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BOROUGH OF BRENTFORD AND CHISWICK.

INTERIM REPORT

ON THE

HEALTH OF THE DISTRICT

AND

SCHOOL MEDICAL SERVICE

DURING THE

YEAR

1940

R.C. LEANING, M.B., B.S., (Lond), M.R.C.S., L.R.C.P.,
D.P.H., R.C.S., (Eng).

Medical Officer of Health. School Medical Officer.

BOROUGH OF BRENTFORD AND CHISWICK

PUBLIC HEALTH DEPARTMENT,

TOWN HALL, CHISWICK.

To the Mayor, Aldermen and Councillors of the
Borough of Brentford and Chiswick.

LADIES AND GENTLEMEN,

In accordance with instructions received from the Ministry of Health, this report for 1940 has been prepared as an interim report and only essential matters and certain statistics are included. A careful record of other statistics and relevant matters is being kept so that after the termination of the war a comprehensive report dealing with the whole war period may be issued in order that the annual records may, as far as practicable, be continuous and complete.

The fact that this Department was responsible to the County (the Scheme-making Authority) for the Casualty Services of A.R.P. necessitated a good deal of extra work at high pressure and I am pleased to record that those members of the staff who were engaged in these duties carried out the extra work with enthusiasm. Of course our most severe time was during the "blitz" on the London area and many of us had to remain on duty or call continuously throughout the 24 hours, with only brief intervals for sleep and refreshment, for something like 94 consecutive days.

During the year the Senior Clerk, Percy Smith, joined the Pioneer Corps and James Friar the Junior Clerk the R.A.F. in which he won his "wings" and became a fighter pilot.

Many mothers and children returned from the reception areas so the M & C.W. work increased, some schools were re-opened part-time and there was a measure of School Medical Service. The Diphtheria Immunisation Clinic was re-opened in December.

As regard the general health of the Borough the most outstanding feature was the small incidence of infectious disease during the year. An epidemic of Measles was due, and for a generation it has never failed to appear each alternate year, but there were only sporadic cases. This is possibly accounted for by the evacuation of so many children from crowded areas. This health condition is all the more remarkable when one considers the "shelter" life taken to by the people of the London area. The shelters had been designed to be used for short periods only, but they became dormitories in which all the fundamental rules of Hygiene seem to have been broken. Many were overcrowded, inadequately ventilated, without suitable sanitary accommodation and poorly heated and seemed to be ideal for the outbreak of severe epidemics of Influenza, Cerebro Spinal Fever etc. Mercifully we were spared these dread happenings but our anxiety remained intense throughout, as suitable measures to remedy the conditions were difficult and often impossible to carry out.

I am, Ladies and Gentlemen,

Your obedient Servant,

R.C. LEANING.

SECTION A.

EXTRACTS FROM VITAL STATISTICS ETC.

Birth and Deaths.

<u>Live Births.</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>
(a) Legitimate	692	356	336
(b) Illegitimate	38	26	12
<u>Still Births.</u>	25	9	16
Deaths (all causes)	813	418	395
Deaths from puerperal causes	NIL		

Death rate of infants under 1 year of age.

All infants per 1,000 live births	= 59
Legitimate infants per 1,000 live births	= 61
Illegitimate infants per 1,000 illegitimate live births	= 28
Deaths from Cancer (all ages)	= 112
Deaths from Measles (all ages)	= NIL
Deaths from Whooping Cough	= NIL
Deaths from Diarrhoea (under 2 years of age)	= 3
Total deaths from the seven principals	
Zymotic diseases	= 3

INFANTILE MORTALITY.

The total number of deaths of infants under one year of age was 43. Of this number, 1 was an illegitimate child. This gives an Infantile Mortality Rate of 59 per 1,000 live births. Analysing this figure, one finds that the Infantile Mortality Rate among legitimate children was 61, while that among illegitimate infants was 28.

Of the 43 infants deaths, 30 occurred outside the area and 23 were neo-natal, i.e., occurring during the first four weeks of life. The rise in this rate appears to be due to a large increase in Premature Births which may possibly be ascribed to Air Raids.

The Infantile Mortality Rates in the Borough for the past ten years is as under:-

<u>Year</u>	<u>Infantile Mortality Rate.</u>	<u>Year</u>	<u>Infantile Mortality Rate.</u>
1931	49	1936	49
1932	49	1937	52
1933	46	1938	42
1934	61	1939	41
1935	41	1940	59

SECTION A

DEATHS FROM VITAL STATISTICS ETC.

