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County Borough of Southport

EDUCATION COMMITTEE.

SIXTEENTH ANNUAL REPORT

ON THE

Medical Inspection of
School Children

FOR THE YEAR 1924,

BY


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

School Medical Officer.

SOUTHPORT :

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

1925.



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To the Chairman and Members of the Education Committee.

The School Medical Officer begs to present his Report for the year 1924.

CHARGES FOR TREATMENT.

An attempt is being made to put the following scheme into operation :—

Free medical treatment where the weekly income does not exceed 12/6 per head, with a minimum total income of 55/- after deducting rent.

The following charges are to be made to the parents who have an income in excess of the above-named scale, viz. :

Minor AilmentsFree for the first fortnight.

For very protracted treatment :

1/- for three months' treatment,

2/- for six months' treatment.

Dentistry6d. per attendance, or an inclusive fee of 1/- for complete treatment.

SpectaclesCost price.

Operative treatment of
Tonsils & Adenoids ...7/6 per case.

It remains to be seen how this will pan out in practice, and one is not optimistic.

It will be in the last degree regrettable if the attempt to collect trivial amounts, although successful, in any way reduces the sum of valuable work which is being done at the various clinics.

One looks back with some regret to the burial of the scheme once suggested here, namely, that every child in the schools should pay say 1d. or 2d. per month and be made free of all clinics ; I estimated that this would have produced £300 or £600 per annum without creating any disturbance, that it would have been quite easy to collect at the schools, and that probably few if any would have declined to make the payment. In this way a sort of insurance benefit scheme would have been established and the parents and children would have felt they were paying something for the benefit received and would on that account no doubt have valued them more highly.

CHURCH STREET ALTERATIONS AND EXTENSIONS.

The delay in proceeding with the work is highly vexing. The practical side of the administration cares rather less than nothing whether the requisite loan is granted under the Education Acts or the Ministry of Health Acts.

What is wished is that the building should be proceeded with without a moment's delay.

Work is being very seriously cramped for space ; for instance it has been impossible to instal the second Dentist established some time ago, and the Dental work is falling in arrears.

SCHOOL PREMISES.

Complete reports on the structural condition of the school buildings for each school are gradually being completed and sent in.

Each of these indicates that large expense will be required to put the schools into a satisfactory condition in that regard.

Although one is aware that the average school affords a better environment for the child than the average home, it is important that the school should serve as some approach to a proper standard of structural and building environment. This is far from being the case at present.

G. C. BARNES,

SCHOOL MEDICAL OFFICER.

GENERAL REVIEW OF THE FACTS DISCLOSED BY THE ROUTINE MEDICAL INSPECTION.

PROPORTION OF CHILDREN ACTUALLY INSPECTED.

Out of 2,553 children placed on the list for inspection, 91.2 per cent. were inspected; 1.7 per cent. of parents declined to have their children inspected 29.6 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, 62.0 per cent.; Whooping Cough, 37.9 per cent.; Chicken Pox, 27.3 per cent.; Scarlet Fever, 4.7 per cent.; Diphtheria, 1.9 per cent.; Mumps, 0.8 per cent.; Other Serious Disease, 4.9 per cent.

VACCINATION.

61.4 per cent. were unvaccinated, the greater part of the deficiency occurring amongst the infants. In addition, 0.6 per cent., though said to have been vaccinated, had no cicatrices.

Percentage of Infants (under 6 years of age) found unvaccinated
during the past Eleven years.

		Boys.		Girls.
1914	.....	50.8	.....	55.7
1915	.....	53.6	.....	49.6
1916	.....	55.6	.....	50.4
1917	.....	60.2	.....	57.5
1918	.....	63.4	.....	63.6
1919	.....	68.8	.....	67.1
1920	.....	68.5	.....	66.7
1921	.....	73.0	.....	68.4
1922	.....	69.0	.....	73.6
1923	.....	69.3	.....	68.0
1924	.....	76.4	.....	72.8

CLEANLINESS—STATE OF HAIR.

There were 453 cases of nits in the hair (19.5 per cent.), including 10.3 per cent. of the boys and 30.0 per cent. of the girls.

The following Table shows the percentage of girls found at the Routine Inspection with nits in the hair, during the past five years :—

NITS IN THE HAIR (GIRLS ONLY).

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

School.	1920		1921		1922		1923		1924	
	Girls. %	Infsts. %	Girls. %	Infsts. %	Girls. %	Infsts. %	Girls. %	Infsts. %	Girls. %	Infsts. %
Ainsdale C.E.	50.0	75.0	46.2	—	22.2	20.0	38.5	—	41.2	30.0
Ainsdale R.C.	—	33.3	—	—	50.0	—	28.6	—	40.0	25.0
All Saints' C.E.	65.9	27.3	30.3	25.0	63.4	—	21.9	29.0	34.8	33.3
Birkdale C.E.	53.6	48.4	53.6	31.6	28.6	38.5	24.2	15.4	46.5	28.6
Birkdale Council	50.6	38.1	50.5	27.3	31.2	33.3	41.4	27.0	57.6	42.3
Blowick C.E.	28.3	33.3	51.0	28.6	46.2	22.0	41.4	19.5	25.0	12.0
Churchtown Council ...	37.3	9.1	26.1	28.0	34.1	13.3	11.3	16.0	5.0	12.0
Crossens C.E.	7.5	8.3	27.8	53.3	27.0	25.0	20.0	11.0	20.5	4.2
Dean Cooke Mem. R.C.	38.5	50.0	50.0	55.6	25.0	25.0	10.5	40.0	23.3	—
Emmanuel C.E.	—	10.5	—	9.7	—	15.4	—	4.8	—	33.3
Holy Trinity C.E. ...	29.4	35.7	47.8	23.5	37.0	51.3	23.8	29.2	19.4	13.8
Linaker Street Council	33.3	34.0	52.4	44.1	20.7	43.1	41.5	32.2	47.4	31.7
St. Luke's C.E.	—	27.8	—	30.4	—	24.1	—	13.6	—	5.9
St. Marie's R.C.	50.0	29.4	62.5	42.9	60.0	50.0	23.8	10.0	36.4	—
St. Philip's C.E.	15.3	11.1	19.6	31.6	31.4	15.4	17.5	—	20.6	—
SS. Simon & Jude's C.E.	37.5	32.7	43.0	23.9	28.9	18.2	30.9	17.4	31.7	12.0
St. Teresa's R.C.	58.9	60.0	42.0	24.0	27.0	35.7	46.3	56.3	58.3	26.7
Total.....	37.5	33.2	43.7	29.3	33.3	30.2	30.6	21.7	34.0	22.2

CARIOUS TEETH.

40.5 per cent. of the children have one or more carious teeth. At leaving the percentage is 33.1. This demonstrates that the work of the Dentist is largely effecting its object, and it is intended to improve on these satisfactory figures.

ENLARGED TONSILS AND ADENOIDS.

13.9 per cent. of the children were affected, and of these 117 (5.0 per cent.) were cases requiring removal.

ENLARGED GLANDS IN THE NECK.

17.5 per cent.

EXTERNAL EYE DISEASE.

2.6 per cent. (Squint 0.9 per cent.).

DEFECTIVE VISION.

204 children (8.8 per cent.) failed to read $\frac{6}{9}$ $\frac{6}{9}$ with each eye, and all these are classified as defective.

EAR DISEASE.

Otorrhœa, 1.0 per cent.

DEAFNESS.

190—1.2 per cent.; mostly due to wax.

CARDIAC DISEASE.

41—1.3 per cent.

LUNG DISEASE.

Three cases of Asthma, forty-nine cases of Bronchial Catarrh and one case of Bronchitis, were met with. No diagnosis of Pulmonary Tuberculosis was made at the routine medical inspection, but sixteen children who were considered "suspects" were referred to the clinic for further investigation.

NERVOUS DISEASE.

3—0.1 per cent.

TUBERCULOSIS.

One case of "old" Tubercular Knee, one case of Tubercular Spine (arrested), and two cases of Tubercular Glands.

RICKETS.

14—0.6 per cent. (Mostly very slight). The local stock is decidedly resistive to Rickets; severe cases only occur in imported children or children of imported parents.

NUMBER OF CHILDREN REFERRED FOR SUBSEQUENT OR
FURTHER EXAMINATION. (Routine Inspection Cases)

Malnutrition	7
Skin Disease	51
External Eye Disease	39
Defective Vision and Squint	224
Defective Hearing	190
Other Ear Diseases	20
Enlarged Tonsils and Adenoids	117
Other conditions of the Nose and Throat	2
Enlarged Cervical Glands	1
Dental Diseases	94
Cardiac Disease.....	4
Anæmia	5
Lung Diseases	6
Tubercular Glands	
Deformities	19
Other Defects and Diseases	59
Total	186

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

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

Anæmia	37
Asthma	2
Bronchial Catarrh	24
Bronchitis	1
Cardiac Disease.....	7
Chilblains ..	2
Enuresis	1
Impetigo	1
Laryngitis	1
Malnutrition	2
Nasal Catarrh	2
Parasitic Diseases	4
Pharyngitis	2
Rash (heat)	1
Rheumatism	4
Rhinitis	1
Scurvy	1
Septic Sores	1
Sickness	1
" Suspect "—lungs	4
Tonsillitis	3

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(Directions also given to numerous cases of Nits).

