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COUNTY BOROUGH OF SOUTHPORT.

EDUCATION COMMITTEE.

EIGHTH ANNUAL REPORT

ON THE

MEDICAL INSPECTION OF SCHOOL CHILDREN,
FOR THE YEAR 1916,

BY


G. C. BARNES, D.P.H.,

SCHOOL MEDICAL OFFICER.

SOUTHPORT :

J. J. RILEY PRINTER "GUARDIAN" OFFICE, 267 LORD STREET

1917



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EXTENT AND SCOPE OF THE MEDICAL INSPECTION.

(1) CHILDREN SELECTED FOR INSPECTION:—

NEW ADMISSIONS, AGE 8, AND LEAVING GROUP.

(2) NUMBER OF CHILDREN INSPECTED, 1st JANUARY TO 31st DECEMBER, 1916:—

Age.	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
Boys...	39	81	158	60	188	228	47	38	45	352	75	26	4	1341
Girls...	43	85	156	94	191	225	45	38	43	308	90	7	...	1325
Total	82	166	314	154	379	453	92	76	88	660	165	33	4	2666

In the Tables, "Infant" means a child aged less than 6 years

(3) NUMBER OF CHILDREN REFERRED FOR SUBSEQUENT OR FURTHER EXAMINATION.

Bronchitis	10
Defective Vision	435
Eczema	2
External Eye Disease	42
Ringworm	7

To be attended to by School Nurse:—

Dirty	13
Impetigo	60
Nits	835
Scabies	1

(4) NUMBER OF CHILDREN IN RESPECT OF WHOM DIRECTIONS WERE GIVEN FOR TREATMENT OF DEFECTS (AT THE INSPECTION):—

Abscess	1
Anæmia	1
Boil	1
Bronchitis	6
Eczema	2
External Eye Disease	8
Hearing	208
Heart	7
Impetigo	38
Malnutrition	1
Otorrhœa	14
Ringworm	2
Tonsillitis	3
Tonsils and Adenoids	14
Total	306

(Directions also given to numerous cases of Nits).

(5) THE AVERAGE TIME PER HEAD OCCUPIED BY THE INSPECTION AT THE SCHOOL.

	Avg. Time in Mins.
No. of Children Inspected:—2666	3.9

GENERAL REVIEW OF THE FACTS DISCLOSED BY THE MEDICAL INSPECTION.

PROPORTION OF CHILDREN ACTUALLY INSPECTED.

Out of 2892 children placed on the list for inspection, 92.2 per cent. were inspected; 1.6 per cent. of parents declined to have their children inspected; 24.5 per cent. of the parents attended the inspection of their children.

PREVIOUS DISEASE.

The common febrile disorders of childhood had affected the children according to the following percentages:—Measles, 65.0 per cent.; Whooping Cough, 32.8 per cent.; Chicken Pox, 19.3 per cent.; Scarlet Fever, 8.1 per cent.; Diphtheria, 1.9 per cent.; Mumps, 9.9 per cent.; Rheumatism, 0.8 per cent.

VACCINATION.

29.4 per cent. were unvaccinated, the greater part of the deficiency occurring amongst the infants. In addition, 1.1 per cent., though said to have been vaccinated, had no cicatrices.

Percentage of Infants (under 6 years of age) found Unvaccinated during the last Eight Years.

		Boys.		Girls.
1909	.....	13.0	.....	14.1
1910	.....	8.3	.....	9.1
1911	.....	4.2	.....	4.7
1912	.....	23.9	.....	21.8
1913	.....	44.0	.....	45.4
1914	.....	50.8	.....	55.7
1915	.....	53.6	.....	49.6
1916	.....	55.6	.....	50.4

HEIGHT AND WEIGHT.

Table E (1) shows the average heights and weights according to "age last birthday"; and Table E (2) the heights and weights corrected to end of completed year of life.

TABLE E.—ALL SCHOOLS, SOUTHPORT.

(1) **Average Heights and Weights (to compare with Anthropometric Committee's Standards.**

BOYS.						GIRLS.					
No.	Age last Birthday	Ft. Ins.	Cms.	St. Lbs.	Kilos.	No.	Age last Birthday	Ft. Ins.	Cms.	St. Lbs.	Kilos.
39	3	3—1.4	95.0	2—5.1	15.00	43	3	3—0.8	93.5	2—3.3	14.20
81	4	3—4.0	101.6	2—8.7	16.64	85	4	3—3.0	99.1	2—7.4	16.06
158	5	3—6.4	107.7	2—12.3	18.28	156	5	3—6.1	106.9	2—11.2	17.78
60	6	3—8.6	113.3	3—1.8	19.87	94	6	3—7.9	111.5	3—0.5	19.28
188	7	3—11.2	119.9	3—7.9	22.64	191	7	3—10.7	118.7	3—5.6	21.60
228	8	4—0.3	122.7	3—10.3	23.72	225	8	3—11.7	121.2	3—7.6	22.50
47	9	4—2.4	128.0	4—3.1	26.80	45	9	4—1.6	126.0	3—12.5	24.72
38	10	4—4.4	133.1	4—6.8	28.48	38	10	4—4.1	132.3	4—5.4	27.86
45	11	4—6.4	138.2	4—12.5	31.08	43	11	4—6.3	137.9	4—13.3	31.44
352	12	4—7.7	141.5	5—3.5	33.34	308	12	4—8.1	142.5	5—3.0	33.15
75	13	4—9.2	145.3	5—11.0	36.74	90	13	4—9.6	146.3	5—6.2	34.56
26	14	5—0.4	153.4	6—7.9	37.16	7	14	5—0.3	153.2	6—4.5	40.14
4	15	5—4.4	163.6	7—8.3	48.25						
1341						1325					

EXTRACT FROM FINAL REPORT OF THE ANTHROPOMETRIC COMMITTEE, 1883.

