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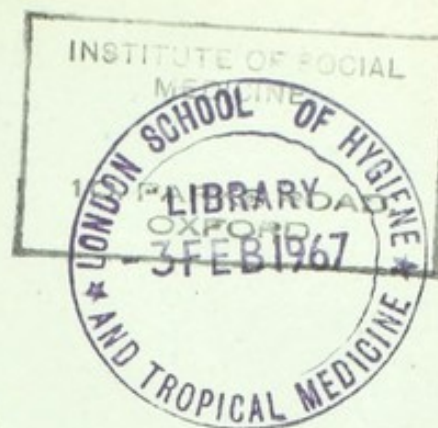
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COUNTY BOROUGH OF HALIFAX

EDUCATION COMMITTEE

# ANNUAL REPORT

ON THE

## SCHOOL MEDICAL SERVICE

FOR THE YEAR 1944.

HALIFAX:

F. KING & SONS LTD., PRINTERS, BOWLING DYKE



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COUNTY BOROUGH OF HALIFAX.  
**EDUCATION COMMITTEE.**

Chief Education Officer: W. O. BELL, B.A.

INSTITUTE OF SOCIAL  
 MEDICINE

10, PARK ROAD,  
 OXFORD

**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:**

Robert W. Greatorex, M.B., Ch.B.

**Part-time Orthopaedic Surgeon:**

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

**Dental Surgeons:** Frank H. Richardson, L.D.S., R.C.S.

Thomas A. A. Eaves, L.D.S., R.C.S.

(Joined H.M. Forces 21/11/40)

Arthur 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)

**Orthopaedic Staff :** Sophie Dudgeon (Supervisor and Organiser of Physical Training)

Edith F. M. Smith (Resigned 31/8/44)

Dorothy H. Clough

(Appointed 1/1/44; Resigned 31/12/44)

Doreen M. Foers (Appointed 17/4/44)

M. Roberta Davies (Appointed 1/9/44)

Rosa Enderby (Part-time)

Doreen Greenwood (Junior Assistant)

**Speech Training:** Margery A. Sharpe (Resigned 6/10/44)

**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 classes	Akroyd Place School	Mondays to Friday	} Closed pro tem.	
ORTHOPÆDIC		Horton St.	Wednesdays		
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	10-30 a.m. to 12-0 noon	
			Thursdays	10-30 a.m. to 12-0 noon	
		Ovenden	Tuesdays	2-0 to 5-0 p.m.	
			Thursdays	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 TREAT- MENT	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.	
PSYCHO- LOGICAL CLINIC	Child Guidance Cases	General Hospital	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 CHILDREN ATTENDING PUBLIC ELEMENTARY SCHOOLS YEAR ENDED 31st DECEMBER, 1944.

## A.—ROUTINE MEDICAL INSPECTIONS.

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

Entrants	...	...	...	1,394
Second Age Group	...	...	...	1,046
Third Age Group	...	...	...	1,020

Total	...	...	3,460
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(2) Number of other Routine Inspections —

Grand Total	...	3,460
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## B.—OTHER INSPECTIONS.

Number of Special Inspections and

Re-Inspections...	...	...	5,421
-------------------	-----	-----	-------

TABLE II.

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

AGE—GROUPS	Number of Children Inspected	A		B		C (Slightly Subnormal)		D (Bad)	
		(Excellent)		(Normal)					
		No.	%	No.	%	No.	%	No.	%
Entrants	1,394	21	1.5	1,343	96.3	30	2.2	...	...
Second Age-group	1,046	24	2.3	1,009	96.5	13	1.2	...	...
Third Age-group	1,020	42	4.1	966	94.7	12	1.2	...	...
Other Routine Inspections	...	...	...	...	...	...	...	...	...
TOTAL	3,460	87	2.5	3,318	95.9	55	1.6	...	...

TABLE III.