TABLE B. ELEMENTARY SCHOOLS. (SEPARATE AGES).

	BOYS.						GIRLS.						GRAND TOTAL.						
	Leavers.		Intermediates.		Entrants.		Total.		Leavers.		Intermediates.				Entrants.		Total.		
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%			No.	%	No.	%	
Number Listed for Inspection	605	—	442	—	303	—	1350	—	454	—	476	—	273	—	1203	—	2553	—	
Number Actually Inspected	582	96.2	415	93.9	250	82.5	1247	92.4	421	92.7	437	91.8	224	82.0	1082	89.9	2329	91.2	
Parent Present	49	8.4	147	35.4	111	44.4	307	24.6	90	21.4	178	40.7	115	51.3	383	35.4	690	29.6	
Parent Refused Inspection	—	—	2	0.5	12	4.0	14	1.0	18	4.0	—	6	1.3	6	2.2	30	2.5	44	1.7
Had Measles	421	72.3	279	67.2	74	29.6	774	62.1	318	75.5	268	69.9	64	28.6	670	61.9	1444	62.0	
Whooping Cough	233	40.0	170	41.0	45	18.0	448	35.9	199	47.3	189	43.2	46	20.5	434	40.1	882	37.9	
Chicken Pox	185	31.8	130	31.3	24	9.6	339	27.2	144	34.2	134	30.7	19	8.5	297	27.4	636	27.3	
Scarlet Fever	39	6.7	19	4.6	3	1.2	61	4.9	32	7.6	12	2.7	5	2.2	49	4.5	110	4.7	
Diphtheria	19	3.3	8	1.9	1	—	28	2.2	14	3.3	3	0.7	—	—	17	1.6	45	1.9	
Mumps	3	0.5	4	1.0	2	0.8	9	0.7	5	1.2	4	0.9	1	—	10	0.9	19	0.8	
(a), Other Serious Disease	25	4.3	19	4.6	10	4.0	54	4.3	30	7.1	19	4.3	11	4.9	60	5.5	114	4.9	
Unvaccinated	323	55.5	270	65.1	191	76.4	784	62.9	220	52.3	264	60.4	163	72.8	647	59.8	1431	61.4	
Said to have been vaccinated, but have no marks, returned as vaccinated	7	1.2	1	—	3	1.2	11	0.9	2	0.5	2	0.5	—	—	4	0.4	15	0.6	
Attend School Irregularly	5	0.9	10	2.4	6	2.4	21	1.7	11	2.6	5	1.1	11	4.9	27	2.5	48	2.1	
Unsatisfactory Clothing	1	—	5	1.2	—	—	6	0.5	1	—	1	—	—	—	2	0.2	8	0.3	
Unsatisfactory Footgear	14	2.4	12	2.9	5	2.0	31	2.5	3	0.7	7	1.6	—	—	10	0.9	41	1.8	
Defective Nutrition	—	—	1	—	1	—	2	0.2	1	—	4	0.9	—	—	5	0.5	7	0.3	
Nits in the Hair	54	9.3	54	13.0	20	8.0	128	10.3	137	37.3	120	27.5	48	21.4	325	30.0	453	19.5	
Bodies Dirty	3	0.5	3	0.7	—	—	6	0.5	—	—	—	—	—	—	—	—	6	0.3	
Defective Teeth	190	32.6	201	48.4	102	40.8	493	39.5	142	33.7	234	53.5	74	33.0	450	41.6	943	40.5	
Enlarged Tonsils, or Adenoids	41	7.0	76	18.3	53	21.2	170	13.6	31	7.4	81	18.5	42	18.8	154	14.2	324	13.9	
Glands in the Neck	95	16.3	90	21.7	52	20.8	237	19.0	57	13.5	97	22.2	27	12.1	181	16.7	418	17.9	
(a) External Eye Disease	11	1.9	9	2.2	11	4.4	31	2.5	14	3.3	11	2.5	4	1.8	29	2.7	60	2.6	
Defective Vision	43	7.4	41	9.9	2	0.8	86	6.9	54	12.8	64	14.6	—	—	118	10.9	204	8.8	
Otorrhoea	6	1.0	5	1.2	4	1.6	15	1.2	3	0.7	3	0.7	3	1.3	9	0.8	24	1.0	
Defective Hearing	47	8.1	38	9.2	12	4.8	97	7.8	39	9.3	43	9.8	11	4.9	93	8.6	190	8.2	
(a) Speech Defects	3	0.5	—	—	1	—	4	0.3	—	—	1	—	—	—	1	—	5	0.2	
(a) Cardiac Disease	9	1.5	6	1.4	3	1.2	18	1.4	11	2.6	9	2.1	3	1.3	23	2.1	41	1.8	
(a) Lung Disease	7	1.2	13	3.1	14	5.6	34	2.7	12	2.9	14	3.2	9	4.0	35	3.2	69	3.0	
(a) Nervous Disease	—	—	2	0.5	—	—	2	0.2	—	—	1	—	—	—	1	—	3	0.1	
(a) Tuberculosis	1	—	—	—	—	—	2	0.2	1	—	1	—	—	—	1	—	4	0.2	
(a) Rickets	7	1.2	4	1.0	2	0.8	13	1.0	1	—	—	—	1	—	2	0.2	14	0.6	
(a) Deformities	4	0.7	2	0.5	—	—	6	0.5	4	1.0	6	1.4	1	—	11	1.0	17	0.7	
(a) Other Disease or Defect	57	9.8	36	8.7	29	11.6	122	9.8	57	13.5	43	9.8	20	8.9	120	11.1	242	10.4	
Attend Sunday School	381	65.5	179	43.1	48	19.2	608	48.8	310	73.6	216	49.4	64	28.6	590	54.5	1198	51.4	
Attend Extra Classes (indoor)	53	9.1	8	1.9	—	—	61	4.9	13	3.1	—	—	—	—	14	1.3	75	3.2	
Members of Boys' Brigades	12	2.1	—	—	—	—	12	1.0	—	—	—	—	—	—	—	—	12	0.5	
Boy Scouts	6	1.0	1	—	—	—	7	0.6	—	—	—	—	—	—	—	—	7	0.3	
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Family History of Tuberculosis	2	0.3	4	1.0	—	—	6	0.6	7	1.7	5	1.1	2	0.9	14	1.3	20	0.9	
Sleeping four, or more, in one room	60	10.3	60	14.5	31	12.4	151	12.1	65	15.4	80	18.3	25	11.2	170	15.7	321	13.8	
Sleeping with window closed	109	18.7	61	14.7	5	2.0	175	14.0	77	18.3	52	11.9	5	2.2	134	12.4	309	13.3	

(a) See Table C.

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.

TABLE A.—ELEMENTARY SCHOOLS, SOUTHPORT.

Average Heights and Weights.

(Age last Birthday).

BOYS.					GIRLS.				
No.	Age last Birthday.		Ft. Ins.	St. Lbs.	No.	Age last Birthday.	Ft. Ins.	St. Lbs.	
38	...	3	...	3—1.7	...	2—6.4			
92	...	4	...	3—4.0	...	2—9.8			
120	...	5	...	3—7.0	...	2—13.2			
37	...	6	...	3—8.5	...	3—2.2			
162	...	7	...	3—11.4	...	3—9.4			
175	...	8	...	4—0.3	...	3—11.2			
25	...	9	...	4—3.0	...	4—5.4			
16	...	10	...	4—5.2	...	4—11.8			
177	...	11	...	4—6.5	...	5—2.4			
182	...	12	...	4—8.1	...	5—5.3			
157	...	13	...	4—10.2	...	6—0.8			
57	...	14	...	5—0.6	...	6—12.2			
9	...	15	...	5—3.8	...	7—5.3			
1247					1082				

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

BOYS.					GIRLS.				
No.	Age last Birthday.		Ft. Ins.	St. Lbs.	No.	Age last Birthday.	Ft. Ins.	St. Lbs.	
9388	...	3	...	3—0.4	...	2—4.8			
24047	...	4	...	3—2.7	...	2—7.9			
65438	...	5	...	3—4.5	...	2—10.7			
20554	...	6	...	3—6.5	...	3—0.6			
37515	...	7	...	3—9.2	...	3—4.7			
9684	...	8	...	3—11.0	...	3—8.4			
7873	...	9	...	4—1.1	...	3—13.4			
21579	...	10	...	4—2.9	...	4—4.4			
5084	...	11	...	4—4.8	...	4—5.6			
37230	...	12	...	4—7.0	...	5—2.9			
52232	...	13	...	4—8.1	...	5—7.5			
4342	...	14	...	4—9.9	...	6—0.1			
8478	...	3	...	3—0.1	...	2—3.8			
21632	...	4	...	3—2.6	...	2—6.9			
63827	...	5	...	3—4.4	...	2—9.6			
21238	...	6	...	3—6.4	...	2—13.0			
36477	...	7	...	3—8.8	...	3—3.2			
10214	...	8	...	3—10.3	...	3—6.9			
8138	...	9	...	4—0.7	...	3—12.6			
21017	...	10	...	4—3.1	...	4—2.9			
5129	...	11	...	4—4.5	...	4—9.9			
36577	...	12	...	4—6.6	...	5—3.9			
50717	...	13	...	4—8.8	...	5—10.1			
3702	...	14	...	4—10.7	...	6—3.7			

TABLE C.—ELEMENTARY SCHOOLS (SEPARATE AGES).

