), Assistant Medical Officer. (Commenced April, 1945).

J. A. CHOLMELEY, F.R.C.S. (Eng.), Orthopaedic Surgeon.

R. LESLIE DODDS, F.R.C.S., Consulting Accoucheur.

E. UNDERHILL, L.D.S., R.C.S., Dentist.

### Health Visitor/School Nurses (Combined Service).

*bcdi* Miss S. BRIGGS, Lady Superintendent, Health Visitor/School Nurse.

*dc* Miss A. NAYLOR. *bcd* Miss R. BULLOCK.

*bcd* Miss M. R. HAZELTON *bcd* Miss B. F. LISTER.

*acd* Miss J. M. ANDERSON. *bcd* Mrs. I. JENNINGS (Left Aug., 1945).

*bcd* Miss V. GARRETT *bcd* Miss C. L. COLE (Commenced June, 1945).

*bcd* Miss J. PATERSON *bcd* Miss I. McLEAN (Commenced Aug., 1945)

*bd* Miss M. DRUCE.

*c* Miss A. FAHY (School work only).

Mrs. C. TONKIN (School work only).

### Physiotherapist.

Miss M. F. REES (Commenced June—Left December, 1945).

### Municipal Midwives.

*cdfg* Mrs. R. K. M. NEALE, Non-Medical Supervisor of Midwives. (Left September, 1945)

*cdfg* Miss H. BRIDGE, Non-Medical Supervisor of Midwives. (Commenced September, 1945.)

*cdg* Mrs. M. FITZJOHN, Senior Midwife.

*cdg* Mrs. D. S. C. GAZZARD.

*cdg* Miss A. G. WALKER.

*cdg* Miss K. M. JAMES.

*cdg* Miss D. M. LEWIS.

*cdg* Miss V. UMMEN.

*cdg* Mrs. A. M. BURTON.

*cdg* Miss S. SIMPSON.

*cdg* Mrs. E. DENNISON. (Left August, 1945.)

*cdg* Mrs. E. LAUHLIN.

*dg* Miss D. V. CURTIS.

*dg* Miss K. A. BLIZARD.

*cdg* Miss A. MCAULEY. (Commenced September, 1945.)

*a* Maternity and Child Welfare Certificate.

*b* New-Health Visitor's Certificate.

*c* State Registered Nurse.

*d* State Certified Midwife.

*e* Sanitary Inspector's Certificate.

*f* Teacher's Certificate of Midwifery.

*g* Certificate for Gas and Air.

*h* Nursery Nurses Diploma.

*i* Diploma of Hygiene.

*j* Reg. Sick Children's Nurse.



## CLERICAL.

Miss R. S. SAUNDERS (Senior Clerk).  
Miss N. A. EYRES.  
Miss H. P. TURTON. (Left March, 1945).  
Miss J. BLATTER.  
Mrs. V. CARTER.  
Miss K. Arnold (Commenced March, 1945).  
Miss O. CUNNINGHAM (Commenced April, 1945).

## MATRONS—NURSERIES.

Fore Street ...	...	h	Miss M. W. BETTERIDGE.
Hertford Road	...	cj	Mrs. I. DRUMMOND.
Florence Road	...	c	Mrs. M. VINCENT.
Silver Street	...	c	Mrs. MUNDY (Left September, 1945).
		h	Mrs. SMITH (Commenced September, 1945).

## FOREWORD.

In submitting the report of the Maternity and Child Welfare Department for 1945, I am pleased to be able to report that notwithstanding the many difficulties and problems which have been encountered, we have surmounted them successfully and finished the year with a record of good service to the community.

The last three months of 1945 indicated the trend of the birth rate and proved that 1946 would be a very busy period for the Midwifery Service and create many serious problems.

Mrs. Neale, the Non-Medical Supervisor, left in September, 1945, and her place was taken by Miss H. M. Bridge.

The Ante-Natal Clinics were well patronised and an increase in the number of sessions is urgently required as soon as an adequate Medical Staff is appointed. The Ante-Natal Clinics are under the supervision of the Non-Medical Supervisor of Midwives with her Staff, and this gives an opportunity to the midwives of obtaining first hand knowledge of the cases they will be attending for confinements.

The arrangements with the Hospital for the transfusion service to be available to the women on the district has proved a very great boon and the results have been excellent.

The Gas and Air Analgesia is gradually gaining more popularity and the publicity given is showing its results.

On 31st August the Evacuation Scheme for expectant mothers which operated during the war, officially ended, and Local Authorities were asked to accept financial responsibility for their own cases. The arrangements with regard to the admissions and discharges to and from Maternity Homes remained as usual. The Council inaugurated the financial scheme, but when it was in operation the Middlesex County Council took over the responsibility. The general arrangements, however, are still carried out by the Department, as in the past.

The Home Help Scheme has not been easy to operate, owing to the shortage of suitable labour, but it is an achievement to report that during the whole of the war period the women of Edmonton have had the advantage of a service which, by the end of 1945, showed every sign of gradually recruiting more women, although it is slow progress.

I am very happy to state that the Maternal Mortality Rate is again very low, viz.: 0.61 per 1,000 births, and there has been an absence of deaths from puerperal infection.

I have to report that the four War-time Nurseries have given excellent service and been very well patronised. The staffing of these establishments has



presented many difficulties, but the children have had every care and attention and the infection and illness has been low.

Extra attention is now being given to the care of premature babies, and a scheme of co-operation arranged with the North Middlesex County Hospital.

The Post-Natal Clinic shows encouraging increases and as soon as the staff permits, another session will be started. In 1944 the average attendance was 24.72, and in 1945, 31.87.

The Infant Welfare Clinic at Bush Hill Park became so overcrowded that it was necessary to start a second session in May, 1945.

