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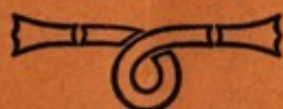
COUNTY BOROUGH OF STOKE-ON-TRENT.

ANNUAL REPORT

OF THE

School Medical Officer

For the Year 1915.



MARGARET MASON,

M.B., Glasgow,

SCHOOL MEDICAL OFFICER.



Stoke-on-Trent :

HILL & AINSWORTH, LTD., STOKE-UPON-TRENT & HANLEY.





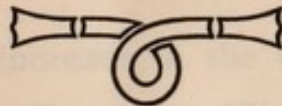
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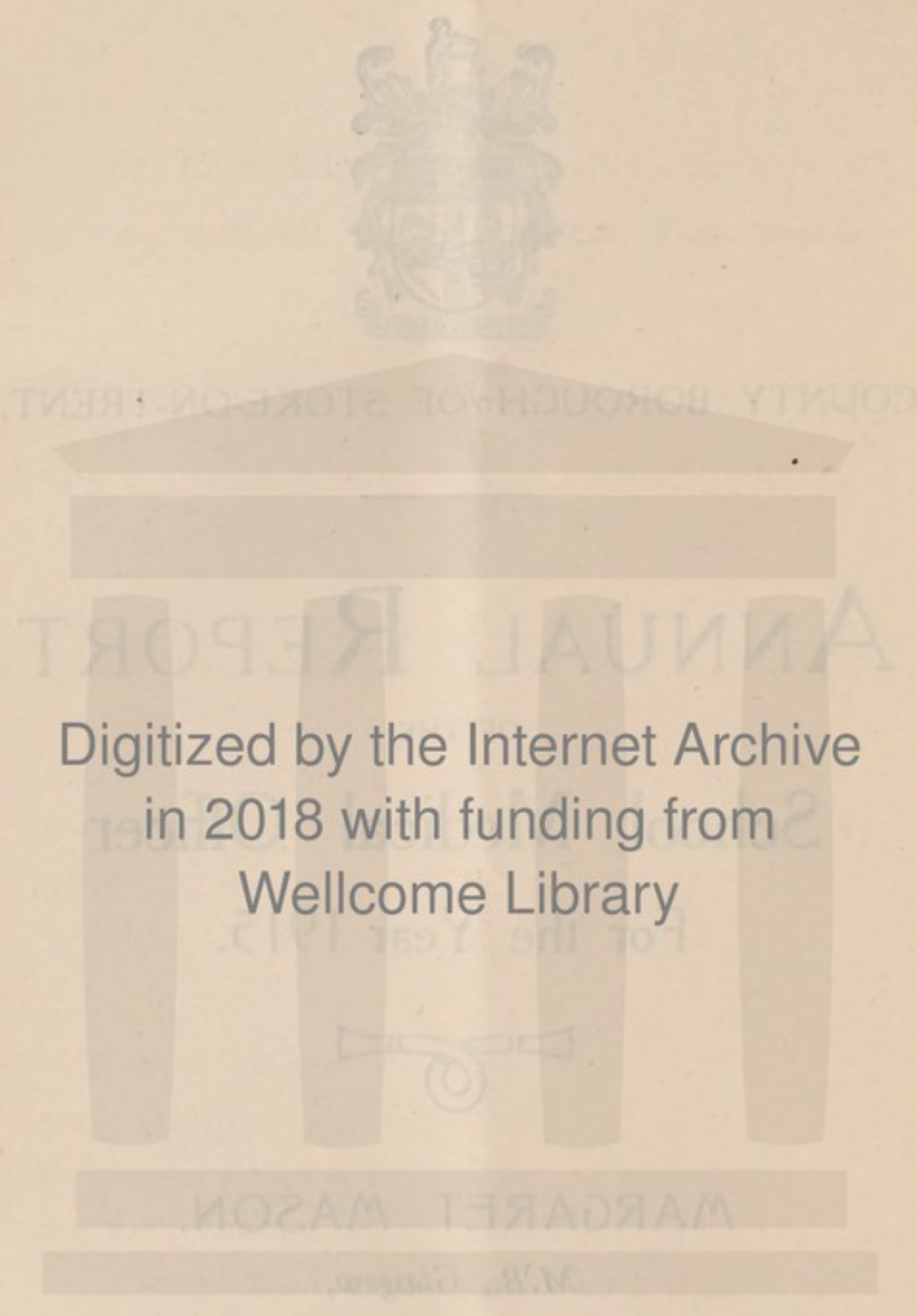
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To the Chairman and Members of the Stoke-on-Trent Education Committee.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I beg to submit to your notice the Fifth annual Report of the work carried out by the School Medical Staff.

The work of the Treatment Clinic shows an increase during the year, many children attend daily for the treatment of minor ailments, and an ever increasing number of parents take advantage of the weekly consultant clinics held at Fenton, Burslem, and Hanley respectively, bringing their school children for advice as to health and fitness generally.

So great is the increase in the number of children who attend daily at the Treatment Clinic for the treatment of minor ailments (see table) that two nurses are now in constant attendance, and the services of one clerk are required to register the attendances of the children.