## Group 1.—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	...	...	...	293
Minor Eye defects	...	...	...	361
Skin—Ringworm—Scalp	...	...	...	10
Body	...	...	...	3
Scabies	...	...	...	374
Impetigo	...	...	...	501
Other Skin Diseases	...	...	...	434
Miscellaneous	...	...	...	5001

6977



**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) .. .. .	424
Other Defect or Disease of the Eyes (excluding those recorded in Group I) .. .. .	68
<b>TOTAL ..</b>	<b>492</b>
<b>No. of Children for whom Spectacles were :</b>	
(a) Prescribed .. .. .	412
(b) Obtained .. .. .	*483

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

**Group III. Treatment of Defects of Nose and Throat.**

RECEIVED OPERATIVE TREATMENT	(2) Received other forms of Treatment	(3) Total number treated
(1) Under the Authority's Scheme, in Clinic or Hospital		
250	351	601

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

(1) Number of Children 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	31	92	322	1458	1127	1141	1016	973	874	829	853	668	117	9,501

(b) SPECIALS .. .. . 1,326

(c) TOTAL (ROUTINE AND SPECIALS) .. .. . 10,827

(1a) Number of Re-inspections .. .. . 6,285  
 (2) Number found to require treatment .. .. . 5,996  
 (3) Number actually treated .. .. . 5,369

(4) Attendances made by Children for Treatment .. 6,848

(5) Half-days devoted to:—

Inspection .. .. 156  
 Treatment .. .. 701  
**Total .. 857**

(6) Fillings:—

Permanent Teeth .. 2,504  
 Temporary Teeth .. 58  
**Total .. 2,562**

(7) Extractions:—

Permanent Teeth .. 893  
 Temporary Teeth .. 6,132  
**Total .. 7,025**

(8) Administrations of General Anæsthetics for Extractions .. .. 23

(9) Other Operations:—

Permanent Teeth .. 709  
 Temporary Teeth .. 67  
**Total .. 776**

Some reduction in the incidence of dental caries has been noticed during the later years of the war, probably due to the absence of the highly refined sugars and starches of pre-war diets and the reduction in the quantity of sweets obtainable. A similar improvement was reported towards the end of the last war, but unfortunately it was not maintained after the return to normal peace-time diet.

It has been possible, due to this improvement, to overtake the accumulation of work resulting from the disorganisation during the early years of the war, and to reduce the period between successive dental inspections thereby lessening the amount of treatment required to keep each child's teeth in good condition.

**TABLE V.**  
**VERMINOUS CONDITIONS**

(I)	Average number of visits per School made during the year by the School Nurses	...	...	...	9
(II)	Total number of examinations of children in the Schools by School Nurses	...	...	...	43,400
(III)	Number of individual children found unclean	...	...	...	1,296
(IV)	Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921	...	...	...	269
(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, 1944, by the Local Education Authority to the Local Mental Deficiency Authority, under the Mental Deficiency (Notification of Children) Regulations, 1928 ... 34



TABLE VII.

PROPORTION OF VACCINATED CHILDREN AMONGST THOSE  
EXAMINED IN ROUTINE DURING THE PERIOD 1934 TO 1944  
ELEMENTARY SCHOOLS.

Year.	Routine Examinations.		Number showing Vaccination Scars.	Percentage Un-vaccinated.
1934	(a) Boys	1,789	418	76.6
	(b) Girls	1,734	351	79.8
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	1,673	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

**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.
2	93.3	14.7	2	89.0	13.9
3	95.9	16.1	3	95.7	15.2
4	102.4	17.3	4	102.3	16.9
5	109.2	19.3	5	108.9	18.5
6	113.9	21.1	6	112.4	20.2
7	121.3	24.3	7	117.2	20.7
8	123.5	25.6	8	124.7	25.4
9	129.2	27.4	9	127.2	27.7
10	134.8	30.9	10	134.1	30.9
11	141.7	34.5	11	140.9	33.6
12	143.1	36.8	12	145.5	37.1
13	147.6	38.9	13	151.0	42.3
14	148.8	41.4	14	153.5	45.1
15 (3)	160.8	49.5	15	—	—

**TABLE IX.**  
**RETURN OF MEDICAL INSPECTIONS IN THE**  
**SECONDARY SCHOOLS, 1944.**

(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	—	—	1	7	—	—	8
5	—	—	6	16	—	—	22
6	—	—	7	19	—	—	26
7	1	—	5	12	—	3	21
8	11	—	—	13	7	9	40
9	21	—	1	20	9	18	69
10	18	—	—	23	12	17	70
11	76	—	—	41	43	29	189
12	60	—	—	60	44	39	203
13	59	86	—	52	34	44	275
14	50	107	—	56	39	24	276
15	47	26	—	40	18	26	157
16	16	1	—	24	9	7	57
17	12	—	—	17	4	5	38
18	—	—	—	2	—	—	2
Total	371	220	20	402	219	221	1453

(B). OTHER INSPECTIONS.

