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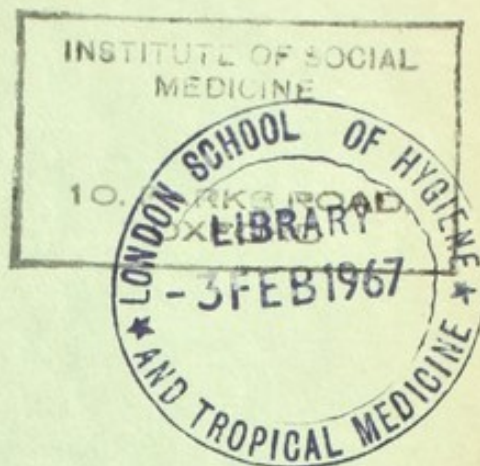
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COUNTY BOROUGH OF HALIFAX.

EDUCATION COMMITTEE.

ANNUAL REPORT

ON THE

SCHOOL MEDICAL SERVICE

FOR THE YEAR 1941.



Halifax.

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COUNTY BOROUGH OF HALIFAX. OF SOCIAL EDUCATION COMMITTEE. MEDICINE

Chief Education Officer: W. O. BELL, B.A.
PARKS ROAD,
OXFORD

Staff of the School Medical Service.

School Medical Officer:

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

Assistant School Medical Officer:

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

Part-time Assistant School Medical Officer:

Dorothy W. Heynemann, M.B., Ch.B.

Part-time Ophthalmic Surgeon:

R. W. Greatorex, M.B., Ch.B.

Part-time Orthopædic Surgeon:

F. W. Goyder, F.R.C.S., (Eng).

Dental Surgeons:

F. H. Richardson, L.D.S., R.C.S.
†T. A. A. Eaves, L.D.S., R.C.S.
††A. T. Hanson, L.D.S., R.C.S.

Nursing Staff:

T. Constance Brown (Superintendent)
Annie M. Emmott
Ina J. G. Patton
E. Winifred Birkhead
Frances Sergeant
Blanche Bailey (Dental)

Orthopædic Staff:

Sophie Dudgeon (Supervisor and Organiser
of Physical Training)
Edith F. M. Smith
*Joanne B. Wells
Rosa Enderby (Part-time)

Speech Training:

Margery A. Sharpe (Part-time)

Orthoptist.

Margaret L. Harris.

Clerical Staff:

Chief Clerk	Louis Trigg
Assistants	Joan Longbottom
	Frances M. Blakemore
	Jessie Grundy (Immunisation Service, part-time; School Medical Service, part-time).

†Joined H.M. Forces 21/11/1940. ††Commenced duties 21/4/1941.

*Resigned 31/12/1941.

SCHOOL CLINICS.

Name.	Purpose.	Where held.	Days.	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. Bermerside Home. Ovenden	Daily Daily Mondays to Fridays	9-0 a.m. to 12-0 noon. 2-0 to 5-0 p.m. 10-0 a.m. to 12-0 noon. 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 classes	Akroyd Place School	Mondays Thursdays	9-45 to 11-45 a.m. 2-0 to 4-0 p.m. 9-45 to 11-45 a.m. 1-30 to 2-10 p.m.
Orthopædic		Horton St.	Wednesdays	2-0 to 4-0 p.m.
Tonsils and Adenoids	Treatment of Tonsils and Adenoids	General Hospital Halifax	Mondays to Wednesdays	
Remedial Exercises	Treatment of Deformities	Horton St. Quarry House Bermerside Ovenden	Daily Mondays Tuesdays Wednesdays Thursdays Fridays Tuesdays Thursdays	9-0 a.m. to 12-0 noon. 2-0 to 5-0 p.m. 10-0 a.m. to 12-0 noon. 10-0 a.m. to 12-0 noon. 10-0 a.m. to 12-0 noon. 10-0 a.m. to 12-0 noon. 10-0 a.m. to 12-0 noon. 3-0 to 3-30 p.m. 2-0 to 3-0 p.m.
X-Ray Treatment of Ringworm		Royal Halifax Infirmery	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,	Fridays	10-0 a.m. to 12-0 noon. (by appointment).
Orthoptic Clinic	Cases of Squint	Haugh Shaw Senior School	Mondays Wednesdays Thursdays Saturdays	9-0 a.m. to 12-0 noon. 2-0 to 5-0 p.m. 9-0 a.m. to 12-0 noon. 2-0 to 5-0 p.m. 9-0 a.m. to 12-0 noon. 2-0 to 5-0 p.m. 9-0 a.m. to 12-0 noon.