The County Borough was visited in November last by Dr. Langdon, Medical Officer to the Board of Education; he expressed himself much gratified by the work done at the Treatment Clinic; he also suggested a modified scheme of Medical Inspection, which is now being carried out and details of which are given later on.

Owing to the continuance of war and the consequent dearth of Medical Inspectors, no new developments have taken place, but the object of keeping the work up to the standard to which it was raised by Dr. Hughes has been the aim of the Staff during the year.

I have the honour to remain,

Your obedient servant,

MARGARET MASON,

School Medical Officer.

Town Hall,

Hanley,

March, 1916.

MEMORANDA.

Area of Borough	...	...	...	11,142 acres
Population (Census 1911)	...	...	...	234,553
Estimated mid-year population, 1915 (Civil population only)	...	...	...	225,405
Rateable value...	...	...	...	£856,296
Total rates	{ Hanley (highest)	...	...	11/1
	{ Fenton (lowest)	...	...	8/10½
Elementary Education rate (assuming a flat rate—1915-1916)	...	...	...	1/11
A penny rate produces	...	...	...	£3,240
Number of public elementary schools	...	...	...	72
Accommodation	...	...	...	48,165
Average number on rolls...	...	...	...	45,991
Average attendance	...	...	...	41,801
Number of secondary schools	...	...	...	3
Number on rolls	...	...	...	981
Number of special schools	...	...	...	1
Number of Stoke children resident	...	...	...	53
Number of "half-timers"	...	...	...	None
Number of children employed out of school hours	...	...	...	1,695

Staff.

School Medical Officers.

Margaret Mason, M.B. (Glasgow).

Robert Hughes, M. B. (London).

Edwin A. C. Swainson, M.A., M.B., &c. (Cambridge). } On active service.

School Nurses.

Harriett Pitt.

Ethel Jones.

Florence Tait.

Clerks.

Hilda Simpson.

Lucy Kilgour.

Wm. G. Cumberlidge

Wilfred Rowlands

} On active service.

All of these are full time officials.

Dr. Mason was appointed on 15th September, 1915, and succeeded Dr. Ella Shearer who left at that time, having carried on the work of this department since the departure of Drs. Hughes and Swainson on active service in April.

Miss H. Simpson and Miss L. Kilgour were appointed in November last to fill the vacancies in the clerical staff owing to the former male clerks having joined the colours.

As will be seen from the above the work of the department has been considerably impeded during the year by various causes which may be attributed either directly or indirectly to the continuance of war.

The work has suffered in the following particulars:—

- (1) Routine inspection of age groups *i.e.*, entrants and leavers. The number examined during the year falls over 1,500 short of the number due to be examined in the groups.

- (2) Special research work in Psychiatry and Ophthalmic work carried out by Drs. Hughes and Swainson, has had to be discontinued, owing to a complete lack of time to spend on such work at the Hanley Clinic by the one School Medical Officer.

Medical Inspection of the Child.

Children medically examined during the year may be classified primarily into two groups, routines and specials, the former consisting of entrants or children newly admitted into school, and leavers or children about to leave school, or of twelve years of age and upwards; and the latter of the following classes of children:—

- (1) Children who are thought to be in need of medical attention, presented for medical inspection by Head Teachers and School Nurses.
- (2) Children presented by the Attendance Officers with regard to their fitness to attend school
- (3) Children thought to be suffering from infectious diseases.
- (4) Exceptionally dirty, neglected or verminous children.
- (5) Mentally retarded and epileptic children.
- (6) Children with defective eyesight.
- (7) Children who are deaf.
- (8) Children of a phthisical tendency, and all those suffering from the various forms of tubercular disease.
- (9) Exhibitioners and Bursars.

The number of routines examined was 4,860, and the number of specials 6,283, making a total of 11,143.

In addition to these the School Nurses have been authorised, under Section 122 of the Children's Act, to examine the person and clothing of school children, and have visited schools in the Borough for that purpose.

The Nurses work in rotation, each nurse visits schools in her own district—the schools in the Borough being divided into three districts—during one week, and the following two weeks are spent in attendance at the Treatment Clinic.

The number of children examined by them was 18,012.

Cleanliness.

The number of children found to have either pediculi or nits in the hair continues to be very large. Of the children examined by the School Nurses, independent of those examined by the School Medical Officer, 9,502 out of a total number of 18,012 or 52.1 per cent. were found to be in this condition.

With a view to remedying this state of affairs, a printed sheet on "How to get rid of nits in the hair," has been sent to the mother of every child found to be in this condition; in addition to this the School Nurses visit the homes and interview the parents, and the children are frequently re-examined to stimulate efforts towards improvement and combat the spirit of indifference with which this defect is regarded by the majority of mothers of children suffering from it.

When the skin of the body is found to be unclean, and the clothing in disrepair, a note is sent to the mother advising her of the fact, and the child is frequently re-

examined usually at intervals of a fortnight; in most of these cases some improvement is seen.

Year	No. of Children Inspected	No. whose hair contained either pediculi or nits	Percentage
1915 ...	18012	9502	52.1
1914 ...	15759	7116	45.3
1913 ...	19376	6069	31.3
1912 ...	1909	940	49.2

During 1915 there has been a considerable increase in the number of cases of scabies among school children.