From April, 1945, certain services were introduced as free to children under 5 years of age, to bring them into line with concessions granted under the Education Act, 1944, to children under 5 years of age who attend school, viz.: dental treatment, orthopaedic appliances, operations for tonsillectomy and adenoidectomy, and the supply of spectacles.

I have appreciated the excellent work carried out by every Member of the Staff of the Maternity and Child Welfare Department and wish to place on record how much I have appreciated their loyal co-operation.

In conclusion, I should also like to express my thanks to the Chairman and all the Members of the Maternity and Child Welfare Committee for their help and understanding.

D. REGAN,

Medical Officer of Health.

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The following information gives details of the Maternity and Child Welfare Clinics at the end of 1945 :—

- (1) Ante-Natal Clinic at Brookfield House, Fore Street (adjoining the Town Hall). Six sessions weekly.
- (2) Child Welfare Centres :—
  - (a) Brookfield House. Three sessions weekly.
  - (b) Methodist Church Hall, Bush Hill Park. Two sessions weekly.
  - (c) St. Edmund's Church Hall. Two sessions weekly.
  - (d) Weir Hall. Two sessions weekly.
  - (e) St. John's. One session weekly.
- (3) Post-Natal and Advisory Clinic at Brookfield House. One session weekly.
- (4) Dental Clinic at Croyland Road School Clinic. Two sessions weekly.
- (5) Orthopaedic Clinic at Methodist Central Hall, Fore Street. Two sessions weekly.
- (6) Obstetric Surgeon attends once a fortnight at Brookfield House.

The following information will give some indication as to the work carried out by the Department during the year 1945 :—

### Births.

The total number of births notified during 1945 was as follows :—

Live births notified by midwives	...	...	...	...	2,429
" " " doctors and parents	...	...	...	...	76
Still-births " " midwives	...	...	...	...	95
" " " doctors	...	...	...	...	4
					<hr/>
					2,604
					<hr/>



These figures include births which have taken place in the North Middlesex County Hospital, both of Edmonton and non-Edmonton residents ; excluding these latter the notified births of Edmonton residents are :—

Live births notified by midwives	...	...	...	...	1,043
" " " doctors and parents	...	...	...	...	73
Still-births " " midwives	...	...	...	...	22
" " " doctors	...	...	...	...	4
					<hr/>
					1,142
Number of live Edmonton babies born in outlying institutions	...	...	...	...	214
Number of still-born Edmonton babies born in outlying institutions	...	...	...	...	4
					<hr/>
					218

The following table includes births of Edmonton residents and those born and registered in other districts :—

	Male.	Female.	Total.
Live Births	683	635	1,318
Still-births	20	11	31
			<hr/>
	703	646	1,349

#### Premature Babies.

Arrangements have been made for additional care and supervision to be given and special records are kept. Premature children in need of hospital care are admitted to the North Middlesex County Hospital, as in the past.

No. of babies notified during 1945 who weighed  $5\frac{1}{2}$  lbs. or less :—

(a) Born at home	...	...	27
(b) Born in hospital	...	...	46
			<hr/>
			73

#### VISITS PAID BY THE HEALTH VISITORS.

The following table gives details as to the visits paid by the Health Visitors :—

To expectant mothers :—

First visits	...	...	...	...	115
Total visits	...	...	...	...	115

To children under 1 year of age :—

First visits	...	...	...	...	1,407
Total visits	...	...	...	...	9,406

To children between 1 and 5 years of age

Infant Protection visits to children 5-9 years

Visits re adoption

...	...	...	...	...	141
...	...	...	...	...	128
					<hr/>
					23,112

#### Ante-Natal Clinic.

This clinic was held six times weekly (one session being for new patients only) and the following are the figures for the year :—

Number of general sessions in the year	...	...	...	256
Number of prospective mothers	...	...	...	1,802*
Number of consultations	...	...	...	8,223
Total number of attendances	...	...	...	10 023

Average number of attendances :—

(a) Per session	...	...	...	39.15
(b) For consultation	...	...	...	32.12

Clinic for New Patients (commenced March, 1945) :—

(a) No. of sessions	...	...	...	...	...	41
(b) New cases	...	...	...	...	...	547
(c) Total number of attendances	...	...	...	...	...	729

\* Included in this total are 508 referred from the North Middlesex County Hospital under the scheme of co-operation with that hospital.

The Ante-Natal Clinics are under the supervision of the Non-Medical Supervisor of Midwives, with the help of the Midwifery Staff.

**Post-Natal Clinic.**

Number of sessions	...	...	...	...	...	46
Actual number of mothers who attended	...	...	...	...	...	482
Number of consultations	...	...	...	...	...	1,362
Total attendances at clinic	...	...	...	...	...	1,366
Average attendance per session	...	...	...	...	...	31.87

**Advisory Clinic.**

New Cases	...	...	...	...	...	8
Total attendances	...	...	...	...	...	16
Number of mothers seen by Doctor	...	...	...	...	...	16

**Specialist's Clinic.**

The Consulting Specialist made 25 visits during the year and saw 188 cases, making an average of 7.52 per session.

**Child Welfare Clinics.**

The figures relating to attendances are :—

	Brookfield House.	Methodist Hall.	St. Edmunds.	Weir Hall.	St. Johns.
Number of sessions	152	84	100	102	50
New cases—(a) Under 1 year	494	192	254	277	127
(b) 1—5 years	113	25	41	49	32
Attendances—					
(a) Under 1 year	8,089	3,659	5,191	6,085	2,724
(b) 1—5 years	3,476	2,329	2,355	3,859	1,041
	11,565	5,988	7,546	9,944	3,765
Average attendances	76.08	71.28	75.46	97.49	75.3
Doctor's consultations	4,134	1,794	2,539	2,941	1,174

From April, 1945, it was decided that certain services should be free of charge to children under five years of age to bring them into line with concessions granted under the the Education Act, 1944, to children under five years of age who attend school.

