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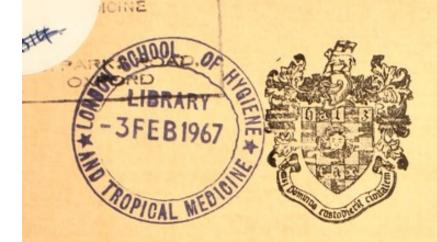
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COUNTY BOROUGH OF HALIFAX.

EDUCATION COMMITTEE.

ANNUAL REPORT

ON THE

SCHOOL MEDICAL SERVICE

FOR THE YEAR 1940.

HALIFAX:

F. KING AND SONS LTD., PRINTERS, BOWLING DYKE MILLS.



CXPOND

COUNTY BOROUGH OF

Ι

EDUCATION COMMITTEE.

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

OFFICER:

Dorothy W. Heynemann,

M.B., Ch.B.

PART-TIME OPHTHALMIC SURGEON:

R. W. Greatorex. M.B.,

Ch.B.

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.

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.

SCHOOL CLINICS.

Name.	Purpose.	Where held.	Days.	ime. Hours.
Inspection	Examination of cases sent by Teachers, School Attendance Offi- cers, etc.	Horton St.	Tuesdays Fridays	2 o to 4-30 p.m. do.
Minor Ailments	Treatment of Minor Diseases	Horton St.	Daily	9-o a.m. to 12-o noon 2-o to 5-o p.m.
	of Skin, etc.	Bermerside Home	Daily	10-0 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	10-0 a.m. to 12-0 noon 2-0 to 4-0 p.m.
ORTHOPÆDIC		Horton St.	Wednesdays	2-30 to 4-0 p.m.
TONSILS AND	Treatment of Tonsils and	General Hospital,	Mondays	
ADENOIDS	Adenoids	Halifax	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.
		Quarry House Bermerside	Wednesdays Tuesdays Thursdays	10-0 a.m. to 12-0 noon 10-0 a.m. to 12-0 noon †2-0 to 5-0 p.m. †2-0 to 5-0 p.m.
				12-0 to 5-0 p.m.
X-RAY TREATMENT OF RINGWORM		Royal Halifax Infirmary	(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 VIOLE RAY TREAT- MENT	rFor treatment of Anæmia, Debility etc.	Northgate Infant Welfare Clinic	Mondays and Thursdays	d 10-45 a.m.
Immunisation against Diphtheria	N	School premises and Horton St.	Mondays	2-30 to 3-30 p.m.
PSYCHO- LOGICAL CLINIC	Child Guidance Cases	General Hospital	Fridays	10-0 a.m. to 12 noon. (by appointment).
ORTHOPTIC CLINIC	Cases of Squint	Haugh Shaw Senior School	Mondays	9-0 a.m. to 12 noon. 2-0 to 5-0 p.m.
			Wednesday	s 9-0 a.m. to 12 noon. 2-0 to 5-0 p.m.
			Thursdays	9-0 a.m. to 12 noon. 2-0 to 5-0 p.m.
			Saturdays	9-0 a.m. to 12 noon.

STATISTICAL TABLES.

TABLE I.

MEDICAL INSPECTIONS OF CHILDREN ATTENDING PUBLIC ELEMENTARY SCHOOLS YEAR ENDED 31st DECEMBER, 1940.

(1) No. of Inspections in Entrants		prescrib		
Second Age Group				-
Third Age Group				7.00.00
	Total			3,019
(2) Number of other Re				
(2) Number of other Re	outine		tions	
	outine	Inspec	tions	
(2) Number of other Robbs. B.—Other Inspections. Number of Special	outine Grand	Inspec	tions 	

TABLE II.