Average stature (without shoes) at certain ages of the general population of Great Britain. (The figures are also translated into the metric system).

BOYS.					GIRLS.				
Age last Birth day.	Ft. In.	Cms.	St. Lbs.	Kilos.	Age last Birth-day.	Ft. In.	Cms.	St. Lbs.	Kilos.
5	3—5.0	104.2	2—11.9	18.09	5	3—4.6	103.1	2—11.2	17.78
6	3—8.0	111.8	3—2.4	20.15	6	3—6.9	109.0	2—13.7	18.92
7	3—10.0	116.8	3—7.7	22.54	7	3—8.5	113.1	3—5.5	21.55
8	3—11.0	119.4	3—12.9	24.90	8	3—10.6	118.4	3—10.1	23.64
9	4—1.7	126.2	4—4.4	27.40	9	4—0.7	123.7	3—13.5	25.18
10	4—3.8	131.6	4—11.5	30.62	10	4—3.1	129.8	4—6.0	28.12
11	4—5.5	135.9	5—2.0	32.66	11	4—5.1	134.9	4—12.1	30.89
12	4—7.0	139.7	5—6.7	34.79	12	4—7.7	141.5	5—6.4	34.66
13	4—8.9	144.5	5—12.6	37.46	13	4—9.8	146.8	6—3.2	39.54
14	4—11.3	150.6	6—8.0	41.62	14	4—11.8	151.9	6—12.7	43.86

**DR. TUXFORD AND DR. ASHLEIGH CLEGG'S TABLE OF
ENGLISH ELEMENTARY SCHOOL CHILDREN.**

BOYS.

GIRLS.

No.	Age last Birthday	Ft. Ins.	Cms.	St. Lbs.	Kilos.	No.	Age last Birthday	Ft. Ins.	Cms.	St. Lbs.	Kilos.
9388	3	3-0.4	92.4	2-4.8	14.86	8478	3	3-0.1	91.6	2-3.8	14.44
24047	4	3-2.7	98.2	2-7.9	16.29	21362	4	3-2.6	98.1	2-6.9	15.82
65438	5	3-4.5	103.0	2-10.7	17.54	63825	5	3-4.4	102.6	2-9.6	17.07
20554	6	3-6.5	108.0	3-0.6	19.33	21238	6	3-6.4	107.6	2-13.0	18.58
37515	7	3-9.2	114.7	3-4.7	21.20	36477	7	3-8.8	113.9	3-3.2	20.50
9684	8	3-11.0	119.3	3-8.4	22.86	12014	8	3-10.3	117.6	3-6.9	22.19
7873	9	4-1.1	124.7	3-13.4	25.12	8138	9	4-0.7	123.7	3-12.6	24.75
21579	10	4-2.9	129.4	4-4.4	27.42	21017	10	4-3.1	129.8	4-2.9	26.71
5084	11	4-4.8	134.2	4-5.6	29.93	5129	11	4-4.5	133.5	4-9.9	29.59
37230	12	4-7.0	139.8	5-2.9	33.05	36577	12	4-6.6	138.7	5-3.9	33.51
52232	13	4-8.1	142.5	5-7.5	35.15	50717	13	4-8.8	144.5	5-10.1	36.31
4342	14	4-9.9	147.1	6-0.1	38.15	3702	14	4-10.7	149.0	6-3.7	39.81

**E. (2) Average Heights and Weights corrected to end of
Completed Year of Life (Southport).**

BOYS.

1916.

GIRLS.

No.	Age.	Ft. Ins.	Cms.	St. Lbs.	Kilos.	No.	Age.	Ft. Ins.	Cms.	St. Lbs.	Kilos.
25	3	3-0.4	92.5	2-3.0	14.06	23	3	2-11.6	90.4	2-2.0	13.61
59	4	3-3.0	99.1	2-7.1	15.92	68	4	3-2.0	96.5	2-6.2	15.51
125	5	3-5.4	105.2	2-10.4	17.41	124	5	3-4.6	103.1	2-9.6	17.05
108	6	3-7.7	111.0	3-0.6	19.32	134	6	3-7.9	111.5	3-0.0	19.05
82	7	3-10.1	117.1	3-4.9	21.27	73	7	3-9.2	114.8	3-3.4	20.60
322	8	3-11.8	121.4	3-9.2	23.22	330	8	3-11.1	119.7	3-6.5	22.00
62	9	4-1.9	126.7	4-1.0	25.85	72	9	4-1.0	124.5	3-10.6	23.87
38	10	4-3.3	130.3	4-4.0	27.22	35	10	4-2.9	129.3	4-2.1	26.34
40	11	4-5.5	135.9	4-10.6	30.22	39	11	4-5.3	135.4	4-10.3	30.08
249	12	4-7.0	139.7	5-0.8	32.12	207	12	4-6.8	139.2	4-12.4	31.03
174	13	4-8.4	143.2	5-7.1	34.97	187	13	4-9.0	144.8	5-7.7	35.24
48	14	4-11.1	150.1	6-2.5	39.24	30	14	4-11.4	150.9	5-13.6	37.92
9	15	5-2.0	157.4	6-13.3	44.14	3	15	5-0.9	154.7	6-5.5	40.60
1341						1325					

RINGWORM.

