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CITY OF



CARLISLE

EDUCATION COMMITTEE

ANNUAL REPORT

UPON THE

Work of Medical Inspection

FOR THE YEAR 1937

BY

ALLAN SEMPLE,

M.B., Ch.B. (Glasgow); D.P.H. (Bristol)

MEDICAL OFFICER OF HEALTH,
CHIEF TUBERCULOSIS OFFICER,
and SCHOOL MEDICAL OFFICER.



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MEDICAL OFFICER OF HEALTH,

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and SCHOOL MEDICAL OFFICER.

STAFF OF THE SCHOOL MEDICAL SERVICE.

School Medical Officer and Medical Officer of Health—

ALLAN SEMPLE, M.B., Ch.B., D.P.H.

*Assistant School Medical Officer and Clinical
Tuberculosis Officer—*

JAMES C. B. CRAIG, M.D., D.P.H.

*Assistant School Medical Officer and Maternity and
Child Welfare Officer—*

Miss ELEANOR E. BOURNE, M.B., Ch.M., D.P.H.,
to 31st October.

Miss E. D. HUNTER-CRAIG, M.B., Ch.B., L.M.,
from 1st November.

School Dental Officer—

T. W. GREGORY, L.R.C.P.S., L.D.S.

Matron, School Clinic and Tuberculosis Dispensary--

Miss M. E. GLOYNE.

School and Tuberculosis Nurses—

Miss M. B. COULTHARD, Miss E. R. FERGUSON,
Miss M. I. SAUNDERS, Miss L. SHAW.

Clerks—

The clerical work is undertaken, in conjunction with the Public Health work, by the staff of the Public Health Department.

To the Chairman and Members of the
Education Committee.

Ladies and Gentlemen,

I have the honour to present the Report upon the work of the School Medical Service for the year 1937.

One important change occurred in the personnel by reason of the resignation of Dr. Eleanor E. Bourne after 17 years' service. Dr. Elizabeth D. Hunter-Craig took up her duties on the 1st November and there was no interference with the routine work.

The number of children protected against diphtheria is steadily increasing and now represents about one-fourth of the school population. While it would not be true to say that the low incidence of diphtheria is attributable to this circumstance, there are grounds for satisfaction in that the Immunisation Campaign is directed among the younger children who are most susceptible. The protected percentage is for practical purposes considerably higher than the figures would indicate, and there is reason to believe that in the event of another outbreak of diphtheria severe epidemic conditions would be much less likely to occur.

The increased number of attendances at the Tuberculosis Clinic is also satisfactory in so far as it indicates a more complete survey of contacts and suspected cases, a matter of prime importance in an effective service.

The Orthodontic Scheme is still in its infancy, but it is gratifying to be able to report appreciation by the parents of the services rendered to their children, and I have every confidence that the scheme will grow and be fruitful of good results.

Approximately half of the children regularly participate in the Milk in Schools Scheme. There is room for considerable improvement in this direction, and it will be interesting to note whether any appreciable increase results from the Better Health Campaign which was launched in the Autumn.

In commending the report to your attention, I desire to thank all the members of my staff for their assistance and co-operation.

Your obedient Servant,

ALLAN SEMPLE,

School Medical Officer.

May, 1938.

STATISTICAL SUMMARY.

School Accommodation	...	...	...	10,882
Average No. on Rolls	...	...	...	8,660
Average Attendance	...	...	...	7,808
No. of " Routine " Inspections	...	...	...	2,733
No. of " Special " Inspections	...	...	...	2,436
No. of Re-Inspections	...	...	...	5,858
Total No. of Inspections	...	...	...	11,027
No. of Children found to require Treatment at the " Routine " Inspections	...	...	...	396
No. of Parents interviewed at Medical Inspec- tions, " Routine " and " Special "	...	...	...	2,757
No. of Visits to Schools by the Assistant School Medical Officers	...	...	...	177
No. of Visits to Schools by Nurses	...	...	...	656
No. of Visits to Homes by Nurses	...	...	...	2,898
No. of Teachers examined for appointment and otherwise at the request of the Education Committee	...	...	...	19
No. of Cases treated at the Clinic	...	...	...	1,450
No. of Attendances at Clinic for Treatment	...	...	...	11,946
No. of Children examined by School Dentist...	...	...	...	6,810
No. of Children treated by School Dentist	...	...	...	2,259
No. of Children excluded for Verminous Conditions	...	...	...	533

SCHOOL HYGIENE.

The re-decoration of the following schools has been carried out during the year:—Caldewgate, Denton Holme, Creighton, Newtown, and H. K. Campbell, and flooring repairs have been done at Ashley Street School.

MEDICAL INSPECTIONS.

The number of "Routine" inspections was 87 less than in 1936, decreases of 108 in the "Entrant" group and 2 in the "Leaver" group being recorded, while in the "Intermediate" group 23 more children were examined.

The number of old cases re-examined shows an increase of 275.

The Assistant School Medical Officers paid 119 visits to the schools for the purpose of "Routine" medical inspection, the average number of children examined per session being 23.

School.	Entrants.		Intermediates.		Leavers.	
	No. examined	No. of parents present	No. examined	No. of parents present	No. examined	No. of parents present
Ashley Street	74	69	94	62	137	72
Bishop Goodwin	119	109	116	88	117	72
Brook Street	90	79	113	86	131	75
Caldewgate	67	60	73	50	88	28
Christ Church	13	13	16	11	...	...
Creighton	...	...	...	...	72	34
Denton Holme	...	...	86	79	...	...
H. K. Campbell	9	...	14	...	9	...
Lowther Street	25	25	29	25	48	22
Margaret Sewell	...	...	...	...	83	61
Newtown	81	74	99	82	...	...
Norman Street	79	72	59	53	...	...
Robert Ferguson	79	76	...	...	65	37
St. Bede's	48	41	50	33	...	...
St. Cuthbert's	55	41	54	34	...	...
St. John's	...	...	...	...	23	8
St. Patrick's	...	...	...	...	116	37
St. Stephen's	14	12	17	12	...	...
Stanwix	52	42	54	47	27	20
Upperby	62	49	51	35	25	5
Totals ...	867	762	925	697	941	471

FINDINGS OF MEDICAL INSPECTIONS.

Of the 2,733 children who were examined in the "Routine" groups, 14.5 per cent. were referred for treatment; this is 3.9 per cent. greater than the figure for 1936.

The "Entrant" group shows the highest percentage of defects requiring treatment, viz., 17.9 per cent., the "Leavers" shows 12.9 per cent., and the "Intermediates" 12.7 per cent.

The percentages of children with defects requiring treatment or to be kept under observation were as follows:—

Affections of the nose and throat, 25.3 per cent.; defective vision, 13.1 per cent.; external eye disease, 0.3 per cent.; defective hearing, 0.2 per cent.; other ear diseases, 1.8 per cent.; anæmia, 0.3 per cent.; heart disease, 1.9 per cent.; non-tubercular lung disease, 2.0 per cent.; tuberculosis, definite or suspected, pulmonary and non-pulmonary, 0.7 per cent.; enlarged neck glands, non-tubercular, 0.8 per cent.; skin diseases, 2.0 per cent.; all other defects, excluding dental diseases and uncleanness, 6.3 per cent.

Affections of the nose and throat show an increase of 3.4 per cent. as compared with the previous year. Defective vision shows a decrease of 4.2 per cent. as compared with 1936. With the exception of tuberculosis which shows a very slight increase, all other defects show slight decreases.