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

AGE-GROUPS	Number of Children	(Exce		(Nor		(Slig Subne	htly ormal)	- 10	ad)
	Inspected	No.	%	No.	%	No.	%	No	%
Entrants	963	34	3'5	900	93'5	28	2.9	1	-1
Second Age-group	1,225	57	4.6	1,117	91'2	51	4'2		
Third Age-group Other Koutine		60	7'2	715	86.1	55	6.6	2	11
Inspections					***	200	****		
TOTAL	3.019	151	5'0	2,732	90'5	134	4'4	2	. 1

TABLE III.

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

Total number of Defects treated or under treatment during the year under the Authority's Scheme, 5,197.

Minor Ear	defect					222
			 			233
Minor Eye	defect	S	 5.5.5	***	***	201
Skin—Rin	gworm	-Scalp	 			I
		Body	 	***	100	I
Scabies			 			187
Impetigo			 			333
Other Skin	Disea	se	 			186
Miscellane	ous		 			4055

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

	NUMBER O	F DEFECTS DEA	LT WITH
	Under the Authority's Scheme	Otherwise	Total
Errors of Refraction (including			
Squint) Other Defect or Disease of the Eyes (excluding those recorded	525	2	527
in Group I)	87	2	89
Total	612	4	616
No. of Children for whom Spec-			
tacles were: (a) Prescribed	525	T	526
(a) Frescribed	3-3		2-0

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

Group III. Treatment of Defects of Nose and Throat.

	NUMBER OF DEFECT	s	
RECEIVED	OPERATIVE TREATMENT	-	
Under the Authority's Scheme; in Clinic or Hospital	By Private Practitioner or Hospital, apart from the Authority's Scheme	Received other forms of Treatment	Total numbe treated
176	3	382	561

TABLE IV. DENTAL INSPECTION AND TREATMENT.

(t) Number of Children Inspected by the Dentist —

(a) ROUTINE AGE GROUPS —

AGE	3	4	5	G	7	8	9	10	11	12	13	14 & over	Тотаг
NUMBER	28	76	473	624	764	787	726	795	539	593	589	157	6,151
	(h) Sp	ECIALS						7					1,397
	(ε) To	TAL (R	OUTINE	AND S	PECIAL	.s)					444		7,548
	umber fo				nent		***			***			6,021 5,160
	ttendan dren fo alf-day	r Tre	atmen	t		04	1	erma		– Teeth Teeth			
	Inspect	tion ent	::		8	69 07	(8) Ad				enera Extrac	1	2
			Total	***	0	76	t	ions				. 17	4
	illings : Permai Tempo	nent T			3,0	03 67		erma	nent	ions :- Teeth Teeth		100	4 6
			Total		3,0	70				Total		1,20	0

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 children in the	
Schools by School Nurses	42,008
(III) Number of individual children found unclean	1,422
(IV) Number of individual children cleansed under	
Section 87 (2) and (3) of the Education Act, 1921	285
$({f V})$ 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,	At no School or Institution.	(4) Total not receiving suitable education,
Blind Children	_	_	_	-
Deaf Children		_		_

MENTALLY DEFECTIVE CHILDREN.

1.1

TABLE VII.

PROPORTION OF VACCINATED CHILDREN AMONGST THOSE EXAMINED IN ROUTINE DURING THE PERIOD 1930 TO 1940 ELEMENTARY SCHOOLS.

Year.	Examinations.		Routine Vaccination			Percentage Un-vaccinated	
1930			357 361	77.9 77.1			
1931	(a) Boys (b) Girls	1,629 1,700	376 405	76·1			
1932	(a) Boys (b) Girls	1,931	460 470	76·1 75°7			
1933	(a) Boys (b) Girls	1.874	415 396	77·8 77·8			
1934	(a) Boys (b) Girls	1,789 1,734	418 351	76·6 79·8			
1935	(a) Boys (b) Girls	1,840 2,050	3 ² 3 3 ⁸ 3	82·4 81·3			
1936	(a) Boys (b) Girls	1,587 1,646	317 279	80·0 83·0			
1937	(a) Boys (b) Girls	1,862	30 I 262	83·8 85·3			
1933	(a) Boys (b) Girls	1,906 2,010	158 307	91·7 84·7			
1939	(a) Boys (b) Girls	1,416 1,470	186 175	86·8 88·1			
1940	(a) Boys (b) Girls	1,488	²⁴⁴ 230	83·6 84·9			

TABLE VIII.

