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# COUNTY BOROUGH OF SOUTHPORT.

### EDUCATION COMMITTEE.

# TENTH ANNUAL REPORT

### ON THE

# MEDICAL INSPECTION OF SCHOOL CHILDREN,

### FOR THE YEAR 1918,

BY

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

SCHOOL MEDICAL OFFICER.

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

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

### PROPORTION OF CHILDREN ACTUALLY INSPECTED.

Out of 2736 children placed on the list for inspection, 93.5 per cent. were inspected; 1.6 per cent. of parents declined to have their children inspected; 26.2 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, 67.2 per cent.; Whooping Cough, 35.7 per cent.; Chicken Pox, 23.0 per cent.; Scarlet Fever, 5.9 per cent.; Dipththeria, 1.6 per cent.; Mumps, 5.6 per cent.; Rheumatism, 0.4 per cent

### VACCINATION.

38.2 per cent. were unvaccinated, the greater part of the deficiency occurring amongst the infants. In addition, 0.5 per cent., though said to have been vaccinated, had no cicatrices.

	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
1917	 60.2	 57.5
1918	 63.4	 63.6

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

### HEIGHT AND WEIGHT.

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

### TABLE A.-ALL SCHOOLS, SOUTHPORT.

### (1) Average Heights and Weights (Age last Birthday).

BOYS.	GIRLS.
Age last	Age last
Birth-	Birth-
No. day. Ft. Ins. Cms. St. Lbs. Kilos.	No. day. Ft. Ins. Cms. St. Lbs. Kiles.
$60 \dots 3 \dots 3 \dots 3 \dots 1.1 \dots 94.2 \dots 2 \dots 4.9 \dots 14.92$	53 $3$ $3-0.4$ $92.5$ $2-3.8$ $14.42$
73 4 3-3.7 100.8 2-9.1 16.83	67 4 3-3.3 99.8 2-7.1 15.92
160 5 3-5.8 106.2 2-11.7 18.00	15853 - 5.5105.42 - 10.317.37
79 6 3-7.9 111.5 3-1.7 19.82	75 6 3-7.2 109.7 2-13.8 18.96
201 7 3-10.5 118.1 3-7.2 22.31	215 7 3-11.2 119.9 3-5.3 21.46
187 8 3-11.8 121.4 3-9.6 23.40	175 8 3-11.2 119.9 2-13.8 18.96
22 9 4-2.7 128.8 4-3.7 27.08	25 9 4-1.1 124.7 3-12:2 24.59
39 10 4-3.8 131.6 4-6.9 28.53	$2610 \ldots 4-2.5 \ldots 128.3 \ldots 4-3.3 \ldots 26.90$
203 11 4-5.9 136.9 4-12.9 31.26	201 11 4-5.9 136.9 4-9.9 29.89
198 12 4-7.0 139.7 5-1.2 32.30	19012 4-7.4 140.7 5-0.7 32.07
72 13 4-9.3 145.6 5-9.4 36.00	4913 4-9.3 145.6 5-6.6 34.74
$25 \dots 14 \dots 5 - 1.2 \dots 155.4 \dots 6 - 13.5 \dots 44.20$	$1 \dots 14 \dots 4 \dots 3, 0 \dots 129.6 \dots 4 \dots 6.5 \dots 28.35$
3 15 5-0.7 154.2 6-12.3 43.66	
1322	1235

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

BOYS.	GIRLS. Age last
Age last Birth-	Age last
Birth-	Birth-
No. day. Ft. Ins. Cms. St. Lbs. Kilos.	No. day. 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	$21362 \dots 4 \dots 3 - 2.6 \dots 98.1 \dots 2 - 6.9 \dots 15.82$
65438 5 3-4.5103.0 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 3-6.4107.6 2-13.0 18.58
37515 7 3-9.2114.7 3-4.7 21.20	$36477 \dots 7 \dots 3 - 8.8 \dots 113.9 \dots 3 - 3.2 \dots 20.50$
9684 8 3-11.0119.3 3-8.4 22.86	$12014 \dots 8 \dots 3 - 10.3 \dots 117.6 \dots 3 - 6.9 \dots 22.19$
7873 9 4-1.1124.7 3-13.4 25.12	8138 9 4-0.7123.7 3-12.6 24.75
21579 10 4-2.9129.4 4-4.4 27.42	21017 10 4-3.1129.8 4-2.9 26.71
5084 11 4-4.8134.2 4-5.6 29.93	5129 11 4-4.5133.5 4-9.9 29.59
37230 12 4-7.0139.8 5-2.9 33.05	$36577 \dots 12 \dots 4 \_ 6.6 \dots 138.7 \dots 5 \_ 3.9 \dots 33.51$
52232 13 4-8.1142.5 5-7.5 35.15	50717 13 4-8.8144.5 5-10.1 36.31
4342 14 4-9.9147.1 6-0.1 38.15	3702 14 4-10.7149.0 6-3.7 39.81



### RINGWORM.

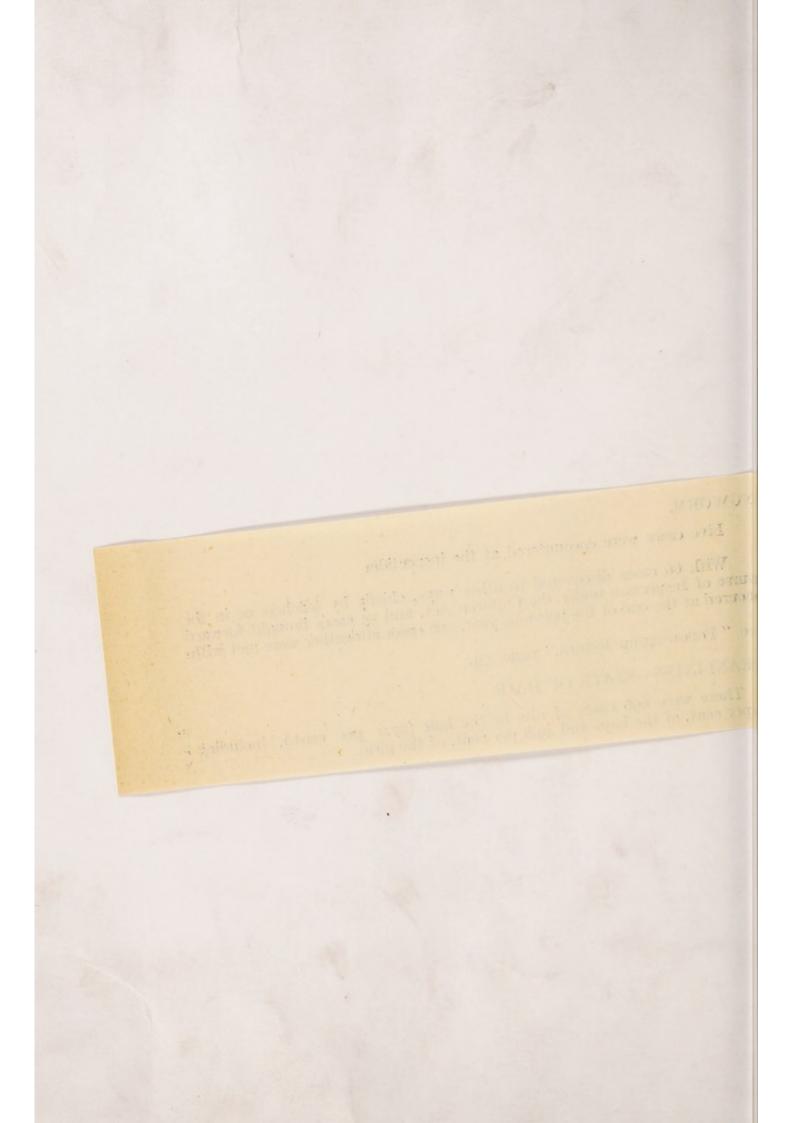
Five cases were encountered at the inspection,