There were 2,436 "Special" examinations, and the rates as to the various defects found were as follows:—

Affections of the nose and throat, 6.9 per cent.; defective vision, 3.6 per cent.; external eye disease, 4.0 per cent.; defective hearing, 0.04 per cent.; other ear diseases, 3.1 per cent.; anæmia, 0.04 per cent.; heart disease, 0.2 per cent.; non-tubercular lung disease, 0.3 per cent.; tuberculosis, definite or suspected, pulmonary and non-pulmonary, 1.5 per cent.; enlarged neck glands, 0.5 per cent.; skin diseases, 17.8 per cent.; all other defects, 36.5 per cent.

Affections of the nose and throat show an increase of 2.2 per cent. as compared with last year. The percentages show slight increases in the case of ear diseases, heart disease, tuberculosis, enlarged neck glands, skin diseases, and other defects, while defective vision, external eye disease, deafness, anæmia, and non-tubercular lung diseases show slight decreases.

EXCLUSIONS BY ASSISTANT MEDICAL OFFICERS AT SCHOOL AND CLINIC.

Table showing the number of Children excluded by the Assistant Medical Officers at School and Clinic for conditions other than those associated with vermin:—

Scabies	...	...	...	...	82
Ringworm	...	...	...	...	2
Impetigo	...	...	...	...	3
External Eye Diseases	...	...	...	...	12
Pulmonary Tuberculosis	...	...	...	...	6
Other Forms of Tuberculosis and suspected Pulmonary Tuberculosis	...	...	...	...	15
Other Respiratory Diseases	...	...	...	...	2
Heart and Circulation	...	...	...	...	1
Infectious Diseases	...	...	...	...	24
Tonsils Operations	...	...	...	...	237
Miscellaneous	...	...	...	...	46

The total number of exclusions was 8 less than in 1936, as there were 58 fewer children excluded on account of tonsils operations. Tuberculosis, external eye disease, infectious diseases and miscellaneous show increases, and the number of cases of scabies (itch) found and excluded was 14 more than in 1936, the loss of school time in connection with this condition being 1,494 days compared with 935 in 1936 and 513 in 1935. The number of school days lost on account of ringworm was 34, 34 less than in 1936.

UNCLEANLINESS.

The number of children excluded for verminous conditions was 533, or 48 more than in 1936, 124 having been excluded more than once. Legal proceedings were taken under the School Attendance Bye-laws in 2 instances, and in each case a fine was imposed. In 25 additional instances of children who were repeatedly found in a verminous condition the parents were warned by a letter from the Director of Education.

In all the "Routine" groups the incidence of verminous heads shows a slight but disappointing increase compared with the preceding year. The "Entrant" group figure is the largest for the past ten years.

At the "Surprise" visits 1,153 fewer children were examined. There were decreases of 0.3 per cent. among the boys and 1.6 per cent. among the girls found with nits on the head, but 0.1 per cent. more boys and 0.6 per cent. more girls were found with vermin on the head. In no case was vermin found on the body or clothing.

Table showing Verminous Conditions of the Head and Body (including Clothing) found at "Routine" inspections 1928-1937.

ENTRANTS.

Year.	No. of Scholars Examined.	No. found with Nits in the Head.		No. found with Verminous (lice) Heads.		No. found with Verminous (lice) Bodies, including Clothing.	
		No.	Per cent.	No.	Per cent.	No.	Per cent.
1928	992	58	5.8	...	...	...	...
1929	1093	113	10.3	3	0.2	...	...
1930	932	65	6.9	4	0.4	...	...
1931	1015	94	9.3	4	0.4	...	...
1932	988	39	3.9	3	0.3	...	...
1933	1007	40	4.0	4	0.4	...	...
1934	927	49	5.3	4	0.4	...	...
1935	928	11	1.2	1	0.1	...	...
1936	975	22	2.3	4	0.4	...	...
1937	867	25	2.9	6	0.7	...	...

INTERMEDIATES.

1928	868	59	6.7	11	1.2	...	...
1929	1178	93	7.8	4	0.3	...	...
1930	1111	131	11.7	4	0.3	1	0.09
1931	1042	80	7.7	12	1.6	...	...
1932	995	131	13.2	11	1.1	1	0.1
1933	1015	57	5.6	3	0.3	...	...
1934	851	84	9.9	11	1.3	...	...
1935	1049	56	5.3	7	0.7	..	...
1936	902	24	2.7	...	...	...	...
1937	925	39	4.2	3	0.3	...	...

LEAVERS.

1928	872	43	4.9	3	0.3	...	...
1929	764	37	4.8	2	0.2	...	...
1930	757	88	11.6	2	0.2	1	0.1
1931	711	54	7.6	1	0.1	...	...
1932	825	51	6.2	2	0.2	1	0.1
1933	1110	44	4.0	1	0.1	...	...
1934	1032	57	5.5	...	...	...	...
1935	941	41	4.4	1	0.1	...	...
1936	943	30	3.2	...	...	...	...
1937	941	45	4.8	2	0.2	...	...

Table showing Verminous Conditions of the Head and Body found at the "Surprise" visits.

Boys.

School.	Numbers Examined.	Nits on Hair.		Vermin on Head.		Vermin on Body.	
		No.	Per cent.	No.	Per cent.	No.	Per cent.
Ashley Street ...	1906	15	0·8	20	1·0	...	...
Bishop Goodwin ...	1806	12	0·7	20	1·1	...	...
Brook Street ...	1830	12	0·7	20	1·1	...	...
Caldewgate ...	1498	30	2·0	23	1·5	...	...
Christ Church ...	188	3	1·6	2	1·1	...	...
Creighton ...	216	...	...	...	...	...	...
Denton Holme ...	537	3	0·6	5	0·9	...	...
H. K. Campbell ...	176	4	2·3	...	...	...	...
Lowther Street ...	467	10	2·1	5	1·1	...	...
Newtown ...	833	23	2·8	10	1·2	...	...
Norman Street... ..	640	10	1·6	2	0·3	...	...
Robert Ferguson ...	865	6	0·7	8	0·9	...	...
St. Bede's ...	548	12	2·2	13	2·4	...	...
St. Cuthbert's ...	572	11	1·9	9	1·6	...	...
St. John's ...	127	1	0·8	...	...	...	...
St. Patrick's ...	538	4	0·7	4	0·7	...	...
St. Stephen's ...	204	2	1·0	4	2·0	...	...
Stanwix ...	700	1	0·1	4	0·6	...	...
Upperby ...	979	19	1·9	16	1·6	...	...
Totals	14630	178	1·2	165	1·1	...	...

Girls.

School.	Numbers Examined.	Nits on Hair.		Vermin on Head.		Vermin on Body.	
		No.	Per cent.	No.	Per cent.	No.	Per cent.
Ashley Street ...	1811	107	5·9	40	2·2	...	...
Bishop Goodwin ...	1931	108	5·6	43	2·2	...	...
Brook Street ...	1758	79	4·5	40	2·3	...	...
Caldewgate ...	1443	123	8·5	58	4·0	...	...
Christ Church ...	216	25	11·6	13	6·0	...	...
Denton Holme ...	532	16	3·0	13	2·4	...	...
H. K. Campbell ...	163	15	9·2	6	3·7	...	...
Lowther Street ...	421	12	2·9	12	2·9	...	...
Margaret Sewell ...	537	11	2·0	7	1·3	...	...
Newtown ...	823	65	7·9	38	4·6	...	...
Norman Street ...	707	12	1·7	4	0·6	...	...
Robert Ferguson ...	859	23	2·7	12	1·4	...	...
St. Bede's ...	592	53	8·9	52	8·8	...	...
St. Cuthbert's ...	619	67	10·8	37	5·9	...	...
St. John's ...	165	11	6·7	11	6·7	...	...
St. Patrick's ...	410	40	9·8	21	5·1	...	...
St. Stephen's ...	135	28	20·7	5	3·7	...	...
Stanwix ...	722	7	1·0	6	0·8	...	...
Upperby ...	676	64	9·5	40	5·9	...	...
Totals	14520	866	6·0	458	3·2	...	...