The greater number of these cases have a history of infection from soldiers having this disease when home on leave from the camps. All cases respond readily to treatment, two or at the most three weeks effect a cure when instructions from the clinic are carried out. No cases receive treatment at the clinic, the disease being of such a highly contagious character.

The following tables are model tables issued by the Board of Education in 1913.

Table 1 refers to the number of children inspected.

Table 2 shows the physical condition of children inspected.

The next table showing heights and weight does not form part of the model series.

TABLE I.—Table showing the number of Children inspected
1st January to 29th November, 1915.

A.—“Code Group.

ENTRANTS.						
Age		4	5	6	Other Ages	Total
Boys	... ..	290	564	162	16	1032
Girls	... ..	380	773	179	24	1356
Totals	...	670	1337	341	40	2388

LEAVERS.								
Age			12	13	Other Ages	Total	Grand Total	
Boys	...	...	989	101	41	1131	2163
Girls	...	...	1214	76	51	1341	2697
Totals			...	2203	177	92	2472	4860

HEIGHT.						
BOYS.				GIRLS.		
Age last Birth-day	No. Examined during 1915	Average height in inches	English Standard *	No. Examined during 1915	Average height in inches	English Standard *
4	290	38·3	38·7	380	38·5	38·6
5	564	37·5	40·6	773	41·1	40·4
6	162	41·8	42·5	179	41·9	42·4
12	989	56·8	55·0	1214	54·3	54·6
13	101	54·9	56·1	76	55·5	56·9

*Taken from Table 4, Appendix 2, of the Annual Report of the Chief Medical Officer to the Board of Education, for the year 1912.

WEIGHT.

BOYS.				GIRLS.		
Age last Birth-day	No. Examined during 1915	Average weight in lbs.	English Standard *	No. Examined during 1915	Average weight in lbs.	English Standard *
4	290	36·8	35·9	380	39·0	34·8
5	564	39·8	38·6	773	39·4	37·6
6	162	41·0	42·6	179	42·1	40·9
12	989	70·8	72·8	1214	67·3	73·8
13	101	75·8	77·4	76	75·3	80·0

*Taken from Table 4, Appendix 2, of the Annual Report of the Chief Medical Officer of the Board of Education, for the year 1912.

Footgear.

As will be seen from the appended table the percentage of children medically examined and found to have faulty footgear shows a further increase during the year and this is no doubt due to the effects one way or another of the war.

In the Stoke, Hanley, and Burslem districts, there are voluntary funds for the provision of boots to necessitous children.

The number of pairs supplied during the year was:—

Stoke 45 pairs.

Hanley 219 pairs.

Burslem 183 pairs,

This is a great boon to poor children and also a preventative of illness—as frequently sitting in school with wet feet—the result of bad footgear) is in many instances the cause of rheumatism, heart troubles, chorea and common colds, the latter leading to bronchitis and lung affections in neglected and badly nourished children.

In a number of our infant departments a supply of felt slippers is kept and these are lent to children with faulty footgear to wear in school in severe weather.

In view of the importance to health of dry boots and clothing, more adequate drying facilities is a matter for consideration throughout all schools.

Table indicating increased number of children with faulty footgear as compared with last year.

Year	ENTRANTS				LEAVERS				TOTAL			
	B.	G.	T.	Per cent	B.	G.	T.	Per cent.	B.	G.	T.	Per cent.
1915	53	97	150	6.2	169	155	324	13.1	222	252	474	9.7
1914	161	161	522	7.4	246	179	425	9.6	407	340	747	8.5
1913	152	127	279	4.7	193	203	396	8.3	345	330	675	6.3

Defective Hearing.

The results obtained by the employment of the forced whisper test are entered on the scholars' record cards. In cases where deafness is slight and transient owing to wax in the ears, or otorrhoea, the children attend the clinic daily for treatment where the ears are carefully attended to and cleansed by syringing if necessary, and almost invariably these cases are remedied in one or two weeks.

Blind and deaf children are sent to the Blind and Deaf School, situated at the Mount, Stoke-on-Trent. This special school is under the control of a Joint Authority and has its own Medical Officer. The number of children admitted from the County Borough during the year was 7.

Catholic Deaf children are sent to the Deaf School, Boston Spa, Yorks.

Defective Vision.

Head Teachers in the majority of schools make arrangements with their Staff for testing the eyesight of every child of seven years of age and upwards, by means of "Snellens Test Type for Distant Vision," once every year.

Scheme to ensure the treatment of cases of Defective Vision:—

All children exhibiting a visual defect of 6/18 or worse when first examined are to be reported to the School Medical Officer, the names and defects of these children when examined by the School Medical Officer are entered on a Form "C" Card, which card is retained by the teacher. A notice is sent from the office to the parents pointing out the defect and urging them to consult an Ophthalmic Surgeon. After a reasonable period the child is again seen by the School Medical Officer and the result of the former examination is entered on the Form "C" Card, *i.e.*, whether the defect has been remedied or if no effort has been made to improve the defect.

Those children who have not received treatment are requested to attend at the Hanley Clinic accompanied by a parent or guardian, when the necessity for treatment is explained impressively, and attendance at the Out-Patients Department of the North Stafford Infirmary is advised in cases where an eye-specialist's fee cannot be afforded.