The services involved include :—

- (a) Orthopaedic appliances.
- (b) Dental treatment for children.
- (c) Spectacles and repairs.
- (d) Tonsils and adenoids operations.

**Orthopaedic Clinic.**

The Clinic is held twice weekly and the following are the figures for the year :—

Number of sessions	...	...	...	...	...	74
New cases referred during the year	...	...	...	...	...	117

**Attendances.**

Surgeon's days	...	...	...	...	...	238
Treatments given	...	...	...	...	...	318
No. of children attending for treatment	...	...	...	...	...	270
No. of wedges fitted	...	...	...	...	...	83
No. of surgical instruments	...	...	...	...	...	11

**In-patient Treatment.**

Five children were admitted to Stanmore during 1945. Three children left in hospital from 1944 were discharged in 1945.



**Dental Clinic.**

Details of the work carried out are :—

	Mothers.	Children.
Number of sessions ... ..	94	79
Number of attendances ... ..	868	386
Number of new cases ... ..	310	205
Total number treated ... ..	598	360
Fillings ... ..	100	—
Dressings ... ..	23	621
Scalings ... ..	56	—
Extractions (Number of teeth)—		
(a) Under Gas ... ..	1,400	210
(b) Local Anaesthetic ... ..	22	—
Number of gas cases ... ..	393	131

**Dentures.**

Number supplied—61 of whom 53 paid the full cost, 6 were half cost, and 2 were free of charge.

**Sunlight Clinic.**

1,052 children were referred during the year for sunlight treatment and 4,508 treatments were given.

**Ophthalmic Clinic.**

111 children under 5 years of age attended this clinic during the year. 78 attendances were made for Refraction, 46 for re-examination and 67 for Examination. Number of spectacles supplied were 64 and repairs numbered 28.

**Speech Clinic.**

Arrangements are made with the Education Committee for children under five years of age to attend the Speech Clinic and 6 children were referred during the year. No charge is made to the parents.

**Details of Distribution of Dried Milk, Cod Liver Oil, etc.**

Distributed by the Maternity and Child Welfare Department apart from any scheme of the Ministry of Food.

Trufood ... ..	71 tins.
Ostermilk ... ..	137 „
Cow and Gate ... ..	708 packets.
Cod Liver Oil and Malt ... ..	49 cartons.
Haly-calcyne ... ..	15 packets.
Glucose ... ..	43 „
Fersolate ... ..	46 „
Bemax ... ..	33 „

**Convalescent Cases.**

One child was sent away under the contract with the Invalid Children's Aid Association and one child was still away at the beginning of the year who had been sent during 1944.

**Tonsils and Adenoids.**

One hundred and forty-five children were admitted to hospital for the removal of tonsils and adenoids.

**INFECTIOUS DISEASES.****Ophthalmia Neonatorum.**

Twenty-one cases were notified during the year and of these 18 occurred in the North Middlesex County Hospital, 3 of which were Edmonton cases. Of 3 cases which occurred in the district, one was removed to hospital.

**Puerperal Pyrexia.**

Seventy-three cases were notified during the year and of this number 71 occurred in the North Middlesex County Hospital of which 22 were Edmonton cases. Two cases occurred in the district and were removed to the Isolation Hospital,

## MIDWIFERY SERVICE.

### Analysis of work.

Actual confinements attended by midwives	...	...	...	...	595	(Of this number 537 as midwives and 58 as Maternity Nurses).
Attended by midwives, but women admitted to hospital before or during confinement	...	...	...	...	104	
Left district before confinement or mothers evacuated through L.C.C. scheme, etc.	...	...	...	...	94	(Attention and supervision given by Municipal midwives during Ante-Natal period).

In addition to the actual 595 confinements attended, a total of 12,875 visits were paid by midwives as under :—

Ante-Natal visits to homes	...	...	...	1,206
Post-Natal Visits	...	...	...	9,931
Additional evening visits	...	...	...	159
Visits after fourteenth day	...	...	...	111
False alarms...	...	...	...	397
Special Visits	...	...	...	704
Second Nurse for Gas and Air Analgesia				53
Miscellaneous	...	...	...	314

### Medical Aid.

The number of claims made by doctors for Medical Aid during the year 1945 was 95, of this number 12 cases were granted free of charge, 10 at half cost and the remainder paid the full fee.

### Gas and Air Analgesia.

One hundred and twenty-nine cases were booked during the year, of these 86 had gas and air administered.

### Blood Transfusion Service.

Under an arrangement with the North Middlesex County Hospital, Medical Practitioners can now call upon the Blood Transfusion Service, and two cases were attended during the year.

### Evacuation of Expectant Mothers under the Government Scheme at the eighth month of pregnancy.

The department is responsible for the arrangements in connection with the evacuation of expectant mothers under the Government Scheme and in 1945, 203 mothers applied to be sent away. By December 31st, 121 women had been sent to reception areas for their confinement. Fifty-five cancelled the arrangements for various reasons.

### Home Helps.

One hundred and thirteen women had the services of a Home Help during 1945, 96 paid full cost, 8 paid half cost, and 9 had the services free of charge.

### Ante-Natal Scheme of Co-operation between the Council and the North Middlesex County Hospital.

Under an arrangement with the Middlesex County Council 120 homes were visited during the year where women applied to the North Middlesex County Hospital for admission and the Authorities desired to have a report on the home circumstances.

### Sterilised Maternity Outfits.

Four hundred and twenty-eight sterilised maternity outfits were issued during the year, 404 were paid for, 7 paid half cost, and 17 were granted free of charge.



