

[Report of the Medical Officer of Health for Edmonton].

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Borough of Edmonton.



REPORT

OF THE

Medical Officer of Health

and

School Medical Officer

FOR THE YEAR

1942

Medical University of South

Carolina

School of Public Health

1970

Medical University of South

Carolina

School of Public Health

BOROUGH OF EDMONTON.

1942.

His Worship the Mayor

Alderman A. J. Hollywood.

Deputy Mayor

Councillor J. A. Ward.

PUBLIC HEALTH COMMITTEE.

Chairman

Councillor L. E. Berridge.

Aldermen Mrs. M.M.Barrass; G.Reid.

Councillors - W.Dales; G.Eusden; Mrs. E.M.Hearn; Mrs. E.B.Newsham;
G.T.W.Tott.

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

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

Hilda R. Kay, M.B., Ch.B., D.P.H.

Assistant Medical Officers and School Medical Officers:-

Catherine A. Goggin, M.B., B.Ch., B.A.O., D.P.H.

Kathleen M. Hart, M.D.(Lond)., M.B., B.S., D.P.H.

Senior Sanitary Inspector:-

abcd W. Tilcock, M.M.San.I., F.S.I.A.,

District Sanitary Inspectors:-

abcc G. E. Huckle.

abc J. P. Ferrar.

abcf E. Dodsworth.

abc H. V. Grieves

abc F. Beilby.

a Mrs. K. Fowler (Woman Sanitary Inspector) (Resigned 30.9.42).

Chief Clerk:-

F. J. Nash, Cert. R.San.I.

J. L. A. Saunders, Infectious Diseases Clerk.

A. E. Clarke, Records Clerk (Seconded to Civil Defence duties).

D. E. J. Nassan, Correspondence Clerk.

H. J. Waldon, Junior Clerk (In H.M.Forces).

S. Clayton, Shops Acts Inspector.

T. G. Marsden, Assistant Shops Acts Inspector (Resigned, January, 1942).

Miss I. M. Bowie, Temporary Clerk.

J. E. Cowlard, Laboratory Assistant (Commenced 30.3.42).

§ 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 & Public Works.

P R E F A C E .

Public Health Department,
Town Hall, Edmonton, N.9.

His Worship the Mayor, Aldermen and Councillors
of the Borough of Edmonton.

Mr. Mayor, Ladies and Gentlemen,

I have much pleasure in presenting my eighth Annual Report, for the year 1942, and the third under War-time conditions. The Report is compiled in accordance with Ministry of Health Circulars, and as requested therein, certain vital statistics have been omitted for security reasons.

The BIRTH RATE shows a very great INCREASE which was unexpected on account of the National disturbance. It is to be noted with great satisfaction the DECREASE in MATERNAL MORTALITY in Edmonton, and compares very favourably with the rest of the Country. The DEATH RATE has shown likewise a very satisfactory DECREASE. It will be noted however, that there is an INCREASE in the INFANT MORTALITY RATE of approximately 3 per 1,000 live births; on analysis 59 of the total of 88 are due to Congenital Malformations and Premature Births, so that actually the result is somewhat more satisfactory than is at first apparent. I would like however, to draw attention to the fact that there are very poor facilities in the Borough for attending to Premature Births, and none at all under the control of the Edmonton Borough Council.

It will be noted that the Tuberculosis incidence has decreased during the year 1942, this is very satisfactory during war conditions. There was an increase in the incidence in SCARLET FEVER, but the disease continued to be of a mild type. It should be noted that Scarlet Fever as well as Diphtheria, although much milder than it used to be, has its danger in the complications which follow, these complications are far more liable to occur under home nursing conditions than in hospital.

IMMUNISATION has at last received the serious attention of the parents, but I am not yet satisfied with the number of children who have received this treatment. Every effort is being made by the staff to persuade the parents to have their children immunised against Diphtheria.

It is to be regretted that the incidence of SCABIES is on the increase. a good deal of this increase is unfortunately due to the people themselves who are unwilling to seek advice, and it is with difficulty that we get quite a number of the population to carry out our advice when cases are detected.

I am greatly concerned about the limitation of housing accommodation in the Borough and the persistent overcrowding, mostly occasioned by the influx of relatives of some residents both from other areas and from evacuation.

In 1942 the Civil Defence assumed more regular proportions and due to our experience in the previous year we are inspired with great confidence and a greater sense of discipline which made administration of this difficult service more satisfactory, but I would say that much in the line of discipline is yet to be desired before Civil Defence can be said from a casualty standpoint to be recognised as a standing force of key value. I would like however to say how much I appreciate the great efforts that are being made by some in bringing about a better understanding and clearer working order for the benefit of all concerned. Before I leave this subject I must pay tribute to the fine work carried out by Dr. R. Greville Samuel, Medical Officer, A.R.P. Services who left us to join the Royal Navy.

Several changes have taken place amongst the staff during the year and I would like to record my thanks for the valuable services rendered by Mr. T. Marsden, Assistant Shops Acts Inspector who left us to take up an appointment at Coventry as District Sanitary Inspector, and also to Mrs. E. Fowler, Woman Sanitary Inspector, who unfortunately had to retire owing to illhealth after some 15 years service. I would like to offer my congratulations to Mr. E. Dodsworth, District Sanitary Inspector on obtaining the Diploma of the Royal Sanitary Institute in Sanitary Science as applied to Buildings and Public Works, and to Mr. F. Roddell, formerly Motor Driver Mechanic in the Public Health Department on his appointment as Civil

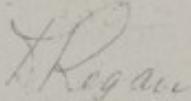
Ambulance Superintendent.

I would like to thank the Members of the Council for their unfailing courtesy and co-operation in getting through the year which was exceedingly difficult in every Department.

In conclusion, I would also like to thank the Members of my Staff, particularly those of the clerical department, for the sacrifice they made during the year, both in time and effort, to meet the requirements of the unusual circumstances.

I have the honour to be, Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,



Medical Officer of Health.

GENERAL STATISTICS.

Area (in acres)	3,896
Population	
Census of 1921	-
Census of 1931	-
Estimated by the Registrar-General for mid-year, 1942	-
Number of inhabited houses and tenements at the end of 1942	25,926
Number of inhabited houses and tenements at the end of 1941	25,819
Rateable value, April, 1942	£ 736,790
Estimated product of 1d in the £ for the year ending 31.3.45.	£ 2,900
Rates in the £ for the year ending 31/3/45	14/11d.

S O C I A L C O N D I T I O N S .

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 1941	22,626
" paid " " 1941 (from 24/2/41)	103,783
" " free dinners during 1942	61,483
" " paid " " 1942	440,185
(2) Figures re out-relief:-	
For the year 1941	
(a) Ordinary out-relief	2,054
(b) Unemployed out-relief	51
	<hr/> 2,085
For the year 1942	
(a) Ordinary out-relief	1,869
(b) Unemployed out-relief	28
	<hr/> 1,897

Persons.	Amount.
	£ 21,210
	18
	<hr/> £ 21,238
	£ 20,187
	29
	<hr/> £ 20,216

V I T A L S T A T I S T I C S .

