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County Borough.**

Contributors

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COUNTY BOROUGH OF BARROW-IN-FURNESS.

Annual Report

of the

Principal School Medical Officer

JAMES MACLACHLAN,
M.B., Ch.B., D.P.H.

1953.



REPORT OF THE PRINCIPAL SCHOOL MEDICAL OFFICER

FOR THE

YEAR ENDED 31st DECEMBER, 1933.

TO THE CHAIRMAN AND MEMBERS OF THE EDUCATION
COMMITTEE OF THE COUNTY BOROUGH OF

CONTENTS.

Ladies and Gentlemen,

I have pleasure in presenting to you the Report on the work of the
School Medical Service for the year 1933.

The Report is divided into nine sections, which I have arranged in the following order:

- Section 1. Co-ordination.
- Section 2. Medical Inspection.
- Section 3. Arrangements for Treatment.
- Section 4. Work of the School Nurses.
- Section 5. Infectious Diseases.
- Section 6. Handicapped Pupils.
- Section 7. School Dental Service.
- Section 8. Miscellaneous.
- Section 9. Statistical Tables.

I have pleasure in presenting to you the Report on the work of the
School Medical Service for the year 1933.

I wish to express my thanks to members of the Children and Young
Persons Welfare Sub-Committee for their enthusiastic support and I must
record my appreciation of the willing help afforded by the Chief Education
Officer and his staff. Also, I am indebted to the staff of my Department
for their excellent service during the year.

I am, Ladies and Gentlemen,

Yours sincerely,

JAMES MACLACHLAN,

Medical Officer of Health and
Principal School Medical Officer.

CONTENTS.

Section 1. General Introduction.	1
Section 2. Theoretical Foundations.	15
Section 3. Experimental Methods.	35
Section 4. Results of the Experiments.	55
Section 5. Discussion of Results.	75
Section 6. Conclusions.	95
Section 7. Bibliography.	115
Section 8. Appendix.	135

REPORT OF THE PRINCIPAL SCHOOL MEDICAL OFFICER

FOR THE

YEAR ENDED 31st DECEMBER, 1953.

TO THE CHAIRMAN AND MEMBERS OF THE EDUCATION
COMMITTEE OF THE COUNTY BOROUGH OF
BARROW-IN-FURNESS.

Ladies and Gentlemen,

I have pleasure in presenting the Annual Report on the work of the School Health Service for the year 1953.

The health of the children was satisfactory throughout the year and their good general physique was maintained.

There are three matters to which I shall refer. Firstly, we were most fortunate in obtaining the full time services of a Speech Therapist. In order to assess accurately the extent of the problem of speech defects a survey was conducted of all the school children in the Borough, some 11,400. It was found that 2% required treatment and 2% observation and a start was made in tackling this work.

Secondly, the School Health Service and Handicapped Pupils Regulations, 1953, permitted experiments in various methods of conducting medical inspections of school children. Since the existing arrangements for medical inspections were more than satisfactory, no change was made.

Thirdly, because the prevention of dental defects among school children in Barrow was totally inadequate it was decided to increase by one the School Dental Establishment and consideration was given to the creation of an additional dental surgery.

I wish to express my thanks to members of the Children and Young Persons Welfare Sub-Committee for their enthusiastic support and I must record my appreciation of the willing help afforded by the Chief Education Officer and his staff. As always, I am indebted to the staff of my Department for their excellent service during the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

JAMES MACLACHLAN,

Medical Officer of Health and
Principal School Medical Officer.

MEDICAL, DENTAL AND NURSING STAFFS.

Principal School Medical Officer : JAMES MACLACHLAN, M.B., CH.B., D.P.H.

School Medical Officers : DOROTHY G. STEWART, M.B., CH.B.

MAUDE W. SMITH, M.D.

ROBERT A. H. MORISON, M.B., CH.B.

Principal School Dental Officer : ARTHUR FIELDING, L.D.S.

Dental Officer : WINIFRED G. SIVEWRIGHT, L.D.S.

School Nurses : NURSE L. JACKSON, S.R.N. (Temp.).