This scheme works fairly successfully.

The sanction of the Board of Education to the provision of spectacles in necessitous cases out of public funds was received in January, 1914.

There are voluntary spectacle funds in the districts of Hanley and Burslem.

The number of pairs given to school children during the year was:—

Burslem Fund	...	...	22 pairs.
Hanley Fund	...	...	5 pairs.
Education Committee	...	...	13 pairs.

Nose and Throat.

Enlarged tonsils and adenoids are only adequately treated by surgical removal; this course is advised whenever this condition is found. The importance of breathing through the nostrils, and of checking the mouth breathing habit in infants—whenever it is contracted—is very great as a preventative of these enlargements.

Heart and Circulation.

The commonest cause of heart trouble in school children is undoubtedly of rheumatic origin, vague "growing pains" or even a slight tonsillitis may be the only indication of onset. Preventative treatment can be carried out by providing adequate means of drying wet clothes and boots so that the risk of sitting in school with damp clothes and wet feet is avoided.

Parents are advised with regard to the treatment, gargling, etc., of all cases of septic throats and acute tonsillitis seen in school children.

Nervous System and Mental Defectives.

A special report on the Psychiatric abnormalities among the children in the schools in the Borough was compiled and included in the Annual Report for 1914 by Dr. Hughes. Since September the School Medical Officer has re-examined several of these cases and examined a few new ones that have occurred.

Tuberculosis.

The measures taken for the prevention of Tuberculosis are as follows:—Examination and medical supervision of all suspected cases by the School Medical Officer. Teachers, too, do much early preventative work by referring school children apparently suffering from mal-nutrition to the School Medical Officer for examination. When a suspected case shows definite symptoms of disease, it is referred to the Tuberculosis Officer for treatment, and excluded from school if infectious to any degree.

Much valuable assistance has been given by the Tuberculosis Officer, Dr. Magill, in the diagnosis of doubtful cases among school children and in advising as to the fitness of individual children to attend school.

In cases of mal-nutrition the parent or guardian is advised with regard to the causes of the condition, the most frequent being unsuitable food, lack of fresh air in the home, particularly during the hours of sleep, want of ventilation generally and insufficient sleep.

The Open-air classrooms and the holding of classes in the open air are suitable for minor degrees of tubercular conditions and are particularly valuable from the point of view of prevention.

Playground classes were held oftener during the year than formerly, but there is still room for improvement in this respect; the beneficial results to the health of children are very great.

Gardening classes have been established at Boothern in connection with the Cross Street Council and Stoke Central Schools; at Stoke for the Penkhull School, at Normacot in connection with the Normacot C. E. School, and at Meir in connection with the Uttoxeter Road School.

Certain children in need of open air life are provided for temporarily at the Hanchurch Convalescent Home, which Home is supported entirely from voluntary sources and affords accommodation for 16 children in the convalescent wing, and an additional 16 in the cripples' wing.

Each child, with the exception of those admitted to the cripples' wing in which the length of stay is indefinite, is admitted for a period of three weeks. This period can, however, be extended by the House Committee in exceptional cases. The Home is open throughout the year, and the ages of children are from 4 to 14 years. On their return from a holiday in the Home, anæmic and debilitated children show great improvement, due in greater part, doubtless to the continual breathing of atmospheric air (open air by day and night) as well as the practice of definite rules of hygiene, including suitable and regular meals and hours of rest.

The "North Staffordshire Cripples Aid Society" look after cripple children in the Borough and send them to the cripples' wing of the Hanchurch Home in certain instances.

School Clinics.

There are now three school clinics in the Borough, situated at Hanley, Burslem, and Fenton; the Burslem and Fenton Clinics are used for inspection purposes only and the Hanley Clinic for inspection and Treatment. The following are treated by the School Nurses under the direction of the School Medical Officer:—dirty and verminous conditions, ringworm, scabies and other minor skin diseases; obstructed and discharging ears. Minor eye affections:—blepharitis, conjunctivitis and ophthalmia.

Table 4 shows the treatment and result of those children who attended the Hanley Clinic for treatment during 1915.

Modified Scheme of the School Medical Department.

Since the 29th November the routine examination of school children has been abandoned, and the School Medical Officer has been engaged in the inspection of those children thought to be in need of medical examination selected by the Head Teachers and School Nurses. By this means it is intended that all exceptional children in school will be brought to the notice of the School Medical Inspector; and it is proposed that each school in the Borough will receive 2 visits in the course of a year.

This is the scheme proposed by the Board of Education and which we have adopted, as it would be impossible—owing to the shortage of Medical Staff, to adequately examine all routine groups in the schools in the Borough in the course of the year.

The table given shows the defects found in those children examined under this system from 29th November to 31st December, 1915.

Feeding of Necessitous Children.

During the year 8 feeding centres have been utilised for the feeding of those school children who are thought to require more nourishment than they are receiving, and also those whose parents have not the means of providing suitable food for them.

Arrangements are such that a much larger number of children could be fed were they found to be necessitous, but such has not been the case during the latter part of the year.

A visit of inspection was paid to these centres by Dr. Langdon, of the Board of Education, on 4th November, 1915.