LIVE BIRTHS	M	F	Total	Grand Total
Legitimate	834	799	1633	
Illegitimate	35	33	68	1701
Birth rate per 1,000 of population				-
STILLBIRTHS				
Legitimate	28	15	43	
Illegitimate	1	3	4	47
Total of live and stillbirths				1748
Rate per 1,000 total births				26.88
DEATHS				
Number	484	503	987	
Rate per 1,000 population				-
DEATHS FROM PUERPERAL CAUSES	Deaths		Rate per 1,000 total. (live and stillbirths)	
Puerperal and post-abortive sepsis	-		-	
Other maternal causes	3		1.71	
	<hr/> 3		<hr/> 1.71	

<u>DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE</u>	M	F	Total.
Number	45	43	88
All infants per 1,000 live births			51.73
Legitimate infants per 1,000 legitimate live births			50.82
Illegitimate infants per 1,000 illegitimate live births			73.53
Deaths from Cancer (all ages)		166	
" " Measles (" ")		-	
" " Whooping Cough (all ages)		3	
" " Diarrhoea (under 2 years of age)		14	

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	-	1	1
Cerebro-spinal fever	1	1	2
Scarlet Fever	-	-	-
Whooping Cough	-	3	3
Diphtheria	-	1	1
Tuberculosis of the respiratory system	27	19	46
Other forms of tuberculosis	7	3	10
Syphilitic diseases	1	3	4
Influenza	-	5	5
Measles	-	-	-
Acute Poliomyelitis and Polio-encephalitis	-	-	-
Acute infective encephalitis	-	1	1
Cancer of buccal cavity and oesophagus (M) Uterus (F)	3	5	8
Cancer of stomach and duodenum	13	20	33
Cancer of breast	-	21	21
Cancer of all other sites	50	54	104
Diabetes	2	3	5
Intra-cranial vascular lesions	41	42	83
Heart disease	96	112	208
Other diseases of the circulatory system	21	18	39
Bronchitis	47	26	73
Pneumonia	35	38	73
Other respiratory diseases	10	8	18
Ulcer of stomach or duodenum	13	2	15
Diarrhoea (under 2 years)	7	7	14
Appendicitis	1	2	3
Other digestive diseases	14	16	30
Nephritis	8	10	18
Puerperal and post-abortive sepsis	-	-	-
Other maternal causes	-	3	3
Premature birth	16	11	27
Congenital malformations, birth injuries, infant diseases	15	17	32
Suicide	3	4	7
Road traffic, accidents	9	3	12
Other violent causes	9	8	17
All other causes	35	36	71
	<u>484</u>	<u>503</u>	<u>987</u>

The two tables overleaf give the deaths of those registered during the 53 weeks ended 2nd January, 1943.

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.

M A L E S.

<u>Causes of death</u>	<u>ALL AGES</u>												
	to 1	to 2	to 5	to 15	to 25	to 35	to 45	to 55	to 65	to 75	& over		
Typhoid and para-typhoid fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebro-spinal Fever	1	1	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis of the respiratory system	30	-	-	-	6	5	8	4	6	1	-	-	-
Other forms of tuberculosis	7	1	1	-	2	2	-	1	-	-	-	-	-
Syphilitic diseases	1	-	-	-	-	-	-	-	-	1	-	-	-
Influenza	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute encephalitis lethargica	-	-	-	-	-	-	-	-	-	-	-	-	-
Cancer of buccal cavity & oesophagus	3	-	-	-	-	-	-	-	-	1	2	-	-
Cancer of stomach and duodenum	13	-	-	-	-	-	-	1	2	4	4	2	-
Cancer of all other sites	55	-	-	-	-	-	1	-	6	11	23	14	-
Diabetes	3	-	-	-	1	-	-	-	-	-	1	1	-
Intra-cranial vascular lesions	40	-	-	-	-	-	-	-	2	6	16	16	-
Heart disease	97	-	-	-	1	2	2	5	12	16	28	31	-
Other circulatory diseases	20	-	-	-	-	-	-	-	-	5	6	9	-
Bronchitis	47	-	-	-	-	-	2	-	7	10	14	14	-
Pneumonia	35	2	3	1	-	-	-	2	6	4	11	6	-
Other respiratory diseases	10	1	-	-	-	-	-	2	2	2	1	2	-
Ulcer of stomach or duodenum	13	-	-	-	-	-	-	4	3	5	1	-	-
Diarrhoea (under 2 years)	7	5	2	-	-	-	-	-	-	-	-	-	-
Appendicitis	1	-	-	-	-	-	-	-	1	-	-	-	-
Other digestive diseases	14	3	-	-	1	-	1	2	-	4	3	-	-
Nephritis	8	-	-	-	1	-	-	1	-	2	1	3	-
Premature birth	16	16	-	-	-	-	-	-	-	-	-	-	-
Cong.mal., birth injuries, infant dis.	15	14	1	-	-	-	-	-	-	-	-	-	-
Suicide	5	-	-	-	-	-	1	1	-	3	-	-	-
Road traffic accidents	9	-	-	1	1	-	-	1	1	1	2	2	-
Other violence	9	1	-	-	2	1	-	1	-	-	2	2	-
All other causes	39	1	-	-	1	1	1	2	7	2	12	12	-
	498	45	7	2	8	14	12	30	55	79	129	117	-

F E M A L E S.

Typhoid and para-typhoid fever	1	-	-	-	-	-	-	1	-	-	-	-	-
Cerebro-spinal fever	-	-	-	-	-	-	-	-	-	1	-	-	-
Whooping Cough	3	1	2	-	-	-	-	-	-	-	-	-	-
Diphtheria	1	-	-	1	-	-	-	-	-	-	-	-	-
Tuberculosis of the respiratory system	18	-	-	-	7	9	-	2	-	-	-	-	-
Other forms of tuberculosis	3	-	-	-	2	-	-	1	-	-	-	-	-
Syphilitic diseases	4	-	-	-	-	-	-	-	-	1	-	3	-
Influenza	5	-	-	-	-	-	1	-	-	1	2	1	-
Acute encephalitis lethargica	1	-	-	-	-	-	-	-	1	-	-	-	-
Cancer of uterus	6	-	-	-	-	-	-	1	3	1	1	-	-
Cancer of stomach and duodenum	17	-	-	-	-	-	-	-	2	4	4	7	-
Cancer of breast	24	-	-	-	-	-	-	3	4	5	7	5	-
Cancer of all other sites	56	-	-	-	1	6	5	6	8	17	13	-	-
Diabetes	4	-	-	-	1	-	-	-	-	1	2	-	-
Intra-cranial vascular lesions	42	-	-	-	-	-	-	-	5	13	9	15	-
Heart disease	113	-	-	-	2	2	4	4	4	14	27	56	-
Other circulatory diseases	18	-	-	-	-	-	-	-	-	5	5	8	-
Bronchitis	28	-	-	-	1	-	1	1	1	10	14	-	-
Pneumonia	39	3	1	-	1	1	1	3	3	2	6	18	-
Other respiratory diseases	8	-	-	-	-	-	1	1	-	1	3	2	-
Ulcer of stomach and duodenum	2	-	-	-	-	-	1	-	-	-	-	1	-
Diarrhoea (under 2 years)	7	7	-	-	-	-	-	-	-	-	-	-	-
Appendicitis	1	-	-	-	1	-	-	-	-	-	-	-	-
Other digestive diseases	16	2	-	-	1	2	2	1	2	1	5	-	-
Nephritis	9	-	-	-	-	-	1	2	2	2	2	-	-
Puerperal and post-abortive sepsis	-	-	-	-	-	-	-	-	-	-	-	-	-
Other maternal causes	4	-	-	-	-	-	2	2	-	-	-	-	-
Premature birth	11	11	-	-	-	-	-	-	-	-	-	-	-
Cong.mal., birth injuries, inf.dis.	18	18	-	-	-	-	-	-	-	-	-	-	-
Suicide	4	-	-	-	-	-	1	1	-	1	-	1	-
Road traffic accidents	3	-	-	-	-	-	-	-	-	2	-	1	-
Other violence	8	1	-	-	1	-	1	-	-	1	1	3	-
All other causes	33	1	1	-	-	1	2	3	5	4	12	9	-
	513	44	4	1	7	15	32	29	40	70	109	152	-

INFANTILE MORTALITY.

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

	M	F	Total
Legitimate	41	42	83
Illegitimate	4	1	5
	<u>45</u>	<u>43</u>	<u>88</u>

The death rate of all infants per 1,000 live births was 51.73. A detailed sub-division of the causes, etc. of these DEATHS is as follows:-

M A L E S.

