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Borough of Hornsey.

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ANNUAL REPORT  
OF THE  
SCHOOL MEDICAL OFFICER  
ON THE  
MEDICAL INSPECTION OF CHILDREN  
FOR THE YEAR 1919.

"Hornsey Journal" Printing Works, 36, Crouch Hill, N.4.

## BOROUGH OF HORNSEY.

### ANNUAL REPORT OF THE SCHOOL MEDICAL OFFICER FOR THE YEAR, 1919.

The civil population is estimated by the Registrar-General to be 98,283 at the middle of 1919.

The area of the Borough is 2,874 acres.

There are 11 Elementary Schools (7 Provided schools and 4 Non-provided schools), comprising 26 Departments (6 Boys, 6 Girls, 3 Senior Mixed, 4 Junior Mixed, and 7 Infants).

There is accommodation in the Elementary schools for 8,794 children. The number of children on the rolls for the year ended 31st December, 1919, was 8,074, as against 7,898 in 1918, an increase of 176, the average attendance was 7,091, and the percentage of attendance was 87·8. The attendance in 1918 was 84·4 per cent., and in 1917 86·7 per cent. of those on the roll.

The number of children examined at the routine inspection during the year 1919 was 2,930. The number is greater than in 1918 by 23.

The following table gives a classification, according to age, of those examined:—

NUMBER OF CHILDREN INSPECTED, 1919.														
Years of Age.	Entrants.				Intermediate Group.		Leavers.						Special Cases.	Totals.
	5	6	7	Total	8	Total	12	13	14	15	16	Total	Other ages Total.	
Boys	280	172	51	503	424	424	327	49	7	—	—	383	115	1,425
Girls	282	168	64	514	434	434	345	67	6	—	—	418	139	1,505
Total	562	340	115	1,017	858	858	672	116	13	—	—	801	254	2,930



The numbers of children examined in each school is shown in the following table:—

NUMBER EXAMINED.

YEARS OF AGE.	5	6	7	8	9	10	11	12	13	14	15	16	TOTALS.
SCHOOL.	B. G.	B. G.	B. G.	B. G.	B. G.	B. G.	B. G.	B. G.	B. G.	B. G.	B. G.	B. G.	B. G. Totals
Muswell Hill ..	7	6	5	11	1	-	-	-	-	-	-	-	26
St. Michael's ..	15	4	3	23	-	-	-	20	1	-	-	-	23
Highgate Council	13	12	7	24	-	-	-	24	-	-	-	-	61
North Harringay	39	32	39	77	9	11	3	38	-	-	-	-	82
South Harringay	25	9	14	32	19	11	12	64	20	2	-	-	91
Stroud Green ..	31	24	27	40	13	12	4	22	2	1	-	-	270
St. Mary's ..	35	17	12	41	3	7	19	40	2	2	-	-	336
Crouch End ..	51	21	27	74	6	1	11	55	3	1	-	-	606
Holy Innocents' ..	14	16	6	7	-	-	-	24	13	2	-	-	100
St. James' ..	5	7	4	16	9	2	3	10	6	-	-	-	207
Campsbourne ..	45	24	23	79	7	3	2	54	4	-	-	-	223
TOTAL ..	280	172	168	424	48	29	38	327	49	7	-	-	1425
	282	168	64	434	59	33	47	345	67	6	-	-	1505
													2930

Boys	503	424	115	383
Girls	514	434	139	418
	Entrants	Intermediate Group	Other Ages	Leavers

**Attendance of Parents or Guardians.**—In every instance the parents or guardians are invited to be present when the child is examined. In the year under review, one or both of the parents attended in 2,156 instances. This is equal to 73·6 per cent. of the total.

The attendance of parents this year is better than in 1918, but is still much below the attendance in the earlier years of medical inspection.

**Height and Weight of those Inspected.**—The following tables give the average height and weight for each sex, for each year of age:—

AVERAGE HEIGHT FOR EACH YEAR OF AGE.

BOYS.

GIRLS.