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

	BOYS.		GIRLS.				
Age.	Height in Cms.	Weight in Kilos.	Age.	Height in Cms.	Weight in Kilos		
3	94.7	15.1	3	94'2	14.0		
4	103.5	16.6	4	102.2	16.5		
5	108.4	18.7	5	107.8	18.1		
6	114.9	20.6	6	111.0	19.3		
7 8	120.3	23.6	7	117.8	21.6		
8	124.5	25.0	8	1241	24.2		
9	129.7	27.2	9	126.7	25.8		
10	135.1	28·I	10	131.3	27.5		
11	139.5	32.8	II	141.3	33:3		
12	143.3	36.4	12	145.9	38.1		
13	147.2	37.6	13	153'9	43.7		
14	149.7	42'3	14	160.3	47'3		

TABLE IX.

RETURN OF MEDICAL INSPECTIONS IN THE SECONDARY SCHOOLS, 1940.

(A). ROUTINE MEDICAL INSPECTIONS.

Number of Pupils Examined:-

Age	Heath	Tech- nical	Н	gh an Por		ssley nd rter	Tota
	(Boys).	(Boys).	(Boys).	(Girls).	(Boys).	(Girls).	
.1	_	_		_	_	_	_
5	-	-	3	3	-	-	6
	-	_	1	10	-	_	II
7 8	1	_	2	2	_	-	5
	5	-	-	7 6	_	1	13
9	9	-			3	6	24
10	16	-	-	10	3	18	47
11	.4 1	_		23	15	24	103
12	57		757	66	21	20	164
13	56	94		59	16	22	247
14	52	112		53	22	15	254
15	61	31	_	54	13	17	176
16	1.4	_		17	5	11	47
17	2	_	_	5 1	2	5	14
18	2			1			3
Total	316	237	6	316	100	139	1114

(B). OTHER INSPECTIONS.

Num	ber of Special Inspections				 3
Num	ber of Re-inspections				 220
				Total	 223
(C).	Pupils found to Req Defective Vision (Exclu				92
	Other Conditions (Exc Nutrition, Uncleanli Diseases)	ness	and I	Pental	590

TABLE X.

DENTAL DEFECTS IN THE SECONDARY AND SPECIAL SCHOOLS.

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

				condary and hnical Schools.	Special Schools.
(4	a) Routine Age Groups			-	191
(1	b) Specials			59	28
	GRAND TOTAL			59	219
(2)	Found to require treatment			59	153
(3)	Actually treated			236	123
(4)	Attendances made by Children for	or treat	ment	491	190
(5)	Half-days devoted to Inspection			_	2
	,, ,, Treatment		***	44	17
				44	19
(6)	Fillings—Permanent Teeth			335	63
	Temporary Teeth			1	
				336	— 63
7)	Extractions—Permanent Teeth			87	51
	Temporary Teeth			32	131
				119	182
(8)	Administrations of general anæ	sthetics	for		
	extractions			6	3
(9)	Other Operations—Permanent T	eeth		115	12
	Temporary T	eeth		_	
				115	- 12

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

TABLE XI.

	BOYS.		GIRLS.				
Age.	Height in Cms.	Weight in Kilos.	Age.	Height in Cms.	Weight in Kilos		
5	110.0	18.9	5	_			
6	110.0	22.8	6	114.8	21.3		
7	124.0	23.8	7	128.0	26'I		
7 8	136.0	31'9	8	137.2	30.6		
9	135.0	31.3	9	139.7	31.2		
10	140.2	32.4	10	138.7	31.6		
II	143'9	33.8	II	144'1	38.5		
12	147'9	37.5	12	149'7	39.8		
13	153'4	41.1	13	155.9	44.0		
14	160.8	47.7	14	158.8	48.2		
15	167.7	51.6	15	100.0	53'5		
16	165.6	55'5	16	162.2	57'9		
17	177.8	63.2	17	162.2	54'4		
18	176.2	51.2	18	191.0	57'9		

TABLE XII.

