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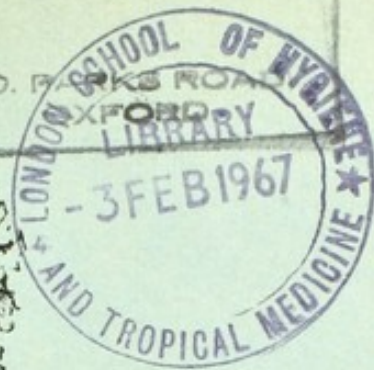


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INSTITUTE OF SOCIAL
MEDICINE
10. PARKS ROAD
OXFORD



County Borough of Halifax.

EDUCATION COMMITTEE.


Annual Report

ON THE

School Medical Service

FOR THE YEAR 1945.

HALIFAX :
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COUNTY BOROUGH OF HALIFAX

EDUCATION COMMITTEE.

Chief Education Officer : C. E. GENT. M.A.

STAFF OF THE SCHOOL MEDICAL SERVICE.

School Medical Officer :

George C. F. Roe, M.R.C.P., L.R.C.S., D.P.H., D.P.M.

Assistant School Medical Officer :

Francis W. Waterworth, M.B., Ch.B., D.P.H.

Part-time Assistant School Medical Officers :

Dorothy W. Heynemann, M.B., Ch.B. (Resigned 31/8/45).
F. Margaret Folley, M.B., Ch.B. (Appointed 24/9/45).

Part-time Ophthalmic Surgeon :

Robert W. Greateorex, M.B., Ch.B.

Part-time Orthopaedic Surgeon :

Francis W. Gorder, F.R.C.S. (Eng.) (Resigned 13/6/45).
Geoffrey Hyman, F.R.C.S. (Eng.) (Appointed 27/6/45).

Dental Surgeons :

Frank H. Richardson, L.D.S., R.C.S.
Thomas A. A. Eaves, L.D.S., R.C.S. (Joined H.M.F. 21/11/40).
Arthur T. Hanson, L.D.S., R.C.S.

Dental Attendant :

Audrey Bedford (Appointed 1/8/45).

Nursing Staff :

T. Constance Brown (Superintendent), Annie M. Emmott,
Ina J. G. Patton (Resigned 31/1/45), E. Winifred Birkhead,
Frances Sergeant, Blanche Bailey (Dental) (Resigned 31/8/45).
Eileen F. Simpson (Appointed 1/3/45, Resigned 31/7/45).
Lilian Snaith (Appointed 1/10/45).

Orthopaedic Staff :

Sophie Dudgeon (Supervisor & Organiser of Physical Training),
Doreen M. Foers, M. Roberta Davies, Rosa Enderby (Part-time)
Nora Chatterton (Appointed 1/4/45), Doreen Greenwood
(Junior Assistant).

Speech Therapist : Position vacant.

Orthoptist :

Margaret L. Harris (Joined H.M. Forces 22/2/44).

Clerical Staff :

Chief Clerk : Louis Trigg.
Assistants : Joan Longbottom, Frances M. Blakemore, Jessie
Grundy (Immunisation Service, part-time; School Medical
Service, part-time) (Joined W.L.A. 31/5/42), Mavis Coates
(Immunisation Service, part-time; School Medical Service,
part-time).