Seven cases were encountered at the inspection.

With 111 cases discovered in other ways, chiefly by teachers or in the course of Inspection under the Children Act, and 20 cases brought forward uncured at the end of the previous year, 138 cases altogether were met with. (See "Following-up Return," page 11).

CLEANLINESS—STATE OF HAIR.

There were 835 cases of nits in the hair (31.3 per cent.), including 9.4 per cent. of the boys and 53.5 per cent. of the girls.

CARIOUS PERMANENT TEETH.

35.3 per cent. of the children over six years of age have one or more permanent teeth carious. In many cases the six-year-old molars begin to decay as soon as they are erupted. At leaving the percentage is 62.5 which is a considerable reduction on the percentage found defective in previous years. (See "Following-up" Return, page 11). These figures should be compared with those of other places.

ENLARGED TONSILS AND ADENOIDS.

12.7 per cent. of the children were affected, and of these 90 were cases requiring removal.

ENLARGED GLANDS IN THE NECK.

4.2 per cent.; only a small proportion would be tubercular.

DEFECTIVE VISION.

435 children. 20.6 per cent. failed to read $\frac{5}{8}$ with each eye, and all these are classified as defective.

EXTERNAL EYE DISEASE.

1.6 per cent. (squint 0.7).

EAR DISEASE.

Otorrhœa, 0.8 per cent.

DEAFNESS.

308 = 11.6 per cent.; mostly due to wax.

CARDIAC DISEASE.

10 = 0.4 per cent.

LUNG DISEASE.

Some 10 cases of fairly definite Bronchitis were met with. No case of Phthisis was discovered at the routine inspection.

NERVOUS DISEASE.

4 = 0.2 per cent.

TUBERCULOSIS.

(Not Lung or Gland); no cases.

RICKETS.

30 = 1.1 per cent.

METHODS EMPLOYED OR AVAILABLE FOR TREATMENT OF DEFECTS.

DEFECTIVE VISION.

Spectacles prescribed (1916)	137
Spectacles obtained	115

EYE CASES ASSISTED BY COMMITTEE.

Number of Spectacles found by Committee	31
Spent by Committee on account of same	£6 13s. 6d.
Received from parents on account of same	£1 5s. 6d.

REPORT OF OPHTHALMIC SURGEON.

435 cases were referred to the Eye Surgeon by the School Medical Officer, of which number 344 were seen. The total attendances numbered 528. 166 children were given atropine; six failed to return for refraction; whilst two parents absolutely declined to have their children's eyes seen to. 137 pairs of Glasses were prescribed. 45 cases of Myopia were attended to.

A. A. BRADBURNE, F.R.C.S.E.

TONSILS AND ADENOIDS.

Out of 164 cases urgently demanding surgical interference, 86 were operated upon by the Committee's Nose and Throat Specialist.

CARIOUS TEETH.—(For Report see page 17).

NITS IN THE HAIR. (GIRLS ONLY).

INSPECTIONS UNDER EDUCATION (Ad. Prov.). ACT, 1907.

School.	1913. %	1914. %	1915 %	1916. %
Ainsdale C. E.	74.3	78.3	56.3	67.7
Ainsdale Council	47.1	33.3	43.8	37.5
Ainsdale R. C.	30.0	70.0	50.0	45.5
All Saints' C. E.	47.6	56.1	65.6	48.3
Birkdale C. E.	57.3	57.3	43.3	48.2
Birkdale Council	70.9	74.1	63.6	62.6
Blowick C. E.	56.3	54.7	58.2	43.2
Churchtown Council	42.4	45.2	49.2	53.1
Crossens C. E.	43.5	55.0	34.0	31.7
Dean Cooke Mem. R. C.	70.0	60.0	52.3	53.7
Emmanuel C. E.	29.7	37.5	9.1	31.3
Holy Trinity C. E.	41.1	45.9	40.5	43.8
Linaker Street Council	66.4	67.7	61.3	63.3
St. Luke's C. E.	42.6	43.3	27.3	22.6
St. Marie's R. C.	78.6	86.2	52.8	56.3
St. Peter's C. E.	54.3	76.0	51.9	62.8
St. Philip's C. E.	44.3	38.6	25.6	36.8
S.S. Simon & Jude's C. E.	49.7	66.4	56.7	62.0
St. Teresa's R. C.	63.8	76.4	69.6	67.7
Total.....	55.3	61.9	53.0	53.5

RINGWORM.

Twelve cases were treated by the X-Ray method with satisfactory results.

INSPECTED AT SCHOOL UNDER CHILDREN ACT, 1908.

Number Inspected, 1916..... 15,956.

NURSES' VISITS.

Abscess	3	Lupus	11
Anæmia	5	Malnutrition	28
Bronchitis	10	Nits	1666
Clothing and Footgear	111	Otorrhœa	76
Defective Vision	670	Phthisis	4
Dirty	29	Rickets	1
Eczema	2	Ringworm	14
Eye Trouble	50	Running Ears.....	76
Glands	58	Scabies	4
Hearing	285	Teeth	1794
Heart	105	Tonsils and Adenoids	169
Impetigo	307	Verminous	71

(Two or more defects are frequently present in the same child).

ATTENDANCES ON SCHOOL MEDICAL OFFICER AT CLINIC.