## **X-Rays.**

Thirteen mothers were referred to the hospital for X-Ray Examination during the year, 12 of whom paid the full cost and one was free of charge.

## **PRIORITY DOCKETS FOR SHEETS.**

Priority dockets for sheets are issued to mothers having their confinement at home, and during the year 1,307 were issued.

## **CHILDREN UNDER 5 YEARS OF AGE DISCHARGED FROM THE NORTH MIDDLESEX COUNTY HOSPITAL.**

Twelve visits were paid to children under 5 years of age who had been discharged from the hospital and it was necessary for them to remain under supervision.

## **ILLEGITIMATE CHILDREN.**

Every effort is made to assist the women, and a contract has been made with the Middlesex County Council for the admission of women and babies to suitable Hostels.

## **INFANT LIFE PROTECTION.**

Each Health Visitor employed by the Council is an Officer for Infant Life Protection and great care is taken by them in supervising this part of the work. The number of persons on the register at the end of 1945 was 15 and the number of children 17.

## **Adoption of Children (Regulation) Act, 1939.**

The Health Visitors are now responsible for the carrying out of this work, viz. :—

Number of persons who gave notice under Section 7 (3) during the year ... ..	24
Number of children in respect of whom notice was given ...	24
Number of children under supervision at the end of the year...	8

## **War-time Nurseries.**

Attendances for the whole year were :—

Fore Street ... ..	15,985
Hertford Road ... ..	11,006
Florence Road ... ..	9,709
Silver Street ... ..	12,302

## **Medical Inspections in Nursery Schools and Classes.**

From February, 1945, the clerical arrangements for medical inspection and following up work have been carried out by the Maternity Department. As these children are all under five years of age it was important that a new scheme be introduced to enable a link up between the medical records at the Infant Welfare Centres and those at the Nursery Schools and Classes.

Forty-eight medical inspections were arranged during the year, and in addition the Health Visitor/School Nurses carried out routine visits of inspection to the children.

BOROUGH OF EDMONTON

# Education Committee

1945

*Chairman* - - - - - Councillor Mrs. E. M. HEARN.

*Vice-Chairman* - - - - - Councillor S. W. CREASEY.

Aldermen : A. J. HOLLYWOOD, J. REID, H. GATWARD, W. A. EDMUNDS,  
Mrs. E. A. YOUNG and W. PREYE.

Councillors : Mrs. E. LONG, J.P., W. BALES, T. H. JOYCE, W. GREEN, J. A.  
WARD, J.P., W. H. COLEMAN, Mrs. E. B. NEWSHAM and G. T. W. TOTT.

## Whole-Time Medical Staff.

D. REGAN, B.A., B.Sc., M.B., Ch.B., B.A.O., D.P.H. (L'pool), School  
Medical Officer, Medical Officer of Health and Supervisor of Maternity  
and Child Welfare Services.

C. A. GOGGIN, M.B., Ch.B., D.P.H., Deputy School Medical Officer and  
Deputy Medical Officer of Health.

K. HART, M.B., B.S. (London), M.D., D.P.H., Assistant School Medical  
Officer and Assistant Medical Officer of Health.

M. SUTCLIFFE, M.B., B.Ch., B.A.O., T.C.D., D.P.H., Assistant School  
Medical Officer and Assistant Medical Officer of Health.

E. GRAY, M.B., Ch.B., D.P.H., L.M. (Dublin). (Commenced April, 1945.)  
Temporary Assistant School Medical Officer and Assistant Medical  
Officer of Health.

## Whole-Time Dental Surgeons.

J. F. ARDOUIN, L.D.S., R.C.S., Senior Surgeon Dentist.

E. UNDERHILL, L.D.S., R.C.S., Assistant Surgeon Dentist.

F. H. S. WEISS, L.D.S., R.C.S., Assistant Surgeon Dentist (now serving  
with His Majesty's Forces).

## Consultants.

J. A. CHOLMELEY, F.R.C.S. (Eng.), Orthopaedic Surgeon.

Miss L. M. SMITH-CLARK, M.B., Ch.B., Ophthalmic Surgeon.

J. BROWNING-ALEXANDER, F.R.C.P., Rheumatic Specialist.

W. IBBOTSON, F.R.C.S., Aural Specialist.

V. A. F. GREENISH, L.D.S., R.C.S., Orthodontic Specialist.

MICHAEL S. M. FORDHAM, M.R.C.P., Psychiatrist.

## Part-Time Staff.

Miss B. N. OLDREY, M.S.S.T., Speech Therapist.

Miss G. KERR, Chartered Physiotherapist. (Left January, 1945.)

Physiotherapist: Miss M. REES (Commenced duty June, 1945, left  
December, 1945).

## School Nurses and Health Visitors.

Miss S. BRIGGS (Superintendent).

Miss A. NAYLOR.

Mrs. C. TONKIN.

Miss A. FAHY.

Miss M. R. HAZELTON.

Miss J. ANDERSON.

Mrs. I. JENNINGS (*nee* Jones).  
(Left August, 1943.)

Miss B. LISTER.

Miss V. GARRETT.

Miss J. PATTERSON.

Miss M. DRUCE.

Miss R. BULLOCK.

Miss M. BUTTERFIELD.

Miss COLE.

(Commenced June, 1945.)

Miss MACCLEAN.

(Commenced August, 1945.)

## Educational Psychologist.

Miss I. BEST.



### **Psychiatric Social Worker.**

Miss S. A. TOYNBEE.

### **Dental Attendants.**

Miss O. BROOKS. Mrs. J. DYBLE (*nee* Collyer). (Left September, 1945.)