In consequence of the shortage of Medical Staff, Mr. Williamson of the Education Office has regularly visited and inspected these centres for the School Medical Officer during the winter.

The dietary maintains a good standard, and from each school one of the staff is in attendance with the children and sees to the behaviour and discipline of the children in her charge.

The following table indicates the number of children fed:—

Month	Year 1915	Year 1914
January	3043	879
February	3099	745
March	2883	685
April	2507	627
May	1525	660
June	1286	598
July	759	660
*August and September ...	386	3057
October	293	3057
November	285	2370
December	289	2420

* School Summer Holidays, July 23rd to August 23rd.

Juvenile Employment.

It has been impossible owing to shortage of medical staff, to proceed as was intended, with the medical inspection of those children employed for wages out of school hours. The number so employed throughout the Schools in the Borough is 1,695. Of these the following statement shows the number engaged in the various occupations.

Various errands (boys and girls)	...	...	965
Butchers' errand boys	...	...	32
Grocers' errand boys	...	...	42
Paper selling (boys and girls)	...	...	241
Delivering milk (boys and girls)	...	...	31
Delivering bread (boys and girls)	...	...	10
Painter's assistant (boy)	...	...	1
Printer's assistant (boy)	...	...	1
Shop assistants (boys and girls)	...	...	26
Cinemas and theatres (boys and girls)			
(programme selling)	...	...	16
Hand bill delivery (boy)	...	...	1
Barbers' boys	...	...	62
Nurse Girls	...	...	76
Cleaning (girls)	...	...	104
Cleaning (boys assisting caretakers)	...	...	6
Delivering goods (girls)	...	...	3
Farm and stable boys	...	...	11
Carting (boy)	...	...	1
Hawking (boys)	...	...	5
Stand in Market (boys and girls)	...	...	15
Assist parents on factory (boys)	...	...	2
In coal yard and delivering coal (boys and girls)			29
Assisting in public house (boy)	...	...	1
Boots (boys)	...	...	2
Office boy	...	...	1
Cobbler (boy)	...	...	1
General labourers (boys)	...	...	7
Assist in bake house (boys)	...	...	3

Table IV.—Showing conditions treated at the Treatment Clinic and the result of such treatment.

Condition treated	No. treated	Remedied	Improved	Unchanged
Ringworm-Scalp ...	141	129	12	—
Ringworm-Body ...	58	50	8	—
Blepharitis ...	73	67	6	—
Conjunctivitis ...	1443	1323	120	—
Corneal Opacities ...	95	69	20	6
Eczema ...	89	54	28	7
Impetigo ...	264	250	14	—
Uncleanliness ...	282	248	34	—
Obstruction Ear ...	86	86	—	—
Otorrhœa ...	198	44	134	20
Nose and Throat ...	20	16	4	—
Septic Sores ...	68	66	2	—
Other Skin Diseases and Defects ...	58	50	8	—
Total ...	2875	2452	390	33

No. of Attendances at Treatment Clinic, 25,354.

Children Medically examined by the School Nurses.

Year	No. Inspected	No. with Nits or Pediculi	No. Clean	Percentage Nits and Pediculi
1915	18012	9522	8490	52·1
1914	15759	7116	8643	45·1

Table V.—Treatment of defects of Children during 1915.

Condition.	No. of defects found for which treatment was considered necessary.			No. of defects for which no report is available.	No. of defects treated.	Results of Treatment.			No. of defects not treated.	Percentages of defects treated.
	From previous year	New.	Total.			Remedied.	Improved.	Unchanged.		
Clothing ...	7	86	93	—	56	11	25	20	37	60.2
Footgear ...	—	12	12	—	9	3	2	4	3	75.0
Cleanliness of Head ...	212	7493	7705	—	6993	3741	2962	290	712	90.7
Cleanliness of Body ...	174	88	262	—	189	39	134	16	73	72.1
Nutrition ...	10	140	150	—	130	28	92	10	20	86.6
Nose and Throat ...	32	444	476	—	290	90	163	37	186	60.9
External Eye Disease ...	98	175	273	—	254	219	31	4	19	93.04
Ear Disease ...	26	186	212	—	199	39	133	27	13	93.8
Teeth ...	—	240	240	—	69	54	15	—	171	28.7
Heart and Circulation ...	104	172	276	—	270	10	104	156	6	97.8
Lungs ...	44	174	218	—	209	24	136	49	9	85.8
Nervous System ...	15	77	92	—	90	7	64	19	2	97.8
Skin ...	29	568	597	—	591	490	68	33	6	98.9
Rickets ...	5	6	11	—	11	5	—	6	—	—
Deformities ...	7	28	35	—	19	9	4	6	16	54.4
Tuberculosis non-pulmonary ...	4	41	45	—	45	9	24	12	—	—
Speech ...	7	17	24	—	13	3	2	8	11	54.1
Mental Condition ...	—	52	52	—	—	—	—	—	52	—
Vision and Squint ...	7	622	629	—	116	110	6	—	513	18.4
Hearing ...	13	52	65	—	32	13	2	17	33	49.1
Miscellaneous ...	11	251	262	—	215	137	63	15	47	81.3
TOTAL ...	805	10924	11729	—	9800	5041	4030	729	1929	83.5

Table showing Physical Condition of 103 Exhibitioners
and Bursars inspected.