Abscess	27	Glands	31
Accident	1	Headache	8
Alopecia Areata.....	5	"Healthy"	17
Anæmia	12	Impetigo	290
Angular Curvature.....	1	Infantile Paralysis	2
Appendicitis	3	Influenza	21
Asthma	1	Jaundice	1
Blepharitis	6	Malnutrition	6
Boil	14	Measles	2
Bronchitis	2	Mumps	2
Cardiac Disease.....	29	Mouth Breather	1
Chest Trouble	6	Nits	1
Chicken Pox	20	Ophthalmia	16
Chilblains	27	Otorrhœa	32
Chorea	7	Phthisis	9
Clothing and Footgear.....	1	Pityriasis	9
Cold	12	Psoriasis	12
Corneal Ulcer.....	29	Rash	3
Cough	3	Rheumatism	13
Defective Hearing	21	Rickets	1
Defective Sight	57	Rigg's Disease	1
Diphtheria	19	Ringworm	604
Earache	33	Scabies	76
Eczema	7	Scald	1
Epilepsy	4	Scarlet Fever	88
Foreign body in Ear.....	1	Septic Toe	5
Ganglion	5	Sores	75
German Measles	1	Sore Throat	23

Sprained Hand	1	Whooping Cough	5
Stye	8	Worms	8
Teeth	33	Wounds	9
Tonsillitis	61		
Tonsils and Adenoids	66	Total, 1916	1917
Urticaria	3		
Verminous Head	13	Total, 1915	1038
Whitlow	6		

CASES ATTENDED TO BY SCHOOL NURSES AT CLINIC.
(Not included in above Table).

Abscess	4	Ringworm	10
Boil	4	Scabies	12
Headache	1	Sores	7
Impetigo	97	Verminous	1
Influenza	1	Wound	1
Ophthalmia	3		
Otorrhoea	10		
			157

FOLLOWING-UP RETURN, 1916.

Defect.	Cases brought forward at end of 1915.	New Cases	Total	No Report	Left.	Un treated at end of 1916.	Treated				
							Cured	Im-proving	Un-changed	% 1916	% 1915
Tonsils and Adenoids.....	74	90	164	3	21	54	86	—	—	52.4	57.7
Visual Defects ...	34	454	488	58	30	120	A277	3	—	57.4	85.7
Hearing Defects...	22	299	321	79	19	30	186	6	1	60.1	85.9
Eye Trouble	11	23	34	2	1	1	24	4	2	88.2	92.0
Running Ears ...	19	23	42	2	10	5	9	16	—	59.5	76.4
Lungs :											
1. Bronchitis ...	—	5	5	—	1	—	2	1	1	80.0	64.8
2. Phthisis ...	3	—	3	—	1	—	2	—	—	66.7	76.9
Heart	63	8	71	6	20	7	9	—	29	53.5	37.2
Ringworm	20	118	138	—	1	—	85	52	—	99.3	100.0
Scabies	4	29	33	—	1	—	12	20	—	97.0	75.0
Impetigo	1	140	141	—	2	—	138	1	—	98.6	99.3
Verminous Head..	113	67	B180	—	5	—	175	—	—	97.2	89.1
Verminous Body..	—	7	B7	—	1	—	6	—	—	85.7	100.0
Malnutrition	27	5	32	—	15	4	8	3	2	40.6	45.0
Eczema	1	3	4	—	—	—	3	1	—	100.0	100.0
Clothing and Footgear	—	67	67	5	3	—	59	—	—	88.1	—
Speech.....	—	5	5	3	—	1	—	—	1	20.0	—
Glands.....	—	6	6	—	1	1	2	1	1	66.7	—
†Teeth.....	351	748	1099	172	177	236	c498	D16	—	46.8	49.4

A Proper spectacles supplied, or certified by the Ophthalmic Surgeon to be able to manage without them.

B This number is the number of exclusions, and includes numerous relapses ; in many instances the same name occurs many times.

C Extracted and conservative treatment. D Partly Extracted.

†Cases found by School Dentist not included.

CASES SEEN BY SCHOOL MEDICAL OFFICER AT SCHOOL.

Accidents	3	Otorrhœa	1
Bronchitis	2	Scabies	1
Eye Trouble	9	Speech	1
"Healthy"	13	Teeth	16
Hearing	5	Tonsils and Adenoids	2
Heart	1	Vision	13
Impetigo	20		
Nits	1	Total.....	88

CASES TREATED.

Accident	1	Foreign body in Ear removed..	1
Teeth Extracted	23		

MISCELLANEOUS.

A Course of Physical Training is being given to about 20 children, specially requiring same, by Mr. A. Alexander, of the Southport Physical Training College, to their very great advantage.

The National Society for the Prevention of Cruelty to Children has been occasionally invoked, and its efforts are successful in securing alleviation in certain refractory cases.

Four cases of Phthisis were treated at the Corporation Hospital, with one exception, with favourable results.

ACTION TAKEN TO DETECT AND PREVENT THE SPREAD OF INFECTIOUS DISEASE.

The practice of having all children who have suffered from Scarlet Fever examined by the School Medical Officer before their return to School has been continued; since it was begun no School within the area of the Authority has required closure on account of an outbreak of Scarlet Fever.

REPORTED TO MEDICAL OFFICER OF HEALTH BY SCHOOL
MEDICAL OFFICER:—

Glands in Neck	112
Sleeping "four in a room"	346

PUBLIC ELEMENTARY SCHOOLS CLOSED BY ORDER OF
THE SANITARY AUTHORITY, 1916.