### **Clerical Staff.**

B. R. ALLEN, F.I.P.S., F.C.T.S., A.F.T.Com., Senior Clerk. (Now serving with H.M. Forces.)

H. A. CARLESS, Clerk.

S. E. WOODROFFE, Clerk. (Now serving with H.M. Forces.)

Miss A. SAVILL, Clerk. (Two years' leave of absence granted since June, 1945.)

Mrs. E. R. TAYLOR, Clerk.

Mrs. P. R. THORLEY (Temporary).

Miss V. D. BRUTON (Temporary).

Miss J. WITTCKE (Temporary, Commenced October, 1945).

### **Clinic Workers (Cleansing Station) :**

Mrs. V. R. DENNISON. Mrs. F. CHANDLER (Half-time).

TO THE CHAIRMAN AND MEMBERS OF THE EDUCATION COMMITTEE:

LADIES AND GENTLEMEN,

I beg to submit my Annual Report on the circumstances of the School Medical work for the year 1945. The report is compiled concerning the health and well-being of the school children of Edmonton in accordance with the wishes of the Ministry of Education conveyed to me through the medium of the County Council.

The satisfactory treatment of tonsils and adenoid cases has again caused great difficulty throughout the year, mainly due to the lack of suitable hospital accommodation. In pursuance of my policy of completely treating every child who needs such treatment, I am glad to be able to report that the results have justified the efforts that have been made on behalf of the children. We have, however, a waiting list and it appears to be impossible to have all these children treated. The treatment is carried out in strict rotation except in cases of extreme urgency.

The year 1945 saw the foundations of Child Guidance being established in the Borough. This service was at first received with some trepidation on the part of the parent. Having realised, however, the benefits that can be gained by partaking of this serving, we are now having the experience of being requested by the parents themselves to help them and their children in their difficulties. The service is not yet complete, due mainly to the lack of officers and also suitable premises in which to carry out this very important work.

The standard of efficiency in the Medical Services is being pursued and the assistance given is very much appreciated by the parent. This is borne out by the high attendances at the Minor Ailments Clinics and the eagerness with which parents seek the advice of Doctors and Health Visitors in School Medical inspection.

A few years ago I personally started assisting some children who were suffering from asthma in order to increase their attendance at school and to relieve them of some of the distressful conditions from which they suffered. As time went on this Clinic grew in importance and we must now set aside a special session weekly for the purpose. The children are sent to St. Mary's Hospital, Paddington, where they are "typed" by Dr. John Freeman, and his recommendations are carried out. Some of these children are sent to the Open-Air School where we give them special exercises. I am pleased to be able to report that the results achieved are very satisfactory, although we have not attained 100 per cent. results.



I would like to express my thanks to the members of the Middlesex County Council Borough of Edmonton Education Committee for their unfailing courtesy at all times. We are now growing accustomed to our association with the Middlesex County Council authorities and I am sure, in future years, this association will be crowned with even better results. I would like to express to my staff my deep appreciation of the help and assistance which they have at all times given to me and who are as eager to establish more and more higher principles for the prosecution of their work.

I have the honour to remain, Ladies and Gentlemen,

Your obedient Servant,

D. REGAN,

School Medical Officer.

### 1. STAFF.

Dr. E. Gray was appointed Temporary Assistant School Medical Officer and commenced duties in April, 1945.

We were sorry to lose the services of Miss Kerr, masseuse, who left the service in January, 1945, to take up duties with the British Red Cross in India. Owing to staff difficulties, the Royal National Orthopaedic Hospital authorities were unable to supply another masseuse and I ultimately obtained permission to appoint a full-time physiotherapist. Miss Marjorie Rees commenced duties in June, 1945, but, unfortunately, left the service in December.

### 2. CO-ORDINATION.

The co-ordination between the various Departments, general practitioners, Education Offices, and teaching staff ran smoothly as in previous years.

### 3. SCHOOL HYGIENE.

It has been impossible during the war years to improve the hygiene in some of the older schools. The sanitary accommodation in these buildings leaves much to be desired and I hope that the Committee will make every effort to bring about a change.

### 4. MEDICAL INSPECTION.

The number of children who received full routine medical inspections for all groups during the year 1945 was 3206.

The analysis of the age groups was as follows :—

Entrants	...	...	...	...	...	1,154
Second Age Group	...	...	...	...	...	1,093
Third Age Group	...	...	...	...	...	959

### 5. FINDINGS OF MEDICAL INSPECTIONS.

#### (a) Malnutrition.

The Education Committee are to be congratulated on the condition of the children in their schools. As can be seen from the report the nutrition standard is high, only a few cases come under the heading of "D."

The following table shows the classification of nutrition for children inspected in the routine age groups during the year 1945 :—

Number Inspected	A.	B.	C.	D.
3,206	434	2,426	340	6

#### (b) Cleanliness.

The cleansing of heads and the treatment of scabies continued to be carried out at the Town Hall Inspection Clinic. I regret to say, however, that the condition of school children gives me cause for anxiety. This matter will in future be prosecuted with greater vigour than was possible during the war years.

#### (c) Minor Ailments and Diseases of the Skin.

Up to October the only Minor Ailment Clinic in the district was Croyland Road, and the attendances were 17,194. In October the Pymmes Park Clinic was opened and the total attendances for the two clinics were 19,177.



**(d) Visual Defects and External Eye Diseases.**

The clinic for the treatment of visual defects was held, as usual, at the Central Hall, Fore Street, N.9, but was transferred to the Pymmes Park Clinic in November of this year.

Statistics are given at the back of this report.

**(e) Nose and Throat Defects**  
and

**(f) Ear Diseases and Defective Hearing.**

Mr. William Ibbotson attended the Aural Clinic at the Croyland Road Clinic twice each month. The yearly attendances were:—

New Cases: 235.

Old Cases: 217.

Total: 452.