Number Examined	Boys 23	Girls 80	Total 103	Per cent.
Cleanliness of Head—				
Clean	23	76	99	96.1
Nits	—	4	4	3.8
Pediculi	—	—	—	—
Nutrition—				
Excellent	8	16	24	23.3
Normal	10	45	55	53.3
Below Normal	5	13	18	17.4
Bad	—	6	6	5.8
Nose and Throat—				
No defects	19	73	92	89.3
Mouth breathing	—	—	—	—
Tonsils (slight) enlarged	1	4	5	4.8
" (much) "	1	1	2	1.9
Adenoids slight	2	2	4	3.8
External Eye Disease—				
No disease	23	80	103	
Blepharitis	—	—	—	
Corneal opacities	—	—	—	
Ear Disease—				
No disease	23	80	103	
Rt. Otorrhoea	—	—	—	
Lt. "	—	—	—	
Teeth—				
Sound	8	28	36	34.9
Less than four decayed	13	45	58	56.3
Four or more decayed	2	7	9	8.7
Sepsis	—	—	—	—
Heart and Circulation—				
No disease	23	78	101	98.05
Functional	—	2	2	1.9
Skin—				
No disease	23	89	103	
Eczema	—	—	—	

Table showing Physical Condition of 103 Exhibitioners and
Bursers inspected.—Continued.

Number Examined	Boys 23	Girls 80	Total 103	Per cent.
Squint—				
No Squint	22	79	101	98·05
Squint	1	1	2	1·9
Hearing—				
Normal hearing, whisper 20 feet each ear	23	80	103	
Vision—				
6/6 each eye (normal) ...	13	39	52	50·4
6/6 R.	6	15	21	20·3
L.	2	15	17	16·5
6/9 R.	18	1	19	18·4
L.	13	2	15	14·5
6/12 R.	—	12	12	11·6
L.	—	4	4	3·8
6/18 R.	1	7	8	7·7
L.	1	7	8	7·7
6/24 R.	3	2	5	4·8
L.	—	3	3	2·9
6/36 R.	1	1	2	1·9
L.	—	—	—	—
6/60 R.	—	—	—	—
L.	1	—	1	·97
6/0 R.	—	—	—	—
L.	—	—	—	—

Closure of Schools to prevent the spread of Infectious Diseases.

SHORT EARLY CLOSURE.

Disease	School or Department Closed	Period of Closure
Measles	... Harpfield Infants, Stoke ...	29th April—6th May
"	... Fenton C.E. Infants (Classroom)	13th Feb.—17th Feb.
"	... Normacot C. E. Infants, Longton	28th April—3rd May
"	... High Street Infants, Longton...	30th April—5th May

LONG CLOSURE.

Disease	School or Department Closed.	Period of Closure
Measles	... Jackfield Infants School, Burslem	24th Mar—20th April
"	... Central Infants School, Tunstall	19th April—17th May
"	... R.C. Infants School. Tunstall...	" "
"	... Queensberry Road Infants, Longton	" "
"	... Middleport Infants, Burslem ...	" "
"	... High Street Infants, Burslem...	" "
Diphtheria	... Market Street Schools, Fenton	30th April—1st May
Measles	... Summerbank Infants, Tunstall	17th May—14th June
"	... St. John's Infants, Burslem ...	" "
"	... Chell Infants, Tunstall ...	" "
"	... St Joseph's Infants, Burslem ..	" "
"	... Hill Top Infants, Burslem ...	" "
Catarrhal Ophthalmia...	York Street Girls, Hanley ...	7th June—28th June
Measles	... York Street Infants, Hanley ...	17th June—15th July
"	... Boothen C.E. Infants, Stoke ...	28th June—23rd Aug.
"	... Sneyd Green Infants, Burslem	30th June—23rd Aug.

Closure of Schools to prevent the spread of Infectious Diseases.—Continued.

LONG CLOSURE—Continued.

Disease	School or Department Closed	Period of Closure
Measles ...	Central Infants, Burslem ...	3rd June—1st July
Diphtheria ...	Market St. (Std. I. Classroom) Fenton	6th July—23rd Aug.
" ..	Queen Street Schools, Fenton	12th July—23rd Aug.
" ...	Market Street Schools, Fenton	14th July—23rd Aug.
" ...	Turner Memorial Schools, Fenton	" "
Measles ...	Cobridge C.E. Infants, Burslem	" "
Diphtheria } Scarlet Fever } Mumps }	Manor Street Infants, Fenton..	13th Oct.—11th Nov.
Diphtheria } Scarlet Fever } Mumps }	Manor Street Infants, Fenton...	19th Nov.—11th Jan. 1916
Scarlet Fever } Measles } Diphtheria }	C.E. Infants, Fenton ...	22nd Nov.—11th Jan. 1916
Scarlet Fever } Measles }	R.C. Infants, Fenton ..	29th Nov.—11th Jan. 1916
Measles ...	Penkhull Infants, Stoke ...	10th Dec.—11th Jan. 1916
" ...	Céntral Infants, Stoke ...	" "
Scarlet Fever } Measles } Diphtheria }	Heron Cross Infants, Fenton ...	16th Dec.—11th Jan. 1916
Measles } Scarlet Fever }	Market Street Infants, Fenton	" "

Orders of Schools to prevent the spread of infectious
Diseases.—Continued.