School.	Department.	Date of Closure.	Period of Closure.	Cause.
All Saints C.E.	Infants.	Jan 7th.	2 weeks	Measles
"	"	Jan. 21st.	Further 1 week	"
Blowick C.E.	Infants.	Jan. 7th.	2 weeks	"
"	"	Jan 21st.	Further 1 week	"
Holy Trinity C.E.	Infants.	Jan. 7th.	2 weeks	"
Birkdale St. John's C.E. ...	Infants.	Jan. 28th.	3 weeks	"
"	"	Feb. 18th.	Further 1 week	"
Dean Cooke Memorial R.C. ...	Infants.	Feb. 25th.	2 weeks	"
"	"	June 5th.	2 weeks	"
"	"	June 19th.	Further 2 weeks	"
St. Peter's C.E.	Infants.	Feb. 25th.	2 weeks	"
"	"	March 10th.	Further 2 weeks	"
"	"	March 24th.	Further 1 week	"
Birkdale Council	Infants.	Feb. 25th.	2 weeks	"
"	"	March 10th.	Further 2 weeks	"
"	"	March 24th.	Further 1 week	"
St. Teresa's R.C.	Infants.	Feb. 25th.	2 weeks.	"
"	"	March 10th.	Further 2 weeks	"
"	"	March 24th.	Further 1 week	"
Churchtown Council.....	Infants.	May 24th.	2 weeks	"
"	"	June 7th.	Further 2 days	"
S.S. Simon & Jude's C.E. ...	Infants.	June 17th.	2 weeks	"
"	"	July 1st.	Further 1 week	"
Emmanuel C.E.	Infants.	June 17th.	2 weeks	"
"	"	July 1st.	Further 1 week	"

NOTIFICATIONS OF INFECTIOUS DISEASE.

	Affecting the School Children only.			All cases in the area.		
	1914	1915	1916	1914	1915*	1916*
Diphtheria	12	35	35	57	69	83
Scarlet Fever	62	176	55	161	309	150
Measles	403	259	501	938	685	1062
Whooping Cough	124	192	9	348	588	122
Chicken Pox	115	159	178	208	376	362

* Excluding Military Cases.

EXCLUDED UNDER SECTION 53 (b) OF THE CODE. (CASES FOUND AT SCHOOL).

Bronchitis	1
Chicken Pox	9
Deafness	1
Diphtheria	2
German Measles	1
Impetigo	2
Nits	1
Ringworm	108
Scabies	29
Scarlet Fever	1
Verminous	56

The large number of verminous cases is explained by their being discovered by persistent inspection under the Children Act, and a certain proportion of them are recurrences, but there is evidence of improvement.

METHODS ADOPTED AND THE ADEQUACY OF SUCH METHODS FOR DEALING WITH DEFECTIVE AND EPILEPTIC CHILDREN.

CHILDREN IN SPECIAL SCHOOLS.

At the Deaf and Dumb School, Oxford Street, Liverpool.....	1 girl
At the Colony for Epileptics, Starnthwaite	2 boys
At the Royal School for the Deaf and Dumb, Longsight, Manchester	4 girls

CHILDREN IN INDUSTRIAL SCHOOLS.

On Industrial Ship, "Clio," Bangor, N.W.	1 boy
At Industrial School, Marygate, York	8 boys
At Industrial School, 84, Lowther Street, York	3 girls
At St. Joseph's R.C. Industrial School, Victoria Street, Manchester..	1 girl
At St. Joseph's R.C. Industrial School, Longsight, Manchester ...	3 boys
On Wellesley Training Ship, South Shields	1 boy
At Macclesfield Industrial School	5 boys
At Industrial School, Shadwell, Leeds	2 boys

MISCELLANEOUS WORK.

Examined and Passed:—

For Secondary School	19
For Gymnastics and Out-door Games.....	19
For Industrial School	4
For Epileptic Home	1

PROVISION OF MEALS.

969 meals were provided to 29 children during the period February 7th to April 20th, 1916.

SCHOOL NURSES' TIME.

Hours spent at Medical Clinic	435
Hours spent at Schools at routine Inspections...	512

RETURN OF DEFECTS FOUND IN THE COURSE OF MEDICAL INSPECTION.

Defect or Disease. (1)	CODE GROUPS.		SPECIALS.	
	Number referred for treatment (2)	Number requiring to be kept under observation but not referred for treatment. (3)	Number referred for treatment (4)	Number requiring to be kept under observation but not referred for treatment. (5)
Malnutrition	5	2	—	—
Uncleanliness :—				
Head	—	835	67	—
Body	13	—	7	—
Skin :—				
Ringworm	7	—	111	—
Scabies	1	—	28	—
Impetigo	60	—	80	—
Other Disease	8	—	—	—
Eye :—				
Defective vision and squint	454	—	—	—
External eye disease	23	—	—	—
Ear :—				
Defective hearing	299	9	—	—
Ear disease	20	—	3	—
Teeth :—				
Dental disease		see page 17		
Nose and Throat :—				
Enlarge Tonsils or Adenoids ...	90	249	—	—
Defective Speech	—	7	—	—
Heart and Circulation :—				
Heart disease—				
Organic	—	9	—	—
Functional	1	—	—	—
Anæmia	5	—	—	—
Lungs :—				
Pulmonary Tuberculosis	—	—	—	—
Definite	—	—	—	—
Suspected	—	—	—	—
Bronchitis	10	—	—	—
Other disease	1	—	—	—
Nervous System :—				
Epilepsy	—	—	—	—
Chorea	—	—	—	—
Other disease	—	4	—	—
Non-pulmonary Tuberculosis				
Glands	6	106	—	—
Bones and Joints	—	—	—	—
Other forms	—	—	—	—
Rickets	—	30	—	—
Deformities	—	24	—	—

REPORT OF SCHOOL DENTAL SURGEON.