Causes of death	Under				Total under 1 mth	1- 3 mths	3- 6 mths	6- 9 mths	9- 12 mths.	Total under 1 year
	1 week	2nd week	3rd week	4th week						
Cerebro-spinal Fever	-	-	-	-	-	-	1	-	-	1
Other forms T.B.	-	-	-	-	-	-	1	-	-	1
Diarrhoea	-	-	1	-	1	2	2	-	-	5
Pneumonia	-	-	-	-	-	-	2	-	-	2
Violence	-	-	-	-	-	1	-	-	-	1
Premature birth	15	1	1	-	15	1	-	-	-	16
Atelactasis	2	1	1	-	4	-	-	-	-	4
Asphyxia neonatorum	1	-	-	-	1	-	-	-	-	1
Congenital malformations	5	2	-	-	7	2	-	-	-	9
Other causes	-	1	-	2	5	1	1	-	-	5
Totals	21	5	3	2	31	7	5	2	-	45

F E M A L E S

Whooping Cough	-	-	-	-	-	-	1	-	-	1
Diarrhoea	-	-	-	-	-	-	5	4	-	7
Pneumonia	-	-	-	-	-	-	1	1	1	3
Congenital malformations	1	-	-	-	1	3	3	-	-	7
Congenital debility	-	-	-	-	-	-	1	-	-	1
Premature birth	10	1	-	-	11	-	-	-	-	11
Injury at birth	1	-	-	-	1	-	-	-	-	1
Atelactasis	5	-	-	-	5	-	-	-	-	5
Other causes	2	-	-	-	2	1	-	2	1	6
Asphyxia neonatorum	1	-	-	-	1	-	-	-	-	1
Violence	-	-	-	-	-	-	-	-	1	1
Totals	20	1	-	-	21	4	8	8	3	44

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	
	Live	Still.	From diarrhoea, etc. under 2 years	Total deaths under 1 year
England and Wales	15.8	0.54	5.2	49
London	14.0	0.48	8.6	60
EDMONTON	-	-	8.23	51.73

ANNUAL DEATH RATE PER 1,000 of POPULATION

	All causes	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza
England and Wales	11.6	0.01	0.00	0.02	0.05	0.09
London	13.9	0.01	0.00	0.04	0.02	0.07
EDMONTON	-	-	-	-	-	-

The following table gives the number of births and deaths (registered) subdivided into the four Wards of the Borough. It should be remembered that births are only those which occurred in Edmonton of Edmonton 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	
	Male	Female	Male	Female	Male	Female
Bury Street	227	195	161	146	20	22
Church Street	128	134	38	136	9	2
Angel Road	141	127	113	113	8	13
Silver Street	179	181	129	113	8	7
Vagrants	-	-	2	-	-	-
	675	637	498	513	45	44

LABORATORY FACILITIES.

The activities of the Council's Laboratory have in the past been limited in the main to examination of swabs from suspected cases of Diphtheria and contacts of actual cases, and Sputa for the presence of tubercule bacillus. It had been desired for some time to establish a bacteriological department on a practical basis and a much higher standard. I therefore submitted a full report on the matter to the Public Health Committee and I am happy to report that I was given authority to proceed with the scheme.

Unfortunately, owing to war-time restrictions, it was not possible to carry out certain structural work to extend the existing laboratory, but it is hoped that this may be done after the War. Certain alterations have been carried out in the existing laboratory and new equipment obtained and a full-time Laboratory Assistant appointed. From the report set out below some idea can be obtained as to the work carried out during the year.

There are still some specimens which will have to be sent out, including those requiring animal inoculation.

This Department has been of great assistance in School Medical work, particularly the Open Air School by giving the Medical Department first hand knowledge of what they are dealing with in the vast majority of cases. The Maternity and Child Welfare Department, particularly the Ante-Natal and Post-Natal Clinics, have profited very materially by the information supplied to them, and I have no doubt that in future the work of the Laboratory will prove a great factor in reducing Maternal Mortality.

Many cases found in the Borough have also profited by the immediate results obtained which assisted my Department as well as the Medical Practitioners; it is to be hoped that this service in this direction will increase to a greater extent.

From a Public Health standpoint the immediate information obtained from the prompt examination of milk samples obtained in the Borough proved in many instances gratifying, but I note that towards the summer months a great falling off in the purity of milk is noticed every year in Edmonton. This will have to receive serious attention.

During the early part of the year, prior to facilities being available in the Council's Laboratory, the following material was sent to the Clinical Research Association for bacteriological examination:-

	Positive	Negative	Total.
Blood for the presence of typhoid agglutinins	0	3	3
Faeces for the presence of typhoid organisms	0	1	1
Faeces for the presence of dysentery "	1	2	3
Swabs for the virulence of K.L.B.	1	1	2
Swabs for the presence of haemolytic streptococci	0	3	3
Urine for the presence of bacillus coli	1	0	1

The following examinations were carried out in the Council's Bacteriological Laboratory:-

	Positive	Negative	Total.
Swabs for the presence of K.L.B.			
(a) from suspects	21	560	581
(b) from contacts	9	163	172
((c) from old cases	17	70	87
Total number of swabs for presence of K.L.B.	47	793	840
Swabs for presence of Haemolytic Streptococci	-	7	7
Sputa for presence of Tubercle bacilli	1	20	21
Blood - full count	-	-	7
Urine - chemical examinations	-	-	152
Urine - Microscopical examinations	-	-	36
Urine - bacteriological examinations	-	-	15
Urine for presence of Tubercle bacilli	-	1	1
Faeces - microscopical examinations	-	-	5
Faeces - bacteriological examinations	-	-	6
Smears for presence of Gonococci	-	5	5
Rectal swabs for presence of Dysentery Orgs.	-	5	5
			1,100

Prior to the facilities being available in the Council's Laboratory, 21 samples of designated milks were sent to the Counties Public Health Laboratories for examination. The Designations of the samples were as follows:- 8 Tuberculin Tested, 1 Accredited, 9 Pasteurised, 3 Tuberculin Tested (Pasteurised). The following are the results of the examinations:-

Nature of test.	Tuberculin Tested.		Accredited.	
	Passed.	Failed.	Passed.	Failed.
Methylene Blue & Coliform Bacilli	8	-	1	-
Methylene Blue	8	-	1	-
Coliform bacilli	8	-	1	-
	Tuberculin Tested (Pasteurised)		Pasteurised	
Phosphatase & Bacterial Count	9	-	3	-
Phosphatase	9	-	3	-
Bacterial Count	9	-	3	-

74 samples of Designated milks were examined in the Council's Laboratory. These samples were made up as follows:- 29 Tuberculin Tested, 4 Accredited, 33 Pasteurised, 8 Tuberculin Tested (Pasteurised). The following are the results of the examinations:-

Nature of test	Tuberculin Tested.		Accredited.	
	Passed.	Failed.	Passed.	Failed.
Methylene Blue & Coliform bacilli	17	5	3	-
Methylene Blue	21	8	4	-
Coliform bacilli	20	9	3	1
	Tuberculin Tested. (Pasteurised)		Pasteurised.	
Phosphatase & Bacterial Count	30	1	7	0
Phosphatase	31	2	8	0
Bacterial Count	31	2	7	1

The Middlesex County Council is the authority under the Food and Drugs Act as regards adulteration.

AMBULANCE FACILITIES.

Due to the establishment of the National Fire Service, the Council's three ambulances were transferred from the Fire Brigade to the Medical Officer of Health.

The ambulances are at present housed at Willis Garage, Weir Hall, Edmonton. Mr. F. Reddell, formerly Motor Driver Mechanic in the Public Health Department, was appointed Ambulance Superintendent, and I acknowledge with thanks the

information supplied by him and set out below, giving some idea of the work carried out during the year

Private Cases	5,169
Accident cases	622
Maternity cases	134
School Medical Dept (Tonsils)	519
Maternity & Child Welfare (Tonsils)	86
Bedside Apparatus	17
Analgesia	12
Not required	79
False calls	10
Special services	146
	<hr/>
	6,594

First Aid was rendered on 213 occasions. The resuscitating apparatus was in use on 18 occasions.

The total mileage of the vehicles was 54,977.

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; also conveys children to and from London railway termini in connection with convalescent home treatment.

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 Prince of Wales' Hospital, Tottenham; ringworm is treated at the North Middlesex County Hospital, Edmonton, and ultra-violet light treatment given at the Council's Clinic.

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 1942.