VISITS OF SCHOOL NURSES.

The School Nurses paid 656 visits to schools, 233 of which were " Surprise " visits. There were 4 complete " Surprise " inspections for uncleanness made in each school, and the results show a slight fall away from the standard of cleanliness in the previous year.

The following conditions were also found and reported to the School Medical Officer :—

Condition.	Boys.	Girls.	Total.
Impetigo of Face and Body	25	6	31
Impetigo of Scalp	4	5	9
Blepharitis & other external Eye Diseases	13	7	20
Otorrhœa	4	6	10
Septic Sores	22	16	38
Miscellaneous	15	4	19

Number of Children excluded for Verminous
Conditions, 1933—1937.

	1933	1934	1935	1936	1937
Vermin on Head	839	707	632	485	533
Vermin on Body	1	...	...	...	...
Totals	840	707	632	485	533

**Summary of Children excluded for Verminous Conditions
from one to three or more occasions during 1937.**

School.	Vermin on Head.			Vermin on Body or Clothing			TOTAL
	Once.	Twice.	Three times or more	Once.	Twice.	Three times or more	
Ashley St. Infants ...	24	2	1	..	..	..	27
" Boys ...	12	...	...	...	..	...	12
" Girls ...	18	1	...	...	..	...	19
Bishop Goodwin Inf'ts.	20	4	3	...	..	...	27
" Boys ...	10	1	...	...	..	...	11
" Girls ...	13	1	1	...	..	...	15
Brook St. Infants ...	23	6	1	...	..	...	30
" Boys ...	7	1	...	..	..	...	8
" Girls ...	14	2	..	...	..	...	16
Caldewgate Infants ...	20	2	2	...	..	...	24
" Boys ...	9	1	...	...	..	...	10
" Girls ...	26	7	2	...	..	...	35
Christ Church ...	10	3	1	...	..	...	14
Creighton ...	...	...	...	...	..	...	...
Denton Holme ...	6	6	2	...	..	...	14
H. K. Campbell ...	3	1	...	...	..	...	4
Lowther St. Infants ...	8	...	...	...	..	...	8
" Mixed ..	6	1	...	...	..	...	7
Margaret Sewell ...	5	...	...	...	..	...	5
Newtown ...	30	9	2	...	..	...	41
Norman St. ...	6	...	...	...	..	...	6
Robert Ferguson Inf'ts	8	2	2	...	..	...	12
" Mixed ...	5	1	...	...	..	...	6
Stanwix ...	8	1	...	..	..	...	9
St. Bede's ...	39	10	3	...	..	...	52
St. Cuthbert's Infants	11	2	3	...	..	...	16
" Junior...	18	4	3	...	..	...	25
St. John's Boys ...	...	...	...	...	..	...	...
" Girls ...	5	3	...	...	..	...	8
St. Patrick's Boys ...	4	...	...	...	..	...	4
" Girls ...	12	3	1	...	..	...	16
St. Stephen's ...	6	2	1	...	..	...	9
Upperby ..	23	14	6	...	..	...	43
Totals ...	409	90	34	...	...	...	533

INFECTIOUS DISEASES.

The City was free from epidemic conditions until December when there was an outbreak of measles which was still prevalent at the end of the year. There was an increase of 32 in the number of cases of scarlet fever and a decrease of 7 in the number of cases of diphtheria as compared with 1936. Increases in the number of notifications were received in respect of 18 cases of chickenpox, 6 cases of whooping cough, and 41 cases of measles, but there were only 11 cases of mumps as compared with 203 in 1936.

Table showing the incidence of notifiable infectious diseases for the year 1937 in Scholars attending the Schools within the City.

School.	Scarlet Fever.	Diphtheria.
Ashley Street	5	3
Bishop Goodwin	24	5
Brook Street	8	—
Caldewgate	2	—
Christ Church	—	—
Creighton	1	2
Denton Holme	4	—
H. K. Campbell	—	—
Lowther Street	4	—
Margaret Sewell	1	1
Newtown	10	2
Norman Street	1	—
Robert Ferguson	6	—
St. Bede's	2	1
St. Cuthbert's	1	—
St. John's	—	—
St. Patrick's	1	1
St. Stephen's	1	—
Stanwix	1	1
Upperby	14	—
Private Schools	1	1
Totals	87	17

NOTIFICATIONS OF CERTAIN INFECTIOUS DISEASES BY ATTENDANCE OFFICERS AND HEAD TEACHERS.

Table showing summary of these diseases arranged for
Districts and Schools.

	Name of School (All Departments).	Average Attend- ance.	School Accom- modation.	Measles.	Chicken- pox.	Whoop- ing Cough.	Mumps.	Totals.
<i>Western District.</i>	Ashley Street	990	1261	28	9	1	—	38
	St. Bede's	278	311	9	2	2	—	13
	Caldewgate	719	937	—	4	—	—	4
	Denton Holme	263	582	1	1	5	—	7
	Robt. Ferguson	469	720	—	9	10	2	21
	Newtown	379	400	34	2	9	1	46
	Creighton	283	312	—	3	—	1	4
	H. K. Campbell	84	120	3	3	—	—	6
	Totals	3465	4643	75	33	27	4	139
<i>Northern District.</i>	St. Stephen's	95	300	—	8	1	1	10
	Christ Church	118	381	1	14	—	—	15
	St. Cuthbert's	314	372	—	10	1	—	11
	St. Patrick's	290	362	—	3	—	—	3
	Lowther Street	255	524	—	9	1	1	11
	Margaret Sewell	257	270	—	—	—	—	—
	Stanwix	341	517	—	23	18	—	41
	Totals	1670	2726	1	67	21	2	91
<i>Southern District.</i>	Norman Street	355	400	1	7	25	1	34
	Brook Street	905	1132	2	20	4	2	28
	St. John's	79	604	—	—	—	—	—
	Bishop Goodwin	922	955	—	3	6	—	9
	Upperby	412	422	2	4	11	2	19
	Totals	2673	3513	5	34	46	5	90
	Grand Totals	7808	10882	81	134	94	11	320

FOLLOWING UP.

2,898 visits to the homes of children found defective were made by the School Nurses during the year. This is a decrease of 227 compared with the previous year.

IMMUNISATION AGAINST DIPHTHERIA.

Throughout the year the following schools were visited:—Bishop Goodwin Infants', Upperby, Christ Church, St. Cuthbert's and Brook Street Infants'.

Out of a total of 864 children in these schools there were 572 acceptances, giving a percentage acceptance rate of 66.2. Of these acceptances 139 were found not to be susceptible to diphtheria, and of the remaining 433 cases, 432 received their full immunising course of three injections.

Visits were also paid to the following schools to re-test the children who had previously received immunising injections:—Ashley Street Infants', Newtown, Bishop Goodwin Infants', Upperby and Christ Church.

Out of a total of 469 children, 460 were found to be Schick negative on re-test, and were given certificates stating that active immunisation against diphtheria had been carried out.

The following table gives full particulars of this work during the past four years.

The following table gives a résumé of the work from the commencement in January, 1934, to 31st December, 1937.

Year	Number of Children in Schools visited	Number of Acceptances	Percentage of Acceptances	Schick Negative Cases	Number of Children receiving three Immunising Injections	Number of Incompleted Cases	Number of Schick Negative Cases after Re-test	Number of Schick Positive Cases after Re-test	Number of Children Absent at Re-test
1934	2421	1367	56.5	468	805	94	575	9	32
1935	883	579	65.6	113	457	9	383	26	10
1936	1174	603	51.4	156	446	1	422	15	10
1937	864	572	66.2	139	432	1	460	9	16
Total	5342	3121	58.4	876	2140	105	1840	59	68

MEDICAL TREATMENT.