Children recommended for the removal of their tonsils and/or adenoids were admitted to the E.M.S. Hospital at Barley Lane, Goodmayes, and later to the Royal Waterloo Hospital, S.E.1. Children were conveyed to both hospitals by ambulance and brought home again. Children referred for other throat operations other than Tonsillectomy were referred to the Prince of Wales' General Hospital.

The number of children who received operative treatment during 1945 was 337.

Arrangements were also made for children to see the Ear, Nose and Throat Specialist at the North Middlesex County Hospital, when parents preferred this, and the number of operations carried out there during 1945 was 200.

Cases of speech defects were dealt with by the Speech Therapist, and the following is an account of the year's work:—

"During the year the work of the speech clinic has continued steadily. During the latter part strenuous efforts have been made to readmit all children who have returned from evacuation and are still in need of Speech Therapy. For this reason the discharges are lower, but the number of children on the waiting list is halved.

"On January 1st, 1945, there were 148 cases on the books, there have been 52 new cases during the year, making a total of 200. These are accounted for as follows:—

Discharged cured	...	...	38	
Deleted	...	...	48	(this includes numerous evacuees, left the district, left school, etc.)
Returned from evacuation but not yet seen	...	...	4	
Awaiting previous treatment	...	...	9	
Waiting list	...	...	9	
Receiving treatment	...	...	92	
			200	

Number at the beginning of 1946 is therefore 114.

The somewhat large number listed as 'receiving treatment' is due to the fact that in some cases instead of recalling defaulters we readmitted returning evacuees; all defaulters will be recalled early in the New Year.

The figures for the last five years are as follows:—

	1941	1942	1943	1944	1945
New Cases	52	96	74	92	32
Received Treatment	93	122	125	143	144
Discharged	33	46	61	51	38
Waiting	45	58	49	44	22

(The number waiting includes those requiring previous treatment.)



We were asked to treat a child attending Bowes Road School, N.14, and she has had regular treatment throughout the year.

WELFARE: The Maternity and Child Welfare Department have referred four cases during the year. In all there have been 57 attendances. Two have been transferred to the School register, two have defaulted, one has refused treatment and two will be called for regular treatment early in January.

#### (g) Dental Defects.

### DENTAL REPORT.

1945.

A summary of the work of the Dental Clinics will be found set out in the table of statistics.

With only two Dental Officers at work in the Borough it was only to be expected that the Dental Scheme would suffer in consequence.

Comparison with the corresponding tables for the last normal year prior to the war shows a big drop in the numbers of children inspected and treated, viz.:—

1938	...	...	...	Inspected 13,937	Treated 5,760.
1945	...	...	...	Inspected 10,582	Treated 3,701.

In addition, the provision of Orthodontic treatment has a considerable effect upon these figures.

In spite of this and of six years of war-time conditions, there does not appear to have been any deterioration in the dental health of the school children in general judging by the relative percentages referred for treatment:—

1938 approximately 75 per cent. of those inspected.

1945 approximately 60 per cent. of those inspected.

The high number of "Specials" is partly attributed to the return of children from evacuation areas where they had received little or no treatment throughout the war years.

The conservation of the permanent teeth by removal of caries and insertion of fillings occupies by far the larger part of the Dental Officers' time, and in this we endeavour to maintain as high a standard as possible. This involves not only the removal of caries but also extension to eradicate all danger areas as far as possible, and all fillings are lined with an insulating cement.

From an analysis of some 2,300 children in an effort to find the relative incidence of caries to various age groups, I found the following ratios:—

<i>Age.</i>	<i>% referred for treatment.</i>
5	50%
6-7	63%-66%
8-10	58%-60%
11-12	50%-51%
13-14	65%-76%
15	41%
16	61%
17	51%
18	83%

The table shows a sharp rise from 5 to 7 years, followed by a progressive drop in incidence rate between the ages 8 to 12 years. There is a very sharp rise again at 13 to 14 years, followed by the lowest incidence at 15 years which is succeeded by varying rates at 16 and 17 years. The 18 year group is a much smaller group and the very high percentage may be out of proportion in consequence.



The ratio of fillings in permanent teeth per child shows a big difference between the elementary and the secondary school children, from .5 per child in the elementary to .2 per secondary pupil. Approximately 60 per cent. of permanent extractions were made for orthodontic purposes.

Other operations consist mainly of silver nitrate dressings of temporary teeth at three-monthly intervals.

The Orthodontic Scheme was introduced in 1941 with the appointment of a visiting consultant who attended each clinic once a month. Up to the end of 1945 about 850 cases had been seen under the scheme, of which a little over 300 had been completed. During the year there were 232 new cases dealt with; 1,353 impressions taken; 388 appliances fitted; 2,668 attendances for adjustments and 228 radiographs taken.

The value of this scheme is immense, both from the point of view of treatment and propaganda. It also brings variety and added interest into the work of the Dental Officer.

It has a decided effect in encouraging the acceptance of conservative treatment. On the other hand it has greatly increased the work of the Dental Clinics.

With the welcome return of Mr. Weiss from the Services, more can be accomplished, but we shall still be very much below strength to make the Dental Scheme complete.

The school population of Edmonton is calculated to require the services of six Dental Officers. It would certainly seem that an addition of at least two more Officers is very necessary.

In conclusion I would like to suggest that it would help us a great deal if the Education Department could notify us through the School Medical Department of all admissions and transfers to the various schools.

#### **(h) Orthopaedic and Postural Defects.**

Orthopaedic defects were, as in previous years, treated at the Special Clinic held at the Central Hall, Fore Street, N.9.

Mr. J. A. Cholmeley, the Orthopaedic Specialist, attended the Clinic monthly. Miss Kerr, the Masseuse left the Service in February and the Royal National Orthopaedic Hospital were unable to supply us with the services of another masseuse. Permission was obtained to appoint a full time masseuse and consequently treatment recommenced in June, 1946, when Miss Rees took up duties.