SANITARY INSPECTION IN THE AREA.

Five District Sanitary Inspectors are engaged in the sanitary supervision of the Borough, working under the supervision of the Senior Sanitary Inspector. The Women Sanitary Inspector looks after outworkers' premises, the sanitary condition of factories where women are employed and the investigation of notifiable infectious disease, including tuberculosis. She also assists in the supervision of the women's public conveniences. 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). The District Sanitary Inspectors are acting as Billeting Officers and in addition one as War Mortuary Superintendent.

SANITARY CONVENIENCES.

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

RATE AND NICE (DESTRUCTION) ACT, 1919

The Middlesex County Council is the authority for this Borough under the Act which places the responsibility upon the occupier of the premises infested, but the Rat Destruction Office of the County Council is always willing to give advice. The Inspectors of the Public Health Department often examine the drainage of premises where it might be possible that the infestation is due to a defect in the

house drainage system.

MIDDLESEX COUNTY COUNCIL (GENERAL POWERS) ACT, 1938: SECTION 71
HAWKERS, ETC.

This Act came into operation on the 1st January, 1939, the Council together with other Local Authorities considered the adoptive sections and put the necessary resolutions and action into being regarding Sections 70 and 71. No new applications were received during 1942.

DISINFECTION AND DISINFESTATION.

The Council's new Disinfecting Station was opened in November, 1942. During the year the work has been carried out at the Enfield Disinfecting Station and I would like to take this opportunity of expressing my thanks for the co-operation received from the Enfield Authorities in this matter.

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

Number of journeys to collect bedding	279
" " " " return bedding	279
Rooms disinfected after infectious disease	779
Rooms disinfected after phthisis	97
Disinfestation carried out after vermin	187
Bedding, clothing etc. disinfected after infectious disease	4,974 articles
" " " " " phthisis	598 "
" " " " " other cases	2,300 "

The Council distributed a disinfecting powder and fluid to residents who apply for the same at the Town Hall Yard. During the year, the applicants numbered 16,548. 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 411.

Three Council houses and 97 other houses were found to be infested and the total number of rooms disinfected was 187. The whole of the work is carried out by the Department, the materials used being Block Disinfestators combined with the use of Insecticides such as Pyagra, etc.

PETROLEUM (REGULATIONS) ACTS, 1928 & 1936.

During the year 4 new licences and 105 renewals were granted by the Council. The following is a list of particulars of quantities, etc., affected by these licences:-

Petroleum spirit	- gallons
Petroleum mixtures	- "
Carbide of calcium	-- tons

MORTUARY.

During the year 77 bodies were deposited in the Mortuary, 74 by order of the Coroner and 3 for sanitary reasons.

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

Complaints	1,817
Infectious disease	402
Tuberculosis	163
Factories with mechanical power	123
Factories without " "	17
Other premises under the Factories Act	-
Outworkers	185
Schools	2
Offensive trades	7
Shops and Stalls	276
Shops Act (Primary)	-
Shops Act (Re-inspections)	-
Sanitary conveniences and urinals	328

Number and nature of inspections contd:-

Stables	6
Piggeries	14
Petroloum	20
General Inspections	821
Sundry visits	1,620
Cinemas and halls	6
Visits to canal	6
A.R.P. Shelters	193
Billets	1,063
Re-inspections	3,615

INSPECTIONS OF PLACES WHERE FOOD IS PREPARED.

Butchers	163
Fish Shops	35
Coffee Shops	52
Ice Cream Shops	42
Dairies and milkshops	159
Slaughterhouses	71
Bakchouses	18

NUMBER OF NOTICES SERVED.

Preliminary or Informal notices	1,127
Statutory notices	405

DEFECTS REMEDIED

Houses repaired, cleansed, etc.	342
D. W. cisterns repaired, covered	5
Water fittings repaired	135
Drains examined tested etc.	464
Drains cleared, trapped, repaired	316
Drains reconstructed	86
Chambers inserted	57
Chambers scaled down	22
Soil and vent pipes repaired	28
W. C's repaired, cleansed, etc.	216
Flushing cisterns repaired	126
Waste pipes repaired, etc.	63
Sinks repaired or renewed	15
Roofs repaired	250
Gutters and R. W. P's repaired	185
Yards paved or repaved	45
Scullery floors repaired	23
Spaces under floors ventilated	27
Dampness remedied	54
Floors repaired	50
Coppers and stoves repaired etc.	95
New dustbins supplied	113
Accumulation of refuse removed	9
Nuisances from animals abated	6
Other nuisances abated	206

CANAL BOATS ACTS.

During the year 6 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.

Six 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

Promises	Inspections	Written Notices	Occupiers prosecuted
Factories with mechanical power	128	3	-
Factories without mechanical power	17	-	-
Other premises under the Act (including works of building and engineering and construction but not including outworkers' premises)	-	-	-
Totals	145	3	-

2. DEFECTS FOUND

Particulars	No. of defects			No. of defects in respect of which prosecutions were instituted.
	Found	Remedied	Referred to H.M. Inspector	
Want of cleanliness	14	12	-	-
Overcrowding	-	-	-	-
Unreasonable temperature	-	-	-	-
Inadequate ventilation	1	1	-	-
Sanitary Conveniences:				
Insufficient	5	5	-	-
Unsuitable or defective	13	17	-	-
Not separate for sexes	-	-	-	-
Other offences	2	2	-	-
(not including offences relating to Home work or offences under Sections mentioned in the schedule to the Ministry of Health (Factories & Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937).				
Totals	40	37	-	-

3. OUTWORK IN UNWHOLESOME PREMISES.

Nature of Work.	Instances	Notices served	Prosecutions
Wearing Apparel -			
Making, etc.	-	-	-
Cleaning and washing	-	-	-

FACTORIES AND WORKSHOPS, ETC.

DEFECTS REMEDIED

W. C. Walls cleansed	12
W. C. Cisterns repaired	2
W. C. Seats repaired or renewed	8
W. C. Flush pipes repaired	2
W. C. Doors repaired	1
W. C. Pans replaced	5
Roofs repaired	1
Workrooms cleansed	1
Sanitary accommodation improved	4
Inadequate 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)	1,469
(b) Number of inspections made for the purpose	4,568
(2) (a) Number of dwelling houses (including under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 & 1932.	-
(b) Number of inspections made for the purpose	-
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	-
(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.	1,229

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:-

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	840
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3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

A - Proceedings under Sections 9, 10 & 16 of the Housing Act, 1936

(1) Number of dwelling houses in respect of which notices were served requiring repairs	116
(2) Number of dwelling houses which were rendered fit after service of formal notices:-	
(a) by owners	76
(b) by Local Authority in default of owners	4

B - Proceedings under Public Health Acts:-

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	63
(2) Number of houses in which defects were remedied after service of formal notices:-	
(a) by owners	37
(b) by Local Authority in default of owners	7

C - Proceedings under Sections 11 & 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

Seventy visits were paid and the carcasses and organs of 369 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:-

5 Carcasses (Weight 676 lbs).
61 Plucks
4 Heads
2 Legs
4 sets of Lungs

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY

Various licences were granted as under:-

	Primary	Supplementary
Pastourised	11	7
Tuberculin tested	8	5
Accredited	-	1
	19	13

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.

UN SOUND FOOD

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

3,935 tins of Evaporated Milk (various brands)	87 Fish Cakes
548 tins beans	54 Sponge rolls
375 tins peas	7 Chocolate rolls
1,101 tins canned fruit	40 lbs apples
772 tins canned meat	1 C se of rabbits
284 tins canned fish	1 sack sultanas
104 tins tomatoes	1 doz. chocolate cakes
504 boxes of cheese spread	2 lbs chocolate
265 Australian eggs	1 Turkey
105 meat pies	1 Chicken
48 lbs cocoa.	7 boxes Fish (various)

together with various small consignments of Bacon; Cheese; Pickles; Carrots etc. 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:-

Visits to shops, licensed street traders, etc.	3,996
Contraventions	-

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. 1,004 cases of Measles and 174 cases of Whooping Cough were notified during the year.