Year of Age.	No. examined.	Average Height.		No. examined.	Average Height.	
		Inches.	Centimetres.		Inches.	Centimetres.
5	280	42·2	107·2	282	41·3	104·9
6	172	43·8	111·3	168	43·6	110·7
7	51	46·4	117·9	64	46·3	117·6
8	424	48·1	122·2	434	48·2	122·4
9	48	49·7	126·2	59	49·5	125·7
10	29	51·9	131·8	33	51·8	131·6
11	38	52·9	134·4	47	54·5	138·4
12	327	55·5	141·0	345	56·2	142·7
13	49	56·8	144·3	67	58·5	148·6
14	7	62·1	157·7	6	58·6	148·8

AVERAGE WEIGHT FOR EACH YEAR OF AGE.

BOYS.

GIRLS.

Year of Age.	No. examined.	Average Weight.		No. examined.	Average Weight.	
		lbs.	Kilogrammes.		lbs.	Kilogrammes.
5	280	40·34	18·3	282	39·24	17·8
6	172	42·95	19·5	168	41·74	18·9
7	54	47·87	21·7	64	47·30	21·5
8	424	52·07	23·6	434	51·33	23·3
9	48	56·06	25·4	59	55·06	25·0
10	29	62·28	28·3	33	60·69	27·5
11	88	63·38	29·8	47	68·39	31·0
12	327	73·33	33·3	345	73·88	33·5
13	49	79·54	36·1	67	81·57	37·0
14	7	91·25	41·4	6	85·79	38·9



**Nutrition.**—The proportion of children who, from one cause or another classified as sub-normal as regards nutrition, is 11·7 per cent. There are more cases of defective nutrition among the girls than the boys, and considerably more in the earlier years of school life than among the elder scholars. Up to 8 years of age the percentage of sub-normal nutrition is just over 12, while at 12-14 years it is only 8·6.

There was no case of gross mal-nutrition. The number of children presenting themselves for examination with insufficient or unsatisfactory clothing was insignificant.

**Uncleanliness.**—During the greater part of the year the cleansing station was closed for structural alterations, and the ordinary course of cleansing verminous children, after giving the usual notice, could not be followed.

In other respects the campaign against uncleanliness was carried out as vigorously as in previous years, and the school nurses inspected 7,573 children, in addition to those seen at the ordinary medical inspection. As a rule the defects observed were quickly remedied, but obstinate cases were dealt with by notices under the Children Act, together with home visitation.

The following is a summary of the work done under this section, compared with the former year:—

	1918	1919
Notices served—Preliminary ... ..	158	152
„ „ Statutory ... ..	26	42
Number of children cleansed by the		
Local Education Authority ... ..	—	7
Legal proceedings taken ... ..	—	1

At the medical inspection about 7 per cent. of the children were found to have nits in the hair, and about 2 per cent. had dirty or verminous conditions of the body.

When we consider that there were no facilities for compulsory cleansing for the first 8 months of the year I think these figures are not unsatisfactory, and there is no doubt that our schools are among the cleanest in the country.

The cleansing station was re-opened in October, and for the rest of the year only cases of Scabies were dealt with.

From October-December, 1919, 29 children suffering from Scabies attended at the cleansing station.

205 baths were given, an average of 7 baths per child.

At the end of the year 26 cases had been cured, and 3 remained on the books.

About two-thirds of the children had more or less serious defects of the teeth. The difficulty of securing suitable treatment for these conditions, especially among the poor, has often been referred to in these reports. A dental clinic has now been established in the Borough, and before the next report is presented it will have been in operation for several months, and present indications show that the parents of children in our schools are eager to secure treatment for their children through this means.

The statistical tables show that other diseases and defects vary little in their incidence from previous years.

Steps have been taken to provide treatment at a Municipal Centre for many of these conditions, and the most beneficial results are anticipated.

There were 43 children suffering from Tuberculosis of the lungs and 13 suffering from other forms of tuberculosis. Altogether 56 children out of over 8,000 on the roll are known to suffer from tuberculosis in one form or another. Thirty-five of these children were attending school, receiving tuition in the open-air whenever possible, and all under medical supervision. The remaining twenty-one were out of school at the date of this report for the purpose of treatment.