Births and Deaths			
Live Births	Total	Males	Females
(c) Legitimate	505	255	250
(d) Illegitimate	38	25	13
Total Births	543	280	263
Deaths (all causes)	61	41	20

Deaths from infectious diseases

Death rate of infants under 1 year of age

All infants per 1,000 live births = 32

Legitimate infants per 1,000 live births = 61

Illegitimate infants per 1,000

illegitimate live births = 38

Deaths from Cancer (all ages) = 11

Deaths from Malaria (all ages) = 11

Deaths from Rheumatic Gout = 11

Deaths from Distress (under 2 years of age) = 3

Total deaths from the seven principal

sympathetic diseases = 3

INFANTILE MORTALITY

The total number of deaths of infants under one year of age was 43. Of this number, 1 was an illegitimate child. This gives an Infantile Mortality Rate of 32 per 1,000 live births. Analyzing this figure, one finds that the Infantile Mortality Rate among illegitimate children was 41, while that among legitimate infants was 18.

Of the 43 infant deaths, 30 occurred within the first year and 13 were non-fatal, 1.6% occurring during the first four weeks of life. The rise in this rate appears to be due to a large increase in Premature Births which may possibly be attributed to Air Rides.

The Infantile Mortality Rates in the Borough for the past ten

years is as under:-

Year	Infantile Mortality Rate	Year	Infantile Mortality Rate
1931	43	1936	43
1932	43	1937	43
1933	43	1938	43
1934	43	1939	43
1935	43	1940	43

TABLE I.

PARTICULARS OF BIRTHS AND DEATHS AS SUPPLIED BY THE REGISTRAR-GENERAL FOR THE YEAR 1940.

CAUSE OF DEATH.	MALES	FEMALES
All Causes	418	395
1. Typhoid Fever, etc.	-	-
2. Cerebro-Spinal Fever	1	1
3. Scarlet Fever	-	-
4. Whooping Cough	-	-
5. Diphtheria	-	-
6. Tuberculosis of respiratory sys	20	10
7. Other forms of Tuberculosis	3	5
8. Syphilitic diseases	7	2
9. Influenza	10	10
10. Measles	-	-
11. Acute Polio-Myelitis and Polio-Encephalitis	-	-
12. Acute Inf: Encephalitis	-	1
13. Cancer b: Cav: & Oesophagus (M) Uterus (F)	7	5
14. Cancer of Stomach & Duodenum	12	10
15. Cancer of Breast	-	9
16. Cancer of all other sites	40	29
17. Diabetes	3	1
18. Intra-Cranial Vascular lesions	22	30
19. Heart Disease	102	107
20. Other disorders of circulatory system	10	7
21. Bronchitis	36	25
22. Pneumonia	30	26
23. Other Respiratory Diseases	6	3
24. Ulcer of Stomach or Duodenum	7	2
25. Diarrhoea under 2 yrs	1	2
26. Appendicitis	3	1
27. Other digestive diseases	4	11
28. Nephritis	9	7
29. Puerperal & Post Abortive Sepsis	-	-
30. Other Maternal causes	-	-
31. Premature Birth	8	9
32. Congenital Malformation, Birth Injury, Infantile disorders	4	5
33. Suicide	1	3
34. Road Traffic Accidents	7	11
35. Other violent causes	35	47
36. All other causes	30	26
ALL CAUSES	418	395

Deaths of Infants under 1 year -	Males	Females.
Total	22	21
Legitimate	21	21
Illegitimate	1	-

Live Births -	For I.M.Etc.		For Birth Rate.	
	Males	Females.	Males	Females
Total	367	337	382	348
Legitimate	342	326	356	336
Illegitimate	25	11	26	12
Still-births -				
Total	9	14	9	16
Legitimate	7	13	7	15
Illegitimate	2	1	2	1

T A B L E 11

INFANTILE MORTALITY DURING THE YEAR 1940.

Net deaths from stated causes at various ages under one year.

CAUSE OF DEATH.	Under 1 week.	1 - 2 weeks.	2 - 3 weeks.	3 - 4 weeks.	Total under 4 weeks.	1 - 3 months.	3 - 6 months.	6 - 9 months.	9 - 12 months.	Total under 1 year.
1. Small-pox	-	-	-	-	-	-	-	-	-	-
2. Chicken-pox	-	-	-	-	-	-	-	-	-	-
3. Measles	-	-	-	-	-	-	-	-	-	-
4. Scarlet Fever	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough	-	-	-	-	-	-	-	-	-	-
6. Diphtheria or Croup	-	-	-	-	-	-	-	-	-	-
7. Erysipelas	-	-	-	-	-	-	-	-	-	-
8. Tuberculous meningitis	-	-	-	-	-	-	-	-	1	1
9. Abdominal Tuberculosis	-	-	-	-	-	-	-	-	-	-
10. Other Tuberc. diseases	-	-	-	-	-	-	-	-	-	-
11. Meningitis (non T.B.)	-	-	-	-	-	-	1	-	2	3
12. Convulsions	-	-	-	-	-	-	-	-	-	-
13. Laryngitis	-	-	-	-	-	-	-	-	-	-
14. Bronchitis	-	-	-	-	-	-	1	-	-	1
15. Pneumonia (all forms)	-	-	-	-	-	4	1	-	-	5
16. Diarrhoea	-	-	-	-	-	-	-	-	-	-
17. Enteritis	-	-	-	-	-	1	-	1	1	3
18. Gastritis	-	-	-	-	-	-	-	-	-	-
19. Rickets	-	-	-	-	-	-	-	-	-	-
20. Suffocation, overlying	-	-	-	-	-	-	-	1	-	1
21. Injury at birth	1	-	-	-	1	-	-	-	-	1
22. Atelectasis	2	-	-	-	2	-	-	-	-	2
23. Congenital malformation	1	1	-	-	2	1	-	-	-	3
24. Premature birth	15	-	-	-	15	-	-	-	-	15
25. Atrophy, Debility & Marasmus ...	-	-	1	-	1	-	-	-	-	1
26. Pemphigus Neonatorum	-	-	-	-	-	-	-	-	-	-
27. Other causes	-	-	2	-	2	*1	4	-	-	7
TOTALS ..	19	1	3	-	23	7	7	2	4	43