SCHOOL CLINICS

Name.	Purpose.	Where held.	Days.	Time. Hours.
Inspection	Examination of cases sent by Teachers, School Attendance Officers, etc.	Horton St.	Tuesdays Fridays	2-0 to 4-30 p.m. do.
Minor Ailments	Treatment of Minor Diseases of Skin, etc.	Horton St.	Daily	9-0 a.m. to 12-0 noon. 2-0 to 5-0 p.m.
		Bermerside Home	Daily	10-0 a.m. to 12-0 noon.
		Ovenden	Mondays to Fridays	9-0 a.m. to 12-0 noon
Dental	Dental Treatment	Horton St.	Daily	9-30 a.m. to 12-0 noon. 2-0 to 5-0 p.m.
Ophthalmic	Treatment of Visual Defects	Horton St.	Tuesdays Wednesdays Other days as required	10-0 a.m. to 12-0 noon do.
Speech Defects	Speech Training	Akroyd Place School	Mondays to Fridays	Closed pro tem.
Orthopædic		Horton St.	Wednesdays	2-30 to 4-30 p.m.
Tonsils and Adenoids	Treatment of Tonsils and Adenoids	General Hospital, Halifax	Mondays to Wednesdays	
Remedial Exercises	Treatment of Deformities	Horton St.	Daily	9-0 a.m. to 12-0 noon. 2-0 to 5-0 p.m.
		Bermerside	Tuesdays Thursdays	10-30 a.m. to 12-0 noon. 10-30 a.m. to 12-0 noon.
		Ovenden	Tuesdays Thursdays	2-0 to 5-0 p.m. 2-0 to 5-0 p.m.
X-Ray Treatment of Ringworm		Royal Halifax Infirmary	Tuesdays (When required)	2 p.m.
Employment of School Children	Examination as to fitness to follow part-time employment	Horton St.	Saturdays	9-30 a.m. to 12-0 noon.
Ultra Violet Ray Treatment	For treatment of Anæmia, Debility etc.	Northgate Infant Welfare Clinic	Mondays and Thursdays	10-45 a.m.
Immunisation against Diphtheria		School premises and Horton St.	Mondays	2-30 to 3-30 p.m.
Psychological Clinic	Child Guidance Cases	General Hospital, Halifax	Fridays	Closed pro tem.
Orthoptic Clinic	Cases of Squint	Haugh Shaw Senior School	Mondays Wednesdays Thursdays Saturdays	Closed pro tem.

STATISTICAL TABLES

TABLE I.

MEDICAL INSPECTIONS OF PUPILS ATTENDING
MAINTAINED PRIMARY AND SECONDARY SCHOOLS
YEAR ENDED 31st DECEMBER, 1945.

A.—Routine Medical Inspections.

(1) No. of Inspections :

Entrants	...	...	...	1,572
Second Age Group	...	...	...	1,181
Third Age Group	...	...	...	2,257

Total ... 5,010

(2) Number of other Routine Inspections

Grand Total ... 5,010

B.—Other Inspections.

Number of Special Inspections and Re-Inspections	3,661
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TABLE II.

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

Age—Groups	No. of Pupils Inspected	A		B		C		D	
		Excellent		Normal		Slightly Subnormal		Bad	
		No.	%	No.	%	No.	%	No.	%
Entrants	1572	67	4.3	1463	93.0	42	2.7	—	—
Second Age-group	1181	28	2.4	1132	95.8	21	1.8	—	—
Third Age-group	2257	195	8.6	2022	89.7	36	1.6	4	.1
Other Routine Inspections	—	—	—	—	—	—	—	—	—
Total	5010	290	5.8	4617	92.2	99	1.9	4	.1

TABLE III.

Group I.—TREATMENT OF MINOR AILMENTS
(excluding uncleanness, for which see Table V.)

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

Minor Ear defects	...	...	320
Minor Eye defects	...	...	400
Skin—Ringworm—Scalp	...	...	6
Body	...	...	5
Scabies	...	...	403
Impetigo	...	...	553
Other Skin Diseases	...	...	398
Miscellaneous	...	...	6156

8241

Group II. Treatment of Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments—Group I).

	Under the Authority's Scheme
Errors of Refraction (including Squint)	446
Other Defect or Disease of the Eyes (excluding those recorded in Group I)	47
Total ...	493
No. of Pupils for whom Spectacles were: (a) Prescribed	438
(b) Obtained	* 450

* Includes alterations to lenses and spectacles replaced without further refraction.

Group III. Treatment of Defects of Nose and Throat.

Received Operative Treatment: (1) Under the Authority's Scheme, in Clinic or Hospital	190
(2) Received other form of Treatment	478
Total number treated ...	668

**TABLE IV.
DENTAL INSPECTION AND TREATMENT.**

(1) Number of Pupils Inspected by the Dentist—

(a) Routine Age Groups:

Age	2	3	4	5	6	7	8	9	10	11	12	13	14 & over	Total
Number	42	124	284	1478	1342	1326	1265	1062	1063	313	375	904	636	11,219

(b) Specials 1,378

(c) Total (Routine and Specials) 12,597

(1a) Number of Re-inspections 6,257

(2) Number found to require treatment 6,709

(3) Number actually treated 5,490

(4) Attendances made by Pupils for Treatment 7,042

(5) Half-days devoted to: Inspection 177

Treatment 722

Total 899

(6) Fillings: Permanent Teeth 2,877

Temporary Teeth 102

Total 2,979

(7) Extractions: Permanent Teeth 854

Temporary Teeth 5,810

Total 6,664

(8) Administrations of General Anaesthetics for Extrac-
tions 21

(9) Other Operations: Permanent Teeth 808

Temporary Teeth 93

Total 901

TABLE V.
VERMINOUS CONDITIONS.