MINOR AILMENTS.

The number of children treated for minor ailments was 180 more than in 1936. The School Clinic remained open during the holidays for the convenience of certain children requiring continued treatment, and the number of attendances made for this purpose was 217. The total number of attendances was 541 more than in the previous year, the average daily attendance during school sessions being 2 more, and the maximum attendance on any one morning 7 more than last year.

2 children were referred from the School Clinic for in-patient treatment in the City General Hospital for the following conditions:—

Eczema Face ...	16 days.
Impetigo Scalp ...	2 days.
and 2 in respect of diseases of the eye, viz.:—	
Corneal Ulcer ...	12 days.
Conjunctivitis ...	52 days.

TONSILS AND ADENOIDS.

237 children received operative treatment under the Authority's scheme for removal of tonsils and adenoids; this is 58 less than in 1936. In addition, 18 cases received operative treatment apart from the Authority's scheme, and 6 children received non-operative treatment at home. The amount recovered from parents under the scale in respect of the children treated was £88 16s. 6d., equal to an average of 7s. 6d. per case.

In addition, 6 children received operative treatment for the following conditions at the City General Hospital:—

Acute Mastoid ...	3
Polypus ...	2
Paracentesis ...	1
and two children received non-operative treatment for furunculosis and adenitis respectively.	

Results of Treatment at Clinic.

Defect or Disease.	No. of Cases.			Cured.	Im- proved.	Un- changed.	Ceased Attend- ing.	In- complete.
	Boys.	Girls.	Total.					
<i>Eye Diseases—</i>								
Conjunctivitis	18	19	37	33	...	...	2	2
Blepharitis ...	20	15	35	31	...	...	...	4
Corneal Ulcers	8	5	13	8	...	...	4	1
Hordeolum ...	10	11	21	19	...	...	1	1
Other Diseases	5	2	7	5	...	...	1	1
<i>Ear Diseases—</i>								
Otorrhœa ...	40	22	62	45	2	...	5	10
Wax in Ears ...	50	14	64	64	...	...	...	...
Other Diseases	5	4	9	8	1	...	...	...
<i>Skin Diseases—</i>								
Impetigo, Head	20	23	43	42	...	1	...	...
Impetigo, Body	171	104	275	250	...	...	13	12
Ringworm, Head	4	3	7	7	...	...	...	...
Ringworm, Body	13	10	23	20	...	...	2	1
Alopecia ...	3	4	7	3	2	1	1	...
Seborrhœa ...	2	1	3	3	...	...	...	...
Eczema ...	59	38	97	84	3	...	2	8
Septic Sores ...	330	166	496	446	4	...	16	30
Minor Injuries	69	33	102	92	2	...	2	6
Miscellaneous	93	56	149	140	...	...	3	6
Totals	920	530	1450	1300	14	2	52	82

Attendances at Treatment Clinic.

Month.	No. of days Clinic open.	Total Attendance.	Average daily Attendance.	Maximum daily Attendance.
January	24	1032	43	68
February	24	1068	44	74
March	21	1059	50	74
April	23	1060	46	68
May	20	733	37	59
June	22	862	39	57
July (schools closed)	...	...	...	...
August	25	759	30	49
September	24	1204	50	80
October	24	1331	55	82
November	26	1746	67	101
December	21	1092	52	80
Totals	254	11,946	47	101

Particulars regarding the attendance of Individual Children at the Treatment Clinics.

Number of Individual Children.	Boys.	Girls.	Total.
Attending at beginning of 1937	39	13	52
Commenced and completed treatment in 1937	550	390	940
Attending at end of 1937	37	18	55
Number of Individual Children treated ...	626	421	1047

TUBERCULOSIS.

During the year 21 children of school age were notified as suffering from tuberculosis, 12 by the Assistant School Medical Officers and 9 by medical practitioners, as follows:—

Localisation.	Males.	Females.	Total.
Lungs	1	4	5
Bones and Joints	1	1	2
Abdomen	2	..	2
Glands	6	6	12
Totals	10	11	21

Notification of Tuberculosis, 1937.

Ages	5—10	10—15	Total Notifica- tions.
Pulmonary—			
Males ... ..	...	1	1
Females	3	1	4
Non-pulmonary—			
Males	5	4	9
Females	3	4	7
Totals	11	10	21

66 children of school age, viz., 34 boys and 32 girls, were referred as new cases to the Tuberculosis Officer during 1937; 12 of these were notified cases, 26 were suspects, and 28 were contacts. Of the notified cases, the diagnosis was not confirmed in the case of a boy notified as suffering from pulmonary tuberculosis. Of the 11 other notified cases, 10 were found to be suffering from non-pulmonary tuberculosis, and in one instance the diagnosis of non-pulmonary tuberculosis was not confirmed.

Of the others, 5 suffered from pulmonary tuberculosis, 6 from non-pulmonary tuberculosis, and 43 were free from evidence of the disease.

The number of new cases among school children added to the Tuberculosis Dispensary Register was therefore 21, *i.e.*, 5 pulmonary and 16 non-pulmonary. The pulmonary cases were 1 boy and 4 girls, while of the non-pulmonary cases 9 were boys and 7 were girls.

The total number of attendances made by school children to the Dispensary during the year was 245, a considerable increase over the figure for 1936.

The following table shows the amount of Institutional Treatment given:—

	Blencathra	City Gen. Hospital	Oswestry	Total
In Institution, 1st Jan. ...	2	1	3	6
Admitted during year ...	3	8	2	13
Discharged during year...	3	7	3	13
In Institution, 31st Dec....	2	2	2	6
Average stay of patients discharged during year (days)	346	85	194	—

Certain cases sent for residential treatment to Oswestry in connection with the Orthopædic Clinic are dealt with under the Tuberculosis Scheme of the Local Authority, and are shown in the appropriate Section of Table III.

VISION.

During the year the total number of cases examined for defective eyesight was 65 less than in 1936. 111 were examined for the first time, viz., 46 boys and 65 girls, while the remaining 70 cases, 35 boys and 35 girls, were re-examinations.

Table showing Refractive Errors from which Children suffered.

Defect.		Boys.	Girls.	Total.
Hypermetropia	... ..	18	28	46
Simple Hypermetropic Astigmatism		3	4	7
Compound Hypermetropic Astigmatism		36	30	66
Myopia	... ..	19	15	34
Simple Myopic Astigmatism	... ..	—	2	2
Compound Myopic Astigmatism	... ..	3	12	15
Mixed Astigmatism	... ..	1	4	5
No Error	... ..	1	5	6
		<hr/>	<hr/>	<hr/>
		81	100	181
		<hr/>	<hr/>	<hr/>
Squint was present in 40 cases	... ..	19	21	40

Spectacles were found necessary and prescribed in 168 cases, viz., 77 boys and 91 girls. In 67 of these cases the spectacles were provided free by the Education Committee.

40 sessions were devoted to examination of the eyes, the average number attending each session being 4.5.

Clinics were also held on Saturday mornings for the purpose of checking the spectacles procured.

DENTAL INSPECTION AND TREATMENT.