NURSE N. MCFARLANE, S.R.N., S.R.F.N.,
S.C.M., (H.V. CERT.).

NURSE A. QUINN, S.R.N., (H.V. CERT.).

NURSE S. SCOTT, S.R.N., S.C.M. (H.V. Cert.).

Speech Therapist : MISS M. HALL, L.C.S.T. (Appointed 1/9/53).

Ophthalmic Surgeon (part-time) : HERBERT C. KODILINYE, M.B., CH.B.
D.O.(OXON), D.O.M.S.(ENG.).

SCHOOL PROVISION.

Average number of children on the school register :—11,458.

COUNTY SECONDARY SCHOOLS—

Grammar School for Boys.

Grammar School for Girls.

Technical School for Boys.

Holker.

Victoria.

Walney.

Risedale.

Alfred Barrow Boys.

Alfred Barrow Girls.

VOLUNTARY SECONDARY SCHOOLS—

Our Lady's R.C.

St. Aloysius' R.C.

COUNTY PRIMARY SCHOOLS—

Barrow Island Infants.
 Barrow Island Junior.
 St. James's Infants.
 Abbotsmead Infants.
 Abbotsmead Junior.
 Ormsgill Infants.
 Ormsgill Junior.
 Victoria Junior.
 Greengate Infants.
 Greengate Junior Boys.
 Greengate Junior Girls.
 Roose Primary.
 Ramsden Infants.
 Vickerstown Primary.
 Victoria Infants.
 South Walney Primary.
 South Newbarns Junior
 South Newbarns Infants

VOLUNTARY PRIMARY SCHOOLS—

St. George's C. of E. Primary.
 St. Paul's C. of E. Primary.
 St. James's C. of E. Junior.
 Sacred Heart R.C. Primary and Senior
 St. Columba's R.C. Primary and Senior.
 St. Mary's R.C. Infants.
 St. Mary's R.C. Junior
 St. Patrick's R.C. Primary

OTHER SCHOOLS—

Roa Island Special.
 Bram Longstaffe Nursery.
 Ramsden Special.

INDEPENDENT SCHOOLS—(To whom the facilities afforded by the School Health Service are extended).

Our Lady's Preparatory School.

Average number of children on the school register :—140.

SCHOOL CLINICS.

MINOR AILMENT AND SPECIAL INSPECTION CLINIC.	Arndene, Abbey Rd.	Treatment of defects and diseases of skin, ear, eye, nose and throat, etc. Exam- ination of all cases referred from routine medical inspections, by Head Teachers, Nurses, Attendance Officers, etc., or at parents' request.	9-0—12 noon, Monday to Friday.
OPHTHALMIC CLINIC.	do.	Examination, refrac- tion and treatment of all cases referred from routine inspec- tion and minor ail- ment and special in- spection clinics, by Head Teachers, School Nurses, etc., or at parents' request.	Tuesday and Wednesday, 2-0—5-0 p.m. Thursday, 9-0—12 noon.
IMMUNISATION CLINIC.	Municipal Clinic, Abbey Rd.		3-0 p.m. Tuesday and Thursday
SPEECH CLINIC	do.	Investigation and treatment of all pu- pils with speech dis- orders referred from routine medical in- spection or minor ailment and special inspection clinics.	9-0—12 noon. 1-30—5-0 p.m. Monday to Friday.
DENTAL CLINIC.	do.	Examination and treatment of all cases referred from routine medical and dental inspection, by Nurses, Head Teach- ers, etc., or at par- ents' request.	9-0—12 noon. 2-0—5-0 p.m. Monday to Friday.
ORTHOPÆDIC CLINIC.	do.	Examination of all cases with crippling defects and deforma- ties referred from routine medical in- spection or minor ailment and special inspection clinics.	Every six weeks under arrangements made with the Medical Superinten- dent, Ethel Hedley Hos- pital, Winder- mere.