Number of Special Inspections	...	...	...	...	—
Number of Re-inspections	...	...	...	...	163
				Total	163

(C). PUPILS FOUND TO REQUIRE TREATMENT	
Defective Vision (Excluding Squint) ...	136
Other Conditions (Excluding Defects of Nutrition, Uncleanliness and Dental Diseases) ...	529



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	...	...	...	486	182
(b)	Specials	...	...	...	55	16
GRAND TOTAL					541	198
(1a)	Re-inspections	...	...	...	44	189
(2)	Found to require treatment	...	...	...	343	102
(3)	Actually treated	...	...	...	336	75
(4)	Attendances made by Children for treatment	...	...	...	589	93
(5)	Half-days devoted to Inspection	...	...	...	5	2
	„ „ „ Treatment	...	...	...	60	10
					— 65	— 12
(6)	Fillings—Permanent Teeth	...	...	...	504	25
	Temporary Teeth	...	...	...	7	—
					— 511	— 25
(7)	Extractions—Permanent Teeth	...	...	...	155	29
	Temporary Teeth	...	...	...	26	60
					— 181	— 89
(8)	Administrations of general anæsthetics for extractions	...	...	...	2	2
(9)	Other Operations—Permanent Teeth	...	...	...	94	10
	Temporary Teeth	...	...	...	2	—
					— 96	— 10

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.
4	110·1	19·0	4	104·8	17·5
5	119·9	22·4	5	114·8	20·9
6	119·0	23·3	6	119·4	23·3
7	127·5	25·7	7	129·3	27·4
8	129·8	25·5	8	128·3	29·3
9	136·8	30·4	9	139·7	31·1
10	140·5	32·8	10	139·4	32·0
11	142·9	33·9	11	145·7	35·8
12	154·4	38·3	12	152·3	40·4
13	153·9	41·7	13	158·1	43·3
14	160·8	49·2	14	155·3	50·6
15	164·3	53·1	15	165·7	52·9
16	157·5	61·6	16	164·5	62·1
17	—	—	17	166·6	58·0
18	—	—	18	159·3	79·0

TABLE XII.

INVESTIGATION OF INFECTIOUS AND CONTAGIOUS  
DISEASES.

School	Disease	Visits Paid	Classes Inspected	Examina- tions of Children
Akroyd Place ...	R.	4	12	303
" " ...	C.P.	2	8	202
" " ...	D.	4	4	110
Battinson Road ...	Sc.	1	3	156
" " ...	R.	1	4	220
" " ...	C.P.	1	1	36
" " ...	D.	1	1	40
Boothtown ...	R.	5	19	533
" " ...	D.	1	1	56
Caddy Field ...	D.	1	2	43
Copley ...	Sc.	2	5	222
Haugh Shaw ...	D.	1	1	30
Lee Mount ...	C.P.	1	3	80
" " ...	D.	2	2	60
" " ...	Sc.	1	1	50
Mixenden ...	S.F.	1	3	124
Moorside ...	S.F.	2	2	78
" " ...	D.	1	2	63
Northowram ...	D.	1	1	45
Ovenden ...	D.	2	3	116
Parkinson Lane ...	R.	4	19	720
Pellon Lane ...	Sc.	1	4	138
" " ...	S.F.	1	1	38
" " ...	C.P.	2	3	132
" " ...	D.	8	16	526
" " ...	M.	1	1	52
Salterhebble ...	D.	1	2	60
Siddal ...	D.	3	3	98
Sunnyside ...	Sc.	5	12	400
" " ...	D.	1	1	14
" " ...	S.F.	1	1	38
" " ...	R.	1	3	140
Warley Road ...	R.	2	11	429
" " ...	M.	1	4	111
All Saints... ...	D.	1	3	89
Christ Church ...	D.	1	2	48
Parish Church ...	D.	2	3	109
Trinity ...	D.	4	4	116
" " ...	Sc.	1	4	179
St. Augustine's ...	R.	2	2	70
" " ...	D.	1	1	28



TABLE XII.—Continued.