(I)	Average number of visits per School made during the year by the School Nurses	...	...	...	7
(II)	Total number of examinations of pupils in the Schools by School Nurses	...	...	...	37,045
(III)	Number of individual pupils found unclean	...	...	...	1,563
(IV)	Number of individual pupils cleansed	...	...	...	338
(V)	Number of cases in which legal proceedings were taken	...	...	...	—

TABLE VI.
Blind and Deaf Pupils.

	(1) At a Maintained Primary or Secondary School	(2) At an Institution other than a Special School	(3) At no School or Institution.	(4) Total not receiving suitable education.
Blind Pupils	—	—	—	—
Deaf Pupils	—	—	—	—

TABLE VII.

PROPORTION OF VACCINATED PUPILS AMONGST THOSE
EXAMINED IN ROUTINE DURING THE PERIOD 1935 to 1946.

Year.		Routine Examinations.	Number showing Vaccination Scars.	Percentage Un-vaccinated.
1935	(a) Boys	1,840	323	82.4
	(b) Girls	2,050	383	81.3
1936	(a) Boys	1,587	317	80.0
	(b) Girls	1,646	279	83.0
1937	(a) Boys	1,862	301	83.8
	(b) Girls	1,779	262	85.3
1938	(a) Boys	1,906	158	91.7
	(b) Girls	2,010	307	84.7
1939	(a) Boys	1,416	186	86.8
	(b) Girls	1,470	175	88.1
1940	(a) Boys	1,488	244	83.6
	(b) Girls	1,531	230	84.9
1941	(a) Boys	1,573	301	82.0
	(b) Girls	1,663	296	82.2
1942	(a) Boys	1,534	216	85.9
	(b) Girls	1,665	314	81.1
1943	(a) Boys	1,704	178	89.6
	(b) Girls	1,771	221	87.5
1944	(a) Boys	1,723	247	85.7
	(b) Girls	1,737	211	87.9
* 1945	(a) Boys	2,666	407	84.7
	(b) Girls	2,344	391	83.3

* Includes Secondary.

TABLE VIII.

AVERAGE HEIGHTS AND WEIGHTS OF PUPILS SEEN
AT ROUTINE INSPECTIONS IN THE PRIMARY AND
SECONDARY SCHOOLS.

BOYS					GIRLS				
Age		Height in Cms.		Weight in Kilos.	Age		Height in Cms.		Weight in Kilos.
2	...	93.3	...	14.7	2	...	88.6	...	13.8
3	...	94.7	...	14.9	3	...	95.3	...	14.9
4	...	104.2	...	17.9	4	...	104.8	...	17.5
5	...	109.4	...	19.5	5	...	109.1	...	19.1
6	...	114.2	...	21.7	6	...	112.7	...	19.9
7	...	121.2	...	34.4	7	...	121.6	...	24.1
8	...	126.1	...	25.9	8	...	125.3	...	25.6
9	...	130.2	...	28.9	9	...	130.1	...	25.9
10	...	138.1	...	31.9	10	...	138.5	...	33.7
11	...	142.6	...	34.3	11	...	141.8	...	34.4
12	...	143.3	...	36.5	12	...	145.9	...	38.3
13	...	148.2	...	39.4	13	...	151.8	...	42.3
14	...	157.5	...	44.7	14	...	156.6	...	46.0
15	...	—	...	—	15	...	162.5	...	51.5

TABLE IX.
AVERAGE HEIGHTS AND WEIGHTS OF PUPILS SEEN AT
ROUTINE INSPECTIONS
IN THE SECONDARY (GRAMMAR) SCHOOLS.

BOYS					GIRLS				
Age		Height in Cms.		Weight in Kilos	Age		Height in Cms.		Weight in Kilos
4	...	110.1	...	19.0	4	...	104.8	...	17.5
5	...	119.9	...	22.4	5	...	113.8	...	20.9
6	...	119.0	...	23.3	6	...	117.3	...	22.2
7	...	133.0	...	30.0	7	...	124.7	...	25.9
8	...	129.6	...	28.2	8	...	133.3	...	31.2
9	...	136.7	...	30.8	9	...	135.2	...	28.7
10	...	140.7	...	32.9	10	...	136.8	...	32.6
11	...	142.4	...	34.3	11	...	142.7	...	33.1
12	...	149.6	...	38.8	12	...	149.4	...	39.1
13	...	157.6	...	43.4	13	...	151.7	...	42.2
14	...	163.1	...	48.7	14	...	158.7	...	48.4
15	...	172.1	...	56.5	15	...	156.7	...	51.1
16	...	173.7	...	60.4	16	...	163.9	...	51.5
17	...	174.8	...	63.6	17	...	156.2	...	59.4
18 (2)	...	175.0	...	67.8	18 (2)	...	166.3	...	51.1

TABLE X.
INVESTIGATION OF INFECTIOUS AND CONTAGIOUS
DISEASES.