ULTRA VIOLET RAY CLINIC.	do.	Treatment of all cases of malnutrition, anæmia, etc., referred from routine medical inspection or minor ailment and special inspection clinics.	2-0 p.m. Monday & Thursday.
MASSAGE AND REMEDIAL EXERCISES CLINIC.	do.	Treatment of all cases with postural defects, flat foot, etc., referred from orthopædic clinics, routine medical inspections or minor ailment and special inspection clinics.	2-0 p.m. Tuesday and Friday.
	North Lonsdale Hospital		2-0 p.m. Wednesday.

SECTION 1.

CO-ORDINATION.

The Medical Officer of Health is also Principal School Medical Officer, thus ensuring complete co-ordination of the School Health and General Public Health Services. The Assistant Medical Officers, moreover, have duties in both Services, thus enabling them to gain all round experience and to correlate their various duties.

All School Nurses, with one exception are also Health Visitors, but they work in their respective departments. It has not been possible to completely integrate the two services and thereby give each nurse an area of the Borough where she could be responsible for all children in her area from birth until they leave school. The raising of the school leaving age and the shift of the population due to new housing has imposed a strain on the resources of certain schools, with the result that artificial boundaries of areas for Health Visiting do not coincide with the boundaries of the school population.

The records from the Maternity and Child Welfare Department are transferred to the School Health Service when the child commences school, thereby ensuring a complete record of the child's health from birth until leaving school.

SECTION 2.

MEDICAL INSPECTION.

The School Health Service and Handicapped Pupils Regulations, 1933, which came into effect in August, introduced certain changes in the requirements regarding medical inspection.

Under the 1945 Regulations, 3 general medical inspections were prescribed during a pupil's attendance at school at specified periods in his school career. Additional general medical inspections were permissible with the Minister's approval. By the new Regulations a minimum of 3 medical inspections is prescribed during the period of school life, but it is left to the Authority's discretion when to arrange these and also whether to arrange for additional general inspections. Provision is also made by the new Regulations for the Minister's approval to less than 3 general inspections being conducted during the period of compulsory school age, the provision being included to enable Authorities who wish to do so to experiment with other arrangements not based on periodic medical inspections, e.g. where it is possible for a School Doctor to visit schools regularly (at least two or three times a term) it might be preferable for him to see on each occasion such children as are brought to his attention by parents, teachers, or the school nurse, instead of seeing all the children of a particular age group at infrequent intervals.

It was felt however that within the limitations of the present establishment of Medical Officers and the adequate facilities available for "follow up" at the Special Inspection Clinic, the existing arrangements for periodic medical inspection (which incidentally provide for 3 medical inspections per annum at the Open Air School) were the most satisfactory and the medical inspection of the following classes was accordingly carried out throughout the year.

- (a) "Entrants"—pupils admitted for the first time to a maintained school.
- (b) "Second Age Group"—pupils in the last year of attendance at a maintained Primary School.
- (c) "Third Age Group"—pupils in the last year of attendance at a maintained Secondary School.
- (d) "Other Routine Inspections"—8-year olds, pupils attending the Authority's Nursery, Special (E.S.N.) and Open Air Schools, the examination in accordance with the above age groups of children in attendance at Our Lady's Preparatory School, and the inspection of pupils, other than "leavers" in attendance at the Grammar and Technical Schools whose examination was considered necessary by the School Nurse or Head Teacher.
- (e) "Specials"—pupils examined at the request of Head Teachers, School Nurses, parents, etc., or for ascertainment as Handicapped Pupils.
- (f) "Re-inspections"—Those pupils who at the last routine or special inspection had been marked down for further observation or treatment.

Prior to the medical inspection of the children referred to in classes (a), (b), (c) and (d) above, the School is visited by the School Nurse who weighs and measures the children and tests the vision of the 8-year-olds and upwards. At the actual inspection the Medical Officer is accompanied by the School Nurse, and parents are invited to be present so that instructions can be given regarding any necessary treatment.

OBSERVATIONS ON MEDICAL INSPECTIONS.

No pathological condition or group of conditions was found to be unduly prevalent throughout the year.

NUTRITION.

The classification of the general nutrition of children remains in force as follows :—

- A. Good.
- B. Normal.
- C. Poor.