6,810 children were inspected, and it was considered necessary that 3,209 of these should receive early treatment. 70 per cent. accepted and received treatment, which is a slight but gratifying improvement. It should be mentioned, however, that there are 8,660 children on the school rolls, and therefore 1,850 children were not even inspected by the Dental Officer, in addition to the 2,040 who were inspected but refused treatment. This state of affairs cannot be regarded with complacency, but at the same time any increase in the numbers attending for treatment would make it imperative that an additional dental officer be appointed in order to carry out the work satisfactorily. The official recommendation is that staffing requirements should be based on a ratio of 4,000 children per dentist, whereas the ratio in Carlisle is 8,660 per dentist. In addition, the raising of the school leaving age shortly, will doubtless increase the total on the rolls, and may render further consideration of the problem imperative in the near future.

802 permanent teeth, and 3,469 temporary teeth have been extracted under a general anæsthetic. The loss of the temporary teeth leads to overcrowding and irregularity of the permanent dentition, and consequent sacrifice of some of the latter. It would be possible in many cases to save at least the more important temporary teeth, provided that treatment was given sufficiently early and the necessary additional time were available. It is necessary again to stress particularly the importance of improvements in the diet and habits of pregnant and lactating women, and also of the children, as outlined in last year's report, as it is distressing to observe in the course of inspection of infants dental caries already advanced in so many mouths. Whenever possible the opportunity is taken of pointing out to the parents the desirability of regular inspections, early conservative treatment and attention to oral hygiene. A large number of sessions are spent in carrying out conservative treatment, and this year 1,982 permanent teeth were filled.

The Emergency Sessions continue to serve the purpose of dealing promptly with those children in pain, or requiring immediate consultation for other purposes.

It is gratifying to be able to report that the facilities for orthodontic treatment provided by the Committee

have been utilised, and since April six cases referred to Mr. Wm. Taylor, L.D.S., have been successfully treated. The parents were very appreciative, and contributed willingly according to their means. Thus, children who would have otherwise remained permanently with an unsightly irregularity or faulty occlusion, have had the matter rectified at an age when this is possible.

The amount received from the parents of school children in respect of dental treatment at the Clinic during the year was £97 10s. 0d.

CRIPPLING DEFECTS AND ORTHOPÆDICS.

I am indebted to the Cripples' Clinic Committee for the following information relating to their activities in 1937:—

At the beginning of the year there were 133 cases on the register. 37 new cases have been added, and 22 cases which had completed their treatment have been deleted, leaving 148 still on the register. The following are the conditions for which the new cases were treated:—

Poliomyelitis	...	...	...	2
Posturals	...	...	...	19
Miscellaneous	...	...	...	16

and the following is the classification of the 148 cases still on the register:—

Rickets	...	...	...	7
Poliomyelitis	...	...	...	17
T.B. Joints	...	...	...	15
Posturals	...	...	...	45
Congenital Deformities	...	...	...	11
Erb's Palsy	...	...	...	6
Spastic	...	...	...	6
Miscellaneous	...	...	...	41

2,354 attendances were recorded at the Clinic, and 389 visits were paid by the Orthopædic Nurse to the homes of the children. 23 splints were provided, 13 plasters were put on, and 200 ultra-violet ray treatments given. 3 cases received institutional treatment at Oswestry, involving 55 weeks' in-patient maintenance.

Mr. Andrew J. Caird, M.B., Ch.B., F.R.C.S. (Edin.), continues to direct the treatment, and Miss Cherry is responsible for massage, splinting, plaster, and remedial exercises.

OPEN-AIR SCHOOL FOR DELICATE CHILDREN.

At the beginning of the year 97 children were in attendance and 45 were admitted during the year, giving a total of 142 children dealt with. 51 children left during the year, leaving 91 still in attendance at the close of the year. The average length of stay of the pupils was 1 year 6 months, while the longest period of attendance was 5 years 6 months.

Average gain in weight per child was 7 lbs., and the greatest gain in weight was 23 lbs. The following types of cases were dealt with:—

Tubercular—

Pulmonary	...	...	...	3
Non-Pulmonary	...	...	...	20
Bronchitis and Asthma	...	...	...	29
Malnutrition	...	...	...	10
Anæmia and Debility	...	...	...	45
Chorea	...	...	...	4
Heart Disease	...	...	...	11
Poliomyelitis	...	...	...	1
Rheumatism	...	...	...	1
Myopia and Partial Blindness	...	...	...	7
Pretubercular	...	...	...	7
Rickets	...	...	...	1
Infantile Paralysis	...	...	...	1
Hemiplegia	...	...	...	1
Club Foot	...	...	...	1

The following table shows the attendances at the Open-Air School during 1937.

Quarter.	No. of times open.	Total Attendances.	Average Attendance.	Average No. on Roll.	Percentage Attendance.
First ...	114	8801	77·2	100·17	77·13
Second ...	104	8947	86·03	100·58	85·57
Third ...	78	6622	84·9	97·63	86·95
Fourth ...	117	9731	83·17	97·17	84·85
Year ...	413	34101	82·57	99·0	83·27

The parents contributed £190 16s. 5d. towards the cost of food, as against £223 7s. 0d. in the previous year.

33 parents paid 2/6 weekly.

4 parents paid 2/- weekly.

119 parents paid 1/6 weekly.

33 parents paid 1/- weekly.

8 parents paid 6d. weekly.

45 parents were excused payment altogether.

The total average cost per child per day was 7.4d., and towards this the parents' contribution amounted to 2.7d., leaving a balance of 4.7d. to be provided by the Education Rate. The average costs per child per day for the various items in the accompanying statement were as follows:—Food, 4.9d.; drugs, etc., 0.1d.; 'bus fares, 0.7d.; cooking and incidental charges, 1.7d.

EXPENDITURE.				INCOME.			
Milk	...	...	£171 12 5	Parents' Contributions	£189	4	11
Bread and Vegetables			40 2 3	Balance carried down	153	15	11
Groceries	...		55 1 1				
Meat, Fish, etc.	...		76 5 1				
			<hr/> £343 0 10				<hr/> £343 0 10
Balance brought down	£153	15	11	Amount received from			
Breakages & Renewals	7	12	3	Elementary Educa-			
Cooking	...	...	91 10 0	tion Rate	...	£337	3 8
Gas and Paraffin	...		22 5 9				
Drugs, etc.	...		10 4 7				
'Bus Fares	...		51 15 2				
			<hr/> £337 3 8				<hr/> £337 3 8

During the summer vacation 17 scholars had a holiday provided by the Council of Social Service at the Silloth Convalescent Home.

SCHOOL BATHS.

The arrangements for the teaching and practice of swimming remain the same as in previous years, and the names of any children whom the Assistant School Medical Officers consider unfit for swimming are notified to the teachers concerned.

FEEDING OF NECESSITOUS CHILDREN.

Month	Number of Meals Provided			Number of Individual Children Fed		
	Dinner	Milk	Total	Dinner	Milk	Total
January	299	7124	7423	20	326	331
February	390	8189	8579	25	341	343
March	423	8670	9093	30	358	361
April	571	9132	9703	30	342	343
May	397	8489	8886	33	349	350
June	555	8223	8778	33	358	360
July	19	3521	3540	1	138	138
August	601	9244	9845	34	355	357
September	551	7693	8244	36	344	347
October	617	8812	9429	36	340	341
November	622	8877	9499	34	358	361
December	534	7821	8355	36	374	378
Totals	5579	95795	101374	40	396	402

Arrangements are in operation whereby all children in receipt of free meals and/or milk are weighed and measured at the commencement of the period, and at intervals of not more than six months, at the School Clinic.

The number of examinations made in order to ascertain whether or not children were unable by reason of lack of food to take full advantage of the education provided was 561.

MILK IN SCHOOLS SCHEME.

Grade "A" Tuberculin-tested milk has been available at the price of $\frac{1}{2}$ d. per one-third pint. The average number of children availing themselves of the scheme has been 3,983, which is 244 more than in the previous year.

CO-OPERATION OF PARENTS.