School	Disease	Visits Paid	Classes Inspected	Examin't's of Pupils.
Akroyd Place	D.	3	3	87
" "	R.	1	2	65
Battinson Road	C.P.	1	2	61
" "	D.	2	2	39
Boothtown	D.	1	2	45
Haugh Shaw	D.	1	1	30
Lee Mount	Sc.	1	1	60
" "	D.	1	1	46
Moorside	D.	1	1	45
Parkinson Lane	R.	1	4	183
" "	D.	1	1	33
Pellon Lane	D.	2	1	39
Salterhebble	D.	1	1	12
Siddal	S.F.	1	1	29
"	D.	1	1	35
Sunnyside	D.	1	1	29
Christ Church	D.	2	4	129
Parish Church	D.	1	1	35
Trinity	D.	1	2	42
"	Mps.	1	2	42
Bermerside O.A.	D.	2	8	157
" "	S.F.	1	3	87
Quarry House	D.	1	4	86
Totals		29	49	1416

S.F.—Scarlet Fever.

D.—Diphtheria.

M.—Measles.

S.P.—Small Pox.

C.P.—Chicken Pox

R.—Ringworm.

C.J.S.—Conjunctivitis.

Sc.—Scabies.

Wh.C.—Whooping Cough.

Mps.—Mumps.

TABLE XI.

WORK OF THE SCHOOL HEALTH NURSING STAFF.

1.	Half-days on which nurses assisted at School Medical Inspection	...	...	...	...	...	296
2.	Half-days on which nurses assisted at—						
	(a) Minor Ailments' Clinic	...	...	...	...	...	507
	(b) Inspection Clinic	...	...	...	...	...	128
3.	Half-days devoted to head surveys	...	...	...	...	...	334
	Total examinations of pupils	...	...	...	...	...	37,045
	Pupils found with verminous or nitty heads	...	...	...	...	...	1,563
	Pupils respecting whom cleansing notices were sent	...	...	...	...	...	1,016
4.	Half-days on which sulphur baths were given	...	...	...	...	...	128
	Pupils dealt with	...	...	...	...	...	812
5.	Half-days devoted to "following up"	...	...	...	...	...	118
	Homes visited	...	...	...	...	...	634
	Individual pupils concerned	...	...	...	...	...	523
6.	Half-days devoted to investigating infectious diseases	...	...	...	...	...	26
	Swabs taken from throats and submitted for examination	...	...	...	...	...	177
	Classes examined in the course of investigating cases of infectious nature in the schools	...	...	...	...	...	29

TABLE XII.
PROVISION OF MEALS.

Dinners supplied :

Primary and Secondary Schools	...	...	...	695,600
Special Schools	...	...	...	40,000
Westfield	...	...	...	6,355

Teas supplied :

Play Centre (one only)	...	...	...	2,600
War-time Nursery Classes	...	...	...	17,020
Portions of Milk consumed on School Premises	...	...	...	1,405,233

TABLE XIII.
PAYMENTS BY PARENTS,
YEAR ENDED 31st MARCH, 1945.

Medical	...	...	...	...	...	...	32	13	4
Dental	...	...	...	...	...	...	133	6	3
Orthopædic (Remedial Exercises)	...	...	...	...	...	...	55	15	0
Orthopædic (Institutional and Appliances)	...	...	...	...	...	...	18	12	6
Spectacles	...	...	...	...	...	...	186	17	3
T. and A. Operative Treatment	...	...	...	...	...	...	32	19	9
							£460	4	1

TABLE XIV.
EDUCATIONALLY SUB-NORMAL PUPILS.

	Boys	Girls	Total
Pupils examined	21	14	35
„ to go to Quarry House	15	10	25
„ to remain at ordinary schools	—	3	3
„ to go to a Residential Special School for M.D. Children	2	1	3
„ to be referred to the Local Authority	3	—	3
„ to be re-examined	1	—	1

TABLE XV.
OPHTHALMIC TREATMENT.