There were 3 deaths from Whooping Cough and no deaths from Measles.

DIPHTHERIA

I am happy to report the continued low incidence of this disease. 22 cases were notified during the year compared with 18 in 1941. There was one death.

SCARLET FEVER

This disease continued to occur throughout the year in a mild form; there were 350 cases compared with 143 in 1941; there were no deaths.

*Return' cases numbered 12 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

No cases of this disease were notified during the year.

DYSENTERY

5 cases of this disease were notified during the year. 2 were of the Sonne type. Investigation failed to reveal the source of infection. One death occurred outside the Borough.

CEREBRO-SPINAL FEVER

11 cases were notified during the year. The cases were carefully investigated and precautions taken to prevent the spread of infection. 2 deaths took place.

PUERPERAL PYREXIA AND OPHTHALMIA NEONATORUM

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

FOOD POISONING

1 case was reported, but there were no deaths.

PNEUMONIA

The number of cases of primary and influenzal pneumonia notified showed a decrease. The number of deaths from all forms of pneumonia remains about the same.

DIARRHOEA AND ENTERITIS UNDER 2 YEARS OF AGE

The death rate per 1,000 live births for London was 8.6 whilst that for Edmonton was 8.23 as compared with 6.8 and 2.45 respectively last year.

IMMUNISATION.

DIPHTHERIA

During the year 3,000 children completed treatment under the Council's arrangements; of these 1,520 were under 5 years of age. 55 children were Schick tested. In 1941 3,102 children completed immunisation treatment.

MEASLES

Measles Immune Globulin was issued to general practitioners in accordance with the Council's resolution quoted in my report for 1940. 6 x 2 c.cs were issued during the year.

WHOOPING COUGH

Edmonton children are immunised against Whooping Cough. The material used is 'Vaccine A', and during the year 841 appointments were made for this treatment. The treatment is carried out at the Council's Clinics.

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 perturbation and includes puerperal pyrexia and ophthalmia neonatorum.

Disease	Total No. of cases.	Number removed to Hosp.	Deaths	Age												
				1 to 1	2 to 2	3 to 3	4 to 4	5 to 5	10 to 10	15 to 15	20 to 20	35 to 35	45 to 45	65 to 65 & over		
Scarlet Fever	330	319	-	-	9	16	28	45	158	40	10	9	5	-	-	
Diphtheria	22	22	1	-	1	1	2	2	7	6	2	1	-	-	-	
Puerperal Pyrexia	122	120	-	-	-	-	-	-	-	-	5	95	22	-	-	
Pneumonia	63	23	73	3	2	4	2	1	9	2	2	9	10	11	8	
Erysipelas	32	6	-	-	-	-	-	-	-	-	1	1	6	5	12	
Ophthalmia Neonatorum	14	8	-	14	-	-	-	-	-	-	-	-	-	-	-	
Food poisoning	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	
Whooping Cough	174	9	3	19	21	19	23	28	56	2	-	5	-	1	-	
Measles	1034	15	-	22	79	82	98	152	373	8	4	5	-	1	-	
Cerebro-spinal fever	11	11	2	2	1	1	2	1	-	-	2	1	1	-	-	
Dysentery	5	1	1	1	-	-	-	-	-	-	-	-	1	-	3	
Encephalitis lethargica	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	

Distribution of infectious disease 1942.

Disease	Bury Street Ward	Church Street Ward	Angel Road Ward	Silver Street Ward	North Mdxs C.Hosp.	Other Inst'ns.	Total
Scarlet Fever	170	33	64	61	2	-	330
Diphtheria	3	1	8	10	-	-	22
Puerperal Pyrexia	11	10	9	13	79	-	122
Pneumonia	21	5	19	16	-	2	63
Erysipelas	8	5	6	11	2	-	32
Ophthalmia Neonatorum	1	2	3	4	4	-	14
Food poisoning	-	1	-	-	-	-	1
Whooping Cough	84	35	23	34	-	-	174
Measles	227	295	188	336	-	-	1034
Cerebro-spinal fever	3	-	2	5	1	-	11
Dysentery	2	3	-	-	-	-	5
Encephalitis lethargica	1	-	-	-	-	-	1

CANCER.

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

	Males.	Females.
Breast	-	24
Uterus	-	6
Rectal cavity and oesophagus	3	-
Stomach and duodenum	13	17
All other sites	55	56
	<u>71</u>	<u>103</u>

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. Financial assistance was rendered for the supply of surgical appliances in 2 cases during the year.

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. 1 new licence was granted during the year.

LOUSE-BORNE TYPHUS FEVER.

A full report on Ministry of Health Circular 2513 was submitted to the Council and I set out below main details of the scheme to deal with cases of Louse-Borne Typhus Fever which may occur in this Borough.

The Middlesex County Council to act as the Central Co-ordinating body for the County.

The Middlesex County Council to make arrangements for hospital accommodation and ambulance facilities for Edmonton cases, and to make a general County charge to the Local Authorities concerned of the cost involved in making the two hospitals (Hornsey and Uxbridge) suitable for the reception of Typhus cases. The cost to be equally distributed among the authorities concerned.

The Edmonton Borough Council would be willing to pay the cost of maintenance of Edmonton residents whilst in hospital suffering from Typhus Fever, and admitted from the Borough of Edmonton.

The Edmonton Borough Council is willing, subject to the approval of the Enfield, Edmonton and Potters Bar Joint Hospital Board, to admit other infectious diseases from other areas; into their Isolation Hospital if the two hospitals mentioned above become full of Typhus cases, and that a reciprocal charge be made for their maintenance. The Edmonton Borough Council to be responsible for disinfection of premises after removal of Edmonton cases and the disinfection of the Edmonton contacts of such cases.

The Edmonton Borough Council to co-operate with Enfield and Southgate and Potters Bar in the establishment and maintenance of one common centre for dealing with Typhus contacts from their respective areas.

The Middlesex County Council subsequently approved the necessary expenditure in respect of structural alterations required to be carried out at the Hornsey and Uxbridge Isolation Hospitals in connection with the reception therein of any cases of typhus occurring within the County.

Further, they agreed that all steps would be taken to assist Local Authorities on the lines indicated by the Edmonton Borough Council.

A conference was held between officers of Edmonton, Enfield, Potters Bar and Southgate Councils when the following proposals were drawn up:-

Cleansing Station Equipment and Cost - The conversion of an existing building in Southgate suitably equipped as a cleansing station. The cost of conversion to be borne by the four Authorities participating on the basis of their 1931 census population.

Staffing of Cleansing Station - Sanitary Inspectors and Health Visitors of Edmonton and Enfield to undertake the actual work of bathing and disinfecting typhus contacts. The operatives to wear protective clothing and gloves.

Transport - Each Local Authority to use its own transport for contacts to and from the Cleansing Station and for delivery of infested clothing to the disinfecting station at the Joint Isolation Hospital and return same after disinfection to the Cleansing Station.

Disinfection of Contacts Clothing - The Enfield, Edmonton and Potters Bar Joint Isolation Hospital have placed their disinfecting plant at the Isolation Hospital at the disposal of the four Authorities concerned, subject to certain conditions. Each Authority to provide its own disinfecting staff.

The proposals were agreed to by the Edmonton Borough Council.

The necessary teams for dealing with contacts have been established and protective clothing provided.

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	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year	-	-	1	-	-	-	1	-
1 - 5 years	-	-	1	-	-	-	1	-
5 - 15 "	3	1	6	5	-	-	-	2
15 - 25 "	15	25	2	1	6	7	2	-
25 - 35 "	10	15	4	5	5	9	2	-
35 - 45 "	15	7	2	-	8	-	-	-
45 - 55 "	8	4	-	1	4	2	1	1
55 - 65 "	2	2	-	-	6	-	-	-
65 years upwards	-	-	-	-	1	-	-	-
	53	54	16	12	50	18	7	3

In addition 13 cases of pulmonary tuberculosis and 2 cases of non-pulmonary tuberculosis previously notified in other areas, moved into Edmonton.