The number of parents present at the "Routine" medical inspection was 1930, a decrease in numbers of 38 as compared with the figure for 1936, when the group numbers were higher. At the inspection of "Entrants," 87.9 per cent. of parents were present (0.5 per cent. less than in 1936); at the "Intermediates" inspection, 75.4 per cent. (2.1 per cent. more than in 1936); and at the inspection of "Leavers," 50.1 per cent. (3.1 per cent. more than in 1936).

The percentage of the parents present at the "Routine" inspection as a whole was 70.6 (0.8 per cent. more than in 1936). The number of parents accompanying the children at "Special" examinations was 827 or 20 less than in 1936, being 33.9 per cent. of the total number of "Special" examinations (5.1 per cent. less than in 1936).

CO-OPERATION OF TEACHERS.

MEDICAL INSPECTION.

Teachers assist in seeing that the medical inspection is completed with the utmost possible rapidity and comfort. To them is largely due the credit for the satisfactory percentage of parents present at all group inspections. A good deal of routine clerical work in the matter of keeping registers up to date and filling in certain details on the cards also falls on the teachers.

FOLLOWING UP.

Acknowledgments are tendered for their interest and assistance in this connection.

MEDICAL TREATMENT.

The majority of the children seen and treated at the School Clinic for "Special" cases are those sent by the teachers, who keep a watchful eye for the beginning of disease.

CO-OPERATION OF SCHOOL ATTENDANCE OFFICERS.

The absence of children is reported to the School Attendance Officers, who make enquiries in order to ascertain the cause and whether medical attention is required and provided. Cases of non-notifiable infectious disease coming to their notice are reported to the Medical Officer of Health.

CO-OPERATION OF VOLUNTARY BODIES.

CARLISLE COUNCIL OF SOCIAL SERVICE.

The Carlisle Council of Social Service enabled 44 children to enjoy a holiday at the Silloth Convalescent Home during the year.

Outfits of clothing were supplied by this agency to 264 children; in 47 instances clogs and shoes were supplied; in 21 instances railway fares were given; and in 135 instances assistance in kind was rendered.

NATIONAL SOCIETY FOR THE PREVENTION OF CRUELTY TO CHILDREN.

The Local Officer of the National Society for the Prevention of Cruelty to Children afforded help in the following cases referred to him:—

Cases recorded	...	...	...	24
Homes visited	...	...	...	24
Subsequent visits	...	...	...	114

JOHN ROBINSON-HARRISON MEMORIAL FRESH-AIR FORTNIGHT HOME.

The John Robinson-Harrison Memorial Fresh-air Fortnight Home, Allonby, which was open ten months in the year, provided 59 children with a fortnight's holiday there, and acknowledgments are tendered to the members of the Carlisle Rotary Club for the conveyance of the children to and from Allonby.

MAYOR'S WELFARE COMMITTEE.

A Holiday Camp at Southernness under the scheme for the amelioration of the conditions of the unemployed was attended by 111 children, viz., 58 boys and 53 girls, all of whom were examined and certified fit for camp life by members of the staff of the School Medical Service.

CUMBERLAND, WESTMORLAND, AND CARLISLE VOLUNTARY
MENTAL WELFARE ASSOCIATION.

I am indebted to Miss M. Mocclair, B.A. (Barrister-at-Law), Organising Secretary of the Cumberland, Westmorland, and Carlisle Voluntary Mental Welfare Association, for the following report on the activities of the Association in the City.

There are now 49 children, as compared with 47 children last year, between the ages of 7 and 16, known to the Association.

New Cases.

During the past year 12 new cases have been referred to the Association by the Carlisle Education Authority and 3 between the ages of 7 and 16 by other sources, bringing the total number of Education Cases on the register up to 49. Of the 12 cases referred by the Education Authority, 1 has been certified under the Mental Deficiency Acts and placed in Milnthorpe Institution, and another has been admitted to the Royal Albert Institution as an Election Case. 1 boy is attending the Centre regularly, and another attended the Centre for a time, but he is very useful on his father's farm so now stays at home to help him. The remaining 8 children are at home but one of them will attend the Centre if arrangements can be made for transport.

Referred by Other Sources.

One of the three children referred by other sources will probably start attending the Centre later.

Problem Cases.

The other two children referred by private sources are problem cases. An interview was arranged for the parents of one of the boys with the Medical Officer of Health, and as a result he was sent to Jordanburn Psychological Clinic for examination. A report has been made giving certain advice as to the boy's future, and discussions are at the present moment going on as to the disposal of this case. The other boy, referred by Miss Lamb, had a special examination and was referred for further investigation at Jordanburn Psychological Clinic, and he is there at present.

Institutions and Special Schools.

There are now 13 children in Institutions and all are reported to be doing well. Another child was dealt with under the Mental Deficiency Acts and sent to an Institution in Liverpool where there is a Special School and she has made marked progress in less than a year.

After Care (14—16).

There are 9 children in this group. These cases are visited periodically. Just two of the cases in this group have obtained employment. Two Managing Directors of Works in Carlisle were interviewed with a view to employing another boy, but although they were very sympathetic about the case they could not fit him in anywhere. He has now gone to live in London with friends.

Work was obtained for one boy in a garden outside Carlisle, but he only stayed for one day—this is an example of the difficulties which arise in dealing with some of these children.

Occupation Centre.

There are now 11 children on the register of the Occupation Centre. They all enjoy coming to the Centre very much and learn to make many useful things. They are taught handicrafts and have drill and a percussion band, etc.

BLIND, DEAF, DEFECTIVE, AND EPILEPTIC CHILDREN.

Apart from the Open-Air School there are no certified schools or classes for exceptional children locally.

2 children attend certified schools for the blind, and 6 children attend certified schools for the deaf and dumb.

11 partially blind children and 1 partially deaf child were in attendance at the public elementary schools. There are no special classes for dull or backward children. 13 high-grade feeble-minded children attend the public elementary schools and 8 do not attend school.

1 feeble-minded child is at a certified school for the mentally defective.

EMPLOYMENT OF CHILDREN AND YOUNG PERSONS.

No child was referred for certification of fitness for employment under the byelaws in respect of employment of children and street trading.

SECONDARY SCHOOLS.

The number of children medically inspected in "Routine" age groups at the two secondary schools is indicated in the accompanying table.

In addition, 66 girls at the High School and 60 boys at the Grammar School, who had previously been found defective, were re-examined, making a total of 462 children inspected. In each school there was also a survey of all children over the age of 12 years.

Age	under 9	9	10 & 11	12	13 & 14	15	Over 15	Total.
High School ...	16	3	42	11	53	41	3	169
Grammar School ...	5	9	51	11	44	42	5	167
Totals ...	21	12	93	22	97	83	8	336

At the High School 30.2 per cent. of those examined were referred for treatment, 32.0 per cent. were noted for observation, and 37.8 per cent. were apparently healthy. The number of defects referred for treatment was 22 more than in 1936, 17 of these being accounted for by dental defects. 4 more cases of enlarged tonsils were referred for treatment than in 1936, and 2 more cases of visual defects were referred for treatment. Only one case of anæmia as compared with 2 last year was referred for treatment. One case of external eye disease was referred for treatment.

At the Grammar School 26.4 per cent. were referred for treatment, 31.7 per cent. were noted for observation, and 41.9 per cent. were apparently healthy. The number referred for treatment was 8 more than in 1936. 11 more cases of dental defects and 1 more case of visual defects were referred for treatment as compared with 1936, while the number of cases of enlarged tonsils requiring treatment was 3 less than in 1936.