LONG CLOSURE—Continued.

School Name	Address	Date
St. John's School	Central Island, Boston	1st Jan—1st Feb
St. John's School	Market St. (18th St. Crossing), Boston	1st Jan—1st Feb
St. John's School	Green Street, Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb
St. John's School	Trenton, N. J.	1st Jan—1st Feb
St. John's School	Cobden St. (18th St. Crossing), Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb
St. John's School	Market Street, Boston	1st Jan—1st Feb

Table II.—RETURN SHOWING THE PHYSICAL CONDITION OF CHILDREN INSPECTED.

CONDITION	ENTRANTS				LEAVERS				TOTAL			
	Boys	Girls	Total	Per cent	Boys	Girls	Total	Per cent	Boys	Girls	Total	Per cent
TOTAL INSPECTED	8818	8335	17153	—	1331	1341	2672	—	2252	2607	4859	—
CLOTHING—												
Satisfactory	985	1280	2265	94.3	973	1195	2168	87.5	1958	2475	4433	91.8
Unsatisfactory	45	75	120	5.7	158	146	304	12.5	203	232	435	8.2
FOOTWEAR—												
Satisfactory	979	1235	2214	93.7	951	1155	2106	86.8	1901	2390	4291	90.5
Unsatisfactory	51	97	148	6.3	180	186	366	13.2	231	243	474	9.5
CLEANLINESS OF HEAD—												
Clean (i.e., no dirt or pedicul)	993	1172	2165	96.6	1011	1121	2132	87.3	2005	2343	4348	90.8
Not only	16	179	195	9.0	94	145	239	11.5	110	224	334	6.3
Pedicul	3	8	11	.5	26	24	50	2.2	27	29	56	1.1
CLEANLINESS OF BODY—												
Clean	1004	1301	2305	95.3	1005	1219	2224	90.8	2010	2520	4530	93.8
Dirty	51	90	141	6.8	88	108	196	7.8	139	128	267	5.1
Pedicul	3	4	7	.3	17	14	31	1.2	20	19	39	.8
NUTRITION—												
Excellent	191	309	500	30.9	183	172	355	14.4	375	481	856	17.3
Normal	684	813	1497	61.3	739	883	1622	65.7	1423	1744	3167	64.3
Below Normal	113	205	318	14.9	108	207	315	15.0	216	412	628	15.7
Bad	5	10	15	.8	38	30	68	3.0	77	39	116	2.4
NOSE AND THROAT—												
No defect	917	1114	2031	96.9	909	1093	2002	86.9	1806	2207	4013	83.8
Mouth breathers	18	49	67	3.2	57	10	67	3.0	67	107	174	3.8
Tonsils slightly enlarged	18	66	84	3.9	107	123	230	9.3	125	189	314	6.1
Tonsils much enlarged	11	11	22	1.0	27	30	57	2.5	54	41	95	1.9
Adenoids slight	11	27	38	1.7	31	17	48	2.0	48	14	62	1.2
Adenoids marked	7	1	8	.4	—	—	—	—	7	1	8	.1
EXTERNAL EYE DISEASE—												
No disease	993	1309	2302	95.9	1002	1184	2186	95.1	2005	2501	4506	94.0
Conjunctivitis	17	31	48	2.0	18	18	36	1.8	35	39	74	1.5
Corneal opacities	11	9	20	.9	30	13	43	1.7	43	32	75	1.5
Other diseases	3	3	6	.3	8	2	10	.4	11	4	15	.3
EAR DISEASE—												
No disease	1013	1348	2361	98.4	1009	1295	2304	98.7	2012	2643	4655	98.0
Otitis media (one)	4	5	9	.4	3	11	14	.6	7	16	23	.4
Otitis media (both)	2	—	2	.1	6	10	16	.7	8	10	18	.3
Otitis externa (one)	3	2	5	.2	4	7	11	.5	9	9	18	.3
Otitis externa (both)	5	3	8	.4	7	7	14	.6	14	10	24	.4
Other diseases	2	1	3	.1	11	12	23	.9	13	14	27	.5
TEETH—												
Less than four decayed	739	957	1696	71.9	918	1114	2032	84.1	1657	2071	3728	78.0
More than four decayed	270	397	667	27.9	148	200	348	14.8	418	597	1015	20.3
Septic	3	2	5	.2	3	10	13	.6	6	12	18	.3
HEART AND CIRCULATION—												
No disease	994	1352	2346	94.4	1017	1185	2202	90.1	2011	2537	4548	90.4
Organic diseases	6	24	30	1.3	24	19	43	1.7	48	43	91	1.8
Functional diseases	7	14	21	.9	38	31	69	2.8	76	64	140	2.8