The total number of names added to the Register for the first time during the year, excluding of course, non-notified deaths was:-

	<u>Males.</u>	<u>Females</u>
New cases (respiratory)	53	54
(non-respiratory)	16	12
Transferred cases (respiratory)	5	8
(non-respiratory)	1	1
	<u>75</u>	<u>75</u>

The cases dying of Tuberculosis and not previously notified were:-

	<u>Males</u>	<u>Females</u>
Respiratory	4	-
Non-respiratory	-	2

There were thus 6 non-notified deaths out of a total of 56 persons registered as dying of tuberculosis (Registrar's figures). Regarding the non-notification of the above cases, there was no suggestion of wilful neglect or of refusal to notify.

The non-respiratory forms of tuberculosis notified were:-

	<u>Males</u>	<u>Females</u>
Genito-urinary tract	2	3
Other bones and joints	1	2
Meningeal	1	-
Glands	4	4
Abdomen	2	1
Kidney	1	1
Miliary	4	-
Skin	1	1

The Public Health (Prevention of Tuberculosis) Regulations, 1925, relate to tuberculous employees in the milk trade; whilst Section 172 of the Public Health Act, 1936 gives power to the Local Authority to remove to hospital certain cases of tuberculosis which are dangerous to other people.

No occasion during the year had occurred in which it has been necessary to invoke these powers.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1930.

The number of cases of tuberculosis on the Register at the end of 1942 was:-

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Pulmonary forms	271	226	497
Non-pulmonary forms	77	78	155
	<u>348</u>	<u>304</u>	<u>652</u>

The corresponding figures at the end of 1941 were:-

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Pulmonary forms	276	214	490
Non-pulmonary forms	79	79	158
	<u>355</u>	<u>293</u>	<u>648</u>

Corresponding figures for previous years were:-

	<u>Males.</u>	<u>Females.</u>	<u>Totals.</u>
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
1933	320	281	601
1932	363	284	647
1931	382	311	693

COUNCIL'S EMPLOYEES

During 1942 the Medical Officer of Health paid a total of 224 visits to those employees who had been on the sick list for longer than a fortnight and, when necessary, at fortnightly intervals. Of these 65 were 'not at home' and 4 had already resumed duty.

Also, during the year 10 persons were examined prior to their appointment to permanent posts.

MATERNITY AND CHILD WELFARE COMMITTEE.

Chairman: Cr. Mrs. A. M. Glover.

Councillors A. J. Hollywood (Mayor); Cr. J. Ward (Deputy Mayor) and
Alderman Mrs. M. M. Barrass.

Councillors: J.A.G. Beattie; L.E. Berridge; Mrs. E.M. Hearn; Mrs. E.M. Moss;
Mrs. E.B. Newsham; Mrs. A.E. Shingles.

STAFF.

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

H. R. Hay, M.B., Ch.B (Edin)., D.P.H., Deputy Medical Officer.

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

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

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).

abde Miss A. Birtcliffe - Lady Superintendent, Health Visitor School Nurses.

de Miss A. Naylor

bcd Miss M. R. Hazelton

acd Miss J. M. Anderson

bcd Miss V. Garrett

bed Miss J. Paterson.

bd Miss M. Druce.

bed Miss R. Bullock.

bed Miss B. F. Lister.

bed Miss H. V. Hughes.

c Miss A. Fahy (School work only).

Mrs. C. Tonkin (School work only).

MASSOUSE.

Miss M. F. Cozens-Walker, Chartered Masseuse, Orthopaedic Clinic (Part-time).

MUNICIPAL MIDWIVES.

cdfg Mrs. R.K.M. Wingrove - Non-Medical Supervisor of Midwives.

cdg Miss J. A. Weeks - Senior Midwife (Commenced July, 1942).

cdg Mrs. D.S.C. Gazzard

dg Mrs. A. J. Griffiths

cdg Miss A.G. Walker

cdg Miss K.M. James

cdg Miss D. M. Lewis.

cdg Miss V. Ummen.

cdg Mrs. A.M. Burton (temporary).

dg Miss D. Chaplin (temporary).

cd Miss S. Simpson (temporary, com.
Jan, 1942).

a Maternity and Child Welfare Certificate.

b New Health Visitors' 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.

CLERICAL.

Miss R. S. Saunders	Senior Clerk.
Miss N. A. Eyres	1st Assistant.
Miss H. P. Turton	2nd Assistant.
Miss W. S. Beattie	3rd Assistant.
Miss J. Blatter	4th Assistant.

MATRONS - NURSERIES.

Harpenden - c Miss E. Cadman.
Fore Street - h Miss M. W. Betteridge.
Hertford Road - c Mrs. I. Drummond.

The following information gives details of the Maternity and Child Welfare Clinics at the end of 1942:-

- (1) Ante-Natal Clinic at Brookfield House, Fore Street (Adjoining the Town Hall). Five sessions weekly.
- (2) Child Welfare Centres:-
 - (a) Brookfield House. Four Sessions weekly.
 - (b) Methodist Church Hall, Bush Hill Park. One session weekly.
 - (c) St. Alphege Church Hall. Two sessions weekly.
 - (d) Weir Hall. Two sessions 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.

FOREWORD.

1942 has proved a highly satisfactory year for all activities appertaining to this Department and it will be of interest to note the services in which an increase in demand has been experienced as against the year 1941.

Ante-Natal Clinics - the increase in the attendances is very great, viz 10,123 in 1942 against 6,527 in 1941; an increase of 3,796. The entire work of this Clinic is undertaken by the midwives, and an increase of 203 cases were dealt with under the midwifery service.

Infant Welfare Sessions and Post Natal Clinics have been patronised more than in 1941.

The Government evacuation scheme for expectant mothers has proved even more popular during 1942.

A greater number of mothers have taken the opportunity of obtaining dentures at reasonable prices at the Dental Clinic.

The arrangements made with the Education Committee for (a) Sunlight and (b) Ophthalmic treatment, have been very satisfactory and have more than justified their inception; many children under five years of age have been able to obtain treatment.

607 sterilised maternity outfits were issued during the year against 392 in the previous year.

The Harpenden evacuated nursery continued to operate during the year, having accommodation for 28 children under five years of age, but the problem with regard to the staffing of the premises remained very serious.

The Fore Street War-time nursery was open during the whole year and gave very satisfactory service for the war-workers in the district. The accommodation was increased from 40 to 66 places for children under five years of age by enlarging and adapting the existing premises and building a hut extension in the garden.

Hertford Road War-time Nursery, with accommodation for 55 children was opened on 19th October, and Florence Road War-time Nursery with accommodation for another 55 children will be ready for opening in January, 1943.

Plans for other War-time nurseries in the district are also under consideration.

I should like to express my appreciation to the Members of the Maternity and Child Welfare Committee and to the Members of the Staff for their co-operation during the year.

The following information will give some indication of the work carried out by the Department during the year 1942.

BIRTHS.

The total number of births notified during 1942 was as follows:-

Live births notified by midwives.....	2,209.
" " " " doctors and parents.....	129
Stillbirths " " midwives.....	97
" " " " doctors.....	3
	2,438

SPECIALIST' CLINIC.

The consulting Specialist made 25 visits during the year and saw 247 cases, making an average of 9.88 per session.

CHILD WELFARE CLINICS.

The figures relating to attendances are:-

	<u>Brookfield House</u>	<u>St. Stephens.</u>	<u>St. Alphege.</u>	<u>Weir Hall.</u>
No. of sessions.	201	50	102	99
New Cases:-				
(a) Under 1 year	564	176	248	303
(b) 1 - 5 years	130	42	41	57
Attendances:-				
(a) Under 1 year	9,868	3,090	3,921	5,845
(b) 1 - 5 years	<u>5,931</u>	<u>1,623</u>	<u>2,929</u>	<u>3,900</u>
	<u>15,799</u>	<u>4,713</u>	<u>6,850</u>	<u>9,745</u>
Doctor's consultations	4,835	1,024	2,312	2,200
Average attendances	78.90	94.26	67.15	98.43

ORTHOPAEDIC CLINIC.