The attendances for the year were 1,469.

The Surgeon saw 100 New Cases and 253 Old Cases—making a total of 353.

For the time being the Ultra-Violet Light Clinic is under the ægis of the Orthopaedic Clinic, four afternoon sessions being held weekly. The total attendances for the year were 2,258.

#### **(i) Heart Diseases and Rheumatism.**

Dr. J. B. Alexander, F.R.C.P., attended the Clinic, held once monthly, for the purpose of examining children suffering from rheumatism and diseases of the heart. Where necessary, arrangements were made for children to be admitted to Heart Homes.

The attendances for 1945 were 82 New Cases and 158 Old Cases—Total 240.

(j) **Tuberculosis.**

I must again extend my most grateful thanks to the Tuberculosis Officer for the co-operation he has given to this Department when dealing with cases referred to him.

The number of notified cases and the mortality of children of school age during 1945, taken from the records of the Public Health Department, was :—

			Notified.		Deaths.	
			M.	F.	M.	F.
Pulmonary ...	...	...	5	1	—	—
Non-pulmonary ...	...	...	2	2	—	—

(k) **Other Defects and Diseases.**

These cases continued to be dealt with as in previous years.

## 6. FOLLOWING-UP.

The arrangements for following-up cases were the same as in previous years.

### ARRANGEMENTS FOR TREATMENT.

The arrangements for treatment at the various Clinics were as follows :—

- (1) Minor Ailments : Pymmes Park Clinic and Croyland Road Clinic—Doctor and Nurse in attendance every morning.
- (2) Rheumatism : Clinic held once monthly—the third Thursday. By appointment only.
- (3) Aural : Clinic held twice monthly—the second and fourth Friday. By appointment only.
- (4) Ophthalmic : Held at Pymmes Park Clinic every Monday, with occasional extra sessions. New cases by appointment only.
- (5) Orthopaedic : Surgeon attends on the first Friday in each month. Treatment carried out every morning at Central Hall, Fore Street, N.9.
- (6) Dental : Clinics are held at Hazelbury Road, Pymmes Park and Croyland Road. By appointment only.
- (7) Orthodontic : The Specialist attends once at each clinic every month. By appointment only.
- (8) Speech : Speech Therapy Clinic is carried out by Miss Oldrey at the Hazelbury Road Girls' School and is held on four sessions a week. By appointment only.
- (9) UltraViolet Light : This Clinic is held at the Orthopaedic Clinic, Central Hall, on four afternoons per week. Cases seen by appointment only.
- (10) Asthma : The Clinic is held at the Pymmes Park Clinic once weekly. Cases are first referred to Dr Freeman at St. Mary's Hospital, Paddington, who examines them and recommends the necessary vaccine.

### INFECTIOUS DISEASES.

Children suffering from infectious diseases were dealt with in the same manner as in previous years.



**MINISTRY OF EDUCATION.**  
**Medical Inspection and Treatment Returns.**  
**YEAR ENDED 31st DECEMBER, 1945.**

**Table I.**

**MEDICAL INSPECTIONS OF CHILDREN ATTENDING MAINTAINED  
PRIMARY AND SECONDARY SCHOOLS.**

**A.—Routine Medical Inspections.**

(1) Number of Inspections in the Prescribed Age Groups :—									
Entrants ... ..	...	...	...	...	...	...	...	...	1,154
Second Age Group ... ..	...	...	...	...	...	...	...	...	1,093
Third Age Group ... ..	...	...	...	...	...	...	...	...	959
Total ... ..	...	...	...	...	...	...	...	...	3,206
(2) Number of other Routine Inspections ... ..									
GRAND TOTAL ... ..									3,206
<b>B.—Other Inspections.</b>									
Number of Special Inspections and Re-Inspections ... ..									1,504

**Table II.**

**CLASSIFICATION OF THE NUTRITION OF CHILDREN INSPECTED DURING  
THE YEAR IN THE ROUTINE AGE GROUPS.**

Number of Children Inspected.	A.		B.		C.		D.	
	No.	%	No.	%	No.	%	No.	%
3,206	434	13.53	2,426	75.67	340	10.62	6	.18

**Table III.**

**GROUP I. Treatment of Minor Ailments (excluding uncleanness).**

Total Number of Defects treated or under treatment during the year under the Authority's Scheme ... ..	6,833
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**GROUP II. Treatment of Defective Vision and Squint.**

Errors of Refraction (including squint) ... ..	Under the Authority's Scheme 1,053
Other defect or disease of the eyes (excluding those recorded in Group I.) ... ..	—
Total ... ..	1,053

Number of children for whom spectacles were :—

(a) Prescribed ... ..	1,018
(b) Obtained ... ..	996

**GROUP III. Treatment of Defects of Nose and Throat.**

Received Operative Treatment... ..	537
Received Other Forms of Treatment ... ..	681
Total Number Treated ... ..	1,218

Table IV.

## DENTAL INSPECTION AND TREATMENT.

(1) Number of children inspected by the Dentist :—									
(a) Routine Age Groups	...	...	...	...	...	...	...	...	9,075
(b) Specials	...	...	...	...	...	...	...	...	1,507
	Total (Routine and Specials)								10,582
(2) Number found to require treatment	...	...	...	...	...	...	...	...	6,278
(3) Number actually treated	...	...	...	...	...	...	...	...	3,701
(4) Attendance made by children for treatment	...	...	...	...	...	...	...	...	8,929
(5) Half-days devoted to :—									
Inspection	...	...	...	...	...	...	...	...	52
Treatment	...	...	...	...	...	...	...	...	795
	Total								847
(6) Fillings :—									
Permanent Teeth	...	...	...	...	...	...	...	...	2,231
Temporary Teeth	...	...	...	...	...	...	...	...	149
	Total								2,380
(7) Extractions :—									
Permanent Teeth	...	...	...	...	...	...	...	...	1,276
Temporary Teeth	...	...	...	...	...	...	...	...	3,212
	Total								4,488
(8) Administrations of general anaesthetics for extractions	...	...	...	...	...	...	...	...	2,484
(9) Other Operations :—									
Permanent Teeth	...	...	...	...	...	...	...	...	522
Temporary Teeth	...	...	...	...	...	...	...	...	3,330
	Total								3,852

Table V.