With 66 cases discovered in other ways, chiefly by teachers or in the course of Inspection under the Children Act, and 35 cases brought forward uncured at the end of the previous year, 106 cases altogether were met with.

(See "Following-up Return," page 23).

### CLEANLINESS-STATE OF HAIR.

There were 696 cases of nits in the hair (27.2 per cent.), including 6.1 per cent. of the boys and 49.8 per cent. of the girls.



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

### BOYS.

### GIRLS.

p. Age. Ft. Ins. Cms. St. Lbs. Kilos.	No. Age. Ft. Ins. Cms. St. Lbs. Kilos.
33 3 3-0.1 91.7 2-3.8 14.42	28 3 2-11.0 88.9 2-2.6 13.88
73 4 3-2.5 97.8 2-6.9 15.83	$60 \dots 4 \dots 3 - 2.2 \dots 97.0 \dots 2 - 5.3 \dots 15.10$
33 5 3-6.3107.4 2-11.8 16.23	$128 \dots 5 \dots 3 - 4.3 \dots 102.4 \dots 2 - 8.5 \dots 16.56$
17 6 3-6.9109.0 2-13.9 19.00	$114 \dots 6 \dots 3 - 6.7 \dots 108.5 \dots 2 - 12.3 \dots 18.28$
94 7 3-9.4115.3 3-4.8 21.23	96 7 3-8.6113.3 3-2.0 19.96
<b>187</b> 8 3-11.2119.9 3-8.5 22.90	294 8 3-11.2119.9 3-6.7 22.09
37 9 4-2.0127.0 4-1.1 25.90	40 9 4-0.5123.2 3-10.8 22.95
$34 \dots 10 \dots 4 - 2.5 \dots 128.3 \dots 4 - 3.1 \dots 26.80$	$27 \dots 10 \dots 4 - 2.4 \dots 128.0 \dots 4 - 3.4 \dots 26.94$
77 11 4-8.5143.5 4-11.4 30.57	69 11 4-4.6133.6 3-1.1 19.54
<b>309</b> 12 4—7.9142.0 4—13.9 31.71	$298 \dots 12 \dots 4 - 6.7 \dots 138.9 \dots 4 - 12.3 \dots 30.98$
$70 \dots 13 \dots 4 - 8.4 \dots 143.2 \dots 5 - 6.3 \dots 34.60$	68 13 4-8.8144.2 5-6.3 34.60
39 14 4-10.9149.6 6-2.2 39.08	$13 \dots 14 \dots 4 - 10.0 \dots 147.3 \dots 5 - 7.9 \dots 35.34$
$19 \dots 15 \dots 5 - 1.8 \dots 156.8 \dots 7 - 2.1 \dots 45.40$	
322	
322	1235

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 Ainsdale C. E.	1914	1915	1916	1917	1918
	%	%	%	%	%
Ainsdale C. E	78.3	56.3	67.7	65.0	36.8
Ainsdale Council	33.3	43.8	37.5	60.0	33.3
Ainsdale R. C.	70.0	50.0	4515	25.0	35.3
All Saints' C. E	56.1	65.6	48.3	35.0	55.9
Birkdale C. E					
Birkdale Council					
Blowick C. E.					
Churchtown Council					
Crossens C. E.	40.2	24.0	21 7	51 6	47.2
Dean Cooke Mem. R. C	00.00	52.3	53.7	44.0	00.0
Emmanuel C. E	37.5	9.I	31.3	25.0	12.5
Hely Trinity C. E.					
Linaker Street Council					
St. Luke's C. E	43.3	27.3	22.6	40.8	27.8
St. Marie's R. C.					
St. Philip's C. E					
S.S. Simon & Jude's C. E					
St. Teresa's R. C.					
or record re or minimum	/				
	-				40.0

Total ..... 61.9 53.0 53.5 52.5 49.8

### CARIOUS PERMANENT TEETH.

27.5 per cent. of the children over six years of age have one or more permanent teeth carious. At leaving the percentage is 44.5. (See Following-up" Return, page 23). These figures should be compared with those of other places; they show a definite improvement.

### ENLARGED TONSILS AND ADENOIDS.

12.0 per cent. of the children were affected, and of these 52 (2.0 per cent.) were cases requiring removal.

### ENLARGED GLANDS IN THE NECK.

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

### DEFECTIVE VISION.

342 children (17.2 per cent.) failed to read  $\frac{6}{6}$  with each eye, and all these are classified as defective.

### EXTERNAL EYE DISEASE.

2.2 per cent. (Squint 0.8).

### EAR DISEASE.

Otorrhœa, 1.º per cent.

### DEAFNESS.

292 = 11.4 per cent.; mostly due to wax.

### CARDIAC DISEASE.

16 = 0.6 per cent.

### LUNG DISEASE.

Eight cases of fairly defininte Bronchitis and one case of Asthma were met with No case of Phthisis was discovered at the routine inspection.

### NERVOUS DISEASE.

12 = 0.5 per cent.

### TUBERCULOSIS.

Two cases (Tub. Knee Joint; Old Tub. Hip).

### RICKETS.

22 = 0.9 per cent.