* Coal Gas Poisoning

BIRTHS:- Legitimate 668

DEATHS:- Legitimate 42

Illegitimate 36

Illegitimate 1

INFANTILE MORTALITY RATE PER 1,000 BIRTHS = 59

SECTION 'B'.

GENERAL PROVISION OF HEALTH SERVICES IN THE BOROUGH.

The health services of the Borough have been maintained with one exception during the past year.

The Immunisation Clinic was closed for practically the whole year, due to the fact that the specialist was engaged on other work. Otherwise the Clinics and treatment centres, as set out in my report for 1939 functioned in practically the normal way.

Civil Ambulances.-

Three motor ambulances for civil work were maintained and located, two at Chiswick and one at Brentford Fire Stations.

The work carried out was as under:-

Number of public calls dealt with during 1940 = 747

Number of private calls dealt with during 1940 = 456

Maternity & Child Welfare (Table attached).

Ante-Natal Table attached.

Supply of Milk and Food (Table attached)

Maternal Mortality.

No maternal deaths were reported during the year.

The following table shows the number of maternal deaths connected with pregnancy during the last 10 years.

Year	Died from Sepsis.	Died from other causes connected with pregnancy.
1931	1	3
1932	1	1
1933	3	2
1934	1	3
1935	-	1
1936	2	3
1937	-	1
1938	2	2
1939	-	2
1940	-	-
TOTALS	10	16

SECTION 'B'

GENERAL PROVISION OF HEALTH SERVICES IN THE BOROUGH.

The health services of the Borough have been maintained with one exception during the past year.

The Immunisation Clinic was closed for practically the whole year, due to the fact that the specialist was engaged on other work. Otherwise the Clinic and treatment centres, as set out in my report for 1959 functioned in practically the normal way.

Civil Ambulance:-

Three motor ambulances for civil work were maintained and located, two at Chiswick and one at Brentford Fire Stations.

The work carried out was as under:-

Number of public calls dealt with during 1960 = 747

Number of private calls dealt with during 1960 = 425

Maternity & Child Welfare (Table attached).

Anti-Natal Table attached.

Supply of Milk and Food (Table attached)

Maternal Mortality.

No maternal deaths were reported during the year.

The following table shows the number of maternal deaths connected with pregnancy during the last 10 years.

Year	Maternal Deaths	Deaths from other causes connected with pregnancy
1951	1	1
1952	1	1
1953	1	1
1954	1	1
1955	1	1
1956	1	1
1957	1	1
1958	1	1
1959	1	1
1960	1	1
TOTAL	10	10

SUMMARY OF WORK AT THE MATERNITY AND CHILD WELFARE CLINICS 1940.

	BRENTFORD AREA.			CHISWICK AREA.				Grand Totals 1940.	Grand Totals 1939.
	Monday Clinics.	Wednesday Clinics.	Total.	Wed. Clinics	Thurs. Clinics	Frid. Clinics.	Total		
Number of new Members enrolled during the year-									
Under 1 year	101	121	222	-	148	178	326	548	512
Over 1 year	70	61	131	-	65	72	137	268	140
	171	182	353	-	213	250	463	816	652
Number of children attending & weighed -									
Under 1 year	1445	2296	3741	-	2683	1694	4377	8118	8364
Over 1 year	905	1879	2784	-	1054	989	2043	4827	4812
	2350	4175	6525	-	3737	2683	6420	12945	13176
Number of children seen by Doctor -									
Under 1 year	467	415	882	-	785	673	1458	2340	2461
Over 1 year	366	325	691	-	306	335	641	1332	1630
	833	740	1573	-	1091	1008	2099	3672	4091

ANTE-NATAL CLINICS.

DISTRICT	Number of Clinics held during year.	Number of expectant mothers attending for the first time.	Total number of expectant mothers attending.	Number of post-natal mothers attending.	Total number of attendances made.	Average attendance per session.
BRENTFORD	56	171	779	4	783	14
CHISWICK	70	344	1571	1	1572	22
TOTALS.....	126	515	2350	5	2355	18

SUPPLY OF MILK AND FOOD.