Reference to the table of treatment of defects will show that nearly a thousand defective conditions were discovered that called for medical treatment.

In many cases children left the district before steps could be taken to ascertain what treatment, if any, had been provided, and of the remainder about one-half were treated.

The following table summarises the number of cases in which defective conditions of health were discovered, in which medical treatment was considered necessary. Altogether there were 937 such cases, of which 392 were provided with treatment. There



were 598 cases which remained untreated, and in 147 cases there is no following up report, as the children left the district before a report could be obtained.

If these 147 cases are eliminated, it will be seen that 49.6 per cent. of those in need of medical treatment received attention.

TREATMENT OF DEFECTS, 1919.

CONDITION.	Number of defects found for which treatment was considered necessary.	No Report.	Number treated.	RESULT OF TREATMENT.			Defects not treated.	Percentage of Defects treated.
				Remedied.	Improved.	Unchanged.		
Nose and Throat ...	476	72	183	137	42	4	221	38.4
External Eye Disease ...	12	1	4	2	1	1	7	33.3
Ear Disease ...	9	1	5	4	1	—	3	55.6
Heart and Circulation ...	67	3	24	2	15	7	40	35.7
Lungs ...	14	—	14	—	7	7	—	100.0
Nervous System ...	2	—	2	2	—	—	—	100.0
Skin ...	33	1	32	29	3	—	—	97.0
Deformities ...	8	2	4	—	4	—	2	50.0
Tuberculosis (non pulmonary) ...	11	1	7	—	6	1	3	63.6
Vision and Squint ...	255	52	89	71	14	4	114	34.9
Hearing ...	14	4	7	2	2	3	3	50.0
Miscellaneous ...	36	10	21	18	3	—	5	58.3
TOTALS ...	937	147	392	267	98	27	398	41.8



In 9 cases where the ordinary measures failed to get the parents to provide the necessary medical attention, notices were served under Section 12 of the Children Act, 1908.

The kind of defect for which the notices were served under this section and the number of cases were:—

Defective Vision	...	...	...	...	1
Tonsils and Adenoids	...	...	...	...	4
Scabies	...	...	...	...	3
Septic Mouth	...	...	...	...	1
					—
					9
					—

As a result adequate medical attention was provided in each case.

**Elementary Education (Blind and Deaf Children) Act, 1893.**—On the 31st of December, 1918, ten children were receiving instruction in Special Schools under the provisions of the above Act, viz., six boys and four girls. During the year arrangements were made on the certificate of the School Medical Officer for the admission of two children to Institutions. In three cases where the parents of children had removed from the Borough arrangements were made with other Local Authorities to take over the education and maintenance of the children concerned. A deaf child having attained the age of sixteen years was released from the obligation to attend school, and suitable employment was found for the girl.

At the request of a parent a girl was transferred from the East London Home for the Blind to the Royal Normal College for the Blind, Norwood.

Thus at the end of the year eight children were on the rolls of Residential Institutions:—

- 4 at Brighton Deaf and Dumb Institution.
- 1 at Brighton Asylum for the Blind.
- 2 at the Institute for the Blind, Swiss Cottage.
- 1 at the Royal Normal College for the Blind, Norwood.

**Elementary Education (Defective and Epileptic Children) Acts, 1899—1914.**—On the 31st December, 1918, 30 Hornsey children were on the rolls of the Joint Special School at Oak Lodge, Finchley. During the year twelve Hornsey children have been admitted on the authority of the School Medical Officer, and five have left the School, two having left the district and three having been certified by the School Medical Officer as incapable of deriving further benefit from instruction in a Special School. On December 31st, 1919, there were 37 Hornsey children in attendance at the Special School, viz., 20 boys and 17 girls.

Five children are now in residence at the Homes for Defectives and Epileptics at Lingfield, Surrey, under the provisions of the above Acts (3 boys and 2 girls).