Month.	Schools Visited.	Children examined. Ages 6, 7, 8, 9 & 10	Children needing treatment	Appointments Made	Number treated	EXTRACTIONS.				Fillings	Dressings.	Total Teeth Treated.
						Anæsthetics						
						No.	Perm't	Loc.	N ₂ O			
January	3	324	302	271	299	485	31	282	...	A 202	B 7	C 694
February ...	...	...	...	168	180	341	28	232	...	106	...	447
March .....	...	...	...	...	...	...	...	...	...	...	...	...
April .....	...	...	...	...	...	...	...	...	...	...	...	...
May .....	...	...	...	...	...	...	...	...	...	...	...	...
June .....	...	...	...	...	...	...	...	...	...	...	...	...
July	1	241	198	453	413	637	104	339	66	241	72	950
September ...	1	63	63	218	296	556	60	493	...	160	26	742
October	1	67	67	328	372	747	91	684	...	183	28	958
November ...	3	403	389	301	264	432	71	395	9	146	...	578
December ...	...	...	...	304	292	481	110	458	8	122	...	603
TOTALS	9	1098	1019	2043	2116	3679	495	2883	83	1160	133	4972

A. Fillings were mainly of Amalgam, alone or in combination. Artificial Enamel was used where æsthetic effect was desired.

B. The majority of Dressings were compounds with Silver Nitrate or other antiseptic.

C. Does not include Teeth regulated

Mr. Highton (Temporary School Dentist) joined the Forces in February. Mr. Bowden commenced duties as Temporary School Dentist in July. There was thus a hiatus of about four months.

SUMMARY OF EXAMINATION.

	BOYS.						GIRLS.					
	Temporary Teeth.			Permanent Teeth			Temporary Teeth.			Permanent Teeth		
Teeth Recorded ..	1866			3471			1835			4065		
	Sound.	Sav-able.	Un-sav-able.	Sound.	Sav-able.	Un-sav-able.	Sound.	Sav-able.	Un-sav-able.	Sound.	Sav-able.	Un-sav-able.
Charted	1178	236	452	3305	153	13	1198	192	445	3858	181	26
Percentage	63.13	12.65	24.22	95.22	4.41	0.37	65.29	10.46	24.25	94.91	4.45	0.64

ALL SCHOOLS, SEPARATE AGES. Table B.