STATISTICAL TABLES.

TABLE I.

MEDICAL INSPECTION OF CHILDREN ATTENDING PUBLIC ELEMENTARY SCHOOLS YEAR ENDED 31st DECEMBER, 1941.

A.—Routine Medical Inspections.

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

Entrants	.....	.....	.....	1240
Second Age Group	.....	.....	.....	1276
Third Age Group	.....	.....	.....	820
Total	.....	.....	.....	3336

(2) Number of other Routine Inspections —

Grand Total	3336
-------------	-------	------

B.—Other Inspections.

Number of Special Inspections and Re-Inspections	7762
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TABLE II.

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

Age—Groups	Number of Children Inspected	A (Excellent)		B (Normal)		C (Slightly Sub- normal)		D (Bad)	
		No.	%	No.	%	No.	%	No.	%
Entrants	1240	72	5.8	1123	90.6	45	3.6	—	—
Second Age-Group	1276	48	3.7	1174	92.0	53	4.2	1	.1
Third Age-group	820	71	8.6	737	89.9	12	1.5	—	—
Other Routine Inspections...	—	—	—	—	—	—	—	—	—
Total...	3336	191	5.7	3034	90.9	110	3.3	1	.03

TABLE III.

Group 1.—TREATMENT OF MINOR AILMENTS (excluding uncleanliness, for which see Table V.).

Number of Defects treated or under treatment during the year under
the Authority's Scheme:—

Minor Ear defects	...	...	...	...	222
Minor Eye defects	...	...	...	...	275
Skin—Ringworm—Scalp	...	...	...	...	1
Body	...	...	...	...	3
Scabies	...	...	...	...	599
Impetigo	...	...	...	...	404
Other Skin Diseases	...	...	...	...	358
Miscellaneous	...	...	...	...	4102
					5964

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

	Number of Defects Dealt with		
	Under the Authority's Scheme	Otherwise	Total
Errors of Refraction (including Squint)	457	5	462
Other Defect or Disease of the Eyes (excluding those recorded in Group I)	115	2	117
Total ...	572	7	579
No. of Children for whom Spectacles were:			
(a) Prescribed	456	5	461
(b) Obtained	*524	5	529

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

Group III. Treatment of Defects of Nose and Throat.

Number of Defects.

Received Operative Treatment		(3) Received other forms of Treatment	(4) Total number treated
(1) Under the Authority's Scheme, in Clinic or Hospital	(2) By Private Practitioner or Hospital apart from the Authority's Scheme		
302	6	299	607

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

(1) Number of Children Inspected by the Dentist—
(a) **Routine Age Groups—**

Age	3	4	5	6	7	8	9	10	11	12	13	14 & over	Total
Number	32	161	925	917	902	936	959	954	910	755	741	156	8348

(b) **Specials** 1632

(c) **Total (Routine and Specials)** 9980

(2) Number found to require treatment 8246

(3) Number actually treated 5516

(4) Attendances made by Children for Treatment 6649

(5) Half-days devoted to:—

Inspection 95

Treatment 603

Total 698

(6) Fillings:—

Permanent Teeth 1875

Temporary Teeth 38

Total 1913

(7) **Extractions:—**

Permanent Teeth 1891

Temporary Teeth 7847

Total 9738

(8) Administrations of General Anæsthetics for Extractions 17

(9) **Other Operations:—**

Permanent Teeth 312

Temporary Teeth 68

Total 380

TABLE V.**VERMINOUS CONDITIONS.**

(I) Average number of visits per School made during year by the School Nurses	7
(II) Total number of examinations of children in the Schools by School Nurses	42236
(III) Number of individual children found unclean	1556
(IV) Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921	283
(V) Number of cases in which legal proceedings were taken :	
(a) Under the Education Act, 1921	—
(b) Under School Attendance Bye-laws	—

TABLE VI.**Blind and Deaf Children.**

	(1) At a Public Elementary School.	(2) At an Institution other than a Special School.	(3) At no School or Institution.	(4) Total not receiving suitable education.
Blind Children.....	—	—	—	—
Deaf Children	—	—	—	—

MENTALLY DEFECTIVE CHILDREN.

Total number of children notified during the year ended 31st December, 1941, by the Local Education Authority to the Local Mental Deficiency Authority, under the Mental Deficiency (Notification of Children) Regulations, 1928	7
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TABLE VII.