### NUMBER OF CHILDREN REFERRED FOR SUBSEQUENT OR FURTHER EXAMINATION.

Alveolar																							4	
Asthma																							I	
Bronchitis																							0	,
Defective																							342	
Eczema						 • •	e.		• •	•		•	• •	•		•	• •	• •	•	• •			7	
External	Eve	Dis	sea	as	e			 	• •		• •	•	• •	•	• •	•	• •	• •	•	•	• •		55	5
Ringworn																							5	5

To be attended to by School Nurses : --

Dirty	 																																	8.0	
Impetigo	•		•	•	• •		•		• •		•		•	• •	•••	•	•	•	• •	•••	•	•••	• •	•	•	•	• •	 •	•		 2	•		18	
																																	09	5	
Scabies	 •	• •	•	•	• •	•	*	•	• •	• •		•	•	•	• •		•	*	•	• •	•	• •	•	•	-	•	• •	 1	1	1		1		-	

### METHODS EMPLOYED OR AVAILABLE FOR TREATMENT OF DEFECTS.

### THE WORK OF THE SCHOOL CLINICS.

### (a) DEFECTIVE VISION.

All cases of Defective Vision, including Squint, found at the Routine Inspection, were referred to the Ophthalmic Surgeon for further examination, as were also some cases discovered in other ways. During the course of the year there were 798 attendances at the Clinic, with the following results:--

Atropine given	 	 		 					• •			 		282
														203
Glasses obtained	 • •			 	 	 	 					•		161
Can manage														
Treated Private Doct														
Treated Infirmary	 	 i.	• •	 	 •			• •	• •	•	• •	 •	4	10
Left School or Town			• •											
Still under treatment		 		 • •				•			•			21

33 necessitous cases were assisted by the Education Committee. The Committee spent  $\pounds 8$  125. 6d. on the provision of spectacles, but of this sum  $\pounds 4$  6s. od. was afterwards collected from the parents of the children concerned.

### (b) TONSILS AND ADENOIDS.

Dr. Courtney Yorke, the Committee's Nose and Throat Specialist, has continued his valuable work, and during the year has seen 216 cases. He advised surgical interference in 194 cases, and of these 165 were operated upon by him. The results are very satisfactory.

### (c) CARIOUS TEETH.

Month. sopoor	visited. Children	examined. Children needing treatment.	Appointment made. Number treated.		EXTRACTIONS. Anæsthet Perm. Local. $NO$ 2	. HE	Dressings. Total Teeth treated.
January						72	9 318
	1 11	1 108 .	311 31	5 422	48 416 5	266	
March			320 27	0 514	80 507 4	242	18 744
					62 277 6	122	
					63 420 2	205	
					61 487 6	205	
					36 358 6	205	
					58 372 2		6 628
October					82 596 4		
					17 157 10	112	
December	1 6	7 63	. 212 163	3 262	47 254 2	175	13 450
Totals 1	2144	01348	.3181270	14299	6034078 50	2135	1686542

### REPORT OF SCHOOL DENTAL SURGEON.

### SUMMARY OF EXAMINATIONS.

			BOY	rs					GIR	LS		
	Tem	porary	Teeth	Peri	nanent	Teeth	Ten	porary	Teeth	Per	manen	t Teeth
feeth Recorded		2179			6956			1905	- All		8440	-
	Sound								Unsav- able			
Charted	. 1363	87	729	6482	• 376	98	1103	66	: 736	7831	479	130
Percentage	, 62.5	4.0	33.5	93.2	5.4	1.4	57.9	3.5	38.6	92.8	5.7	1.5

The work of the Clinic was much affected by the Influenza in July and the Autumn.

### MINOR AILMENTS.

### (i) CASES SEEN BY SCHOOL MEDICAL OFFICER AT CLINIC.

(Attendances counted, not individual children).

(internations cour	icou, in	et martiadar emiliaren,	
Abscess	30	German Measles	2
Accident	1	Glands, swollen	33
Acute Patella Bursitis	2	Greenstick fracture	4
Alopecia Areata	. 6	Hairy Mole	I
Alveolar Abscess	2	Hand, swollen	I
Anæmia	I	"Healthy"	127
Angular Curvature	I	Hearing, defective	33
Anorexia	I	Herpes	14
Appendicitis	I·	Impetigo	325
Asthma	9	Influenza	7
Blind	I	Iritis	I
Boils	19	Jaundice	I
Bronchitis	IO	Keratitis	3
Bruise	2	Knee, swollen	3
Burns	5	Measles, recent	8
Cardiac Disease	4	Mentally Deficient	4
Cataract	I	Mumps	71
Cellulitis	5	Neck, swollen	6
Chest Trouble		Nephritis	4
Chicken Pox	3	Nits	+ 5
CT	15	Oedema	
	14		3
Chorea	3	Otitis Media	
Chronic Renal	2	Otorrhœa	37
Cold	3	Pains	10
Colour Blindness	I	Papilloma Tongue	1
Contracted Hand	2	Phthisis	4
Corn	I	Pityriasis	I
Cough	6 •	Psoriasis	6 .
Crushed Thumb	I	Pneumonia	2
Curved Tibia	I	Polypus	- 4
Cuts	14	Pseudo-Hypertrophic	
Cvst	I	Paralysis	3
Deaf and Dumb	3	Purpura Rheumatica	I
Defective Septum	I	Pyrexia	47
Diarrhœa	3	Rash	6
Diphtheria	3	Rheumatism	I
Diphtheria, recent	I	Ringworm	359
Earache	9	Scabies	
Eczema	29	Scalds	9
Enlarged Thyroid	4	Scarlet Fever	2 .
Epilepsy	3	Scarlet Fever, recent	41
Erysipelas	3	Shingles	3
Erythema	3	Sores	40
Erythema Nodosum	J	Sprain	40
External Eye Disease	= 8	Sting	+ I
Flat-foot	7	Stomatitis	I
Foot, swollen	1	Strabismus	2
Ganglion	2	Stye	
Gaugnon	7	otyc	19

### MINOR AILMENTS-Continued.

lachycardia	6
Teeth	5
Throat, Sore	1.
Thigh, Fractured	
Tonsillitis	59
Tonsils and Adenoids	5
Tuberculosis	Ι,
Twitching of Eyes	
Urticaria	
Verminous	

Vision, Defective ..... 41 Warts ..... 3 Whitlow .... 1 Whooping Cough ..... 3 Worms .... 12 Total ..... 2205

Total (1917) ...2686

### (ii) CASES ATTENDED TO BY SCHOOL NURSES AT CLINIC. (Not included in above table).

(Attendances counted, not individual children).

Abscess	136	Rash Ringworm	23
Accident	30	Ringworm	88
Boil	107	Scabies	1720
Burn		Sores	845
Chilblains	38	Sprain	30
Cuts	177	Tonsillitis	23
External Eye Disease	808	Verminous Head	17
Hearing	262		
Impetigo	1570		
Mumps	26	Total	6536
Otorrhœa	528		
Psoriasis	14	Total (1917)	2650

The "FOLLOWING-UP" RETURN (Page 23) shows the amount of treatment effected during the year for various Diseases and Defects.