The less frequent ailments, past and present ; and a classification of various Diseases and Defects.

	BOYS.				GIRLS.				Grand Total.
	Leavers.	Inter- mediates.	En- trants.	Total.	Leavers.	Inter- mediates.	En- trants.	Total.	
NUMBER INSPECTED	582	415	250	1247	421	437	224	1082	2329
OTHER SERIOUS DISEASE (Past)	25	19	10	54	30	19	11	60	114
Acute Nephritis	1	—	1	2	—	—	—	—	2
Appendicitis	3	1	—	4	—	—	—	—	4
Asthma	—	—	—	—	1	—	—	1	1
Bronchitis	5	7	3	15	5	5	3	13	28
Broncho-pneumonia	—	—	—	—	—	—	1	1	1
Chorea.....	1	—	—	1	—	—	—	—	1
Encephalitis Lethargica	1	—	—	1	—	—	—	—	1
Gastric Catarrh	—	1	1	2	1	1	—	2	4
Infantile Paralysis	—	—	—	—	2	1	—	3	3
Influenza	2	1	—	3	2	—	—	2	5
Intussusception	—	—	1	1	—	—	—	—	1
Jaundice (catarrhal).....	1	—	—	1	2	—	—	2	3
Meningitis	1	1	—	2	—	—	—	—	2
Peritonitis	—	—	—	—	1	—	—	1	1
Pleurisy	1	—	—	1	3	—	—	3	4
Pneumonia	5	4	4	13	9	9	7	25	38
Rheumatism	3	1	—	4	4	2	—	6	10
Tubercular Glands	1	2	—	3	—	—	—	—	3
Typhoid Fever	—	1	—	1	—	1	—	1	2
EXTERNAL EYE DISEASE	11	9	11	31	14	11	4	29	60
Blepharitis	3	1	2	6	2	4	—	6	12
Cataract	—	—	—	—	2	—	—	2	2
Coloboma Iridis	—	—	—	—	1	—	—	1	1
Conjunctivitis	1	3	2	6	3	3	—	6	12
Corneal Opacities	—	—	1	1	—	—	—	—	1
Corneal Ulcer	—	—	1	1	1	—	—	1	2
Hordeolum	1	1	—	2	1	1	1	3	5
Inflamed Meibomian Cysts.....	—	1	—	1	—	—	—	—	1
Internal Strabismus	6	3	4	13	3	2	2	7	20
Interstitial Keratitis	—	—	—	—	—	—	1	1	1
Phlyctenular Conjunctivitis	—	—	—	—	1	—	—	1	1
Phlyctenular Ulcer	—	—	—	—	—	1	—	1	1
Photophobia	—	—	1	1	—	—	—	—	1
SPEECH DEFECTS	3	—	1	4	—	1	—	1	5
Defective Articulation	—	—	1	1	—	—	—	—	1
Stammer	3	—	—	3	—	1	—	1	4
CARDIAC DISEASE	9	6	3	18	11	9	3	23	41
Aortic Regurgitation	—	—	—	—	—	1	—	1	1
Aortic Stenosis	—	—	—	—	—	1	—	1	1
Arrhythmia	1	1	—	2	1	1	1	3	5
Double Mitral Murmur	—	1	—	1	2	—	—	2	3
Functional Bruits	4	1	3	8	1	1	1	3	11
Mitral Presystolic	3	2	—	5	—	3	—	3	8
Mitral Regurgitation	—	—	—	—	4	1	1	6	6
Pulmonary Stenosis	—	—	—	—	2	—	—	2	2
"Suspect".....	1	—	—	1	1	1	—	2	3
Tachycardia	—	1	—	1	—	—	—	—	1
LUNG DISEASE	7	13	14	34	12	14	9	35	69
Asthma	2	—	—	2	1	—	—	1	3
Bronchial Catarrh	2	9	14	25	3	12	9	24	49
Bronchitis	—	—	—	—	1	—	—	1	1
"Suspect".....	3	4	—	7	7	2	—	9	16
NERVOUS DISEASE	—	2	—	2	—	1	—	1	3
Infantile Paralysis	—	1	—	1	—	1	—	1	2
"Night Terrors"	—	1	—	1	—	—	—	—	1
TUBERCULOSIS	1	1	—	2	1	1	—	2	4
Glands.....	—	1	—	1	1	—	—	1	2
Old T.B. Knee	1	—	—	1	—	—	—	—	1
Spine (arrested)	—	—	—	—	—	1	—	1	1

TABLE C.—continued.

	BOYS.				GIRLS.				Grand Total.
	Leavers.	Inter-mediate.	En-trants.	Total.	Leavers.	Inter-mediate.	En-trants.	Total.	
NUMBER INSPECTED	582	415	250	1247	421	437	224	1082	2329
RICKETS	7	4	2	13	—	—	1	1	14
Harrison's Sulcus	1	—	—	1	—	—	—	—	1
Pigeon Breast	6	4	2	12	—	—	1	1	13
DEFORMITIES	4	2	—	6	4	6	1	11	17
Absence of Radii	—	—	—	—	1	—	—	1	1
Deficiency of Sternum (congenital)	—	—	—	—	—	—	1	1	1
Deformity of Left Shoulder (congenital)	—	—	—	—	—	1	—	1	1
Depressed Sternum	1	—	—	1	—	1	—	1	2
Flat-chest	2	1	—	3	1	—	—	1	4
Hydrocephalus	—	1	—	1	—	—	—	—	1
Scoliosis	—	—	—	—	—	3	—	3	3
Spina Bifida	1	—	—	1	—	—	—	—	1
Spinal Curvature	—	—	—	—	1	1	—	2	2
Torticollis (congenital).....	—	—	—	—	1	—	—	1	1
OTHER DISEASE OR DEFECT ..	57	36	29	122	57	43	20	120	242
Abrasion	—	1	—	1	—	—	—	—	1
Acne Vulgaris	3	—	1	4	—	1	—	1	5
Alopecia Areata	—	—	1	1	—	—	—	—	1
Anaemia	13	3	2	18	16	14	3	33	51
Angioma	—	—	—	—	—	—	1	1	1
Ascaris Lumbricoides	—	—	—	—	—	—	1	1	1
Chilblains	—	—	—	—	2	—	—	2	2
Contusion	—	2	—	2	—	—	—	—	2
Deviation of Nasal Septum	1	—	—	1	1	—	—	1	2
Diarrhoea	—	—	1	1	—	—	—	—	1
Eczema	1	—	—	1	1	1	—	2	3
Enuresis	—	—	2	2	1	—	—	1	3
Furuncle	1	—	—	1	—	—	—	—	1
Goitre	—	—	—	—	1	—	—	1	1
Habit Spasm	1	—	—	1	—	—	—	—	1
Haemangioma	—	—	1	1	—	—	—	—	1
Haematoma	—	—	1	1	—	—	—	—	1
Herpes	—	—	—	—	1	—	—	1	1
Ichthyosis	2	1	1	4	—	—	1	1	5
Impetigo	4	8	6	18	2	3	3	8	26
Inguinal Hernia	—	1	—	1	—	—	—	—	1
Insect bites	—	—	—	—	—	—	1	1	1
Laryngitis	1	—	—	1	—	—	—	—	1
"Megrin"	—	1	—	1	—	2	—	2	3
Mumps	—	1	2	3	—	—	—	—	3
Naevus	—	1	—	1	—	—	—	—	1
Nasal Catarrh	—	1	2	3	3	—	—	3	6
Otitis Media	1	—	—	1	—	—	1	1	2
Otitis Media (old)	1	—	—	1	1	—	1	2	3
Oxyuris Vermicularis	—	—	1	1	—	1	3	4	5
Pharyngitis	—	—	—	—	2	—	—	2	2
Pigmentation of Skin	—	—	—	—	1	—	—	1	1
Rash (heat)	1	2	1	4	—	—	1	1	5
Rheumatism	1	—	—	1	5	—	—	5	6
Rhinitis	—	1	—	1	2	—	—	2	3
Scabies	—	—	—	—	—	—	1	1	1
*Scar	16	10	3	29	11	10	2	23	52
Scarlet Fever.....	1	—	—	1	—	—	—	—	1
"Scurvy"	—	—	—	—	—	1	—	1	1
Septic Sores	1	—	1	2	—	3	—	3	5
Thyroid, enlarged	1	—	1	2	5	2	—	7	9
Tinea Tonsurans	1	2	1	4	—	1	—	1	5
Tonsillar Cyst	1	—	—	1	—	—	—	—	1
Tonsillitis	1	1	1	3	1	2	1	4	7
Ulcerated Throat	1	—	—	1	—	—	—	—	1
Warts	3	—	—	3	1	2	—	3	6

* Secondary to Healed Tubercle, Surgical Operations, Burns, &c.