HAROLD COATES,

*School Medical Officer.*



## RETURN SHOWING THE PHYSICAL CONDITION OF CHILDREN INSPECTED.

CONDITION.		ENTRANTS.				LEAVERS.				INTERMEDIATE GROUP, 8 years old.				TOTALS.			
		Boys	Girls	Total	Per cent.	Boys	Girls	Total	Per cent.	Boys	Girls	Total	Per cent.	Boys	Girls	Total	Per cent.
Total Inspected		503	514	1017	—	383	418	801	—	424	434	858	—	1310	1366	2676	—
Clothing	Satisfactory	-	-	-	-	495	509	1004	98.7	380	415	795	99.3	422	432	854	99.5
	Unsatisfactory	-	-	-	1.3	8	5	13	.7	3	3	6	.7	2	2	4	.5
Footgear	Satisfactory	-	-	-	-	502	511	1013	99.6	380	415	795	99.3	422	434	856	99.8
	Unsatisfactory	-	-	-	.4	1	3	4	.7	3	3	6	.7	2	—	2	.2
Cleanliness of Head	Clean	-	-	-	-	488	467	955	93.9	378	366	744	92.9	415	368	783	91.3
	Nits	-	-	-	6.0	15	46	61	7.1	5	52	57	7.1	9	66	75	8.7
	Pediculi	-	-	-	.1	—	1	1	—	—	—	—	—	—	—	—	—
Cleanliness of Body	Clean	-	-	-	-	493	504	997	98.0	376	415	791	98.8	418	412	830	96.7
	Dirty	-	-	-	.7	3	4	7	.7	4	1	5	.6	1	9	10	1.2
	Pediculi present	-	-	-	1.3	7	6	13	1.3	3	2	5	.6	5	13	18	2.1
Nutrition.	Excellent	-	-	-	-	61	61	122	12.0	66	76	142	17.7	50	39	89	10.4
	Normal	-	-	-	-	389	382	771	75.8	291	299	590	73.7	317	345	662	77.1
	Subnormal	-	-	-	-	53	71	124	12.2	26	43	69	8.6	57	50	107	12.5
	Bad	-	-	-	—	—	—	—	—	—	—	—	—	—	—	—	—
Teeth	Sound	-	-	-	-	209	197	406	39.9	170	194	364	45.4	93	103	196	22.9
	Less than four decayed	-	-	-	31.5	152	168	320	31.5	172	190	362	45.2	179	155	334	38.9
	Four or more decayed	-	-	-	28.6	142	149	291	28.6	41	34	75	9.4	152	176	328	38.2
	Sepsis	-	-	-	1.6	9	7	16	1.6	6	9	15	1.9	16	14	30	3.5

RETURN SHOWING THE PHYSICAL CONDITION OF CHILDREN INSPECTED (Continued).