### X-RAY TREATMENT OF RINGWORM.

About 41 cases of Ringworm were treated by the X-Ray method.

### NURSES' VISITS TO SCHOOLS AND HOMES.

(	isits		Visi	
to School	to Home	. t	o School	to Home
Abscess	· · · 3	Rickets		4
Anæmia 2		Ringworm	II	TCI
Bronchitis	2	Scabies	5	149
Clothing and		Sepsis		
Footgear 31	74	Speech	2	8
Dirty Body 12	33	Teeth	533	1371
Eczema 1		Tonsils and		
Eve Trouble 22		Adenoids		
Glands 4		Verminous		
Hearing 61	. 301	Vision		
Heart 6		Miscellaneous :	197	387
Impetigo 72	. 148			
Lupus	2			
Malnutrition 4	10	Total No. of		
Nits 413	252	Visits 15	556	4565
Otorrhœa 15	56			
Phthisis 2		1917 25	542	5423

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

### INSPECTIONS UNDER THE CHILDREN ACT, 1908: --

In	1918	 8,895
In	1917	 15,717

The following is an analysis of the condition of Children's Heads inspected in 1918 under the Children Act :---

	Boys.	Girls.	Totals.
Clean	3798 90.4	2923 65.0	6901 77.6
Nits	415 9.4	1548 34.4	1963 22.1
Verminous	8 0,2	23 0.5	31 0.3

### NUMBER OF CHILDREN IN RESPECT OF WHOM DIRECTIONS WERE GIVEN FOR TREATMENT OF DEFECTS, (AT THE INSPECTION):--

Abscess	I
Alopecia Areata	1
Anæmia	I
Asthma	I
Bronchitis	2
Cardiac Disease	12
Chilblains	I
Eczema	5
Epilepsy	1
External Eye Disease	17
Hearing	186
Impetigo	21
Otorrhœa	20
Polypus	I
Ringworm	I
Scabies	5
Tonsillitis	I
Tonsils and Adenoids	33
Urticaria	I
Verminous	I
Total	312

(Directions also given to numerous cases of Nits).

### CASES SEEN BY SCHOOL MEDICAL OFFICER AT SCHOOL.

Eye Trouble	2	Ringworm I
Glands	2	Tonsils and Adenoids I
"Healthy"	2	Vision 15
Hearing		Not Definitely Specified 1
Heart	I	
Impetigo	7	
Otorrhœa	I	Total 34

Also a number of children for additional food.

### CASES TREATED AT SCHOOL.

Abscess	2	Teeth Extracted 13
Eczema		Vision 1
Eye Trouble		Not Definitely Specified 1
Glands		
Heart		T . 1
Impetigo	21	Total 56

### MISCELLANEOUS.

A Course of Physical Training is being given to about 30 children, specially requiring it, by Mr. A. Alexander, of the Southport Physical Training College, to their very great advantage.

Five cases of Phthisis were treated during the year at the Corporation Hospital, and one case sent to the Children's Convalescent Home, West Kirby.

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.

### 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 :--

### LIST OF ELEMENTARY SCHOOLS CLOSED DURING 1918.

School	Dept.		Date of Closure		Period of Closure		Cause
St. John's, Crossens	Infants	 4	January		14 days		Measles
Holy Trinity			do.		do.		do.
St. John's, Crossens		 18	January		further		do.
			0 0		14 days		
Holy Trinity	do.		do.		do.		do.
Linaker Street		 II	February		14 days		do.
St. Marie's			do.				do.
Do	Mixed		do.				do.
Sacred Heart		 4	February		de.		do.
and the second second	011						
a. During							
St. Philip's			February		do.		do.
Sacred Heart	do.	 15	February		further		do.
			-		14 days		
Linaker Street			February		do.		do.
St. Marie's		 15	February		do.		do.
	School						
St. Philip's	do.		February		do.		do.
St. Simon & Jude's			March		14 days		de.
Linaker Street	do.	 I	March		further		do.
		~			14 days		
St. Philip's		 8	March		further		do.
	School	0			7 days		
St. John's, Ainsdale			March				do.
Birkdale Council			March		do.		
St. John's, Birkdale	do.	 8	March		do.		Whooping
							Cough
Ainsdale Council		 II	March		Up to &		Measles
	School				including		
					28 March		
St. Luke's			March		2 weeks		do.
St. Simon & Jude's	Infants	 15	March		further		do.
					2 weeks		
Churchtown	10112		April				do.
Blowick		 9	July		4 days		Influenza
	Depts. of						
0. T	School		0.11			,	
St. John's, Birkdale			October		14 days		do.
St. John's, Cressens		 15	October		do.		do.
C	School		0.1.1				
St. Teresa's			October		do.		do.
Birkdale Council			October		do.		do.
Sefton & Linaker St.	do.		October		do.	•••	do.
Christ Churca			October	•••	do.		do.
St. Marie's			October		do.		do.
Churchtown			October		do.		do.
St. Simon & Jude's	do.	 18	October	• • • •	do.		do.

### ELEMENTARY SCHOOLS CLOSED --- Continued.

Holv Trinity	Whole School	21	October	14 davs	Influenza
The remaining Schools		22	October	do.	do.
St. John's, Birkdale	do,	25	October	further	do.
				9 days	Hore Carles
St. John's, Crossens	do.	29	October	further	do.
C+ Tanana's	da		Ostahan	5 days	4.
St. Teresa's	do.		October	do.	do.
Birkdale Council	do.	29	October	do.	do.
Sefton and Linaker					
Street	do.	30	October	4 days	do.
All Elementary Schools	do.	4	November	14 days	do.
Emmanuel	do.	30	November	7 days	do.
Churchtown	do.		November		do.
St. John's, Crossens	do.	30	November	do.	do.
Emmanuel	do.	7	December	further	do.
				14 days	
Churchtown	do.	7	December		do.
St. John's, Crossens	do.		December		do
St. Simon & Jude's	do.		December		do.
0					

### NOTIFICATIONS OF INFECTIOUS DISEASE.

	Affecting the school children only					All cases in the area				n
	1916	1916 1917 1918 1				1916*	k	1917*	k	1918*
Diphtheria	35	22		19		83	·	41		50
Scarlet Fever	55	63		37		150		127		68
Measles										
Wheoping Cough										
Chicken Pox	178	177		136		369		407		326
	Excluding Military cases,									41.1

† Including German Measles.

### EXCLUDED UNDER SECTION 53 (b) OF THE CODE.

Chicken Pox	12
Diphtheria	1
German Measles	2
Measles	I
Mumps	61
Ringworm	69
Scabies	104
Scarlet Fever	3
Verminous	34
Whooping Cough	2

### DEFECTIVE AND EPILEPTIC CHILDREN.

### CHILDREN IN SPECIAL SCHOOLS.

TABLE III. on Page 22 is a survey of all the known Defective Children in the Area of the Authority.