METHODS EMPLOYED OR AVAILABLE FOR TREATMENT OF DEFECTS.

THE WORK OF THE SCHOOL CLINICS.

DEFECTIVE VISION.

All cases of Defective Vision, Squint, and External Eye Disease found at the Routine Inspection, and at the Minor Ailment Clinic were referred to the Ophthalmic Clinic for further examination and treatment.

During the year there were 854 attendances at the Clinic with the following results :—

Mydriatic given	250
Glasses prescribed	185
Glasses obtained	200*
Can manage with present glasses.....	17
Glasses not required	27
External Eye Disease—treated	49
do. attendances	215
Treated by private Medical Practitioner or at Hospital	23
Refused Treatment	39
Left School or Town	15

* A number of these are cases carried over from the previous year.

36 necessitous cases were assisted by the Education Committee. The Committee spent £16 4s. 6d. on the provision of spectacles, but of this sum £9 10s. 6d. was afterwards collected from the parents of the children concerned.

TONSILS AND ADENOIDS.

During the year 121 children, with symptoms suggestive of unhealthy tonsils and adenoids, were examined, and of this number 69 were found to require operation. Of the 48 cases in which operation was not necessary, the symptoms were found due to a variety of causes such as chronic nasal catarrh, enlarged turbinates, deflected septum, mouth breathing habits, etc., for all of which appropriate advice was given.

The operations were performed under gas, and the children were subsequently detained at the Clinic for several hours and then sent home by conveyance.

No untoward complications occurred, and considerable benefit has resulted from the treatment.

There are suitable arrangements to afford in-patient hospital treatment at once should this be required in any case after operation.

Consultation Cases	121
Operation performed at Clinic	69
Operation not required	48
Treated by Private Doctor or at Infirmary.....	6
Refused Treatment	81
Left School or Town	4

COURTENAY YORKE,

Hon. Surgeon to the Liverpool
Stanley Hospital.

CARIOUS TEETH.

SCHOOL DENTAL SURGEON'S REPORT.

ELEMENTARY SCHOOLS.

Month.	Results of Inspection			Ap- point- ments	Number Treated		Extractions		Anæsthetic			Fillings.		Dress- ings.	Scal- ings.	Root Treat- ment.	Teeth Extracted for Regulation Purposes.		Oral Affec- tions.	Impres- sions Taken.	Regulation Appliance Inserted.	Regulation Appliance Adjusted.	Consultation with Parent.	Examined, Treatment Deferd.
	Schools Visited.	Children Examined.	Children Needing Treatment		Dental	Medi- cal.	Temp.	Perm.	Loc.	N₂O	Gen.	Temp.	Perm.				Temp.	Perm.						
January	—	—	—	332	300	28	350	52	152	—	—	23	139	21	4	11	9	3	11	1	—	—	2	18
February ...	—	—	—	299	265	38	336	36	147	—	—	34	152	48	2	10	6	4	1	2	—	—	1	25
March	4	834	628	252	257	23	306	31	123	—	—	30	133	26	8	12	12	3	5	—	—	—	7	7
April	—	—	—	277	254	35	264	36	136	—	—	5	104	19	6	14	12	3	4	1	—	—	6	21
May	1	296	233	328	322	26	391	31	145	—	—	35	110	35	4	9	22	2	1	1	—	—	11	28
June	—	—	—	278	246	24	241	32	109	—	—	17	96	26	5	7	12	3	8	1	1	4	3	22
July	1	301	238	286	243	51	327	48	182	—	—	11	96	34	2	4	9	5	12	—	—	—	—	30
August	—	—	—	66	55	5	50	7	26	—	—	2	23	9	3	—	2	—	1	—	—	—	—	7
September ...	2	264	200	354	247	96	344	57	241	—	—	21	127	43	3	7	23	9	3	—	—	—	6	46
October	1	433	336	332	259	63	428	66	260	—	—	20	95	37	6	13	6	6	15	—	—	—	3	17
November ...	1	742	567	268	237	52	313	35	168	—	—	26	101	26	4	17	4	1	13	—	—	—	3	10
December ...	—	—	—	269	275	18	355	62	211	—	—	10	114	24	1	24	11	2	3	1	—	—	1	13
TOTALS ...	10	2870	2202	3341	2960	459	3705	493	1900	—	—	234	1290	348	48	128	128	41	77	7	1	4	43	244

MINOR AILMENTS.

(I.) ATTENDANCES AT MINOR AILMENT AND SKIN CLINICS (PHYSICIAN AND DERMATOLOGIST).

(Attendances counted, not individual children).

Abscess	7	Influenza	3
Acne Vulgaris	5	Jaundice	3
Adenitis	33	Keratosis	1
Alopecia Areata	10	Measles	1
Anaemia	77	Mentally Deficient	2
Ascaris Lumbricoides	3	Minor Accidents	36
Asthma	5	Onychia	4
Backward Children	4	Otorrhoea	121
Bronchial Catarrh	234	Oxyuris Vermicularis	4
Bronchitis	3	Paralysis due to birth injury	1
Broncho-pneumonia	1	Parotitis	269
Burns and Scalds	7	Partial Paralysis	1
Cardiac Disease.....	7	Pharyngitis	15
Chicken Pox	14	Phthisis	1
Chilblains	5	Pityriasis	10
Chorea.....	8	Psoriasis	5
Constipation	3	Pyrexia	71
Cretinism (slight)	1	Rash	7
Cyst	3	Rheumatism	13
Dactylitis	1	Rhinitis	9
Dandruff	1	Scabies	92
Dermatitis	25	Scarlet Fever.....	3
Dhobie Itch	1	Scarlet Fever, recent	83
Diarrhoea	2	Scoliosis	6
Diphtheria, recent	1	Seborrhoea	31
Ecchymosis	1	Septic Sores	426
Eczema	28	Sore Throat	31
Enuresis	5	Stomatitis	5
Epilepsy	1	Syndactylism	1
Erythema Simplex	7	Taenia Solium	1
Examined re Free Meals...	22	Teeth, defective	6
Examined re Free Places...	82	Tinea Circinata	174
External Eye Disease ...	60	Tinea Tonsurans	492
Favus	4	Tonsillitis	36
Furunculosis	8	Tonsils & Adenoids (enl.)...	32
Ganglion	3	Traumatic Mastitis	1
Gastric Catarrh	10	Urticaria	9
Gastritis	1	Verminous	2
Goitre	1	Vision, defective	55
Greenstick Fracture	1	Warts	11
Habit Spasm	3	Whitlow	1
"Healthy"	7	Whooping Cough	32
Hearing, defective	29		
Herpes Zoster	3		
Housemaid's Knee	2		
Hutchinson's Teeth	1		
Ichthyosis	2		
Impetigo Contagiosa	569		
		Total	3418
		Total (1923)	2933

(II.) CASES ATTENDED TO BY SCHOOL NURSE AT CLINIC.

[Not included in Table I.]

(Attendances counted, not individual children).

Abscess	37	Onychia	4
Adenitis	24	Otorrhoea	713
Alopecia Areata	1	Pharyngitis	11
Anaemia	6	Pityriasis	2
Asthma	1	Psoriasis	5
Burns and Scalds	103	Pyrexia	5
Chilblains	36	Rash	4
Cough	26	Rhinitis	7
Cyst	1	Scabies	84
Dermatitis	82	Seborrhoea	43
Earache	3	Septic Sores	2190
Eczema	11	Sore Throat	63
Epistaxis	3	Tinea Circinata	34
Erythema Simplex	1	Tinea Tonsurans	1083
External Eye Disease ...	538	Tonsillitis	40
Favus	5	Urticaria	2
Folliculitis	7	Verminous	12
Furuncle	25	Vision, defective	641
Ganglion	3	Warts	89
Hearing, defective	315	Whitlow	1
Herpes	2		
Ichthyosis	6		
Impetigo Contagiosa	2007	Total	8544
Megrim	4		
Minor Accidents	245	Total (1923)	8246
Nits	19		

(III.) TOTAL NUMBER OF CASES ATTENDED TO BY NURSE AT CLINIC.

(Attendances counted, not individual children).