INVESTIGATION OF INFECTIOUS AND CONTAGIOUS DISEASES.

School	Disease	Number of Visits Paid	Number of Classes Inspected	Number of Children Examined
Akroyd Place Battinson Road Boothtown Lee Mount """ Moorside Ovenden Parkinson Lane Pellon Lane Queen's Road Siddal Sunnyside Wainstalls Warley Road Bermerside Christ Church Parish Church Trinity St. Augustine's St. Joseph's St. Mary's	D. D	5 3 4 15 1 1 2 2 1 4 10 5 3 1 2 1 4 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	5 3 4 45 4 4 2 2 3 7 15 7 3 1 5 12 4 8 6 2 2 4 4 8 6 4	157 99 97 1460 140 168 74 66 20 248 458 261 118 30 94 18 168 164 96 191 165 44 70 141 178 128
		83	161	4853

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.

I.	Half-days on which nurses assisted a	t Sch	ool Med	lical	
	Inspection				293
2.	Half-days on which nurses assisted at	t			
	(a) Minor Ailments' Clinic				355
	(b) Inspection Clinic				
3.	Half-days devoted to head surveys				262
	Total examinations of children				42,008
	Children found with verminous or				
	Children respecting whom cleans				
	sent				
4.	Half-days on which sulphur baths wer	e give	en		109
	Children dealt with				187
5.	Half-days devoted to "following-up"				212
	Homes visited				1,361
	Individual children concerned				
6.	Half-days devoted to investigating in	nfectio	ous dise	ases	71
	Swabs taken from throats and submitte	d for e	examina	tion	582
	Suspicious cases of scarlet fever referr				***
	tion Clinic				-
	Classes examined in the course of inve				
	infectious nature in the schools				161

TABLE XIV.

PROVISION OF MEALS.

Number of	children who attended	the M	leals' Cer	ntre	156
	breakfasts supplied				_
,,	dinners supplied				19,772
Portions of	milk consumed on Sc	hool p	remises		1,073,477

TABLE XV.

PAYMENTS BY PARENTS YEAR ENDED 31st MARCH, 1940.

						£	s.	d.
Medical						 15	7	9
Dental						 158	9	I
Orthopæ	dic (F	Remedial	Exer	cises)		 22	2	3
Orthopæ	dic (I	nstitutio	nal an	id App	liances)	 19	6	0
Spectacle	es					 132	19	9
T. and A	A. Ope	rative T	reatm	ent		 23	4	0
						£371	8	IO

TABLE XVI.

RETARDED CHILDREN.

			Boys	Girls	Total
No. of	Children	examined	24	17	41
	2.2	sent to Quarry House	12	7	19
	1)	returned to ordinary school	10	7	17
	,,	sent to residential school for			
		M. D. Children	I	I	2
73	17	referred to the Local Authority	1	2	3

TABLE XVII.

OPHTHALMIC TREATMENT.

CLASSIFICATION OF ERRORS OF REFRACTION—ELEMENTARY AND HIGHER.