Anemia	26	14	40	1.9	37	86	123	5.0	73	120	193	3.9
Other diseases	3	8	11	.5	15	6	21	.9	21	7	28	.5
LUNGS—												
No disease	983	1276	2259	94.8	1006	1215	2221	91.0	2012	2491	4503	94.7
Chronic bronchitis and bronchial cat.	14	33	47	2.5	27	37	64	2.5	64	70	134	2.8
Tuberculosis	1	1	2	.1	11	9	20	.8	12	18	30	.6
Tuberculosis suspected	3	4	7	.3	1	2	3	.1	3	1	4	.1
Other diseases	7	20	27	1.2	20	18	38	1.5	38	19	57	1.2
NERVOUS SYSTEM—												
Chorea	4	4	8	.3	11	13	24	.9	25	18	43	.8
No disease	1000	1348	2348	98.9	1006	1217	2223	98.9	2012	2566	4578	98.4
Epilepsy	1	1	2	.1	1	—	1	.0	1	1	2	.0
Other diseases	5	9	14	.6	13	11	24	.9	24	20	44	.9
SKIN—												
No disease	1017	1338	2355	98.6	1010	1201	2211	98.1	2011	2539	4550	98.6
Ringworm (body)	—	—	—	—	1	—	1	.0	1	—	1	.0
Ringworm (scalp)	4	2	6	.3	2	—	2	.1	2	—	2	.0
Impetigo	10	5	15	.7	3	3	6	.2	13	8	21	.4
Scabies	1	1	2	.1	2	—	2	.1	2	—	2	.0
Other diseases	3	10	13	.6	13	17	30	1.2	26	27	53	1.1
ROCKETS—												
No disease	1015	1334	2349	98.4	1019	1221	2240	99.1	2038	2555	4593	98.5
Slight	15	22	37	1.7	8	5	13	.6	23	27	50	1.0
Marked	—	—	—	—	4	—	4	.2	4	—	4	.0
DEFORMITIES—												
No deformity	1003	1345	2348	99.3	1015	1234	2249	99.4	2018	2579	4597	99.3
Deformity present	10	11	21	.9	6	7	13	.5	16	18	34	.6
TUBERCULOSIS (NON-PULMONARY)—												
No disease	1003	1347	2350	99.3	1013	1234	2247	99.4	2016	2581	4597	99.4
Glandular	5	6	11	.5	4	5	9	.4	9	11	20	.4
Bones and joints	1	2	3	.1	1	1	2	.1	2	2	4	.0
Other forms	3	1	4	.2	1	1	2	.1	2	1	3	.0
SPEECH—												
No defect	1003	1337	2340	98.7	1015	1230	2245	98.3	2018	2567	4585	98.4
Defective articulation	3	6	9	.4	9	11	20	.8	18	22	40	.8
Stammering	8	13	21	.9	12	12	24	1.0	24	24	48	1.0
MENTAL CONDITION—												
Normal	1003	1335	2338	98.7	1013	1203	2216	96.3	2016	2538	4554	97.6
Defect or backward	8	16	24	1.0	34	43	77	3.0	68	59	127	2.6
Mentally defective	3	4	7	.3	4	6	10	.4	8	10	18	.3
VISION—												
6/6 each eye (normal vision)	—	—	—	—	305	121	426	18.0	—	—	—	—
6/6 R.	—	—	—	—	740	812	1552	64.4	—	—	—	—
6/6 L.	—	—	—	—	730	814	1544	64.8	—	—	—	—
6/6 B.	—	—	—	—	170	168	338	13.6	—	—	—	—
6/6 L.	—	—	—	—	144	161	305	12.1	—	—	—	—
6/12 R.	—	—	—	—	98	179	277	11.0	—	—	—	—
6/12 L.	—	—	—	—	102	182	284	11.3	—	—	—	—
6/18 R.	—	—	—	—	32	101	133	5.3	—	—	—	—
6/18 L.	—	—	—	—	94	91	185	7.4	—	—	—	—
6/24 R.	—	—	—	—	18	15	33	1.3	—	—	—	—
6/24 L.	—	—	—	—	30	17	47	1.9	—	—	—	—
6/36 R.	—	—	—	—	6	11	17	.7	—	—	—	—
6/36 L.	—	—	—	—	8	—	8	.3	—	—	—	—
6/60 R.	—	—	—	—	1	—	1	.0	—	—	—	—
6/60 L.	—	—	—	—	1	2	3	.1	—	—	—	—
6/120 R.	—	—	—	—	2	—	2	.1	—	—	—	—
6/120 L.	—	—	—	—	—	—	—	—	—	—	—	—
Squint	—	—	—	—	1	9	10	.4	—	—	—	—
HEARING (WHISPER)—												
20 feet each ear (normal hearing)	—	—	—	—	985	1213	2198	88.9	—	—	—	—
20 feet R.	—	—	—	—	1010	1218	2228	94.0	—	—	—	—
20 feet L.	—	—	—	—	1000	1203	2203	94.8	—	—	—	—
20 feet B.	—	—	—	—	91	73	164	6.7	—	—	—	—
20 feet L.	—	—	—	—	84	77	161	6.5	—	—	—	—
5 feet R.	—	—	—	—	11	18	29	1.1	—	—	—	—
5 feet L.	—	—	—	—	11	11	22	.9	—	—	—	—

TABLE SHOWING DEFECTS OF 130 SPECIAL CASES EXAMINED 29th NOVEMBER TO 31st DECEMBER, 1915

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	12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