### CHILDREN IN INDUSTRIAL SCHOOLS.

Macclesfield Industrial School	2	boys
St. Joseph's R.C. Industrial School, Victoria Street, Manchester	I	girl
St. Joseph's R.C. Industrial School Longsight, Manchester	5	boys
Shadwell Industrial School, Leeds	4	boys
Teddington Church of England Home for Waifs and Strays	I	girl
Wellesley Training Ship, South Shields	2	boys
York Industrial School for Boys	6	boys
York Industrial School for Girls	I	girl
"Clio" Training Ship, Bangor, N.W.		

Total Number of Children in Industrial Schools 20 ... 3 ... 23

### MISCELLANEOUS WORK.

.

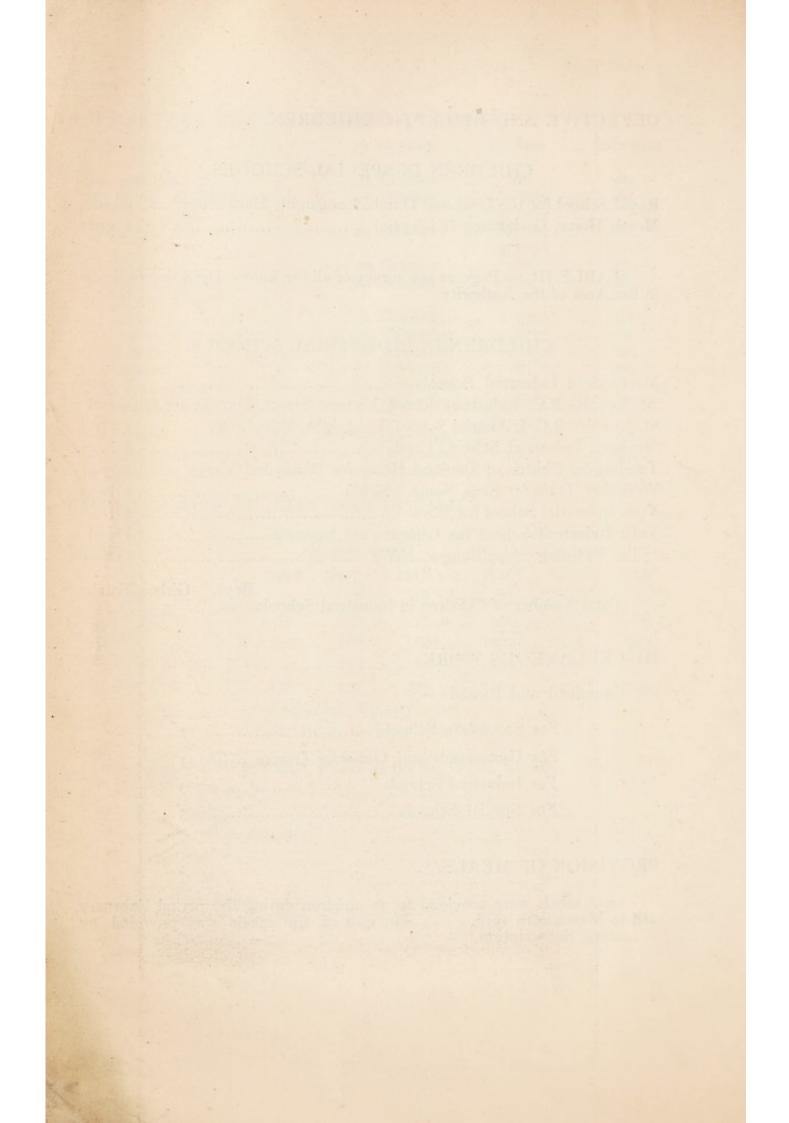
Examined and Passed :---

For Secondary School	. 17
For Gymnastics and Out-door Games	17
For Industrial Schools	. 3
For Special Schools	. 3

.

### PROVISION OF MEALS.

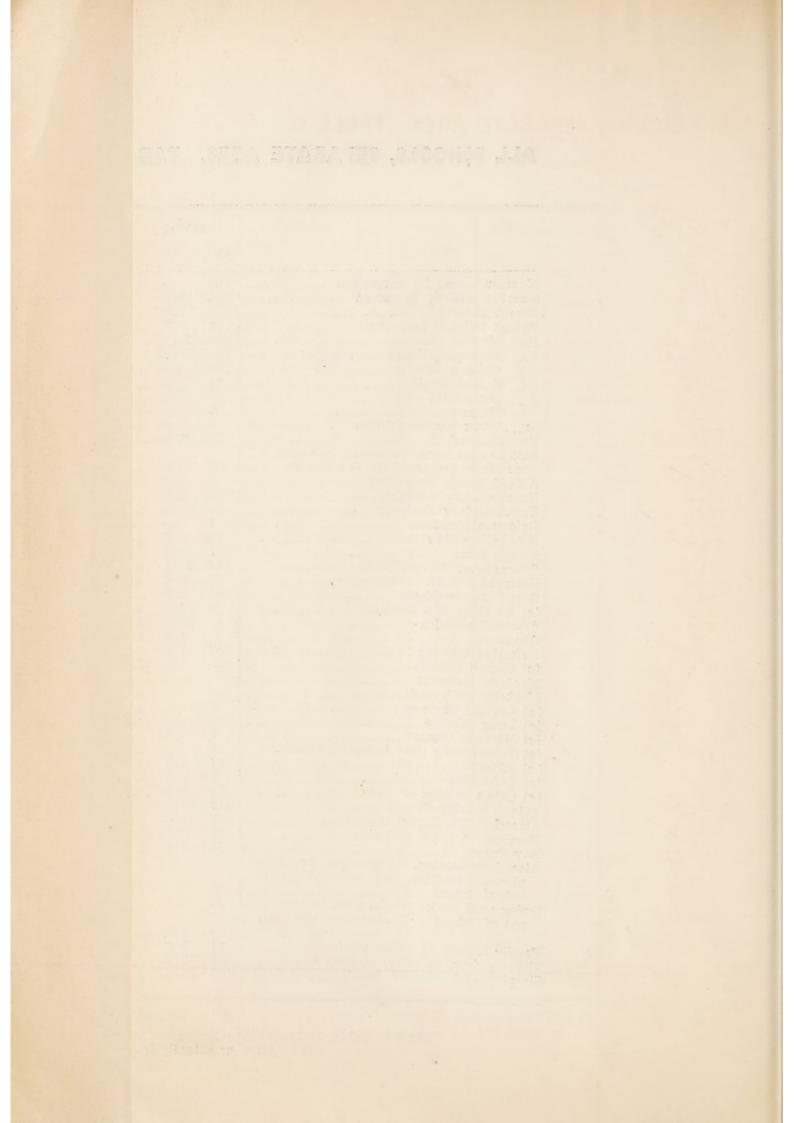
4th to March 26th 1918. The cost of the meals was provided by Tuntary Subscription.