PROPORTION OF VACCINATED CHILDREN AMONGST THOSE
EXAMINED IN ROUTINE DURING THE PERIOD 1931 TO 1941
ELEMENTARY SCHOOLS.

Year	Routine Examinations		Number showing Vaccination Scars.	Percentage Un-vaccinated.
1931	(a) Boys	1629	376	76.9
	(b) Girls	1700	405	76.1
1932	(a) Boys	1931	460	76.1
	(b) Girls	1937	470	75.7
1933	(a) Boys	1874	415	77.8
	(b) Girls	1783	396	77.8
1934	(a) Boys	1789	418	76.6
	(b) Girls	1734	351	79.8
1935	(a) Girls	1840	323	82.4
	(b) Girls	2050	383	81.3
1936	(a) Boys	1587	317	80.0
	(b) Girls	1646	279	83.0
1937	(a) Boys	1862	301	83.8
	(b) Girls	1779	262	85.3
1938	(a) Boys	1906	158	91.7
	(b) Girls	2010	307	84.7
1939	(a) Boys	1416	186	86.8
	(b) Girls	1470	175	88.1
1940	(a) Boys	1488	244	83.6
	(b) Girls	1531	230	84.9
1941	(a) Boys	1673	301	82.0
	(b) Girls	1663	296	82.2

TABLE VIII.

**AVERAGE HEIGHTS AND WEIGHTS OF CHILDREN
SEEN AT ROUTINE INSPECTIONS IN THE
ELEMENTARY SCHOOLS.**

BOYS.			GIRLS.		
Age.	Height in Cmc.	Weight in Kilos.	Age.	Height in Cmc.	Weight in Kilos.
3	94.6	15.4	3	96.1	15.1
4	105.2	17.5	4	101.5	16.4
5	109.5	18.7	5	108.1	17.9
6	113.7	20.2	6	113.0	19.9
7	122.3	23.9	7	118.8	21.7
8	124.3	25.0	8	124.3	24.3
9	130.7	27.4	9	127.7	26.6
10	134.6	30.7	10	135.7	32.9
11	139.2	34.9	11	140.0	33.1
12	141.9	36.0	12	144.3	37.4
13	146.9	40.3	13	153.3	44.3
14	159.8	47.6	14	160.1	49.2
15	159.3	47.1	15	—	—

TABLE IX.
RETURN OF MEDICAL INSPECTIONS IN THE
SECONDARY SCHOOLS, 1941.

(a). **Routine Medical Inspections.**

Number of Pupils Examined:—

Age	Heath (Boys).	Junior Tech- nical (Boys).	High		Crossley and Porter		Total
			(Boys).	(Girls).	(Boys).	(Girls).	
4	—	—	—	—	—	—	—
5	—	—	4	3	—	—	7
6	—	—	2	6	—	—	8
7	—	—	1	14	—	2	17
8	18	—	—	6	6	13	43
9	7	—	—	13	4	12	36
10	16	—	—	10	6	28	60
11	17	—	—	26	50	64	157
12	56	3	—	45	46	63	213
13	56	98	—	68	33	44	299
14	58	119	—	60	34	44	315
15	42	19	—	48	31	27	167
16	27	1	—	23	13	19	83
17	5	—	—	8	3	7	23
18	2	—	—	1	1	—	4
Total	304	240	7	331	227	323	1432

(b). **Other Inspections.**

Number of Special Inspections	—
Number of Re-inspections	210
Total	210

(c). **Pupils found to Require Treatment**

Defective Vision (Excluding Squint)	75
Other Conditions (Excluding Defects of Nutrition, Uncleanliness and Dental Diseases)	391

TABLE X.

DENTAL DEFECTS IN THE SECONDARY AND SPECIAL SCHOOLS.

(1) Number of Children who were Inspected by the Dentist—

					Secondary and Technical Schools.	Special Schools.
(a)	Routine	Age	Groups	... ..	882	185
(b)	Specials	...	...	...	49	24
Grand Total					931	209
(2)	Found to require treatment				574	162
(3)	Actually treated				285	126
(4)	Attendances made by Children for treatment				586	136
(5)	Half-days devoted to Inspection				9	2
	" " Treatment				53	12
					— 62	— 14
(6)	Fillings—Permanent Teeth				1404	19
	Temporary Teeth				2	—
					—1406	— 19
(7)	Extractions—Permanent Teeth				149	65
	Temporary Teeth				36	189
					— 185	—254
(8)	Administrations of general anæsthetics for extractions				—	—
(9)	Other Operations—Permanent Teeth				87	3
	Temporary Teeth				1	1
					— 88	— 4

TABLE XI.