Classification of Errors of Refraction—Primary and Secondary.

	Hyper- metropia	Myopia	Hyper- metropia with Astigma- tism	Myopia with Astigma- tism	Mixed Astigma- tism	Anio- metro- pia	Total
Boys	92	21	116	12	8	3	252
Girls	61	21	84	14	12	2	194
Total ...	153	42	200	26	20	5	446

	Boys	Girls	Total
Pupils who attended the Eye Clinic ...	281	212	493
Pupils for whom glasses were prescribed :—			
Primary	178	134	312
Secondary	63	49	112
Special	8	6	14
Pupils who obtained glasses—Primary ...	207	158	365
or new lenses or repairs —Secondary ...	153	82	235
—Special ...	17	9	26
Pupils for whom glasses were not advised	27	22	49
Suffering from Corneal Opacities	1	—	1
" Nystagmus	1	—	1
" Ptosis	1	—	1
" Lenticular Opacities	1	—	1
" Severe Myopia	1	—	1
" Congenital Coloboma of Choroid and Iris	—	—	—
" Squint	8	12	20
" Fundal changes	1	—	1

TABLE XVI.
ORTHOPTIC TREATMENT.

(Clinic closed pro tem.)

TABLE XVII.
ORTHOPAEDIC TREATMENT.

	School Health Service	M. and C.W.C.	Total
Surgeon's attendances	26	11	37
New Cases examined	161	110	271
Re-Examinations	315	107	422
Pupils under treatment on Jan. 1st, 1945	479	417	896
New cases admitted for treatment 1945	377	155	532
Discharged, etc. during year	98	49	147
Cases remaining under treatment on December 31st, 1945	758	523	1281
	School Age	Under School Age	Total
Attendances for examination	476	217	693
Attendances for remedial exercises	11251	4376	15627

Cases treated :—

	No. of Cases	Attendances
Maternity and Child Welfare	572	4376
School Clinic	656	7794
Modern School	28	896
Bermerside School	46	1054
Quarry House School	35	172
Princess Mary High School	47	1244
Technical College	44	91
	<hr/> 1428	<hr/> 15627

Waiting list, December 31st, 1944 19

" " December 31st, 1945 21

71 cases have been provisionally discharged to report progress at a later date.

Allocation of Hours.

School Clinic and Ovenden Clinic	...	...	...	...	...	...	2101
Visits to Schools	...	...	...	...	...	...	123 $\frac{1}{2}$
M. and C. W. Clinic	...	...	...	...	...	...	937 $\frac{3}{4}$
Bermerside School	...	...	...	...	...	...	104
Quarry House School	...	...	...	...	...	...	33 $\frac{3}{4}$
Modern School	...	...	...	...	...	...	28
Princess Mary High School	...	...	...	...	...	...	67 $\frac{3}{4}$
Technical College	...	...	...	...	...	...	21
Swimming Class	...	...	...	...	...	...	109
							<hr/> 3,525 $\frac{3}{4}$ <hr/>
Follow-up: No. of homes visited	...	...	...	...	...	...	202
Time occupied	...	...	...	...	...	(hrs.)	198 $\frac{1}{4}$

Halifax General Hospital.

Recommended for operative treatment	...	...	...	...	...	...	10
Admitted to hospital	...	...	...	...	...	...	8
Refused operative treatment	...	...	...	...	...	...	—
Left the town	...	...	...	...	...	...	—
Deferred treatment	...	...	...	...	...	...	—
Received treatment privately	...	...	...	...	...	...	—
On waiting list	...	...	...	...	...	...	2

TABLE XVIII.
SWIMMING STATISTICS.

	1941			1942			1943			1944			1945		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
No. of pupils who learnt to swim during season	497	430	977	370	449	819	474	381	855	413	318	731	292	309	601
No. of pupils able to swim	1336	1442	2778	1030	1307	2337	1126	1175	2301	1033	958	1991	884	809	1693
No. of pupils who left school (14 x) without gaining Elementary Certificates	70	64	134	51	55	106	55	42	97	66	63	129	50	73	123
Elementary Certificates	351	308	659	316	345	661	273	312	585	256	227	483	180	211	391
Advanced do.	121	152	273	160	185	345	138	172	310	81	101	182	65	67	132
Honours do.	68	75	143	134	139	273	117	93	210	53	57	110	38	32	70

TABLE XIX.
SPEECH THERAPY.
(Clinic closed pro tem.)