	Hyper- metropia	Myop:a	Hyper- metropia with Astigma- tism	Myopia with Astigma- tism	Mixed Astigma- tism	Aniso- metro- pia	Total
Boys	70	17	117	36	15	8	263
Girls	64	28	140	53	27	8	320
Total	134	45	257	89	42	16	583

					Boys	Girls	Total
Children who	attended	the Eye	e Clinic		304	366	670
Children for scribed:—	whom gl	asses v	vere pr	e-			
Elemer	ntary				241	284	525
Higher					15	19	34
Special					7	17	24
Children who	obtained .	glasses-	-Ely.		350	340	690
or new lens	es or repa	irs -	-Highe	er	34	36	70
		-	-Specia	al	17	25	42
Children for w	hom glasse	es were	not adv	rised	41	46	87
Suffering fron	Corneal	Opaciti	es		4	I	5
,,	Nystagn	nus			4	3	7
,,	Ptosis				2		2
,,	Lenticula	ar Opac	ities		3	3	6
,,	Severe M	Iyopia			-	5	5
,,	Congenit	al Col	loboma	of			
12.00	Cho	roid and	d Iris		2	2	4
,,	Squint				34	25	59
1)	Fundal o	changes			6	4	10

TABLE XVIII.

ORTHOPTIC TREATMENT.

Total Atte	NDANCE F	OR YE	AR		 1,794
Treatme	ent				 1,205
Occlusio	n				 547
New Ca	ises				 42
					1,794
Waiting	List			٠	 _
No. of c	ases discha	arged			 29

TABLE XIX.

ORTHOPAEDIC TREATMENT.

	At School Clinic	At M. and C.W.C.	Total
Mr. Goyder's attendances	30	9	39
New Cases examined	154	93 -	247
Re-Examinations	281	105	386
Children under treatment on			
Dec. 31st, 1939	211	170	381
New cases admitted for treatment		0.7000	
1940	358	143	501
Discharged during year	161	41	202
Ceased attendance	44	20	64
Cases remaining under treatment			
on Dec. 31st, 1940	364	252	616
S	School Age	Under School Age	Total
Attendances for examination	435	198	633
Attendances for remedial exercises		2,492	14,498

No. of cases in each of the three classes :-

	No. of Cases	Attendances
(a) Tubercular	 I	I
(b) Non-Tubercular under School Age	 313	2,492

(c) Non-Tubercular of School Age—

			No. of Cases	Attendances
School Clinic			 262	4.923
Modern School			 81	3,112
Bermerside School			 70	1,390
Quarry House School			 42	633
Princess Mary High Sch	lool		 68	1,258
Technical College			 45	689
			568	12,005
			-	-
Waiting list, December	31st,	1939	 12	
,, December 3	31st,	1940	 36	

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

Allocation of Hours.

Clinic					1,6361	
Elementary Schools					1701	
M. and C.W. Clinic					6271	
Bermerside School					1761	
Quarry House School					691	
Modern School					28	
Princess Mary High S	School				$52\frac{1}{4}$	
Technical College					36	
Swimming Class					$85\frac{1}{2}$	
					2,8813	
Follow-up :-No. of l	nomes	visited			156	
Time of	ccupied	1			$94\frac{1}{2}$	hrs.
Halifax	GENE	RAL HO	SPITAI			
Recommended for operative	e treat	ment				7
Admitted to hospital						5
Refused operative treatment	t					I
Left the town						-
Deferred treatment						-
Received treatment privatel	y			***		I
On waiting list						

TABLE XX.

SWIMMING STATISTICS.

	1936			1937			1938			1939			1940		
	Boys	Girls	Total	Boys	Girls	Tota									
No.of scholars tho learnt to wim during					0			6.0							
eason lo.of scholars		590	1243	577	578	1155	610	628	1238	474	504	978	538	523	106
ble to swim lo.of scholars pholeftschool (4+) without aining Elem- ntary Certi-		1541	3028	1403	1518	2921	1427	1440	2867	1289	1385	2674	1416	1594	3010
cates lementary	83	72	155	83	73	156	63	79	142	66	74	140	41	37	78
Certificates	474	438	912	386	442	828	391	485	876	293	290	583	375	484	859
dvanced do	252	246	498	262	226	488	193	236	429	159	185	344	181	229	410
lonours do.	149	124	273	171	132	303	157	110	267	67	72	130	60	58	118