	No defect -	316	353	669	65'8	318	337	655	81'8	309	310	619	72'1	943	1000	1943	72'6
Nose and Throat	Rhinitis -	-	10	18	1'8	1	6	7	'9	11	12	23	2'7	22	26	48	1'8
	Mouth Breathers -	-	28	38	3'7	6	5	11	1'4	16	11	27	3'1	50	26	76	2'8
	Tonsils slightly enlarged -	-	149	298	29'3	51	65	116	14'5	78	91	169	19'7	278	305	583	21'8
	Tonsils much enlarged -	-	13	23	2'3	4	3	7	'9	1	2	3	'3	18	15	33	1'2
	Adenoids: slight -	-	74	129	12'7	12	10	22	2'7	50	33	83	9'7	136	98	234	8'7
	Adenoids: marked -	-	-	15	1'5	2	1	3	'4	1	-	1	'1	3	16	19	'7
External Eye Disease	No Disease -	-	491	992	97'5	372	411	783	97'8	411	427	838	97'7	1274	1339	2613	97'6
	Blepharitis -	-	6	13	1'3	10	6	16	2'0	9	5	14	1'6	25	18	43	1'6
	Conjunctivitis -	-	2	5	'5	1	1	2	'2	3	2	5	'6	6	6	12	'4
	Corneal Opacity -	-	-	1	'1	-	-	-	-	1	-	1	'1	1	1	2	'1
	Other Disease -	-	4	6	'6	-	-	-	-	-	-	-	-	4	2	6	'2
Vision	Normal -	-	502	1012	99'5	317	346	663	82'8	377	379	756	88'1	1196	1235	2431	90'8
	6/9 Right -	-	-	2	'2	25	23	48	59'9	31	28	59	6'9	56	53	109	4'1
	Left -	-	-	3	'3	16	22	38	47'4	19	22	41	4'8	35	47	82	3'1
	6/12 R. -	-	-	1	'1	13	9	22	2'7	9	18	27	3'1	22	28	50	1'9
	L. -	-	-	-	-	15	9	24	3'0	5	9	14	1'6	20	18	38	1'4
	6/18 R. -	-	1	2	'2	19	12	31	3'9	9	12	21	2'4	29	25	54	2'1
	L. -	-	-	-	-	10	11	21	2'6	8	7	15	1'7	18	18	36	1'3
	6/24 R. -	-	-	-	-	5	7	12	1'5	9	3	12	1'4	14	10	24	'9
	L. -	-	1	1	'1	10	9	19	2'4	7	2	9	1'0	17	12	29	1'1
	6/36 R. -	-	-	-	-	4	3	7	'9	2	2	4	'5	6	5	11	'4
	L. -	-	-	-	-	3	2	5	'6	-	-	-	-	3	2	5	'2
	6/60 R. -	-	-	-	-	1	3	4	'5	-	-	-	-	1	3	4	'1
	L. -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6/0 R. -	-	-	-	-	1	1	2	'2	2	1	3	'3	-	2	5	'2
	L. -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Squint	-	9	9	18	1'8	4	7	11	1'4	8	7	15	1'7	21	23	44	1'6





RETURN SHOWING THE PHYSICAL CONDITION OF CHILDREN INSPECTED (Continued).

	No Disease	472	486	958	94.2	377	411	788	98.4	403	424	827	96.4	1252	1321	2573	96.2
Lungs.	No Disease	-	-	-	-	6	3	9	1.1	17	4	21	2.4	50	34	84	3.1
	Chronic Bronchitis and Bronchial Catarrh	27	27	54	5.3	-	1	1	.1	1	3	4	.5	1	4	5	.2
	Tuberculosis	-	-	-	-	-	3	3	.4	3	3	6	.7	6	7	13	.5
	" suspected	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	.04
	Other Disease	1	-	1	.1	-	-	-	-	-	-	-	-	-	-	-	-
Nervous System	No Disease	496	513	1009	99.2	381	415	796	99.4	419	431	850	99.1	1296	1359	2655	99.2
	Epilepsy	-	-	-	-	-	-	-	-	1	-	1	.1	1	-	1	.04
	Chorea	-	-	2	.2	1	1	2	.2	2	1	3	.3	5	2	7	.3
	Other Disease	5	1	6	.6	1	2	3	.4	2	2	4	.5	8	5	13	.5
Skin	No Disease	492	502	994	97.7	377	410	787	98.3	412	427	839	97.8	1281	1339	2620	97.9
	Ringworm, body	-	1	1	.1	1	-	1	.1	-	-	-	-	1	1	2	.1
	" head	-	-	-	-	-	-	-	-	1	-	1	.1	1	-	1	.04
	Impetigo	-	4	7	.7	-	2	2	.2	7	2	9	1.0	10	8	18	.7
	Scabies	3	2	5	.5	2	-	2	.2	2	5	7	.8	7	7	14	.5
	Other Disease	5	5	10	1.0	3	6	9	1.1	2	-	2	.2	10	11	21	.8
Rickets	No Disease	496	507	1003	98.6	380	417	797	99.5	422	432	854	99.5	1298	1356	2654	99.2
	Slight Disease	5	7	12	1.2	3	1	4	.5	2	2	4	0.5	10	10	20	.7
	Marked "	2	-	2	.2	-	-	-	-	-	-	-	-	2	-	2	.1
Deformity	No Deformity	474	489	963	94.7	350	383	733	91.5	393	405	798	93.0	1217	1277	2494	93.2
	Deformity present	29	25	54	5.3	33	35	68	8.5	31	29	60	7.0	93	89	182	6.8
Tuberculosis, Non-Pulmonary	No Disease	502	514	1016	99.9	381	418	799	99.8	423	433	856	99.8	1306	1365	2671	99.8
	Glandular	1	-	1	.1	1	-	1	.1	1	1	2	.2	3	1	4	.1
	Bones and Joints	-	-	-	-	1	-	1	.1	-	-	-	-	1	-	1	0.04
	Other Forms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Speech	Not defective	490	509	999	98.2	375	418	793	99.0	419	433	852	99.3	1284	1360	2644	98.8
	Defective Articulation	11	2	13	1.3	4	-	4	.5	3	1	4	.5	18	3	21	.8
	Stammering	2	3	5	.5	4	-	4	.5	2	-	2	.2	8	3	11	.4
Other Disease or Defect	Not present	494	511	1005	98.8	374	418	792	98.9	416	432	848	98.8	1284	1361	2645	98.8
	Present	9	3	12	1.2	9	-	9	1.1	8	2	10	1.2	26	5	31	1.2