### ALL SCHOOLS, SEPARATE AGES. TABLE B.

	-				OYS				-						P	-	1	1000
	Le	aving	A	ge 8	Ini	ants	I	otal	Lea	ving	А	ge 8	I	nfants	To	tal		AND
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No	. %	No.	%	No.	%
umber Listed for Inspection	524		552		327	_	1403	_	470		551		31		1333		2736	
umber actually Inspected			529		292		1322	94.2	441	93.8	522	94.7	27		1235		2557 671	93.5 26.2
arent Present		7.8	140		119		298	22.5	97	22.0	162		11	3 1.0	373	1.8	44	1.6
arent Refused Inspection		2.0	5	0.9	4	1.2	20	1.4	12	2.6	9	1.6	13		848	68.7	1718	67.2
ad Measles			347	65.6	145		870	65.8	368	83.4	343	38.7	7		473	38.3	913	35.7
" Whooping Cough			179	33.8	73		440	33.3	199	45.1 33.6	202	24.7	21		306		589	23.0
Chicken Pox		25.7	115		39	13.4	283	21.4	148	10.4	26	4.9		3 1.8	77	6.2	150	5.9
" Scarlet Fever		8.8	25	4.7	4	1.4	73	1.6	12	2.7	8	1.5		_	21	1.7	42	1.6
" Diphtheria		13.4		3.2	1	_	85	6.4	47	10.7	10	1.9			58	4.7	143	5.6
Mumps		0.8	17	0.4	1	_	4	0.3	6	1.4	5	0.9			12	1.0	16	0.6
nvaccinated		11.2	266		185		507	38.4	49	11.1	249	47.7	17:	63.6	471	38.1	978	38.2
aid to have been Vaccinated, but have	1 00			0010		0011												
no Marks (returned as Vaccinated)	3	0.6		0.4			5	0.4	3	0.7	3	0.6	1		7	0.6	12	0.5
ttend School Irregularly		0.6	6	1.1	17	5.8	26	2.0	7	1.6	16	3.0	10		39	3.2	65	2.5
nsatisfactory Clothing		0.4	3	0.6	1	_	6	0.5	1		3	0.6			6	0.5	12	0.5
nsatisfactory Footgear			12	2.3	2	0.7	15	1.1	3	0.7	1			2 0.7	6	0.5	21	0.8
efective Nutrition		-		-		-	1										1	
its in the Hair	. 23	4.6	35	6.6	23	7.9	81	6.1		58.0	256		103	\$ 37.9	615		696	27.2
odies Dirty	. 2	0.4	2	0.4	2	0.7	6	0.5	2	0.5		40.0			2	0.2	8	0.3
Permanent Carious Teeth	. 216	43.1		11.3			276		203	46.0	69	13.2		15.4	272	28.2	548 318	12.0
alarged Tonsils or Adenoids	. 48	9.6	74		33		155	11.7	52	11.8		13.2			163	13.2	137	5.3
lands in the Neck	. 26	5.2	39	7.3	19	6.5	84	6.4	15	3.4	27	5.2	11		53	1.9	55	2.2
External Eve Disease	. 8	1.6	15	2.8	8	2.7	31	2.3	8	1.8	10	16.3			172	17.9	342	17.2
Defective Vision	. 89	17.8	81				170	16.5 0.8	84	1.8	4	0.8		1.5	16	1.3	26	1.0
torrhoea	. 0	1.2	1	0.0	3	1.0	10	9.2	74	16.8		13.0		10.3	170	13.8	292	11.4
efective Hearing	. 00	11.6	51	9.6		4.5	4	0.3	1		2	0.4			3	0.2	7	0.3
) Speech Defects	-			0.0	1												-	
entally Deficient						_	1		4	0.9	3	0.6			7	0.6	8	0.3
entally Backward	1 1		6	1.1	1		8	0.6	2	0.5	5	0.9	1		8	0.6	16	0.6
) Cardiac Disease	1 1	-	2		1		4	0.3	2	0.5	3	0.6		-	5	0.4	9	0.4
) Lung Disease	4	0.8	2	0.4	1	-	7	0.5	3	0.7	2	0.4			5	0.4	12	0.5
) Nervous Disease ) Nervous Disease ) Tuberculosis (Not Lungs or Glands)	1	_				-	1		1			-			1	-	2	0.0
) Tuberculosis (Not Lungs of Guilds),	11	2.2	7	1.3			18	1.4	4	0.9					4	0.3	22	0.9
		0.8	2	0.4	2	0.7	8	0.6	7	1.6	6	1.1		1.1	16	1.3	24	0.9
		3.9	41	7.8	20	6.8	81	6.1	21	4.8	28	5.4	21		70	5.7	151	5.9
		83.2	372		165	56.5	954	72.2	398	90.2	384	73.6	164	60.3	946	76.6	1900	74.3
		18.8	18	3.4		-	112	8.5	92	20.9	6	1.1			98	7.9	210	8.2
		3.6				_	18	1.4		-							18	0.7
	. 13	2.6	4	0.8		-	17	1.3	-					10. 3753		-	11	0.1
							1										1	
	1 1	-				1	1										-	1
-in a trade		-		-														
out of School 2-Effailus and the	1 10	3.8					19	1.4	- and	-		-					19	0.7
	19	2.2	3	0.6			14	1.0	17	3.9	2	0.4		-	19	1.5	33	1.3
amily history of Tuberculosis	66	13.2			31	10.6	190	14.4	56	12.7	80	15.3	21	8 10.3		13.3	354	13.8
		33 9	196	37.0	86	29.4	449			32.9	173				394			32.9
leeping with window closed	101	0010				Territo Sign	213.31 Start 1		10.00								1999	12000

(a) See Table C. \*Children younger than 6 years NOT included in these percentages.
 In this Table, and in Table C, an infant means a child under the age of 6. Percentages are calculated on the number actually inspected except in the cares of "Number actually inspected," and "Parent refused inspection," which are calculated on the number listed for inspection.