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

Number of sessions..... 85
New cases referred during the year..... 76

Attendances:-

Surgeon's days..... 271
Treatment days..... 638
Total attendances..... 885

In-patient treatment.

Eleven children were admitted to Stannore during 1942, the average length of stay being 10 weeks 1 day. One child was still in hospital from 1941 and one was still in hospital at the end of December, 1942.

DENTAL CLINIC.

Details of the work carried out are:-

	<u>Mothers.</u>	<u>Children.</u>
No. of sessions	101	80
Number of attendances.	1,232	202
Number of new cases	369	140
Total number treated	781 (x)	188
Fillings	175	5
Dressings	38	174
Scalings	48	-
Extractions (No. of teeth) Under gas	1,936	283
(b) Local anesthetic	38	-
Number of gas cases	483	116

(x) This figure does not include mothers attending for dentures.

Dentures.

Number supplied - 99, of whom 22 were assisted by the Committee.

ADVISORY CLINIC

This Clinic is held for women from 40 - 50 years of age, in conjunction with the Post-Natal Clinic, who are needing advice, and the following attendances were made:-

No. of attendances..... 25
No. of new cases..... 17

SUNLIGHT CLINIC.

375 children were referred during the year for sunlight treatment and 1,640 treatments were given.

OPHTHALMIC CLINIC.

103 children under 5 years of age attended this clinic during the year. 74 attended for Refraction and 125 for re-examination.

BIRTH CONTROL CLINIC.

10 women were referred to this clinic during the year.

SPEECH CLINIC.

Arrangements are made with the Education Committee for children under five to attend the Speech Clinic and 8 children were referred during the year.

DETAILS OF DISTRIBUTION OF MILK, COD LIVER OIL etc., distributed by the Maternity and Child Welfare Department apart from any scheme of the Ministry of Food.

Liquid Milk	252 pints.
Trufood	225 tins.
Cow and Gate	619 packets.
Ostermilk	288 tins.
Cod Liver Oil & Malt	310 cartons.
Bomax	17 cartons.
Pure Cod Liver Oil	6 bottles.
Halycalcylne	216 bottles.
Ferroxal	10 bottles.
Glucose	24 packets.
Fersolate	5 packets.

NATIONAL DRIED MILK.

This was distributed through the Infant Welfare Clinics up to the end of June, when 2,010 had been sold and 469 issued free of charge. In addition 30 tins were paid for by the Council.

FREE MEALS.

During the year 42 applications were received, 31 of whom were granted the supply of free meals at the British Restaurants. 13 people had their applications renewed.

CONVALESCENT CASES.

12 children were sent away under the contract with the Invalid Children's Aid Association, and 4 children were still away at the beginning of the year who had been sent away in 1941.

TONSILS AND ADENOIDS.

57 children were admitted to hospital for the removal of Tonsils and Adenoids; of these 33 paid the full cost, 10 were free and 14 were through the H.S.A.

INFECTIOUS DISEASES.

Ophthalmia Neonatorum. 15 cases were notified during the year, and of these 8 cases occurred in North Middlesex County Hospital, 4 of which were Edmonton cases.

INFECTIOUS DISEASES Contd.

Puerperal Pyrexia. 127 cases were notified during the year and of this number 120 cases occurred in the North Middlesex County Hospital, of which 36 were Edmonton cases. Four of the seven cases which occurred on the district were admitted to the Isolation Hospital.

Pemphigus Neonatorum. 1 notification was received during the year which was an Edmonton case.

MIDWIFERY SERVICE.

Medical Aid. The number of claims made by doctors for Medical Aid during the year 1942 was 159, of this number 41 cases were granted free of charge, 14 at half cost and the remainder paid the full fee.

Midwifery. The following gives information as to the actual bookings for 1942:-

Number of women who booked during 1942..... 1,069.
Of this number 853 paid the full cost, 70 paid half the fee and 146 were granted the services of the midwife free of charge, in addition 54 re-applications were reviewed during the year, these latter mothers being relieved from further payment.

Analysis of work

Actual confinements attended by midwives..... 812 (Of this number
728 as midwives
& 84 as maternity
nurses).
Attended by midwives, but women admitted to hospital
for actual confinement.....126
Left district before confinement or mothers evacuated
through L.C.C. scheme etc..... 68 (Attention and
Supervision given
by Municipal
midwives during
Ante-Natal
period).

Gas and Air Analgesia.

18 applications were received during the year, 17 paid the full cost, and 1 granted free of cost.
10 cases had the Gas and Air administered and 8 were cancelled for various reasons.

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 1942 283 mothers applied to be sent away and by December 31st, 132 women had been sent to reception areas for their confinement and 93 cancelled the arrangements.

Home Helps.

113 women had the services of a Home Help during 1942, 63 paid the full cost, 21 half cost and 29 had the services free of charge.

Ante-Natal scheme of co-operation between the Council and North Middlesex County Hospital.

Under an arrangement with the Middlesex County Council the Health Visitors visited 136 homes 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.

607 Sterilised Maternity Outfits were issued during the year; 414 were paid for; 45 paid half cost and 148 were granted free.

X-Rays.

18 mothers were referred to the hospital for X-Rays during the year, 14 of whom paid the full cost, 2 half cost and 2 were free of charge.

Children under 5 years of age discharged from the North Middlesex County Hospital.

54 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.

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 1942 was 20 and the number of children 22.

WAR-TIME NURSERIES.

Attendances for the whole year were:-

Fore Street - 13,604.

Hertford Road - 1,475 (Opened October, 1942).

The evacuated nursery at Harpenden had places for 28 children.

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BOROUGH OF EDMONTON

EDUCATION COMMITTEE

1942.

Chairman: Ald. Mrs. E. A. Young.
Vice-Chairman: Cr. W. H. Coleman.

His Worship the Mayor: Ald. Mr. A. J. Hollywood.

ALDERMEN: W. Preye, J. Reid, W. F. Middleton, W. A. Edmunds.

COUNCILLORS: Mrs. F. Long; Mrs. H. Nicholson; Mrs. E. M. Hearn;
W. Bates; T. H. Joyce; H. Gatward; W. Green and
G. I. W. Pott.

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 Services.
H. R. Hay, M.B., Ch.B., D.P.H., Deputy School Medical Officer and
Deputy Medical Officer of Health.
C. A. Goggin, M.B., Ch.B., D.P.H., Assistant School Medical Officer
and Assistant Medical Officer of Health.
K. Hart, M.B., B.Sc. (Lond.), M.D., D.P.H., Assistant School
Medical Officer and Assistant Medical Officer of Health.

Whole-time Dental Surgeons.

J. F. Ardouin, D.D.S., R.C.S., Senior Surgeon Dentist.
E. Underhill, D.D.S., R.C.S., Assistant Surgeon Dentist.
F.H.S. Weiss, D.D.S., R.C.S., Assistant Surgeon Dentist (now serving
with His Majesty's forces).
S. Williams, D.D.S., R.C.S., Temporary Assistant Surgeon Dentist
(Left the Council's employ August, 1942).

Consultants.

J. A. Cholmeley, F.R.C.S. (Eng.), Orthopaedic Surgeon
Miss L. H. 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.

Part-time Staff.

Miss M. F. Cozens-Walker, Chartered Masseuse.
Miss B. M. Olarey, M.S.S.T., Speech Therapist.

School Nurses and Health Visitors.

Miss A. Birtcliffe (Lady Superintendent)	Miss V. Garrett
Miss A. Naylor	Miss J. Paterson
Mrs. C. Tonkin	Miss M. Bruce
Miss M. R. Bazleton	Miss R. Bullock
Miss A. Fahy	Miss B. Lister
Miss J. Anderson	Miss V. Hughes.

Dental Attendants

Miss O. Brooks
Miss J. Collyer.

Clerical Staff

B. R. Allen, School Medical Clerk (now serving with H.M. Forces)
H. A. Carless, Acting School Medical Clerk.
S. E. Woodroffe, Clerk (now serving with H. M. Forces).
Miss A. Savill, Clerk/shorthand-typist.
Mrs. E. A. Taylor, Clerk.
Mrs. P. R. Thorley, Clerk.
Miss V. D. Bruton, Clerk (commenced 26th February, 1942.).