Daily morning clinic	8544
Doctors' clinic	3418
Nose and Throat clinic	121
Ophthalmic clinic	854
Tubercular Glands :—	
Inunction treatment	149
Total	13086

The work of the Skin Clinic, with daily treatment now afforded to infective skin cases, shows a very satisfactory record, particularly with regard to Ringworm, Scabies, and Impetigo. By having these cases attending regularly each day, we are assured of the treatment being carried out; and the loss of school time so prevalent in these diseases is thereby reduced.

As will be seen by the accompanying figures of the numbers discharged as cured after suffering from Ringworm, under 10% have recurred. I anticipate that this figure will be reduced this year as the staff become accustomed to the routine of treatment.

This daily, persistent, and individual treatment takes up a considerable time of the nurses in the morning dressings (as will be seen from the figures); but I am satisfied that it has been thoroughly accomplished, as the cases discharged indicate.

THE NUMBER OF CURED CASES FOR THE YEAR 1924 IS AS FOLLOWS :

Cured : Tinea Tonsurans	79
Tinea Circinata	25
Relapses	10

The number of attendances at the morning clinic for the same period is :—

Scabies	84
Tinea Tonsurans	1083
Tinea Circinata	34

H. BARDSLEY, M.R.C.S., L.R.C.P.,
Dermatologist.

NURSES' VISITS TO SCHOOLS AND HOMES.

	Defects visited.	
	At School.	At Home.
Skin Disease	26	302
Hearing and Otorrhoea	60	379
Vision and External Eye Disease	139	607
Nose and Throat	25	437
Teeth	279	1647
Other Disease or Defect	239	966
Total No. of visits	768	4338
Total No. of visits, 1923...	941	3055

TREATMENT OF UNCLEANLINESS.

- (i.) Average number of visits per school made during the year by the School Nurses—4.9.
- (ii.) Total number of examinations of children in the schools by School Nurses—10674.

(iii.) Number of examinations :—

	Boys.			Girls.			Totals.	
Clean	3367	91.4	...	4418	63.2	...	7785	72.9
Nits	310	8.4	...	2501	35.8	...	2811	26.3
Verminous	5	0.1	...	73	1.0	...	78	0.7

(iv.) Number of children cleansed under arrangements made by the Local Education Authority :—

No cleansing station is provided but means are available as required. Instructions for cleansing are given to the parent, and if necessary action is taken under the School Attendance Bye-Laws.

(v.) Number of cases in which legal proceedings were taken :—

- (a) Under the Education Act, 1921 Nil.
 (b) Under School Attendance Byelaws Nil.

The average condition of the heads can be seen from the results of inspection under the Education (Ad. Prov.) Act, 1907—see page 8 and Table B. The results given here are due to re-inspections of children known to require constant supervision.

INFECTIOUS DISEASE.

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.

ELEMENTARY SCHOOLS CLOSED DURING 1924 ON ACCOUNT OF AN OUTBREAK OF INFECTIOUS DISEASE :—

School.	Department.	Period of closure.	Cause.
Blowick C.E.	Infants ...	14 days from 23.1.24 ...	Whooping Cough.

NOTIFICATIONS OF INFECTIOUS DISEASE.

	Affecting the School Children only.				All cases in the area.		
	1922	1923	1924		1922	1923	1924
*Measles	78	577	91	...	197	1080	312
Scarlet Fever.....	74	41	52	...	167	104	107
Chicken Pox	25	184	162	...	118	304	247
Diphtheria	16	10	17	...	42	37	35
Whooping Cough	91	36	140	...	205	121	292

* Including Rubella.

CASES REPORTED TO MEDICAL OFFICER OF HEALTH FROM SCHOOL CLINIC.

Chicken Pox	11
Diphtheria	3
Measles	1
Scarlet Fever.....	3
Whooping Cough	22
Total	40

EXCLUDED UNDER ARTICLE 53 (b) OF THE CODE.

Chicken Pox	11
Diphtheria	3
Measles	1
Mumps	160
Ringworm	87
Scabies	24
Scarlet Fever.....	3
Whooping Cough	22
Verminous	82
Total	393

DEFECTIVE AND EPILEPTIC CHILDREN.

CHILDREN IN SPECIAL INSTITUTIONS on December 31st, 1924.

Royal School for the Deaf and Dumb, Old Trafford, Manchester	1 girl.
School for the Deaf and Dumb, Oxford Street, Liverpool	1 girl.
School for the Blind, Wavertree	3 boys.
School for the Indigent Blind, Church Road, Wavertree	1 girl.
School for the Blind, Hardman Street, Liverpool ...	1 girl.
Besford Court Catholic Mental Welfare Hospital for Children, Worcestershire	1 boy.
Pontville R.C. School, Aughton Park, Ormskirk ...	1 boy.
Calderstones Institution, Whalley	1 boy & 1 girl.
Children's Convalescent Home, West Kirby	1 boy & 2 girls.
Shaftesbury Road Sanatorium	1 boy & 1 girl.

	Boys.	Girls.	Total.
Total No. of children in Special Institutions	8	8	16

TABLE III. on Pages 33—36 is a survey of all the known Defective Children in the Area of the Authority.

CHILDREN IN INDUSTRIAL SCHOOLS on December 31st, 1924.

" Wellesley " Nautical School, Links Road, Blythe, Northumberland	1 boy.	
St. Joseph's R.C. Industrial School, Longsight, Manchester	2 boys.	
Milton, Farnborough, Hants.....	1 boy.	
	Boys.	Total.
Total No. of children in Industrial Schools	4	4

MISCELLANEOUS WORK.

Special Cases seen by the School Medical Officer in the Schools.

Backward Children	9	Ringworm	1
Cardiac Disease.....	1	Suspicious Sore Throats ...	85
Examined re "Free Meals" 131		Tonsils & Adenoids, enlarged	4
Eye Trouble	7	Verminous	1
Hearing, defective	6	Vision, defective	19
Impetigo	2	Other Disease or Defect ...	17
Physically Defective	3		
		Total	286

(There were also approximately 120 children examined in connection with the visit of scholars to the British Empire Exhibition).

Two children with Phthisis were treated during the year at Westmorland Sanatorium, Meathop, Grange-over-Sands, and seven at Shaftesbury Road Sanatorium, Birkdale.

Four children received treatment in the Children's Convalescent Home, West Kirby, with very satisfactory results. The periods of treatment were as follows :—

A.B.....	Four months.				
E.R. ...	Admitted 1.5.24.	Still under treatment on	31.12.24.		
K.H. ...	" 10.6.24.	"	"	"	"
R.B. ...	" 15.9.24.	"	"	"	"

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.

FEEDING OF NECESSITOUS SCHOOL CHILDREN. SEASON 1923-24.

- 1.—The issue of meals commenced on the 11th February, 1923, and ended on the 17th April, 1923.
- 2.—The previous season's arrangement was adopted of canteens in the schools at which meals were issued to necessitous children of such schools. Schools with too few children to establish a canteen went to the nearest school canteen.

3.—Canteens were established at the following schools :—

Birkdale Council	Boys, Girls, and Infants.
Birkdale C.E.	Mixed.
Birkdale St. Teresa's	Boys, Girls, and Infants.
Sefton Street Council	Boys, Girls, and Infants.
S.S. Simon & Jude's C.E.	Girls and Infants.
Crossens C.E.	Mixed and Infants.
Churchtown Council.....	Mixed and Infants.

At the S.S. Simon & Jude's C.E. Centre there were a small number of children from the following schools :—All Saints', Blowick C.E., Dean Cooke R.C., Holy Trinity, and St. Marie's R.C.

4.—The meals were cooked and provided by the Southport Co-operative Society and delivered by them in containers by light motor van simultaneously to all schools at which canteens were established. The price per head of each meal was 5d., and the Menu was varied daily. The Menus together with the ingredients used in the meals were previously examined and approved by the School Medical Officer. Arrangements were made for fish to be supplied to canteens in Roman Catholic schools on Fridays.

5.—The Head Teacher of each school at which was established a canteen assisted in making all arrangements for the proper order and conduct of the meals given, and arranged a rota of teachers to assist in serving and supervising, whilst the older scholars washed up the crockery after each meal. The serving of the meals and the order maintained were satisfactory. This year a more adequate supply of table cutlery was provided, and the canteens encouraged to use table cloths. Paper serviettes were also provided for the first time, and generally an opportunity taken to use the occasion as one on which children might be taught table manners and deportment.

6.—The total number of meals provided during the season 1923-24 was :—8,944. There were in addition 1,809 meals supplied from the 4th April to the 17th April, which will fall in the 1924-25 season.

7.—The cost for food alone at 5d. per head was £186 16 8
Other expenses were 23 4 10
making the total cost £210 1 6

The lowest number of individual children fed was 132, whilst the highest number was 175. There was no expenditure incurred in caretakers' wages, or time, or rooms, or for assistance by similar expenditure.

8.—No amounts were recovered from parents by way of payment or part payment, it having afterwards been found by enquiry in all circumstances that each case was necessitous.