Terms of supply	Milk.			Meals supplied at Dining Centres.			Other Food.*		
	Expect- ant Mothers.	Nursing Mothers.	Child- ren under 5 years of age.	Expect- ant Mothers.	Nursing Mothers.	Children under 5 years of age.	Expect- ant Mothers.	Nursing Mothers.	Children under 5 years of age.
Free, or at less than cost price, in necessitous cases.	YES	YES	YES	NO	NO	NO	YES	YES	YES
At cost price in other cases (e.g., sale of dried milk at Centres).	yes	YES	YES	NO	NO	NO	YES	YES	YES

* Cod liver oil and malt, Virgl, Bemax, etc.

Total quantity of milk supplied during the year to expectant and nursing mothers and young children:-		
(i) by the Council.....	Liquid Milk gallons 598	Dried Milk gallons 10,093
(ii) by Voluntary Associations operating in the area of the Council.	Nil	Nil
TOTALS	598	10,093

Health Visitors.

Six Nurses as reported last year are on the staff for this work and the School Medical Service.

The following table sets out a bried summary of the work of the Health Visitors during the year:-

(a) To expectant mothers:			
First visits	.....	361	
Total visits	.....		693
(b) To children under one year of age:			
First visits	.....	699	
Total visits	.....		2805
(c) To children between the ages of 1 and 5 years....			
Total visits	.....		4779
(d) Ophthalmic visits			
			3
(e) Other visits:			
Measles			7
Whooping Cough			1
Epidemic Diarrhoea			1
Infant Life Protection Visits .			182
Total			8471

Child Life Protection (under the Public Health Act, 1936).

The following table sets out particulars of registration during the year

(1) Number of foster-parents on the Register:		
(a) At the beginning of the year	.....	26
(b) At the end of the year	.....	16
(2) Number of children on the Register:		
(a) At the beginning of the year	.....	31
(b) At the end of the year	.....	18
(c) Who died during the year	.....	-
(d) On whom inquests were held during the year	.....	-

Day Nursery.

Record of attendances during the year 1940.

Whole-days	.....	9072
Half-days	.....	918

SECTION 'C'.

The figure set out in the tables included in this section give details of work directly connected with Public Health and do not of course include any reference to the many other duties connected with the War situation which were undertaken by the officers of this department.

Under the heading of 'Unsound Food Condemned', it will be noted that the amount shown is much higher than in previous years. This is, of course, directly attributable to the war conditions, much food being rendered unfit for human consumption by contamination, by broken glass, and other war damage, particularly during the latter portion of the year.

(1) SANITARY INSPECTION OF THE AREA:

Tabular Statment of the Work of the Sanitary Department, 1949.

INSPECTIONS.

Number of Premises inspected on complaint	615
Number of premises inspected in connection with infectious disease	97
Number of primary inspections	1918
Number of re-inspections	1513
Total number of inspections and re-inspections	3431

ACTION TAKEN (other than Housing Act, 1936).

Cautionary or intimation notices served	374
Statutory Orders issued (under Public Health Acts)	3
Summonses served	-
Number of Certificates under Rent & c.(Restrictions) Acts issued to Tenants	7
Number of Clearance Certificates issued to owners	2

Particulars of Sanitary Defects referred to in Notices served, and other Matters.

(a) DRAINAGE OF EXISTING BUILDINGS:

W.C.s	
New/provided, repaired, supplied with water or otherwise improved	175
Percentage of houses provided with waterclosets	100
DRAINS	
Tested (smoke)	16
Unstopped, repaired, trapped, etc.	56
Waste pipes, rainwater pipes disconnected, repaired etc	50
New soil pipes and ventilating shafts fixed	6
New sinks provided	14
Disconnecting traps and chambers inserted	25
Reconstructed (whole system)	3
Reconstructed (connections)	21
Percentage of houses draining into sewers	99.9
Surface water drains reconstructed	-
Surface water drains repaired	2

(b) WATER SUPPLY AND WATER SERVICE:

Draw taps on main	4
Percentage of houses supplied from Public Water Service	99.9

(c) REFUSE.

New bins provided	15
-------------------------	----

Frequency of refuse removed from each house weekly
 Number of complaints received - Dealt with by
 Engineer's Department.
 Method of disposal: Barging away to controlled tip.

(d) SUNDRY NUISANCES.