To the Chairman and Members
of the Education Committee.

Ladies and Gentlemen,

I beg to submit my eighth annual report, for the year 1942, on the work of the School Medical Department. As in previous reports the report will be brief, to comply with the Board of Education's wishes, in that it only deals with salient facts and changes in the Department's services.

During the early part of the year, the Ultra-Violet Light Clinic was opened. This is held at the Orthopaedic Clinic, Central Hall, and Miss Walker, the Masseuse, is in charge. Soon after the Clinic started, the sessions had to be increased in order to cope with the waiting lists. Until other suitable premises are available, this service will fill a very great need amongst the children of Edmonton.

All other services are running normally insofar as the limitations of staff will allow, but I might add that the demands on each item of this Department are now very great.

I would like to mention here how grateful I am for the loyal co-operation of the staff; the willing efforts of the Head Teachers and their staff, and the assistance they have given to me through a very difficult administrative year.

I also extend my grateful thanks to the Chairman and the members of the Education Committee for their courtesy and interest shown in the work of the Department.

I have the honour to remain, Ladies and Gentlemen,

Your obedient Servant,

D. REGAN.

School Medical Officer.

1. STAFF

Mr. S. Williams, Dentist, left the employ of the Council in August, 1942. He had been acting as temporary Dentist during the absence of Mr. Underhill, owing to illness.

2. CO-ORDINATION.

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

3. SCHOOL HYGIENE

I might mention here that the setting up of shelters and baffle-walls have interfered with the proper ventilation of the class rooms and corridors.

4. MEDICAL INSPECTION.

The number of children fully examined in the routine inspection of each group during the year 1942 was 4358, and the analysis of the age groups were as follows:-

Entrants: 1896; Second Age Group: 1331; Third Age Group: 1131.

5. FINDINGS OF MEDICAL INSPECTION.

(a) Malnutrition.

The following table gives the classification of the nutrition of the children inspected during the year 1942 in the routine age groups:-

No. <u>Inspected</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
4358	588	3164	571	35

(b) Cleanliness.

The cleansing of heads and the treatment of scabies continued to be carried out at the Town Hall Inspection Clinic.

(c) Minor Ailments and Diseases of the Skin.

The only clinic in this district for the treatment of Minor Ailments is at Croyland Road. The attendances for 1942 were 20,139.

(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. 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 a month. The attendances for the year were:-
351 New Cases; 238 Old Cases. Total 569.

Children recommended for the removal of their tonsils and/or adenoids were admitted to the G.N.S. Hospital at Barley Lane, Goodmayes. The number of children receiving operative treatment during 1942 was 212.

Arrangements are also made for children to see the Specialist at the North Middlesex County Hospital, when parents prefer this, and the number of operations carried out there during 1942 was 65.

Cases of speech defects were dealt with by Miss Oldrey, the Speech Therapist.

(g) Dental Defects.

The treatment of dental defects was carried out at the Croyland Road and Hazelbury Road Dental Clinics. Particulars of attendances, etc., are given at the end of this report.

Orthodontic cases were treated at the above two clinics, and the total number of cases on the registers up to the end of 1942 was 333.

(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 and Miss Walker, the Masseuse, attended on Monday, Wednesday, Thursday and Friday mornings.

The number of attendances during the year was 2461.

The Surgeon saw 85 NEW CASES and 213 OLD CASES - Total 298.

(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 1942 were 110 NEW CASES; 128 OLD CASES
TOTAL: 238.

(j) Tuberculosis:

I must extend my most grateful thanks to Dr. H. Evans, the Tuberculosis Officer, for the co-operation he has given to this Department in dealing with cases referred to him.

The number of notified cases and the mortality of children of school age during 1942, taken from the records of the Public Health Department was:-

	Notified		Deaths	
	M	F	M	F
Pulmonary	4	-	-	-
Non-pulmonary	5	4	2	2

(k) Other Defects and Diseases

These cases were dealt with as in previous years.

6. FOLLOWING-UP.

The same arrangements were in effect as in previous years.

ARRANGEMENTS FOR TREATMENT.

The arrangements for treatment at the various Clinics were as follows

Croyland Rd. Minor Ailment Clinic:	A doctor was in attendance each morning to advise parents
Rheumatic Clinic:	Held the third Thursday in each month - by appointment only.
Aural Clinic:	Held the second and fourth Friday in each month - by appointment only.
Ophthalmic Clinic:	Held every Monday, with occasional extra sessions. New Cases by appointment only.
Orthopaedic Clinic:	Held the first Friday in each month. By appointment only.
Dental Clinics:	Held at Haselbury Rd. and Croyland Rd. Clinics. By appointment only.
Orthodontic Clinic:	Held once a month at each Dental Clinic. By appointment.
Speech Clinic:	Four sessions held each week. During the early part of the year at Brettenham Rd. School & later at Haselbury Road School. By appointment only.
Ultra-Violet Light Clinic:	Held At Central Hall, N.9. By appointment only.

8. INFECTIOUS DISEASES.

Those children who suffered from infectious diseases were dealt with in the same manner as in previous years.

Medical Inspection and Treatment Returns

Year Ended 31st December, 1942.

TABLE I. Medical Inspections of children attending Public Elementary Schools.

A - ROUTINE MEDICAL INSPECTIONS.

(1) No. of Inspections in the Prescribed Age Groups:
Entrants: 1896. Second Age Group: 1331. Third Age Group: 1131.
Total: 4358.

(2) No. of other Routine Inspections: Nil

Grand Total 4358

B - OTHER INSPECTIONS.

No. of Special Inspections and Re-Inspections 787

TABLE II Classification of the Nutrition of Children Inspected During the Year in the Routine Age Groups.

Number of Children Insp.	A		B		C		D	
	No.	%	No.	%	No.	%	No.	%
4358	588	13.49	3164	72.58	571	13.10	35	.83

TABLE III. Treatment of Minor Ailments (Excluding Uncleanliness)

(1) Total No. of Defects treated or under treatment during the year under the Authority's Scheme: 7001.

(2) Treatment of Defective Vision and Squint.

	Under the Authority's Scheme.
Errors of Refraction (Including squint)	952
Other defect or disease of the eyes (excluding those recorded in Group 1)	1
TOTAL	<u>953</u>
No. of children for whom spectacles were:-	
(a) Prescribed	911
(b) Obtained	<u>910</u>

(3) Treatment of Defects of Nose and Throat

Received Operative Treatment:	277
Received other forms of treatment	247
Total Number treated	<u>524</u>

TABLE IV Dental Inspection and Treatment.

(1) Number of children inspected by the Dentist.

(a) Routine Age Groups	10080
(b) Specials	<u>1727</u>
(c) Total (Routine & Specials)	<u>11807</u>

TABLE LV (Cont.)

(2) Number found to require treatment:	7179	(8) Administrations of general anaesthetics for extractions	2126
(3) Number actually treated:	3544		
(4) Attendances made by children for treatment:	6355		
(5) Half-days devoted to:-		(9) Other Operations:	
Inspection:	54	Permanent Teeth:	367
Treatment	804	Temporary Teeth:	4133.
Total	858	Total: 4500	
(6) Fillings:-			
Permanent Teeth:	2513		
Temporary Teeth:	89		
Total:	2602		
(7) Extractions:-			
Permanent Teeth:	956		
Temporary Teeth:	4628		
Total:	5584		

TABLE V. Verminous Conditions.

(1) Average number of visits per school made during the year by the School Nurses or other authorised persons:	19
(2) Total number of examinations of children in the Schools by School Nurses or other authorised persons:	37105
(3) Number of <u>individual</u> children found unclean:	1139
(4) Number of <u>individual</u> children cleansed under Section 87 (2) and (3) of the Education Act, 1921:	1057
(5) Number of cases in which legal proceedings were taken:-	
(a) Under the Education Act, 1921.	-
(b) Under School Attendance Byelaws	1

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	1	-	-
Deaf Children	-	-	-