School	Disease	Visits Paid	Classes Inspected	Examinations of Children
St. Mary's ...	R.	9	12	471
" ...	D.	3	7	196
Bermerside O.A. ...	D.	1	3	79
" " " ...	S.F.	1	3	85
Ling "Bob Nursery	D., S.F. & M.	1	1	8
P.M. High ...	D.	2	2	54
TOTALS		96	206	6,995

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	...	...	...	...	...	...	560
	(b) Inspection Clinic...	...	...	...	...	...	...	154
3.	Half-days devoted to head surveys	...	...	...	...	...	...	342
	Total examinations of children	...	...	...	...	...	...	43,400
	Children found with verminous or nitty heads	...	...	...	...	...	...	1,153
	Children respecting whom cleansing notices were sent	...	...	...	...	...	...	818
4.	Half-days on which sulphur baths were given...	...	...	...	...	...	...	79
	Children dealt with	...	...	...	...	...	...	361
5.	Half-days devoted to "following-up "	...	...	...	...	...	...	132
	Homes visited	...	...	...	...	...	...	916
	Individual children concerned	...	...	...	...	...	...	1,088
6.	Half-days devoted to investigating infectious diseases							43
	Swabs taken from throats and submitted for examination	...	...	...	...	...	...	274
	Suspicious cases of scarlet fever referred to the Inspection Clinic...	...	...	...	...	...	...	2
	Classes examined in the course of investigating cases of infectious nature in the schools	...	...	...	...	...	...	206

**TABLE XIV.**  
**PROVISION OF MEALS.**

**Dinners supplied :**

Elementary Schools ...	...	...	...	...	599,700
Special Schools ...	...	...	...	...	32,998
Westfield ...	...	...	...	...	6,355

**Teas supplied :**

Play Centres ...	...	...	...	...	7,749
War-time Nursery Classes ...	...	...	...	...	15,608

Portions of Milk consumed on School Premises ... 1,445,427

Fourteen new canteens have been opened during the year, making a total of 35 now in operation, in addition to the two special schools and two wartime nurseries.

**TABLE XV.**  
**PAYMENTS BY PARENTS,**  
**YEAR ENDED 31st MARCH, 1944.**

	£	s.	d.
Medical ...	44	2	3
Dental ...	144	14	3
Orthopædic (Remedial Exercises) ...	66	19	9
Orthopædic (Institutional and Appliances) ...	7	19	6
Spectacles ...	203	13	10
T. and A. Operative Treatment ...	58	9	0
	<u>£525</u>	<u>18</u>	<u>7</u>

**TABLE XVI.**  
**RETARDED CHILDREN.**

	Boys	Girls	Total
Children examined ...	17	12	29
„ to go to Quarry House ...	9	9	18
„ to remain at ordinary school ...	6	—	6
„ to go to a Residential Special School for M.D. Children ...	—	1	1
„ to be referred to the Local Authority	2	2	4
„ to be re-examined ...	—	—	—





**TABLE XX.**  
**SWIMMING STATISTICS.**

	1940			1941			1942			1943			1944		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
No. of scholars who learnt to swim during season...	538	523	1061	497	480	977	370	449	819	474	381	855	413	318	731
No. of scholars able to swim...	1416	1594	3010	1336	1442	2778	1030	1307	2337	1126	1175	2301	1033	958	1991
No. of scholars who left school (14+) without gaining Elementary Certificates ... ..	41	37	78	70	64	134	51	55	106	55	42	97	66	63	129
Elementary Certificates	375	484	859	351	308	659	316	345	661	273	312	585	256	227	483
Advanced do.	181	229	410	121	152	273	160	185	345	138	172	310	81	101	182
Honours do.	60	58	118	68	75	143	134	139	273	117	93	210	53	57	110

**TABLE XXI.**

**SPEECH THERAPY.**

(Clinic closed pro tem. 6/10/44.)

Children under treatment	...	...	...	...	...	104
Types of Defects:—Stammerers	...	...	...	...	...	29
Cleft Palate	...	...	...	...	...	5
Other	...	...	...	...	...	70
Children admitted for treatment	...	...	...	...	...	26
„ discharged, left School, etc.	...	...	...	...	...	32
Children on Waiting List (including Observation Cases)	...	...	...	...	...	99