## APPENDIX A.

RETURN OF BLIND, DEAF AND DUMB, MENTALLY DEFICIENT,  
EPILEPTIC AND PHYSICALLY DEFECTIVE CHILDREN IN HORNSEY  
AS ON THE 31st DECEMBER, 1919.

			Boys	Girls	Total
Blind (including Partially Blind)		Attending Public Elementary Schools ...	—	—	—
		Attending Certified Schools for the Blind ...	2	2	4
		Not at School ...	—	1	1
Deaf and Dumb (including Partially Deaf)		Attending Public Elementary Schools ...	—	—	—
		Attending Certified Schools for the Deaf ...	2	2	4
		Not at School ...	—	—	—
Mentally Deficient.	Feeble Minded.	Attending Public Elementary Schools ...	—	—	—
		Attending Certified Schools for Mentally Defective Children ...	20	17	37
		Notified to the Local (Control) Authority during the Year ...	—	—	—
		Not at School ...	—	—	—
	Imbeciles.	At School ...	5	6	11
		Not at School ...	3	3	6
	Idiots.	... ..	—	—	—
Epileptics.		Attending Public Elementary Schools ...	1	—	1
		Attending Certified Schools for Epileptics ...	3	2	5
		Not at School ...	1	1	2
Physically Defective.	Pulmonary Tuberculosis	Attending Public Elementary Schools ...	14	16	30
		Attending Certified Schools for Physically Defective Children ...	—	—	—
		Not at School ...	9	4	13
	Other forms of Tuberculosis	Attending Public Elementary Schools ...	4	1	5
		Attending Certified Schools for Physically Defective Children ...	—	—	—
		Not at School ...	4	4	8
	Cripples other than Tubercular.	Attending Public Elementary Schools ...	16	18	34
		Attending Certified Schools for Physically Defective Children ...	—	—	—
		Not at School ...	2	5	7

**INSPECTION, TREATMENT, &c., OF CHILDREN  
DURING 1919.**

(1) The total number of children medically inspected (whether Code Group, special or ailing child ... ..	2930
(2) 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) ... ..	508
(3) The number of children in (1) who were referred for treatment (excluding uncleanliness, defective clothing, etc.) ... ..	937
(4) The number of children in (3) who received treatment for one or more defects (excluding uncleanliness, defective clothing, etc.) ... ..	392



# INSPECTION, TREATMENT, ETC., OF CHILDREN DURING THE

(1) The total number of children medically inspected (whether Code Group, special or ordinary) and the number of children who were not inspected.

(2) The number of children in (1) suffering from defects (other than rickets) or defective dentition (or both) who require to be kept under observation (but not referred for treatment) and the number of children who require treatment.

(3) The number of children in (1) who were referred for treatment (excluding rickets, defective dentition, etc.) and the number of children who were not referred for treatment.

(4) The number of children in (1) who received treatment for one or more defects (excluding rickets, defective dentition, etc.) and the number of children who did not receive treatment.