9.—Children are weighed at the School Clinic before and after receiving the meals, and a gain in weight is noticed at the end of the season.

PARTICULARS OF INSPECTION AND TREATMENT AT THE
SOUTHPORT SECONDARY SCHOOLS.

TABLE D.—SECONDARY SCHOOLS.

(1) Average Heights and Weights. (Age last birthday).

BOYS.					GIRLS.				
No.	Age last birthday.	Ft.	Ins.	St. Lbs.	No.	Age last birthday.	Ft.	Ins.	St. Lbs.
15	10	4—5.8	...	4—10.6	3	9	4—6.5	...	4—11.0
23	11	4—7.5	...	5—3.8	12	10	4—5.6	...	4—11.2
47	12	4—8.8	...	5—5.1	29	11	4—8.0	...	5—5.7
49	13	4—10.3	...	6—0.1	49	12	4—9.4	...	5—8.3
52	14	5—1.3	...	6—13.0	79	13	5—0.4	...	6—8.0
48	15	5—3.9	...	7—9.0	89	14	5—1.5	...	7—2.7
20	16	5—5.6	...	8—10.2	64	15	5—2.7	...	7—7.5
6	17	5—6.0	...	8—2.3	25	16	5—3.1	...	7—7.5
					8	17	5—0.3	...	8—4.5
					1	18	4—10.5	...	6—13.0
260					359				

Table Comparing Weights of Elementary and Secondary School Children.

BOYS.				GIRLS.			
		ELEMENTARY.	SECONDARY.			ELEMENTARY.	SECONDARY.
Age.		St. Lbs.	St. Lbs.	Age.		St. Lbs.	St. Lbs.
10	.....	4—11.8	4—10.6	9	.....	4—1.3	4—11.0
11	.....	5—2.4	5—3.8	10	.....	4—4.7	4—11.2
12	.....	5—5.3	5—5.1	11	.....	5—0.1	5—5.7
13	.....	6—0.8	6—0.1	12	.....	5—4.6	5—8.3
14	.....	6—12.2	6—13.0	13	.....	6—3.1	6—8.0
15	.....	7—5.3	7—9.0	14	.....	6—6.1	7—2.7

The heavier weights of girls in the Secondary Schools indicate that those who are better endowed physically, pass on to the Secondary Schools.

TABLE E. SECONDARY SCHOOLS.

	BOYS.		GIRLS.		TOTAL.	
	Ages 10—17.		Ages 9—18.			
	No.	%	No.	%	No.	%
Number Listed for Inspection	262	—	388	—	650	—
Number Actually Inspected	260	99.2	359	92.5	619	95.2
Parent Refused Inspection.....	1	—	—	—	1	—
Parent Present	25	9.6	163	45.4	188	30.4
Defective Nutrition	—	—	—	—	—	—
Nits in the Hair	—	—	13	3.6	13	2.1
Bodies Dirty	—	—	—	—	—	—
Defective Teeth	109	41.9	155	43.2	264	42.6
Enlarged Tonsils and Adenoids	14	5.4	20	5.6	34	5.5
Glands in the Neck	13	5.0	18	5.0	31	5.0
(a) External Eye Disease	1	—	4	1.1	5	0.8
Defective Vision	18	6.9	61	17.0	79	12.8
Otorrhoea	—	—	1	—	1	—
Defective Hearing	21	8.1	20	5.6	41	6.6
(a) Speech Defects	1	—	1	—	2	0.3
(a) Cardiac Disease	3	1.2	4	1.1	7	1.1
(a) Lung Disease	8	3.1	1	—	9	1.5
(a) Nervous Disease.....	—	—	—	—	—	—
(a) Tuberculosis	—	—	—	—	—	—
(a) Rickets	1	—	—	—	1	—
(a) Deformities	4	1.5	3	0.8	7	1.1
(a) Other Disease or Defect	23	8.8	30	8.4	53	8.6

(a) See Table F.

Percentages are calculated on the number actually inspected, except in the case of "Number Actually Inspected," which is calculated on the number listed for inspection.

TABLE F.—SECONDARY SCHOOLS.

The less frequent ailments, past and present; and a classification of various Diseases and Defects.

	BOYS. Ages 10—17.	GIRLS. Ages 9—18.	TOTAL.
Number Inspected	260	359	619
EXTERNAL EYE DISEASE.			
Blepharitis	—	1	1
Conjunctivitis	1	1	2
Hordeolum	—	2	2
SPEECH DEFECTS.			
Defective Articulation	—	1	1
Stammer	1	—	1
CARDIAC DISEASE.			
Double Mitral Murmur	1	1	2
Mitral Presystolic	1	—	1
Mitral Regurgitation	1	3	4
LUNG DISEASE.			
Asthma	3	—	3
Bronchial Catarrh	2	—	2
Bronchitis	2	—	2
"Suspect"	1	1	2
RICKETS.			
Pigeon Breast	1	—	1
DEFORMITIES.			
Accessory Auricle	—	1	1
Ala Scapulae	1	—	1
Depressed Sternum	—	2	2
Flat-chest	2	—	2
Scoliosis	1	—	1
OTHER DISEASE OR DEFECT.			
Acne Vulgaris	1	1	2
Anaemia	2	7	9
Constipation	—	1	1
Enlarged Thyroid	—	6	6
Enuresis	1	—	1
Furuncle	1	—	1
Ichthyosis	—	1	1
Inguinal Hernia	1	—	1
"Mecrim"	—	5	5
Nasal Catarrh	1	—	1
Oxyuris Vermicularis	2	—	2
Pharyngitis	2	—	2
*Scar	9	6	15
Sebaceous Cyst	—	1	1
Septic Sores	—	1	1
Tache Cérébrale	—	1	1
Tinea Tonsurans	1	—	1
Wart	2	—	2

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

SECONDARY SCHOOLS. TREATMENT OF DEFECTS. 1924.

DISEASE OR DEFECT.	REFERRED FOR TREATMENT.			RESULTS OF TREATMENT.			No. of defects treated.	No. of defects for which no report is available.	No. of defects for which treatment was refused.	Left School or Town.	Still on Books.	Percentage of defects treated.	
	From previous year.	1924 Cases.	Total.	Remedied.	Improved.	Unchanged.						1924	1923
Skin	—	7	7	1	—	—	1	5	—	—	6	14.3	—
External Eye Disease ...	1	5	6	3	—	—	3	1	—	—	3	50.0	—
Vision and Squint	33	74	107	26	—	—	26	67	—	3	78	24.3	46.7
Hearing	19	43	62	22	—	—	22	29	—	4	36	35.5	63.8
Other Ear Diseases	—	1	1	—	—	—	—	1	—	—	1	—	87.5
Tonsils and Adenoids	7	6	13	4	—	—	4	4	—	2	7	30.8	52.4
Cervical Glands (Non-T.B.)	—	1	1	—	—	—	—	1	—	—	1	—	—
Teeth	159	242	401	126	1	—	127	204	1	26	248	31.7	40.3
Cardiac Disease.....	—	3	3	—	1	—	1	1	—	—	3	33.3	—
Anaemia	—	10	10	1	1	—	2	8	—	—	9	20.0	—
Lung Disease (Non-T.B.)	—	6	6	—	3	—	3	3	—	—	6	50.0	—
Other Defects and Diseases	—	12	12	2	—	—	2	10	—	—	10	16.7	—
Totals	219	410	629	185	6	—	191	334	1	35	408	30.4	45.7

SECONDARY SCHOOLS. SCHOOL DENTAL SURGEON'S REPORT, 1924.

Month.	Ap- point- ments	Number Treated.		Extractions.			Anaesthetic.			Fillings.		Dress- ings.	Scal- ings.	Root Treat- ment.	Teeth Extracted for Regulation Purposes.		Oral Affec- tions.	Impressions Taken.	Regulation Appliance Inserted.	Regulation Appliance Adjusted.	Consultation with Parent.	Examined, Treatment Deferred.
		Den- tal.	Medi- cal.	Temp.	Perm.		Loc.	N ₂ O.	Gen.	Temp.	Perm.				Temp.	Perm.						
January ...	26	11	20	—	8		9	—	—	—	19	2	—	3	—	2	4	—	—	—	—	2
February	10	1	10	2	5		4	—	—	—	7	3	—	—	—	—	—	—	—	—	—	—
March	19	3	15	6	4		6	—	—	—	16	3	2	—	—	—	—	—	—	—	—	2
April	4	4	—	—	—		—	—	—	—	1	1	—	—	—	—	—	—	—	—	1	1
May	4	4	—	—	—		—	—	—	—	5	—	—	1	—	—	—	—	—	—	—	—
June	6	6	—	—	—		—	—	—	—	7	2	—	4	—	—	—	—	—	—	—	—
July	7	7	—	—	1		2	—	—	—	5	1	—	—	—	1	—	—	—	—	—	1
August ...	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September	3	3	—	—	—		—	—	—	—	—	—	—	1	—	4	—	—	—	—	—	1
October ...	8	9	—	—	5		7	—	—	—	2	—	—	—	—	2	—	—	—	—	—	1
November	19	6	12	—	6		6	—	—	—	15	—	—	3	—	—	—	—	—	—	—	1
December	24	4	21	—	8		7	—	—	—	28	2	—	13	—	—	1	—	—	—	—	3
TOTALS	130	58	78	8	37		41	—	—	—	105	14	2	25	—	9	5	—	—	—	1	12

TREATMENT OF DEFECTS.