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

BOYS.			GIRLS.		
Age	Height in Cms.	Weight in Kilos.	Age	Height in Cms.	Weight in Kilos.
5	115.2	21.4	5	116.5	21.6
6	119.3	22.9	6	120.8	23.4
7	—	—	7	123.3	24.4
8	130.4	27.2	8	125.5	24.7
9	134.4	25.0	9	132.9	29.0
10	136.4	30.6	10	139.5	30.9
11	146.6	38.6	11	145.2	33.9
12	142.3	36.2	12	153.9	43.5
13	155.1	42.7	13	154.9	45.9
14	161.4	47.1	14	160.9	49.7
15	169.7	51.6	15	161.6	50.7
16	177.6	60.3	16	163.6	54.6
17	150.5	64.4	17	160.8	56.5
18	171.5	67.2	18	163.4	50.4

TABLE XII.
INVESTIGATION OF INFECTIOUS AND CONTAGIOUS
DISEASES.

School	Disease	Number of Visits Paid	Number of Classes Inspected	Number of Children Examined
Akroyd Place	D.	10	10	305
" "	Sc.	4	12	375
" "	R.	1	3	94
Battinson Road	D.	5	12	230
" "	Sc.	10	27	945
Boothtown	D.	1	2	45
Caddy Field	D.	1	2	46
Copley	D.	1	2	96
" "	Sc.	2	4	174
Haugh Shaw	D.	1	1	54
" "	Sc.	1	2	71
Lee Mount	D.	12	15	497
" "	Sc.	4	16	488
Moorside	D.	4	4	152
Ovenden	D.	6	10	274
Parkinson Lane	D.	5	7	258
Pellon Lane	D.	3	1	7
" "	Sc.	3	7	298
" "	C.P.	1	1	32
Queen's Road	D.	1	1	43
Salterhebble	D.	1	3	85
Siddal	D.	3	3	128
Sunnyside	D.	1	1	36
" "	Sc.	6	26	966
Wainstalls	D.	1	1	2
Warley Road	D.	2	2	76
" "	Sc.	1	4	15
Warley Town	Sc.	1	1	42
Modern	D.	4	4	178
Bermerside	D.	5	19	423
" "	R.	1	3	75
Quarry House	D.	1	3	25
Christ Church	D.	3	8	296
" "	Sc.	2	6	280
Parish Church	D.	1	2	39
" "	C.P.	2	4	46
Trinity	D.	6	7	234
" "	Sc.	5	22	932
St. Augustine's	D.	5	6	169
St. Joseph's	D.	7	7	255
St. Mary's	D.	4	9	279
		138	280	9015

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 XIII.

WORK OF THE SCHOOL MEDICAL NURSING STAFF.

1. Half-days on which nurses assisted at School	
Medical Inspection	320
2. Half-days on which nurses assisted at—	
(a) Minor Ailments' Clinic	525
(b) Inspection Clinic	166
3. Half-days devoted to head surveys	262
Total examinations of children	42236
Children found with verminous or 'nitty heads	1513
Children respecting whom cleansing notices were sent	1144
4. Half-days on which sulphur baths were given	139
Children dealt with	599
5. Half-days devoted to "following-up"	176
Homes visited	1123
Individual children concerned	1246
6. Half-days devoted to investigating infectious diseases	97
Swabs taken from throats and submitted for exam- ination	492
Suspicious cases of scarlet fever referred to the Inspection Clinic	—
Classes examined in the course of investigating cases of infectious nature in the schools	272

TABLE XIV.

PROVISION OF MEALS.

Children who attended the School Canteens:—

Elementary Schools	1119
Special Schools	215
Westfield Children's Home	31
Crossley and Porter Schools	120

Dinners supplied:—

Elementary Schools	140,119
Special Schools	34,008
Westfield Children's Home	7,269
Crossley and Porter Schools	1,288

Portions of Milk consumed on School premises 1,219,893

TABLE XV.

PAYMENTS BY PARENTS

YEAR ENDED 31st MARCH, 1941.

	£	s.	d.
Medical	31	5	10
Dental	148	17	5
Orthopædic (Remedial Exercises)	38	0	0
Orthopædic (Institutional and Appliances)	3	16	0
Spectacles	151	8	10
T. and A. Operative Treatment	22	1	3
	<u>£395</u>	<u>9</u>	<u>4</u>

TABLE XVI.