**Return of Defects found in the course of Medical
Inspection at the Carlisle and County High School
for Girls in 1937.**

Defect or Disease.	Group 1 Under 9.		Group 2. 9 to 12		Group 3. 12 to 15		Group 4. Leavers 15 & over		Total.	
	Referred for Treatment.	Referred for Observation.	Referred for Treatment.	Referred for Observation.	Referred for Treatment.	Referred for Observation.	Referred for Treatment.	Referred for Observation.	Referred for Treatment.	Referred for Observation.
Dental Disease ...	1	5	4	8	13	2	20	...	38	15
Defective Vision	1	1	6	6	16	2	14	9	37
Enlarged Tonsils	2	2	3	5	7	...	3	7	15
Heart & Circulation—										
Heart Disease—										
Functional	2	...	...	...	2	...	4
Organic	1	...	1	...	1	...	3
Anæmia	1	1	...	4	...	...	1	5
Deformities	2	...	...	...	1	...	...	...	3
Boil on Arm	1	...	1
Psoriasis	1	...	...	...	1
Ichthyosis	1	...	1	...	2
Blepharitis and Conjunctivitis	1	...	...	2	...	1	1	3
Enlarged Glands	1	...	...	...	...	...	1
Squint	1	...	...	...	1
Totals ...	1	10	9	22	24	36	22	23	56	91

Classification of Individual Children Examined.

	No Defect.	Observation.	Treatment.	Total.
Group 1 ...	8	7	1	16
„ 2 ...	21	15	9	45
„ 3 ...	23	21	20	64
„ 4 ...	12	11	21	44
Totals ...	64	54	51	169

Return of Defects found in the course of Medical
Inspection at the Carlisle Grammar School for
Boys in 1937.

Defect or Disease.	Group 1. Under 9		Group 2. 9 to 12		Group 3. 12 to 15		Group 4. Leavers 15 & over		Total	
	Referred for Treatment.	Referred for Observation.	Referred for Treatment.	Referred for Observation.	Referred for Treatment.	Referred for Observation.	Referred for Treatment.	Referred for Observation.	Referred for Treatment.	Referred for Observation.
Dental Disease ...	...	...	9	7	12	4	14	7	35	18
Defective Vision ...	1	...	1	7	2	4	3	7	7	18
Enlarged Tonsils ..	1	1	...	1	...	2	1	3	2	7
Heart and Circulation:—										
Heart Disease:—										
Functional ...	...	...	...	...	...	1	...	...	...	1
Organic ...	...	...	...	...	...	...	...	1	...	1
Lungs—										
Bronchitis ...	...	...	...	1	...	...	...	...	...	1
Asthma ...	...	...	...	...	...	...	...	1	...	1
Wax in Ears ...	...	...	1	3	...	2	1	...	2	5
Enlarged Glands ...	...	1	...	2	...	2	...	...	...	5
Deformities ...	...	...	...	1	...	2	...	1	...	4
Squint ...	...	...	...	1	...	...	...	...	...	1
Blepharitis ...	...	...	...	1	...	...	...	...	...	1
Skin Diseases ...	...	...	...	...	...	...	...	5	...	5
Defective Speech ...	...	...	...	1	...	...	...	...	...	1
Totals ...	2	2	11	25	14	17	19	25	46	69

Classification of Individual Children Examined.

	No defect.	Observation.	Treatment.	Total.
Group 1 ...	2	1	2	5
" 2 ...	31	19	10	60
" 3 ...	25	16	14	55
" 4 ...	12	17	18	47
Totals ...	70	53	44	167

EXAMINATION OF TEACHERS.

19 candidates for appointment as teachers, etc., were examined, and reported to the Education Committee as follows:—

Class of Candidate.	No. Examined.	No. in which no defect was observed	Recommended subject to obtaining treatment for Defective Vision.	Recommended subject to obtaining treatment for Defective Teeth.	Not Recommended
Head Master ...	1	1	...	...	...
Head Mistress ...	1	1	...	...	...
Assistant Masters ...	3	3	...	...	...
Assistant Mistresses ...	13	13	...	..	...
Domestic Science Mistress ...	1	1	...	...	...
Totals ...	19	19	...	...	...

DEATHS OCCURRING IN SCHOOL CHILDREN.

Accidents ...	4
Diphtheria ...	1
Pulmonary Tuberculosis ...	1
Tuberculous Meningitis ...	1
Tuberculous Hip Joint ...	1
Tuberculous Spine ...	1
Diabetes Mellitus ...	1
Appendicitis ...	1

—
11
—

**MEDICAL INSPECTION RETURNS REQUIRED
BY THE BOARD OF EDUCATION.**

TABLE I.

A.—ROUTINE MEDICAL INSPECTIONS.

Number of Inspections in the prescribed Groups—

Entrants	...	...	...	...	867
Second Age Group	...	...	...	...	925
Third Age Group	...	...	...	...	941
Total					2733

Number of other Routine Inspections ... Nil

B.—OTHER INSPECTIONS.

Number of Special Inspections	...	...	2436
Number of Re-inspections	...	...	5858
Total			8294

**C.—CHILDREN FOUND TO REQUIRE TREATMENT
(EXCLUDING DEFECTS OF NUTRITION, UN-
CLEANLINESS, AND DENTAL DISEASES).**

Group.	For defective vision (exclud- ing squint).				For all other conditions re- corded in Table IIa.		Total.
Entrants	7	...	149	...	156
Second Age Group	34	...	91	...	118
Third Age Group	43	...	87	...	122
Total (Prescribed Groups)	84	...	327	...	396
Other Routine Inspections	Nil	...	Nil	...	Nil
Grand Total	84	...	327	...	396

TABLE II.

A.—Return of Defects found by Medical Inspection in the Year ended 31st December, 1937.

Defect or Disease.				Routine Inspections.		Special Inspections.	
				No. of Defects.		No. of Defects.	
				Requiring treatment.	Requiring to be kept under observation, but not requiring treatment	Requiring treatment	Requiring to be kept under observation, but not requiring treatment.
Skin	Ringworm :						
	Scalp	...	...	...	...	5	...
	Body	...	...	..	...	23	...
	Scabies	...	...	4	2	82	...
	Impetigo	...	...	8	11	240	...
	Other Diseases (non-Tuberculous)			1	30	83	1
Eye	Blepharitis			...	2	32	...
	Conjunctivitis			...	...	34	...
	Keratitis			...	2	1	...
	Corneal Opacities			...	1	13	...
	Other Conditions (excluding Defective Vision and Squint)			...	2	17	1
	Defective Vision (excluding Squint)			84	275	38	51
	Squint			...	19	1	...
Ear	Defective Hearing			...	5	1	...
	Otitis Media			...	9	50	...
	Other Ear Diseases			...	4	24	2
Nose and Throat	Chronic Tonsillitis only			...	389	125	18
	Adenoids only			...	8	...	2
	Chronic Tonsillitis & Adenoids			...	8	4	1
	Other Conditions			...	17	19	1
Enlarged Cervical Glands (non-Tuberculous)				1	21	5	8
Defective Speech				...	3	1	...
Heart and Circulation	Heart Disease :						
	Organic	...	...	...	26	2	1
	Functional	...	...	...	28	...	1
	Anæmia	...	...	1	9	1	...
Lungs	Bronchitis			1	44	3	4
	Other Non-Tuberculous Diseases			...	10	...	...