Overcrowding
 Urgent cases reported to Housing Committee.
 Smoke - Minor Complaints only
 Accumulation of refuse 2
 Foul ditches, ponds etc., and stagnant water 1
 Dampness 124
 Yards repaired or repaved 7
 Leaky roofs and eaves guttering 134
 Premises repaired and cleansed 211
 Other nuisances 240

(e) DISINFECTION:

Premises disinfected:

Ordinary notifiable diseases 1 63
 Phthisis 10
 Cancer 25
 Other diseases 12
 Rooms stripped and cleansed (Section 167, Public Health Act, (1936)
 Premises treated for vermin 36
 Premises treated for other pests 12

(f) SLAUGHTERHOUSES:

Number on Register (including one Knacker's Yard) 5
 Inspections made periodically at time of slaughter.
 Contraventions of bye-laws
Slaughter of Animals Act, 1933.
 Number of animals slaughtered in district during month of Jan, only, (vide Livestock (Restriction on Slaughter) Order 140
 Oxen 13
 Sheep and lambs 56
 Pigs 29
 Number of licences to slaughter animals issued during the year:-
 New Licences 1
 Renewed Licences 9

FOOD & DRUGS ACT, 1938.

MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

MILK & DAIRIES ORDER, 1926.

Number of premises on register 80

Number of Licences issued to sell:-

(a) Tuberculin Tested milk 7
 (b) Accredited milk 1
 (c) Pasteurised milk 17

BAKEHOUSES.

Number in district in use	20
Contraventions of Factory Acts	-

UNSOUND FOOD:

Fresh Meat, Offal, etc.	185	lbs.
Cooked Meats, Etc.	412	"
Tinned Meats, etc.	67	"
Fresh fish	399	"
Tinned fish	21	"
Bacon	5140	"
Poultry (fresh)	46	"
Poultry (tinned)	97	"
Rabbit	120	"
Vegetables (fresh)	46424	"
Vegetables (tinned)	35	"
Fruit (Fresh)	359	"
Fruit (dried)	18	"
Fruit (tinned)	63	"
Jam	173	"
Butter, Cheese, etc.	216	"
Cereals, Flour, etc.	2689	"
Tea, Coffee, Cocoa	8	"
Sugar	27	"
Sundries	255	"

OFFENSIVE TRADES:

Number of premises in district	18
Nature of Trades:	
One soap boiler, 2 rag and bone dealers and 15 fried fish shops.	
Number carried on under yearly licence	2
Number of Inspections made	21

CANAL BOATS:

Number registered during the year:	
Motor propelled boats	-
Other boats (wide)	-
Registration Certificates cancelled	-
Number of Duplicate Copies of Registration	-
Certificates issued	-
Number of Boats inspected	-
Number of complaint notes signed	-
Number of Boats on Register:	
Motor propelled boats	97
Other boats	418

PETROLEUM ACTS:

Number of applications received for licences to store and sell petroleum spirit	102
Number of applications received for licences to store and sell petroleum mixture	24
Number of applications received for licences to store and sell carbide of calcium	7
Number of gallons of petroleum spirit covered by licences	219,031
Number of gallons of petroleum mixture covered by licences	5,104
Quantity of carbide of calcium covered by licences	36,424 lbs.

HOUSING

By reason of the fact that the Sanitary Staff was otherwise engaged coupled by the difficulty experienced by builders in obtaining labour and necessary materials, the usual routine house-to-house inspection in the Borough was suspended.

Housing Act, 1936.

The position in regard to the progress of programmes under this Act is exactly the same as that shown for the preceding year.

Where cases of over-crowding have occurred these have been referred to the Council's special Housing Department and satisfactorily dealt with.

SECTION 'D'

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

The following Tables set out the particulars of the incidence of notified diseases within the Borough during 1940, including their classifications in "age" and "ward" distribution.

A. - NOTIFIABLE DISEASES DURING THE YEAR.

Disease.	Total cases notified.	Cases admitted to Hospital.	Total Deaths.
Small-pox	-	-	-
Scarlet Fever	77	43	-
Diphtheria	17	17	-
Enteric Fever (including Paratyphoid)	1	-	-
Puerperal Pyrexia	4	3	-
Pneumonia	24	4*	1
Erysipelas	8	2	-
Dysentery	1	1	-
Malaria (induced for Therapeutic purposes)	1	1	-
Encephalitis Lethargica	1	1	1
Measles	67	2	-
Whooping Cough	2	-	-

B. - OPHTHALMIA NEONATORUM.

Cases notified.	Cases treated at Home.	Cases treated in Hospital.	Vision unimpaired.	Vision impaired.	Total Blindness.	Deaths
1	-	1	1	-	-	-

The Hospital accommodation available for the Borough, both for notifiable and non-notifiable infectious cases, is not only ample, but up-to-date in every way.