RETARDED CHILDREN.

	Boys	Girls	Total
Children examined	33	18	51
„ sent to Quarry House	26	12	38
„ returned to ordinary school	3	2	5
„ sent to residential school for M.D. Children	4	1	5
„ referred to the Local Authority	—	3	3

TABLE XVII.

OPHTHALMIC TREATMENT.

Classification of Errors of Refraction—Elementary and Higher.

	Hyper- metropia	Myopia	Hyper- metropia with Astigma- tism	Myopia with Astigma- tism	Mixed Astigma- tism	Aniso- metro- pia	Total
Boys	75	29	96	24	17	4	245
Girls	56	26	120	20	25	5	252
Total	131	55	216	44	42	9	497

	Boys	Girls	Total
Children who attended the Eye Clinic	299	313	612
Children for whom glasses were pre- scribed:—			
Elementary	217	239	456
Higher	20	7	27
Special	7	6	13
Children who obtained glasses—Ely.	339	290	629
or new lenses or repairs —Higher	33	22	55
—Special	14	15	29
Children for whom glasses were not advised	55	61	116
Suffering from Corneal Opacities	1	1	2
" Nystagmus	1	—	1
" Ptosis	1	—	1
" Lenticular Opacities	—	1	1
" Severe Myopia	3	—	3
" Congenital Coloboma of Choroid and Iris	2	1	3
" Squint	23	15	38
" Fundal changes.....	—	2	2

TABLE XVIII.

ORTHOPTIC TREATMENT.

Children attended during the year	81
Attendances for Binocular Training	1232
Attendances for Occlusion	524
New Cases examined	26
Total Attendances	1782
Received Operative treatment	1
Waiting List	—
No. of cases discharged—cured	15
Did not respond to Treatment	5
Failed to attend	12*
Unsuitable for Treatment	1
Other reasons	4
Total	37

* 7 shewed marked improvement in occlusion and were responding satisfactorily to treatment until attendance lapsed.

TABLE XIX.

ORTHOPAEDIC TREATMENT.

	At School Clinic	At M. and C.W.C.	Total
Mr. Goyder's attendances	33	8	41
New cases examined	168	86	251
Re-Examinations	344	100	444
Children under treatment on Dec. 31st, 1940	364	252	616
New cases admitted for treat- ment 1941	263	88	351
Discharged during year	194	34	228
Cases remaining under treatment on Dec. 31st, 1941	433	306	739
	School Age	Under School Age	Total
Attendances for examination	509	186	695
Attendances for remedial exercises	11481	2145	13626

Cases treated:—

	No. of Cases	Attendances
Maternity and Child Welfare	340	2145
School Clinic	399	5816
Modern School	51	1694
Bermerside School	49	1217
Quarry House School	35	813
Princess Mary High School	53	1396
Technical College	40	545
	<hr/> 967	<hr/> 13626

Waiting list, December 31st, 1940	36
„ December 31st, 1941	38

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

Allocation of Hours.

Clinic	1679
Elementary Schools	148 $\frac{1}{4}$
M. and C.W. Clinic	652 $\frac{1}{2}$
Bermerside School	196
Quarry House School	89 $\frac{3}{4}$
Modern School	28
Princess Mary High School	67
Technical College	34 $\frac{3}{4}$
Swimming Class	80 $\frac{1}{2}$
	<hr/> 2975 $\frac{3}{4}$

Follow-up:—No. of homes visited	142
Time occupied	103 $\frac{3}{4}$ hrs.

Halifax General Hospital.

Recommended for operative treatment	13
Admitted to hospital	12
Refused operative treatment	—
Left the town	—
Deferred treatment	—
Received treatment privately	—
On waiting list	1

TABLE XX.
SWIMMING STATISTICS.

	1937			1938			1939			1940			1941		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
No. of scholars who learnt to swim during season	577	578	1155	610	628	1238	474	504	978	538	523	1061	497	480	977
No. of scholars able to swim	1403	1518	2921	1427	1440	2867	1289	1385	2674	1416	1594	3010	1336	1442	2778
No. of scholars who left school (14+) without gaining Elementary Certificates	83	73	156	63	79	142	66	74	140	41	37	78	70	64	134
Elementary Certificates	386	442	828	391	485	876	293	290	583	375	484	859	351	308	659
Advanced do.	262	226	488	193	236	429	159	185	344	181	229	410	121	152	273
Honours do.	171	132	303	157	110	267	67	72	139	60	58	118	68	75	143