	BOYS						GIRLS						Grand Total					
	Leaving.		Age 8.		Infants.		Leaving.		Age 8.		Infants.			Total				
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		No.	%			
Number Listed for Inspection	522	...	594	...	318	...	1434	...	487	...	637	...	334	...	1458	...	2892	...
Number actually Inspected	502	96.2	562	94.6	277	87.1	1341	93.5	448	92.0	595	93.4	282	84.4	1325	90.9	2666	92.5
Parent Present	49	9.8	128	22.8	110	39.7	287	21.4	79	17.6	173	29.1	113	40.1	365	27.5	652	24.5
Parent Refused Inspection	4	0.8	11	1.9	...	...	15	1.0	15	3.3	12	1.9	5	1.5	32	2.2	47	1.6
Had Measles	378	75.3	373	66.4	115	41.5	866	64.6	365	81.5	399	67.1	102	36.2	866	65.4	1732	65.0
Whooping Cough	165	32.9	208	37.0	48	17.3	421	31.4	180	40.2	221	37.1	53	18.8	454	34.3	875	32.8
Chicken Pox	93	18.5	112	19.9	26	9.4	231	17.2	132	29.5	136	22.9	15	5.3	283	21.4	514	19.3
Scarlet Fever	58	11.6	43	7.7	9	3.2	110	8.2	51	11.4	47	7.9	9	3.2	107	8.1	217	8.1
Diphtheria	17	3.4	11	2.0	1	...	29	2.2	15	2.9	8	1.3	...	...	21	1.6	50	1.9
Mumps	83	16.5	47	8.4	5	1.8	135	10.1	88	19.6	41	6.9	1	...	130	9.8	269	9.9
Other serious Disease	13	2.6	2	0.4	...	...	15	1.1	13	2.9	7	1.2	1	...	21	1.6	36	1.4
Unvaccinated	39	7.8	203	36.1	154	55.6	396	29.5	32	7.1	213	35.8	142	50.4	387	29.2	783	29.4
Said to have been vaccinated but have no marks (returned as vaccinated)	7	1.4	6	1.1	3	1.1	16	1.2	5	1.1	6	1.0	3	1.0	14	1.1	30	1.1
Attend School irregularly	11	2.2	8	1.4	12	4.3	31	2.3	14	3.1	15	2.5	9	3.2	38	2.9	69	2.5
Unsatisfactory Clothing	2	0.4	6	1.1	...	...	8	0.6	1	...	3	0.5	1	...	4	0.4	13	0.5
Unsatisfactory Footgear	10	2.0	18	3.2	4	1.4	32	2.4	2	0.4	12	2.0	12	4.3	26	2.0	58	2.2
Defective Nutrition	2	0.4	1	...	...	...	3	0.2	3	0.7	1	...	...	...	4	0.3	7	0.3
Nits in the Hair	34	6.8	65	11.6	27	9.7	126	9.4	269	60.0	311	52.3	129	45.7	709	53.5	835	31.3
Bodies Dirty	6	1.1	2	0.7	...	...	8	0.6	2	0.4	1	...	...	...	5	0.4	13	0.5
*Permanent Carious Teeth	308	61.4	61	10.9	...	...	369	34.7	285	63.6	90	15.1	...	...	375	35.0	744	35.0
Enlarged Tonsils or Adenoids	47	9.4	82	14.6	41	14.8	170	12.7	52	11.6	80	13.4	37	13.1	169	12.8	339	12.7
Glands in the Neck	15	3.0	33	5.9	16	5.8	64	4.8	12	2.7	27	4.5	9	3.2	48	3.6	112	4.2
*External Eye Disease	3	0.6	14	2.5	5	1.8	22	1.6	5	1.1	11	1.8	4	1.4	20	1.5	42	1.6
*Defective Vision	89	17.7	112	19.9	...	...	201	18.9	90	20.1	144	24.2	...	...	234	22.4	435	20.6
Otorrhoea	6	1.2	4	0.7	1	...	11	0.8	4	0.9	3	0.5	...	...	20	1.6	20	0.8
Defective Hearing	66	13.1	73	13.0	25	9.0	164	12.2	58	13.0	67	11.3	19	6.7	144	10.9	308	11.6
*Speech Defects .....	...	...	4	0.7	...	...	4	0.3	...	...	1	...	2	0.7	3	0.2	7	0.3
Mentally Deficient .....	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...
Mentally Backward	6	1.2	2	0.4	...	...	8	0.6	6	1.3	2	0.3	...	...	8	0.6	16	0.6
*Cardiac Disease	1	...	1	...	...	...	2	0.1	4	0.9	4	0.7	...	...	8	0.6	10	0.4
*Lung Disease	3	0.6	2	0.4	2	0.7	7	0.5	1	...	2	0.3	1	...	4	0.3	11	0.4
*Nervous Disease	2	0.4	1	...	...	...	3	0.2	1	...	...	...	...	...	4	...	4	0.2
*Tuberculosis (not Lungs or Glands) .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*Rickets	10	2.0	9	1.6	1	...	20	1.5	3	0.7	6	1.0	1	...	10	0.8	30	1.1
*Deformities	9	1.8	4	0.7	1	...	14	1.0	4	0.9	4	0.7	2	0.7	10	0.8	24	0.9
*Other Disease or Defect	37	7.4	36	6.4	16	5.8	89	6.6	29	6.5	30	5.0	15	5.4	74	5.7	161	6.1
Attend Sunday School	427	85.1	422	75.1	168	60.6	1017	75.8	400	89.3	470	79.0	177	62.8	1047	79.0	2064	77.4
Attend extra Classes (indoor)	176	35.1	38	6.8	3	1.1	217	16.2	159	35.5	38	6.4	...	...	197	14.9	414	15.5
Members of Boys' Brigades	40	8.0	1	...	...	...	41	3.1	...	...	...	...	...	...	...	...	...	...
Boy Scouts	24	4.8	2	0.4	...	...	26	1.9	...	...	...	...	...	...	...	...	...	...
Attend Swimming, Gymnasium, or other physical training, not included above, out of School .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Doing paid work 1. In a trade .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
out of School 2. Errands and the like	102	20.3	9	1.6	...	...	111	8.3	1	...	...	...	...	...	1	...	112	4.2
Family History of Tuberculosis	21	4.2	5	0.9	...	...	26	1.9	23	5.1	14	2.4	2	0.7	39	2.9	65	2.4
Sleeping four, or more, in one room	48	9.6	81	14.4	45	16.2	174	13.0	45	10.0	83	13.9	4	15.6	172	13.0	346	13.0
Sleeping with window closed	98	19.5	214	38.1	127	45.8	439	32.7	90	20.1	245	41.2	130	46.1	465	35.1	904	33.9

a See Table D. *Children younger than 6 years not included in these percentages.

Percentages are calculated on the number actually inspected, except in the cases of "Number actually inspected," and "Parent refused inspection," which are calculated on the number listed for inspection.

THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

BY

JOHN BURNET

OF

THE UNIVERSITY OF OXFORD

IN TWO VOLUMES

LONDON

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Vol. I.

CHAP. I.

THE

REIGN OF

CHARLES THE FIRST

ALL SCHOOLS, SEPARATE AGES. Table D.

The less frequent Ailments, past and present ; and a classification of Various Diseases and Defects.

BOYS.

GIRLS.