C. - AGES OF CASES OF INFECTIOUS DISEASES NOTIFIED DURING 1940

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED												
	At all Ages	AT AGES - YEARS											
		Under 1	1	2	3	4	5 and under 10	10 and under 15	15 and under 20	20 and under 35	35 and under 45	45 and under 65	65 and over
Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	77	-	5	3	8	5	25	14	1	11	4	1	-
Diphtheria	17	1	1	2	-	4	5	3	-	1	-	-	-
Enteric Fever (including Paratyphoid) ..	1	-	-	-	-	-	-	-	-	1	-	-	-
Puerperal Pyrexia	4	-	-	-	-	-	-	-	-	4	-	-	-
Pneumonia	24	-	-	1	-	-	-	1	-	3	3	8	8
Erysipelas	8	-	-	-	-	-	-	-	-	1	2	4	1
Dysentery	1	1	-	-	-	-	-	-	-	-	-	-	-
Malaria (induced for Therapeutic purposes)	1	-	-	-	-	-	-	-	-	-	1	-	-
Encephalitis Lethargica	1	-	-	-	-	-	-	-	1	-	-	-	-
Measles	67	2	6	1	5	6	33	6	5	3	-	-	-
Whooping Cough	2	-	-	2	-	-	-	-	-	-	-	-	-

D. - CASES OF INFECTIOUS DISEASES NOTIFIED DURING THE YEAR 1940,
CLASSIFIED IN WARDS.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED								
	Brentford East	Brentford Central	Brentford West	Bedford Park	Chiswick Park	Grove Park	Gunners- bury	Old Chiswick	Turnham Green
Scarlet Fever	3	20	12	2	9	11	7	6	7
Diphtheria	1	2	2	3	5	-	1	2	1
Enteric Fever (including Paratyphoid)	-	1	-	-	-	-	-	-	-
Puerperal Pyrexia	-	1	-	1	1	-	1	-	-
Pneumonia	3	8	3	-	1	2	3	4	-
Erysipelas	1	1	1	-	1	2	-	1	1
Ophthalmia Neonatorum	-	-	-	-	-	-	-	-	-
Dysentery	-	-	-	-	-	-	-	1	-
Tuberculosis: Respiratory	15	12	8	7	13	5	6	4	5
Non-Respiratory ...	1	3	3	-	1	1	2	2	1
Malaria (induced for Therapeutic purposes) ...	-	-	-	-	-	-	1	-	-
Encephalitis Lethargica	-	1	-	-	-	-	-	-	-
Measles	3	3	12	13	2	13	7	4	10
Whooping Cough	-	-	-	-	-	-	1	-	1

E. - TUBERCULOSIS

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year	-	-	-	2	-	-	-	1
1 to 5 years	2	1	1	-	-	-	-	1
5 to 15 years	2	1	2	3	-	-	-	1
15 to 25 years	13	8	2	1	2	1	-	2
25 to 35 years	11	10	1	1	5	1	-	1
35 to 45 years	5	4	-	-	5	3	-	1
45 to 55 years	6	1	-	-	3	1	1	-
55 to 65 years	7	1	1	-	5	2	1	-
65 and over	1	1	-	-	-	1	1	-
TOTALS	47	27	7	7	20	10	3	5

(b) Laboratory Work.

The following Table sets out a record of the bacteriological work during the year, all of which was carried out in the Council's Laboratory:-

Suspected Disease	Result		Totals
	Positive	Negative	
Diphtheria.....	15	209	224
Tuberculosis	6	128	134
Other Diseases	1	4	5

JOINT COMMITTEE FOR EDUCATION IN BRENTFORD AND CHISWICK.

ANNUAL REPORT
ON THE
MEDICAL INSPECTION OF
ELEMENTARY SCHOOL CHILDREN
FOR THE
YEAR ENDING 31st DECEMBER, 1940.

R.C. LEANING, M.B., B.S. (Lond.), M.R.C.S., L.R.C.P.,
D.P.H., R.C.S. (Eng.).

SCHOOL MEDICAL OFFICER.

17-1001
BOROUGH OF BRENTFORD AND CHISWICK.

EDUCATION ACT, 1921.

REPORT ON THE MEDICAL INSPECTION AND TREATMENT OF
ELEMENTARY SCHOOL CHILDREN FOR THE YEAR ENDING

31st December, 1940.

To the Chairman and Members of the Education Committee:

Ladies and Gentlemen,

The following brief interim report on the work of the
School Medical Service during the year 1940 is submitted
herewith:-

EDUCATION ACT, 1901.

REPORT ON THE MEDICAL INSPECTION AND TREATMENT OF
ELEMENTARY SCHOOL CHILDREN FOR THE YEAR ENDING

31st December, 1940.

To the Chairman and Members of the Education Committee.

Ladies and Gentlemen,

The following brief interim report on the work of the
School Medical Service during the year 1940 is submitted

herewith:-

SCHOOL MEDICAL REPORT.

1940.

MEDICAL INSPECTION.

As required by the Board of Education, the following inspections were made during the year:-

(a) Routine Inspections. - of the three code groups, Entrants, Intermediates (viz., those of about eight years of age who have just been, or are about to be, transferred from the infants' to a higher school), and a group who will be twelve years during the year. There is also a fourth group of children of other ages who have not been examined in one of the above groups.

This fourth group consists of:-

1. Children who were examined a few weeks before leaving school and the findings were entered on special forms for the information of the Juvenile Employment Committee.
2. Children who had not been attending school for some months after the outbreak of war were examined by the Medical Officers on their re-admission to school.