# ALL SCHOOLS, SEPARATE AGES. TABLE C.

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

BOYS

GIRLS

Carpen

	1					1			-	1	-
	Leavin	g A	ge 8	Infants	Total	Leaving	Age 8	Infants	Total	Grand To No.	tal %
NUMBER INSPECTED	501	. 52	29	292	1322	441	522	. 272	1235	2557	
OTHER SERIOUS DISEASE (Past). Appendicitis Chorea. Progressive Muscular Atrophy Rheumatism Typhoid					1 3	$\begin{array}{c} 6 & \dots \\ \hline 2 & \dots \\ \hline 4 & \dots \\ \hline & \cdots \end{array}$	1 		$\frac{1}{2}$ -7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.4
EXTERNAL EYE DISEASE Blepharitis Conjunctivitis Corneal Ulcer Nebula Nystagmus Ophthalmia Ptosis Strabismus Stye		··· -		1 1 1 1 1 4		2		$     \begin{array}{ccccccccccccccccccccccccccccccccc$	3 1 	$55 \dots 12 \dots 12 \dots 13$ $1 \dots 8 \dots 4 \dots 22 \dots 13$ $1 \dots 21 \dots 4 \dots 4$	0.4 0.3 0.2 - 0.8 0.8
SPEECH DEFECTS Defective Articulation Dumb Stammer			4 2 2	<u> </u>	2	1 1 	2		33	8 5 1 2	0.2
CARDIAC DISEASE Arrhythmia Mitral Regurgitation Pulmonary Stenosis	1		6 1 5	<u> </u>	1 7	2 2 	4		8 7 1	$     \begin{array}{c}       16 \\       1 \\       14 \\       1 \\       1 \\       \dots \\     \end{array} $	0.5
LUNG DISEASE Asthma Bronchitis			2 2			2 1 1			5 1 4	9 ( 1 8 (	
NERVOUS DISEASE Epilepsy Facial Paralysis Infantile Paralysis	$1 \\ 2 \\$				$\frac{1}{2}$	1	_ :.		5 1 1 3	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.1
TUBERCULOSIS Old Tubercular Hip Tubercular Knee								: = : =	1 1 —	2 1 1	-
RICKETS Curved Femur Curved Tibia Pigeon Breast	3		1		$\frac{1}{3}$	<u> </u>		. —	4	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.2

## ALL SCHOOLS, SEPARATE AGES. TABLE C-(continued).

			во	YS		-			GI	RLS	;		
	Leavi	ng	Age 8	Infan	its J	fotal	Leavi	ing	Age	8 In	fants	Total	Grand Total No. %
NUMBER INSPECTED	501		529	. 292	1	322	441		522	2	72	1235	2557
DEFORMITIES Accessory Auricle Ankylosed Hip Cleft Palate Congenital Dislocation of Hip Epicanthic Folds Flatfoot Hare Lip Ichthyosis Inguinal Hernia Keel-Shaped Palate Persistent Gill Cleft Spina Bifida Talipes Torticollis OTHER DISEASE OR DEFECT Abscess Alopecia Areata Alveolar Abscess Anaemiä Appendicitis Boil Broken Finger Burns Chilblains	4 	···· ···· ···· ···· ···· ···· ···· ···· ····	529 2 1   	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		322       8       1    1       1    <	$ \begin{array}{c} 7 \\ -1 \\ 1 \\ -1 \\ -2 \\ 2 \\ 1 \\ -2 \\ 21 \\ 1 \\ -1 \\ -1 \\ -1 \\ -1 \\ -1 \\ -1 \\ -1$		$ \begin{array}{c} 6 \\ 1 \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ -$		$72 \dots 72$ $3 \dots 2$ $2 \dots 2$ $2 \dots 2$ $1 \dots 2$ $1 \dots 2$ $1 \dots 1$ $1 \dots 1$ $1 \dots 1$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Cretinism Eczema Enlarged Thyroid Erythema Nodosum. Hereditary Oedema Impetigo Mastoid Scar Measles Old Dislocation of Hip Pityriasis Polypus Psoriasis Pyorrhœa Ringworm Scabies Scald *Scar Stomatitis Tonsillitis Urticaria		···· ···· ···· ···· ····	$\overline{3}$ $\overline{3}$ $\overline{12}$ $\overline{12}$ $\overline{12}$ $\overline{12}$ $\overline{12}$ $\overline{12}$ $\overline{13}$ $\overline{13}$ $\overline{13}$ $\overline{13}$ $\overline{1}$			$ \begin{array}{c}                                     $	$ \begin{array}{c} 1 \\ -1 \\ 4 \\ -1 \\ -1 \\ -1 \\ -1 \\ 1 \\ 6 \\ \end{array} $	····		···· · · · · · · · · · · · · · · · · ·	$1 \dots $ $6 \dots $ $1 \dots $ $1 \dots $ $2 \dots $ $1 \dots $	$ \begin{array}{c} 1 \\ 19 \\ -1 \\ -3 \\ -1 \\ -2 \\ 1 \\ 21 \\ 21 \\ 21 \\ 21 \\ 21 \\ 21 \\ 21$	$\begin{array}{c}1 & \dots & - \\ 7 & \dots & 0.3 \\ 1 & \dots & - \\ 48 & \dots & 1.9 \\ 1 & \dots & - \\ 3 & \dots & 0.1 \\ 1 & \dots & - \\ 2 & \dots & - \\ 5 & \dots & 0.2 \\ 5 & \dots & 0.2 \\ 2 & \dots & - \\ 5 & \dots & 0.2 \\ 2 & \dots & - \\ 42 & \dots & 1.6 \\ 3 & \dots & 0.1 \\ 1 & \dots & - \\ 1 & \dots & - \\ 1 & \dots & - \end{array}$

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

### BOARD OF EDUCATION TABLES.

### TABLE I.

### NUMBER OF CHILDREN INSPECTED 1st JANUARY, 1918, TO 31st DECEMBER, 1918.

### A.--- "CODE" GROUPS.

					RANTS		0.1		(T) + 1
Boys	Age		60	4 73	160	79	 Other ages		Total 372
Girls			53	67	158	75	 -		353
	Total	s	113	140	318	154			725
I	ntermediate	e Group							
					LEAVE				Grand
	Age	8	I	2	13	14	15 Tota	1	Total
Boys		388	19	8	72	25	 3 686		1058
Girls		390	19	0	49	. I	 — 630		983
Т	otals	778	38	8	121	26	3 1316		2041

### B.-GROUPS OTHER THAN "CODE."

		rmedia Group Than 8	Special Cases	Re-Examinations (i.e., No. of Children Re-Examined)
	(1)	(2)	(3)	(4)
Boys		264	 )	 
			603	
Girls		 252	 ,	 
	(D) 1 1			
	Totals	516	603	