Table II (continued) :—

Defect or Disease.				Routine Inspections.		Special Inspections.	
				No. of Defects.		No. of Defects.	
				Requiring treatment.	Requiring to be kept under observation, but not requiring treatment.	Requiring treatment.	Requiring to be kept under observation, but not requiring treatment.
Tuber- culosis	{	Pulmonary :					
		Definite ... ..	...	1	5	...
		Suspected	1	7	4	13	
		Non-Pulmonary:					
		Glands	1	8	13	...	
		Bones and Joints ... ..	...	1	1	...
Nervous System	{	Skin ... ..	...	...	...	...
		Other Forms ... ..	...	...	2	...
		Epilepsy ... ..	...	1	...	3
		Chorea ... ..	...	4	5	1
Defor- mities	{	Other Conditions ... ..	...	4	...	1
		Rickets ... ..	...	14	...	...
		Spinal Curvature	1	19	...	...
Other Defects and Diseases (excluding Defects of Nutrition, Uncleanliness and Dental Diseases)	{	Other Forms ... ..	...	32	9	...
			8	69	861	7	
Total				421	1085	1704	116

B.—Classification of the Nutrition of Children Inspected during the Year in the Routine Age Groups.

Age Groups.	Number of Children Inspected.	A (Excellent)		B (Normal)		C (Slightly subnormal)		D (Bad)	
		No.	%	No.	%	No.	%	No.	%
Entrants ...	867	209	24.1	519	59.9	137	15.8	2	0.2
Second Age Group	925	210	22.7	579	62.6	135	14.6	1	0.1
Third Age Group ...	941	312	33.2	511	54.3	112	11.9	6	0.6
Other Routine Inspections ...	Nil.	...	...	...	..	...	...	...	...
Total ...	2733	731	26.7	1609	58.9	384	14.1	9	0.3

TABLE III.

Return of all Exceptional Children in the Area.

Blind Children.

At Certified Schools for the Blind.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
2	2

Partially Sighted Children.

At Certified Schools for the Blind.	At Certified Schools for the Partially Sighted.	At Public Elementary Schools.	At other In- stitutions.	At no School or In- stitution.	Total.
...	*5	6	...	..	11

Deaf Children.

At Certified Schools for the Deaf.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
6	6

Partially Deaf Children.

At Certified Schools for the Deaf.	At Certified Schools for the Partially Deaf.	At Public Elementary Schools.	At other In- stitutions.	At no School or In- stitution.	Total.
...	...	1	...	...	1

* Certified Day Open-Air School.

TABLE III.—*continued.*
Mentally Defective Children.
FEEBLE-MINDED CHILDREN.

At Certified Schools for Mentally Defective Children.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
1	13	...	8	22

Epileptic Children.
CHILDREN SUFFERING FROM SEVERE EPILEPSY.

At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
...	1	1

Physically Defective Children.

A.—Tuberculous Children.

**I.—CHILDREN SUFFERING FROM PULMONARY
TUBERCULOSIS.**

At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
*3	3	1	...	7

**II.—CHILDREN SUFFERING FROM NON-PULMONARY
TUBERCULOSIS.**

At Certified Special Schools.	At Public Elementary Schools	At other Institutions.	At no School or Institution.	Total.
* 13	20	5	1	39

* Certified Day Open-Air School.

TABLE III.—*continued.*
Physically Defective Children.

B.—Delicate Children.

At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
*59	30	...	1	90

C.—Crippled Children.

At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
*4	36	...	5	45

D.—Children with Heart Disease.

At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
*8	23	...	1	32

Children suffering from Multiple Defects.
Combination of Defect.

FEEBLE-MINDED AND CRIPPLING.

At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
...	1	...	...	1

* Certified Day Open-Air School.

TABLE IV.—Return of Defects treated during the year ended 31st December, 1937.

TREATMENT TABLES.

Group I.—Minor Ailments.

Defect or Disease.	Number of Defects treated, or under treatment during the year.		
	Under the Authority's Scheme.	Otherwise.	Total.
Skin:—			
Ringworm (Scalp)—			
(i) X-Ray Treatment ...	...	...	...
(ii) Other Treatment ...	5	...	5
Ringworm (Body) ...	17	1	18
Scabies ...	...	84	84
Impetigo ...	236	9	245
Other skin disease ...	97	15	112
Minor Eye Defects ...	94	10	104
Minor Ear Defects ...	109	17	126
Miscellaneous ...	582	63	645
Total ...	1140	199	1339

Group II.—Defective Vision and Squint.

Defect or Disease.	Number of Defects dealt with.			No. of children for whom spectacles were			
	Under the Authority's Scheme.	Other-wise.	Total.	Prescribed (1)		Obtained (2)	
				(i) Under the Authority's Scheme	(ii) Other-wise	(i) Under the Authority's Scheme	(ii) Other-wise
Errors of Refraction (including Squint)	181	33	214	168	33	151	30
Other Defect or Disease of the Eyes ...	..	...	...	...	...	...	...
Total ..	181	33	214	168	33	151	30

TABLE IV.—*continued.*

Group III.—Treatment of Defects of Nose and Throat.

Number of Defects.															
Received Operative Treatment.								Received other Forms of Treatment.		Total Number Treated.					
Under the Authority's Scheme, in Clinic or Hospital.				By Private Practitioner or Hospital, apart from the Authority's Scheme.								Total.			
Tonsils and Adenoids				Tonsils and Adenoids								Tonsils and Adenoids			
(i)	(ii)	(iii)	(iv)	(i)	(ii)	(iii)	(iv)	(i)	(ii)	(iii)	(iv)				
...	...	237	10	...	...	18	...	...	...	255	10
								6		271					

(i) Tonsils only. (ii) Adenoids only. (iii) Tonsils and adenoids.

(iv) Other defects of the nose and throat.

Group IV.—Orthopædic and Postural Defects.

	Under the Authority's Scheme (1)			Otherwise (2)			Total number treated
	Residen- tial treatment with education	Residen- tial treatment without education	Non-resi- dential treatment at an ortho- pædic clinic	Residen- tial treatment with education	Residen- tial treatment without education	Non-resi- dential treatment at an ortho- pædic clinic	
Number of children treated	*8	1	169	170

*These children also received non-residential treatment at an Orthopædic Clinic.

TABLE V.

Dental Inspection and Treatment.

(1) Number of children inspected by the Dentist—

		Age.		
Routine Age Groups	{	5	...	491
		6	...	782
		7	...	821
		8	...	751
		9	...	784
		10	...	676
		11	...	734
		12	...	518
		13	...	531
		14	...	329
				<hr/> 6417
Specials	...	...	...	393
				<hr/>
Total				6810
				<hr/>
(2) Number found to require treatment				3209
(3) Number actually treated				2259
(4) Attendances made by children for treatment...				3283
(5) Half-days devoted to:—				
Inspection	...	...	...	70
Treatment	...	...	...	344
				<hr/> 414

These figures include 188 children who made 260 attendances as emergencies for treatment at 80 extended sessions, *i.e.*, after the completion of the normal work of half-days devoted to treatment.

In addition to these inspections 66 children attending the H. K. Campbell Open-Air School were re-inspected during the year, of whom 28 were found to require treatment.

TABLE V.—*continued.*

(6) Fillings:—				
Permanent Teeth	...	...	1982	
Temporary Teeth	...	...	Nil.	
			—	1982
(7) Extractions:—				
Permanent Teeth	...	...	802	
Temporary Teeth	...	...	3469	
			—	4271
(8) Administrations of general anæsthetics for				
extractions	...	...	...	1594
(9) Other Operations:—				
Permanent Teeth	...	...	69	
Temporary Teeth	...	...	Nil.	
			—	69

TABLE VI.

Uncleanliness and Verminous Conditions.

(1) Average number of visits per school made during the year by the School Nurses ...				12
(2) Total number of examinations of children in the Schools by School Nurses ...				29150
(3) Number of individual children found unclean				1165
(4) Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921 ...				Nil.
(5) Number of cases in which legal proceedings were taken:—				
(a) Under the Education Act, 1921 ...				Nil.
(b) Under School Attendance Byelaws...				2