199 Entrants, 285 Intermediates, 324 third age group, and 561 others (1369 in all) were examined during the year.

(b) Special Inspections. These are special inspections made by the School Medical Officers of the children suffering from some special disease or disability and are generally seen at the Minor Ailment Clinic. The figure below does not include the inspections of special groups of cases, such as cripples or children suffering from mental deficiency, or those attending clinics other than the Minor Ailment Clinic, or school classes in which there have been cases of certain infectious diseases.

538 special inspections were made during the year.

(c) Re-inspections:-

512 re-inspections were made during the year.

FINDINGS OF MEDICAL INSPECTION.

The number of individual children found at Routine Inspections to require treatment (excluding uncleanliness and Dental Diseases) were:- Entrants - 25 ; Second Age Group - 76 ; Third Age Group - 62 ; and others - 101. Total - 264.

Uncleanliness.

8 cases were seen at Routine Inspection, and 18 at Special Inspection. Legal proceedings were taken in 1 case under the School Attendances Byelaws. During the year the nurses made 381 visits to the schools for personal hygiene inspections, an average of 16.6 visits per school. They made 22,223 examinations, viz., 19,190 inspections and 2,033 re-inspections. Defects were found in 1,401 instances, and the number of children found to be unclean was 358.

The distribution of these defective children was as follows:-

Brentford Area:-

Lionel Road - 31 ; St. John's - 32 ; St. George's - 15 ;
St. Paul's - 22 ; Ealing Road Junior - 19 ; Ealing Road Infants' - 4 ;
Canal Boat - 21 ; Senior Girls' - 6 ; Senior Boys' - 2 ; Clifden Road - 2.

Chiswick Area:-

Hogarth Schools: Infants' - 38 ; Junior Girls' - 26 ; Junior Boys' - 11.
 Belmont Schools: Infants' - 3 ; Juniors' - 4 ; Seniors' - 4.
 Strand Schools: Infants' - 25 ; Junior Mixed - 12 ; Senior Mixed - 16.
 Beverley Infants' - 47.
 Central Girls' - 17.
 Central Boys' - 1.

Minor Ailments:

The following ailments requiring treatment, classified under this heading, were found during the year.

	Routine Inspections	Special Inspections	Total
Skin (including Ringworm Scabies and Impetigo)	14	151	165
Minor Eye Defects (excluding Squint and defective vision).	10	11	21
Ear defects	4	9	13
Enlarged Cervical Glands	11	11	22
Other Nose and Throat	3	10	13

Tonsils and Adenoids.

During the year 182 cases were found - 154 at Routine and 28 at Special Inspections. Of these cases 82 (or 41%) required operative treatment, 30 being referred for Tonsils only, 7 for Adenoids only, and 45 for both Tonsils and Adenoids.

In addition 13 children were referred for other conditions of the Nose and Throat.

Skin Diseases.

165 cases of skin diseases were found during the year, of which 22 were suffering from contagious Impetigo.

There were 2 cases of Ringworm of the Scalp, and 4 of the Body. 49 cases of Scabies were seen. The remaining 88 were boils, etc.

External Eye Disease.

21 cases were seen during the year. At Routine Inspections there were 9 cases of Blepharitis and 2 at Special Inspections. There were 2 cases of Conjunctivitis at Special Inspections. The remainder consisted of Styes, etc.

Vision (including Squint).

140 cases of Defective Vision were seen at Routine Inspections and 7 were brought to the Minor Ailment Clinic. Of these, 95 were referred for treatment and 52 were kept under observation.

Of these above cases, 9 were suffering from squint. 4 were referred for treatment and 5 for observation.

Ear Diseases and Defective Hearing.

5 cases of Defective Hearing were seen. There were 8 cases of Otitis Media, 4 being found at Routine Inspections and 4 at Special Inspections.

Dental Defects.

At Routine Inspections 78 cases were found and at Special Inspections 7 cases were brought by parents.

Minor Ailments.

Inspection of special cases	414
Re-inspections of special cases	328
Number of individual children attending	2136
Number of attendances made	6352
Number of exclusion certificates issued	414
Number of re-admission certificates issued	310

Tonsils and Adenoids.

33 children were operated upon at the West Middlesex Hospital 10 received other forms of treatment.

Eye Clinic.

The attendances at the Eye Clinic were as follows:-

<u>Clinics held.</u>	<u>Attendances.</u>	<u>Retinoscopies.</u>	<u>Pre-scrip-tions.</u>	<u>Specs. Issued.</u>	<u>Repairs.</u>	<u>Others. (Reports)</u>
25	433	173	148	112	41	223

Rheumatism Clinic.

During the year 97 children (of whom 43 were new patients) made 356 attendances at the Rheumatism Clinic.