(Other than those shewn in Board of Education Table IV.)

DISEASE OR DEFECT.	NUMBER OF DEFECTS.												Percentage of defects treated.	
	REFERRED FOR TREATMENT.		RESULTS OF TREATMENT.				No. of defects treated.	No. of defects Un-treated.	No. of defects for which no report is available.	No. of defects for which treatment was refused.	Left School or Town.	Still on Books.	1924	1923
	From previous year.	1924 Cases.	Remedied.		Im-proved.	Un-changed								
			Under the Authority's Scheme—Clinic.	Other-wise.										
		Total.												
Clothing and Boots	19	46	65	—	36	—	2	38	15	9	1	26	58.5	54.3
Malnutrition	2	—	2	—	—	—	1	1	1	—	—	2	50.0	100.0
Cervical Glands (Non-T.B.) ...	—	98	98	87	3	3	1	94	1	2	1	7	95.9	—
Teeth (cases found by S.M.O.)...	691	887	1578	382	147	10	—	539	583	266	93	859	34.2	40.5
Cardiac Disease.....	—	16	16	—	2	9	1	12	1	3	—	14	75.0	—
Anaemia	—	56	56	21	5	3	1	30	11	13	—	28	53.6	—
Lung Disease (Non-T.B.)	30	154	184	133	24	—	3	160	4	16	1	23	87.0	72.9
Tuberculosis :—														
Pulmonary : Definite	16	8	24	4	—	6	4	14	—	—	—	10	58.3	95.0
Suspected	—	26	26	13	—	7	6	26	—	—	—	13	100.0	—
Glands.....	28	19	47	11	—	26	3	40	—	—	—	29	86.0	76.0
Spine	1	—	1	—	—	1	—	1	—	—	—	1	100.0	100.0
Hip	3	3	6	—	—	2	4	6	—	—	—	6	100.0	100.0
Other Bones & Joints.....	4	4	8	2	—	3	1	6	—	—	—	4	75.0	100.0
Skin	—	—	—	—	—	—	—	—	—	—	—	—	—	100.0
Other Forms	11	2	13	6	—	4	—	10	—	—	—	4	76.9	57.1
Chorea.....	—	6	6	6	—	—	—	6	—	—	—	—	100.0	—
Other Nervous Diseases	—	3	3	3	—	—	—	3	—	—	—	—	100.0	—
Other Diseases and Defects ...	—	594	594	549	20	2	2	573	11	8	1	23	96.5	—
Totals	805	1922	2727	1217	237	76	29	1559	627	317	97	118 +9 died	57.2	45.2

WORK DONE BY THE SCHOOL NURSING STAFF.

Continued experience has shown the necessity for addition to the Visiting Staff if the standard is to be maintained.

There have been 91 sessions devoted to School Medical Inspection ; two nurses are in attendance, and the average number of children examined per session was 32.6. The children are always weighed and measured, and visions tested before examination by the School Medical Officer ; by doing so there is much time saved.

The parents of the children who are suffering from any defects, are visited frequently until such defect is cured or ameliorated. To inculcate into the parents a feeling of confidence is our first principle, and very few now object to medical inspection, and the majority are grateful for what is being done for their children, and are realising that " Prevention is better than cure."

The person and clothing of all children are examined periodically, and when found verminous, children are excluded from school until cleansed. The percentage of verminous children found during inspection under the Children Act remains the same as last year, 0.7. No cleansing station is provided, but means are available as required. The parents are visited and detailed instructions given for cleansing, and if necessary action is taken under the School Attendance Bye-Laws.

The attendances at the afternoon sessions of the Minor Ailment Clinic have increased during the year, and good work is being done. The attendances at the Skin and Ophthalmic Clinics have also increased in number.

A number of cases are referred to the Medical Department by the School Attendance Officers, and are visited from time to time. A treatment clinic is held daily from 9-30 a.m. to 12-15 p.m. All children who are seen by the School Medical Officer at the Minor Ailment Clinic and require daily attention, are referred to this clinic for treatment ; by this arrangement defects are cured very much quicker than if treated at home, thus saving loss of attendance at school.

BOARD OF EDUCATION TABLES.

TABLE I.—RETURN OF MEDICAL INSPECTIONS—Year ended 31st

December, 1924.

A.—ROUTINE MEDICAL INSPECTIONS.

Number of Code Group Inspections.

Entrants	472
Intermediates	854
Leavers	1003
<hr/>	
Total	2329
<hr/>	

Number of other Routine Inspections Nil.

B.—OTHER INSPECTIONS.

Number of Special Inspections	3292
Number of Re-inspections	2640
<hr/>	
Total	5932
<hr/>	

TABLE II.

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION
IN THE YEAR ENDED 31st DECEMBER, 1924.

Defect or Disease.	Routine Inspections. No. of defects.		Special Inspections. No. of defects.	
	Requiring treatment.	Requiring to be kept under observation, but not requiring treatment.	Requiring treatment.	Requiring to be kept under observation, but not requiring treatment.
(1)	(2)	(3)	(4)	(5)
Malnutrition	7	...	—	...
Uncleanliness— (See Table IV. Group V.)	—	...	—	...
Skin—				
Ringworm—				
Scalp	5	...	92	...
Body	—	...	29	...
Scabies	1	...	32	...
Impetigo	26	...	208	...
Other Diseases (Non-T.B.) ...	19	...	543	...
Eye—				
Blepharitis	12	...	30	...
Conjunctivitis	13	...	48	...
Keratitis	1	...	1	...
Corneal Opacities	1	...	—	1
Defective Vision	204	...	233	11
Squint	20	...	16	1
Other Conditions	12	1	45	1
Ear—				
Defective hearing	190	...	145	2
Otitis Media	2	3	—	—
Other Ear Diseases	24	...	90	1
Nose and Throat—				
Enlarged Tonsils only	71	139	172	31
Adenoids only	36	48	38	11
Enlarged Tonsils & Adenoids...	10	20	22	2
Other Conditions	21	2	77	2
Enlarged Cervical Glands— (Non-Tuberculous)	15	403	87	19
Defective Speech	—	5	—	—

TABLE II.—Continued.

Defect or Disease.	Routine Inspections. No. of defects.			Special Inspections. No. of defects.			
	Requiring treatment.	Requiring to be kept under observation, but not requiring treatment.		Requiring treatment.	Requiring to be kept under observation, but not requiring treatment.		
(1)	(2)	(3)		(4)	(5)		
Teeth—							
Dental Diseases (See Table IV. Group IV.).	943	...	—	...	115	...	—
Heart and Circulation—							
Heart Disease—							
Organic	30	...	—	...	13	...	1
Functional	11	...	—	...	—	...	—
Anaemia	51	...	—	...	21	...	—
Lungs—							
Bronchitis	1	...	—	...	4	...	—
Other Non-T.B. Diseases	52	...	—	...	139	...	5
Tuberculosis—							
Pulmonary—							
Definite	—	...	—	...	12	...	—
Suspected	16	...	—	...	53	...	3
Non-pulmonary—							
Glands.....	2	...	—	...	14	...	—
Spine	—	...	1	...	—	...	—
Hip	—	...	—	...	2	...	—
Other Bones and Joints ...	—	...	1	...	1	...	—
Skin	—	...	—	...	—	...	—
Other Forms	—	...	—	...	2	...	—
Nervous System—							
Epilepsy	—	...	—	...	—	...	1
Chorea.....	—	...	—	...	6	...	—
Other Conditions	—	...	3	...	3	...	1
Deformities—							
Rickets	—	...	14	...	1	...	—
Spinal Curvature	2	...	—	...	6	...	—
Other Forms	8	...	7	...	10	...	3
Other Diseases and Defects	59	...	1	...	549	...	48

TABLE II.—Continued.

B.—NUMBER OF INDIVIDUAL CHILDREN FOUND AT ROUTINE
MEDICAL INSPECTION TO REQUIRE TREATMENT
(EXCLUDING UNCLEANLINESS AND DENTAL DISEASES).

Group. (1)	Number of children.		Percentage of Children found to require treatment. (4)
	Inspected. (2)	Found to require treatment. (3)	
Code Groups :			
Entrants	472	132	28.0
Intermediates	854	295	34.5
Leavers	1003	284	28.3
Total (code groups)	2329	711	30.5
Other routine inspections ...	Nil.	Nil.	Nil.