	Leav- ing.	Age 8.	In- fants.	Total	Leav- ing.	Age 8.	In- fants.	Total	Grand total	
	No.	No.	No.	No.	No.	No.	No.	No.	No.	%
NUMBER INSPECTED	502	562	277	1341	448	595	282	1325	2666	
OTHER SERIOUS DISEASE (Past) ...	13	2	...	15	13	7	1	21	36	1.4
Acute Nephritis	1	...	...	1	...	...	...	...	1	...
Appendicitis .....	...	2	...	2	3	...	...	3	5	...
Chorea.....	1	...	...	1	1	...	...	1	2	...
Rheumatism	10	...	...	10	5	6	...	11	21	0.8
Typhoid	1	...	...	1	4	1	1	6	7	...
EXTERNAL EYE DISEASE	3	14	5	22	5	11	4	20	42	1.6
Blepharitis .....	...	2	1	3	1	...	...	1	4	...
Cataract .....	...	...	...	...	1	...	...	1	1	...
Coloboma .....	...	...	...	...	...	...	1	1	1	...
Corneal Ulcer ...	...	...	1	1	...	3	...	3	4	...
Eczema Tarsi	1	2	...	3	1	1	...	2	5	...
Nebula	1	2	1	4	...	1	...	1	5	...
Nystagmus .....	...	...	...	...	1	...	...	1	1	...
Ophthalmia .....	...	...	...	...	...	1	...	1	1	...
Prolapsed Iris .....	...	...	...	...	...	1	...	1	1	...
Strabismus	1	8	2	11	1	4	3	8	19	0.7
SPEECH DEFECTS .....	...	4	...	4	...	1	2	3	7	0.3
Defective Articulation .....	...	1	...	1	...	1	1	2	3	...
Stammer .....	...	3	...	3	...	...	1	1	4	...
CARDIAC DISEASE	1	1	...	2	4	4	...	8	10	0.4
Arrhythmia .....	...	...	...	...	...	1	...	1	1	...
Mitral Regurgitation	1	1	...	2	3	3	...	6	8	0.3
Mitral Stenosis .....	...	...	...	...	1	...	...	1	4	...
LUNG DISEASE	3	2	2	7	1	2	1	4	11	0.4
Asthma	1	...	...	1	...	...	...	...	1	...
Bronchitis	2	2	2	6	1	2	1	4	10	0.4
NERVOUS DISEASE	2	1	...	3	1	...	...	1	1	...
Infantile Paralysis	2	1	...	3	1	...	...	1	4	...
RICKETS	10	9	1	20	3	6	1	10	30	1.1
Curved Tibia	1	...	...	1	...	2	...	2	3	...
Cenu Valgum	2	...	...	2	...	...	...	...	2	...
Pigeon Breast	7	9	1	17	3	4	1	8	25	0.9

ALL SCHOOLS, SEPARATE AGES. Table D—(continued).

BOYS.

GIRLS.

	Leav- ing.	Age 8.	In- fants.	Total	Leav- ing.	Age 8.	In- fants.	Total	Grand Total	
NUMBER INSPECTED ...	502	562	277	1341	448	595	282	1325	2666	
DEFORMITIES	9	4	1	14	4	4	2	10	24	0.9
OTHER DISEASE OR DEFECT	37	36	16	89	29	30	15	74	163	6.1
Abscess	1	1	...	2	...	...	...	...	2	...
Accessory Auricle	1	...	...	1	1	...	...	1	2	...
Alopecia Areata .....	...	...	1	1	1	...	1	2	3	...
Amputated Finger	1	...	...	1	...	...	...	...	1	...
Anæmia	1	1	...	2	...	2	1	3	5	...
Angular Curvature	1	...	...	1	...	...	...	...	1	...
Branchial Cartilage .....	...	1	...	1	...	...	...	...	1	...
Boil	1	...	...	1	...	...	...	...	1	...
Chilblains .....	...	...	...	...	1	...	...	1	1	...
Cleft Palate .....	...	...	...	...	1	...	1	2	2	...
Congenital Dislocation of Hip ...	...	1	...	1	...	...	...	...	1	...
Deflected Nasal Septum	1	...	...	1	...	...	...	...	1	...
Eczema .....	...	1	...	1	...	1	...	1	2	...
Epulis .....	...	...	...	...	...	1	...	1	1	...
Fractured Elbow	1	...	...	1	...	...	...	...	1	...
Ganglion .....	...	1	...	1	...	...	1	1	2	...
Hydrocephalus .....	...	...	1	1	...	...	...	...	1	...
Ichthyosis	1	...	1	2	...	...	...	...	2	...
Impetigo	10	15	8	33	7	11	9	27	60	2.3
Inguinal Hernia .....	...	...	...	...	1	...	...	1	1	...
Keel-Shaped Palate .....	...	1	...	1	1	...	...	1	2	...
Lateral Curvature .....	...	...	...	...	1	1	...	2	2	...
Microdactyly	3	...	...	3	...	...	...	...	3	...
Mole .....	...	...	...	...	...	...	1	1	1	...
Navus .....	...	...	...	...	...	2	...	2	2	...
Old Ankylosed Hip	1	...	...	1	...	...	...	...	1	...
Pityriasis .....	...	...	...	...	...	...	1	1	1	...
Polypus .....	...	...	...	...	1	...	...	1	1	...
Psoriasis .....	...	...	...	...	...	1	...	1	1	...
Rhinitis .....	...	1	...	1	...	...	...	...	1	...
Ringworm	1	2	...	3	1	2	1	4	7	0.3
Scabies .....	...	1	...	1	...	...	...	...	1	...
†Scar	18	13	6	37	14	11	1	26	63	2.4
Shortened Femur .....	...	...	...	...	...	1	...	1	1	...
Sting	1	...	...	1	...	...	...	...	1	...
Talipes	1	1	...	2	...	...	...	...	2	...
Tonsillitis	2	...	...	2	2	...	...	2	4	...
Torticollis .....	...	...	...	...	1	1	...	2	2	...

†Secondary to Healed Tubercle, Surgical Operations, Burns, etc.