## VERMINOUS CONDITIONS.

(1) Average number of visits per school made during the year by the School Nurses or other authorised persons	...	...	...	...	...	...	23
(2) Total number of examinations of children on the schools by School Nurses or other authorised persons	...	...	...	...	...	...	45,295
(3) Number of <i>individual</i> children found unclean	...	...	...	...	...	...	1,123

Table VI.

## BLIND AND DEAF CHILDREN.

Number of totally or almost totally blind and deaf children who are *not* at the present time receiving education suitable for their special needs.

		At a Public Elementary School.	At an Institution other than a Special School.	At no School or Institution.
Blind Children	...	—	—	—
Deaf Children	...	—	—	1



## SECONDARY SCHOOLS.

RETURNS IN RESPECT OF CHILDREN ATTENDING SECONDARY AND JUNIOR  
TECHNICAL SCHOOLS FOR THE YEAR ENDED 31st MARCH, 1945.

A.—Cases in which a full examination has been made. Nil.

B.—Classification of the Nutrition of Pupils Inspected During the Year, in Ages. Nil.

C.—Defective Vision and Squint (excluding minor eye defects treated as minor ailments).

	Number of Defects dealt with.		
	Under the Authority's Scheme.	Otherwise.	Total.
Errors of Refraction (including squint) ...	87 (Sec.) 14 (Tech.)	— —	87 14
Other defect or disease of the eyes (exclud- ing those recorded as minor ailments)...	— (Sec.) — (Tech.)	— —	— —
Totals ... ..	87 (Sec.) 14 (Tech.)	— —	87 14

Total Number of Children for whom Spectacles were Prescribed :—

(a) Under the Authority's Scheme ... ..	84 (Sec.) 12 (Tech.)
(b) Otherwise ... ..	— (Sec.) — (Tech.)

Total Number of Children who Obtained or Received Spectacles :—

(a) Under the Authority's Scheme ... ..	68 (Sec.) 9 (Tech.)
(b) Otherwise ... ..	— (Sec.) 1 (Tech.)

### D.—Dental Defects.

(1) Number of pupils who were :—

(a) Inspected by the Dentist :—

Ages.	11	12	13	14	15	16	17	18	19
Secondary ... ..	—	—	—	—	—	—	—	—	—
Technical ... ..	—	—	—	—	—	—	—	—	—

Total ... .. Secondary —  
Technical —

Specials ... .. Secondary —  
Technical — 4

Grand Totals ... .. Secondary —  
Technical — 4

(b) Found to require treatment ... .. Secondary —  
Technical — 4

(c) Actually treated ... .. Secondary —  
Technical — 4

## (2) Half days devoted to :—

Inspection	...	...	(Sec.)	—	(Tech.)	—	
Treatment	...	...	(Sec.)	12			Secondary— 12
"	...	...	(Tech.)	—			Technical — —

(3) Attendances by pupils for treatment ... .. Secondary— 72  
Technical — 4

## (4) Fillings :—

Permanent Teeth	...	...	...	...	...	...	Secondary— 62
Permanent Teeth	...	...	...	...	...	...	Technical — 4
Temporary Teeth	...	...	...	...	...	...	Sec. & Tech. —
Total	...	...	...	...	...	...	Secondary— 62
							Technical — 4

## (5) Extractions :—

Permanent Teeth	...	...	...	...	...	...	Secondary— 25
Permanent Teeth	...	...	...	...	...	...	Technical — 1
Temporary Teeth	...	...	...	...	...	...	Secondary— 4
" "	...	...	...	...	...	...	Technical — —
Totals	...	...	...	...	...	...	Secondary— 29
							Technical — 1

(6) Administrations of general anaesthetics for extractions :— Secondary— 12  
Technical — 1

## (7) Other Operations :—

Permanent Teeth	...	...	...	...	...	...	Secondary— 18
Permanent Teeth	...	...	...	...	...	...	Technical — —
Temporary Teeth	...	...	...	...	...	...	Sec. & Tech. —
Total	...	...	...	...	...	...	Secondary— 18
							Technical — —

*Group 1. Minor Ailments (excluding uncleanliness).*

Disease or defect.	Number of Defects treated, or under treatment during the year.					
	At Minor Ailment Clinic.		Otherwise.		Total.	
	Sec.	Tech.	Sec.	Tech.	Sec.	Tech.
<i>Skin—</i>						
Ringworm—Scalp X-Ray ...	—	—	—	—	—	—
Other ...	—	—	—	—	—	—
Body ...	—	—	—	—	—	—
Scabies ...	—	—	—	—	—	—
Impetigo ...	—	—	—	—	—	—
Other skin disease ...	6	—	—	—	6	—
<i>Minor Eye Defects—</i>						
External and other, but excluding cases treated at Ophthalmic Clinic ...	3	1	—	—	3	1
<i>Minor Ear Defects</i> ...	1	—	—	—	1	—
<i>Miscellaneous—</i> (e.g., minor injuries, bruises, sores, chilblains, etc.) ...	23	3	—	—	23	3
Total ...	33	4			33	4