The hospital treatment obtained is shewn as follows:-

<u>Hospital.</u>	<u>Rheumatism.</u>	<u>Heart Disease.</u>	<u>Chorea.</u>
West Middlesex.	2	1	3
Richmond.	1	1	-
Totals	3	2	3

The Invalid Children's Aid Association obtained treatment at Convalescent Homes for the following cases:-

Santa Claus	Two cases of Chorea.
Banstead	One case of Chorea.
Sidmouth	One case of Chorea.
Herts	One case of Chorea.

Home visits by School Nurses.

Number of visits 719

Re-inspections.

Re-examinations of (a) children found to be defective at Routine Inspections and (b) children found to be defective at Special Inspections.

The total numbers of these examinations were 184 and 328 respectively viz. 512 in all.

BOARD OF EDUCATION.

MEDICAL INSPECTION AND TREATMENT RETURNS.

YEAR ENDED 31st DECEMBER, 1940.

TABLE I.

MEDICAL INSPECTIONS OF CHILDREN ATTENDING PUBLIC ELEMENTARY SCHOOLS

A. ROUTINE MEDICAL INSPECTIONS.

(1) No. of Inspections in the prescribed Groups:

Entrants..199.. Second Age Group..285.. Third Age Group..324..

Total 808

(2) No. of other Routine Inspections..561 GRAND TOTAL 1369

B. OTHER INSPECTIONS.

No. of Special Inspections and Re-inspections... .. 1050

TABLE 11

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

Age Groups.	Number of children inspected.	A.		B.		C.		D.	
		Excellent.		Normal.		Slightly Sub- normal.		Bad.	
		No.	%	No	%	No.	%	No.	%
Entrants	199	65	32.7	106	53.3	28	14.1	-	-
Second Age Group	285	115	40.4	127	44.6	42	14.7	1	0.4
Third Age Group	324	138	42.6	136	42.0	49	15.1	1	0.3
Other Routine Inspections	561	267	47.4	231	41.2	57	10.2	6	1.1
TOTAL	1369	585	42.7	600	43.8	176	12.8	8	0.6

TABLE 111.

GROUP I - TREATMENT OF MINOR AILMENTS.

Total number of Defects treated or under treatment during
the year under the Authority's Scheme... .. 223

GROUP II - TREATMENT OF DEFECTIVE VISION AND SQUINT.

	No. of Defects dealt with		
	Under the Authority's Scheme.	Otherwise.	Total.
Errors of Refraction	173	-	173
Other defect or disease of the eyes.	-	-	-
Total	173	-	173
	No. of Children for whom spectacles were		
	Under the Authority's Scheme.	Otherwise.	Total.
(a) Prescribed...	148	-	148
(b) Obtained ...	112	-	112

GROUP III - TREATMENT OF DEFECTS OF NOSE AND THROAT

NUMBER OF DEFECTS			
Received Operative Treatment		Received other forms of treatment	Total number treated
Under the Authority's Scheme, in Clinic or Hospital.	By Private Practitioner or Hospital, apart from the Authority's Scheme.		
-	33	10	43

TABLE IV

DENTAL INSPECTION AND TREATMENT

- (1) Number of children inspected by the Dentist
(a) Routine age-groups

Age	5	6	7	8	9	10	11	12	13	14	15	Total
Number	118	277	226	274	276	311	366	401	342	216	27	2834

(b) Specials... 626

(c) TOTAL (Routine and Specials)... 3460

(2) Number found to require treatment... 2693

(3) Number actually treated ... 1660

(4) Attendances made by children for treatment. ... 4111

(5) Half-days devoted to
Inspection ... 28
Treatment ... 574
Total ... 602

(6) Fillings:-

Permanent Teeth...	2751
Temporary Teeth...	526
Total.	<u>3277</u>

(7) Extractions:-

Permanent Teeth...	452
Temporary Teeth...	<u>1694</u>
Total.	<u>2146</u>

(8) Administrations of general anaesthetics for extractions... ..

941

(9) Other operations:-

Permanent Teeth...	364
Temporary Teeth...	<u>226</u>
Total.	<u>590</u>

TABLE V.VERMINOUS CONDITIONS.

(1) Average number of visits per school made during the year by the School Nurses... ..	16.6
(2) Total number of examinations of children in the Schools by School Nurses... ..	19190
(3) Number of individual children found unclean	358
(4) Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921.	89
(5) Number of cases in which legal proceedings were taken:-	
(a) Under the Education Act, 1921	-
(b) Under School Attendance Byelaws..	1

TABLE VI

	1. At a Public Elementary School.	2. At an institut -ion other than a Special School	3. At no school or institut- ion.	4. Total not receiving suitable education.
Blind children	-	-	-	-
Deaf children	-	-	-	-

MENTALLY DEFECTIVE CHILDREN

Total number of children notified during the year ended 31st December, 1940, by the Local Education Authority to the Local Mental Deficiency Authority, under the Mental Deficiency (Notification of Children) Regulations, 1928... .. 2