### TABLE II.

### RETURN OF DEFECTS FOUND IN THE COURSE OF MEDICAL INSPECTION IN 1918.

*	Code	Gr	oups	Sp	ecials	
Defect or Disease	Number referred for Treatment	t ob	Number equiring b be kept under servation, but not referred for reatment	Number referred for Treatment	rec to l u obse bu re:	umber Juiring De kept nder rvation, it not ferred for atment
- (I)	(2)		(3)	(4)		(5)
Malnutrition	. т			—		
Uncleanliness-						
Head	. —		696 .	33		
Body				—	••••	
Skin						
Ringworm Scabies				66		
Impetigo	. 48			101 176		-
Other Diseases	. 18	•••		5		
Eye-						
Defective Vision and Squint External Eye Disease	363		— .			-
	. 34			18		
Ear—						
Defective Hearing Ear Disease	. 292			26		
	. 20			10		
Teeth	Deser					
Dental Disease (see Table on	Page 9).					
Nose and Throat-						
Enlarged Tonsils	47		135 .	—		- •
Adenoids Enlarged Tonsils & Adenoids			54 .	140		
Defective Speech	. 5	• • • •	3.	—		

### TABLE II.--(Continued).

and the second se	Code	Groups		Spe	ecials	
Defect or Disease	Number referred for Treatment	Number requirin to be key under observation but not referred for Treatmen	g pt on,	Number referred for Treatment	red to u obse b re	Number quiring be kept inder ervation ut not eferred for eatment
Heart and Circulation-						
Heart Disease :						
Organic		16		. —		
Functional						
Anæmia		3				
Lungs-						
Pulmonary Tuberculosis:						
Definite				. 10		
Suspected						
Bronchitis Other Disease		8	•••			
Other Disease	-	I	•••			
Nervous System—						
Epilepsy						
Chorea						
Other Disease		12				
Non-Pulmonary Tuberculosis:						
Glands	. 8 .	129		0		
Bones and Joints Other Forms		—	••			
o dier i oring minimum		—		. 6		
Rickets		22				
Deformities		24				
Other D.C. I. Di						
Other Defects or Diseases		69				

### TABLE III.

### NUMERICAL RETURN OF ALL EXCEPTIONAL CHILDREN IN THE AREA IN 1918.

	Boys	Girls.	 Total.
Blind (including partially Blind)			
Attending Public Elementary Schools		 2	 2*
Attending Certified Schools for the Blind			 
Not at School		 	 
Deaf and Dumb (including partially Deaf)-			
Attending Public Elementary Schools	I	 I	 2*
Attending Certified Schools for the Deaf		 3	 3
Not at School		 2	 2
Mentally Deficient-			
Feeble Minded			
Attending Public Elementary Schools	6	 I	 7*
Attending Certified Schools for Mentally			
Defective Children		 	 
Notified to the Local (Control) Authority			
during the year		 	 
Not at School		 	 I
Imbeciles-			
At School		 2	 2 *
Not at School		 	 
Idiots		 	 
Epileptics-			
Attending Public Elementary School	Ι.	 I	 2*
Attending Certified School for Epileptics			 I
Not at School			 
Physically Defective—			
Pulmonary Tuberculosis-			
Attending Public Elementary Schools	8	 11	 19
Attending Certified Schools for Physically			
Defective Children			 
Not at School	2	 I	 3
Other Forms of Tuberculosis-			
Attending Public Elementary Schools	37	 34	 71
Attending Certified Schools for Physically			
Defective Children		 	 
Not at School		 I	 I
Cripples other than I ubercular—			
Attending Public Elementary Schools	5	 3	 8*
Attending Certified Schools for Physically			
Defective Children		 	 10213
Not at School		 	 
Dull or Backward†—			
Retarded 2 years	102	 95	 197
Retarded 3 years	19	 1	81

† Judged according to age and standard.
\*These figures will give a very approximate count of the numbers of children concerned.

FOLLOWING-UP RETURN.

# TABLE IV. Treatment of Defects of Children during 1918.

	4 8 8 8	Defects fo           nent was content was content was content was content was content with the second secon		2 (a) 2 (a) 1 (b) 1 (c)	hich lered lered al lered lered al lered lered al lered a		No. of befects for which no report is L available S 33 33 33 171 11 11 11 11 11 11 11 11 11 11 11 11	Scholl 8 2		No. of No. of Defects 1 Treated 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Resul Reme- Reme- 1 163 57 33 33 33 57 164 163 94 94 94 19 19 19 10 11 10 10 10 10 10 10 10 10 10 10 10		Results of Treatment         Reme-       Im-       Un $1$ $1$ $1$ $1$ $1$ $1$ $2$ $1$ $1$ $1$ $2$ $1$ $1$ $2$ $1$ $1$ $163$ $10$ $6$ $10$ $33$ $10$ $6$ $10$ $2$ $11$ $2$ $11$ $214$ $11$ $10$ $11$ $11$ $32$ $11$ $11$ $214$ $11$ $11$ $11$ $11$ $32$ $11$ $11$ $214$ $11$ $11$ $11$ $11$ $32$ $11$ $11$ $11$ $32$ $11$ <	atme	Un- Changed Ch		No. of Defects not treated 11 258 67 67 67 67 67 67 67 67 67 67 67 67 67		$ \begin{array}{c c} \  \  \  \  \  \  \  \  \  \  \  \  \ $	ge of treate 1917 1917 1917 81. 881. 881. 98. 98. 98. 93. 100. 100. 100. 100. 100. 100. 100. 10	eated reated 81.0 98.7 98.7 98.7 98.7 98.7 98.7 98.7 100.0 99.4 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
Speech	199 . 85 .	in n	372 318	11 571 403		75 75 74	+ 10 +	16 32 2	:::	1 327 222	i i i	1 c)318 219	:::	0.00	:::	111	: : :	137 91	9.1 57.3 55.1	- 8 -	2189 8	22.2 60.6 69.9
1-1 mt - 1 - 1 - 1 - 1 - 1 - 1 - 1	996	2097	10	3063		400		199		1883		1738		115		30		581	61	10	67	67.2

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

(b) Extractions and conservative treatment.

(c) Proper spectacles supplied, or certified by the Ophthalmic Surgeon to be able to manage without them. \* Cases found by School Dentist not included.

4 All known cases of school age.

### TABLE V.

### INSPECTION, TREATMENT, &c., OF CHILDREN DURING 1918.

The total number of Children medically inspected (whether Code Group, special or ailing child)	3655
The number of Children in (1) suffering from defects (other than uncleanliness or defective clothing or footgear) who require to be kept under observation (but not referred for treatment)	330
The number of Children in (1) who were referred for treatment (excluding uncleanliness, defective clothing, etc.)	1990
The number of Children in (2) who received treatment for one or more defects (excluding uncleanliness, defective clothing, etc.)	1704
	<ul> <li>Code Group, special or ailing child)</li> <li>The number of Children in (1) suffering from defects (other than uncleanliness or defective clothing or footgear) who require to be kept under observation (but not referred for treatment)</li> <li>The number of Children in (1) who were referred for treatment (excluding uncleanliness, defective clothing, etc.)</li> <li>The number of Children in (3) who received treatment for one or</li> </ul>