TABLE III.—RETURN OF ALL EXCEPTIONAL CHILDREN IN THE AREA.

			Boys.	Girls.	Total.
Blind (including partially blind).	(i.) Suitable for training in a School or Class for the Totally Blind.	Attending Certified Schools or Classes for the Blind.....	1	1	2
		Attending Public Elementary Schools ...	—	—	—
		At other Institutions	—	—	—
		At no School or Institution	1	1	2
	(ii.) Suitable for training in a School or Class for the partially blind.	Attending Certified Schools or Classes for the Blind.....	2	1	3
		Attending Public Elementary Schools ...	—	—	—
		At other Institutions	—	—	—
		At no School or Institution	—	—	—
Deaf (including deaf and dumb and partially deaf).	(i.) Suitable for training in a School or Class for the totally deaf or deaf and dumb.	Attending Certified Schools or Classes for the Deaf	—	2	2
		Attending Public Elementary Schools ...	—	—	—
		At other Institutions	—	—	—
		At no School or Institution	—	—	—
	(ii.) Suitable for training in a School or Class for the partially deaf.	Attending Certified Schools or Classes for the Deaf	—	—	—
		Attending Public Elementary Schools ...	—	—	—
		At other Institutions	—	—	—
		At no School or Institution	—	—	—

TABLE III.—Continued.

			Boys.	Girls.	Total.
Mentally Defective.	Feeble-minded (cases not notifiable to the Local Control Authority).	Attending Certified Schools for Mentally Defective Children	3	1	4
		Attending Public Elementary Schools ...	2	3	5
		At other Institutions	—	—	—
		At no School or Institution	—	1	1
	Notified to the Local Control Authority during the year.	Feeble-minded	—	—	—
		Imbeciles	—	—	—
		Idiots	—	—	—
Epileptics.	Suffering from severe epilepsy.	Attending Certified Schools for Epileptics	—	—	—
		In Institutions other than Certified Special Schools	—	—	—
		Attending Public Elementary Schools ...	1	2	3
		At no School or Institution	—	—	—
	Suffering from epilepsy which is not severe.	Attending Public Elementary Schools ...	—	—	—
		At no School or Institution	—	—	—
Physically Defective.	Infectious pulmonary and glandular tuberculosis.	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board	—	1	1
		At other Institutions	—	—	—
		At no School or Institution	1	1	2

TABLE III.—Continued.

			Boys.	Girls.	Total.
Physically Defective.	Non-infectious but active pulmonary and glandular tuberculosis.	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board	1	—	1
		At Certified Residential Open-Air Schools	—	—	—
		At Certified Day Open-Air Schools	—	—	—
		At Public Elementary Schools	—	—	—
		At other Institutions	—	—	—
		At no School or Institution...	2	4	6
	Pulmonary and glandular tuberculosis "arrested" and non- infectious.	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board	—	—	—
		At Certified Residential Open-Air Schools	—	—	—
		At Certified Day Open-Air Schools	—	—	—
		At Public Elementary Schools	3	2	5
		At other Institutions	—	—	—
		At no School or Institution ...	—	—	—
	Delicate children (e.g., pre- or latent tuberculosis, malnutrition, debility, anaemia, etc.	At Certified Residential Open-Air Schools	1	2	3
		At Certified Day Open-Air Schools	—	—	—
		At Public Elementary Schools	3	5	8
		At other Institutions	1	—	1
		At no School or Institution ...	2	2	4

TABLE III.—Continued.

			Boys.	Girls.	Total.
Physically Defective.	Active Non- pulmonary tuberculosis.	At Sanatoria or Hospital Schools approved by the Ministry of Health or the Board	—	—	—
		At Public Elementary Schools...	—	—	—
		At other Institutions	1	1	2
		At no School or Institution ...	8	3	11
	Non- pulmonary tuberculosis “arrested.”	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board	—	—	—
		At Certified Residential Open-Air Schools	—	—	—
		At Certified Day Open-Air Schools	—	—	—
		At Public Elementary Schools...	14	16	30
		At other Institutions	1	—	1
		At no School or Institution ...	—	1	1
	Crippled children (other than those with active tuberculous disease), e.g., children suffering from paralysis, &c., and including those with severe heart disease.	At Certified Hospital Schools...	—	—	—
		At Certified Residential Cripple Schools	—	—	—
		At Certified Day Cripple Schools	—	—	—
		At Public Elementary Schools	10	11	21
		At other Institutions	—	—	—
		At no School or Institution ...	—	—	—

TABLE IV.—Return of Defects Treated during the Year ended 31st December, 1924.
TREATMENT TABLE.

GROUP I.—MINOR AILMENTS (EXCLUDING UNCLEANLINESS, FOR WHICH SEE GROUP V.)

Disease or Defect.	NUMBER OF DEFECTS.													Percentage of defects treated.	
	REFERRED FOR TREATMENT.			RESULTS OF TREATMENT.						No. of defects for which no report is avail-able.	No. of defects for which treat-ment was refused.	Left School or Town.	Still on Books.		
				REMEDIED.			No. of defects treated.	No. of defects Un-treated.							
	From previous Year.	1924 Cases.	Total.	Under the Authority's Scheme—Clinic.	Other-wise.	Im-proved.			Un-changed.						
SKIN—															
Ringworm—scalp	9	83	92	79	1	10	—	90	—	—	2	10	97.8	98.7	
Ringworm—body	2	27	29	25	—	4	—	29	—	—	—	4	100.0	100.0	
Scabies	4	29	33	27	2	4	—	33	—	—	—	4	100.0	100.0	
Impetigo	—	230	230	208	10	—	—	218	5	7	—	12	94.8	100.0	
Other Skin Disease	—	259	259	232	10	—	—	242	5	10	2	15	93.4	100.0	
MINOR EYE DEFECTS	—	76	76	75	1	—	—	76	—	—	—	—	100.0	—	
MINOR EAR DEFECTS—															
Hearing	52	219	271	145	49	—	—	194	51	5	6	56	71.6	80.6	
Otorrhoea	3	98	101	90	8	—	—	98	2	—	—	2	97.0	95.0	
Otitis Media	2	1	3	—	2	—	—	2	—	—	—	—	66.7	33.3	
MISCELLANEOUS	—	312	312	311	1	—	—	312	—	—	—	—	100.0	100.0	
(e.g., minor injuries, bruises, sores, chil-blains, etc.)															
TOTAL	72	1334	1406	1192	84	18	—	1294	63	22	6	21	103	92.0	94.1

GROUP II.—DEFECTIVE VISION, SQUINT, AND EXTERNAL EYE DISEASE.

Disease or Defect.	NUMBER OF DEFECTS DEALT WITH.			
	Under the Authority's Scheme.	Submitted to refraction by private practitioner, or at hospital, apart from the Authority's Scheme.	Otherwise.	Total.
(1)	(2)	(3)	(4)	(5)
Errors of Refraction (including Squint)	241	23	—	264
Other Defect or Disease of the Eyes.....	49	—	—	49
Total	290	23	—	313

Total number of children for whom Spectacles were prescribed :—

- (a) Under the Authority's Scheme 185
- (b) Otherwise 23

Total number of children who obtained or received Spectacles :—

- (a) Under the Authority's Scheme 200*
- (b) Otherwise 23

* A number of these were cases carried over from the previous year.

GROUP III.—TREATMENT OF DEFECTS OF NOSE AND THROAT.

NUMBER OF DEFECTS.												
REFERRED FOR TREATMENT.			RECEIVED OPERATIVE TREATMENT.		Total No. treated.	For whom no operation was considered necessary.	Number Untreated.	For whom treatment was refused.	Left School or Town.	Attendances at Clinic.	Percentage of defects treated.	
From previous year.	1924 Cases.	Total.	Under the Authority's Scheme—Clinic.	By private practitioner or at hospital.							1924	1923
14	224	238	69	6	75	48	30	81	4	121	31.5	38.5

GROUP IV.—DENTAL DEFECTS.

(1) Number of Children who were :—

(a) Inspected by the Dentist :

Aged :

Routine Age Groups.	5	—	} Total—2870.
	6	271	
	7	287	
	8	365	
	9	425	
	10.....	432	
	11.....	388	
	12.....	323	
	13.....	325	
	14.....	54	
	Other ages	—	

Specials 244

Grand Total3114

(b) Found to require treatment2446

(c) Actually treated2002

(d) Re-treated during the year 754

(2) Half-days devoted to { Inspection 21 } Total 331
 { Treatment 310 }

(3) Attendances made by children for treatment 3419

(4) Fillings { Permanent teeth1290 } Total 1524
 { Temporary teeth 234 }

(5) Extractions { Permanent teeth 493 } Total 4198
 { Temporary teeth3705 }

(6) Administrations of general anaesthetics for extractions Nil.

(7) Other operations 782

GROUP V.—UNCLEANLINESS AND VERMINOUS CONDITIONS.

(See Pages 17 and 18).