This form of classification, although useful for purposes of review, is open to differences of opinion on the part of individual Medical Officers and is not of great value for comparative purposes.

STATISTICS RELATING TO NUTRITION.

Tables showing the average height and weight of each age group for the years 1948, 1949, 1950, 1951, 1952 and 1953 are given below.

It can safely be stated that no great change in physique has taken place during the years under review.

Average Height in Inches.

Age Group	GIRLS						Boys					
	1948	1949	1950	1951	1952	1953	1948	1949	1950	1951	1952	1953
4	40.9	40.6	40.3	40.9	41.1	40.9	41.1	41.0	40.4	41.4	41.7	41.0
5	42.3	42.5	42.4	42.3	42.7	42.4	42.7	42.7	42.7	42.8	42.8	42.8
6	43.5	45.1	43.6	44.9	44.2	44.6	43.7	46.0	44.4	44.8	45.1	45.1
7	47.6	47.9	47.4	47.5	47.1	47.4	47.7	47.9	47.8	47.7	47.8	47.8
8	49.1	48.4	48.9	49.0	49.0	49.1	49.7	47.8	49.4	49.1	52.8	49.1
9	51.0	51.4	52.5	53.0	50.3	51.1	51.5	52.9	53.2	52.0	51.5	51.5
10	53.5	54.2	54.0	54.8	53.7	53.8	53.5	55.1	54.7	53.5	53.9	53.7
11	54.8	55.6	54.7	55.1	55.7	55.0	55.0	56.3	55.1	54.7	55.4	55.3
12	56.3	57.4	57.3	57.5	59.4	56.5	57.7	57.3	57.4	57.7	56.7	56.1
13	59.9	59.9	59.7	60.6	59.8	60.3	58.8	59.9	59.8	59.2	59.1	60.2
14	61.0	61.1	61.1	61.0	61.5	61.3	61.9	62.1	62.4	61.9	62.2	63.3
15	63.2	63.6	62.9	63.1	63.5	63.5	65.2	64.8	65.1	65.3	64.8	65.9
16	63.1	65.7	63.7	63.9	64.1	63.6	67.8	67.1	67.2	67.5	67.4	66.8
17	64.5	64.0	68.1	65.0	64.0	63.9	69.1	68.9	69.4	68.1	68.8	69.2

750.2 751.4 756.6 780.6 796.1 793.4 765.4 769.8 769.0 765.7 770.0 767.8

Average Weight in lbs.

Age Group	GIRLS						Boys					
	1948	1949	1950	1951	1952	1953	1948	1949	1950	1951	1952	1953
4	38.2	38.4	38.4	38.6	38.8	37.8	39.4	39.1	39.7	40.3	40.8	39.5
5	40.1	40.8	40.9	40.7	40.4	40.8	41.9	42.1	42.8	42.8	42.1	41.9
6	42.1	42.1	43.1	46.9	41.7	45.5	44.1	46.7	45.7	47.0	46.4	47.4
7	51.3	50.7	51.2	51.6	50.0	51.0	51.9	51.9	52.8	52.5	52.2	52.8
8	54.7	54.5	54.4	55.0	54.8	55.9	58.1	53.9	56.4	56.1	56.2	57.8
9	60.5	64.8	62.2	65.0	61.0	60.4	61.9	64.2	62.6	58.3	60.0	62.8
10	67.9	71.2	70.0	72.2	68.8	69.0	69.8	70.4	71.2	69.3	69.7	70.5
11	74.2	75.8	73.9	74.0	73.4	73.3	72.4	75.4	74.4	73.7	72.1	73.0
12	78.1	85.0	85.0	81.9	91.6	99.6	80.8	80.3	82.4	85.7	79.2	72.7
13	95.9	95.6	94.7	97.7	95.2	97.8	89.6	93.5	95.3	93.6	92.4	95.1
14	104.9	104.8	105.5	106.0	107.0	105.7	102.6	104.0	106.1	103.9	103.4	108.0
15	117.5	117.0	115.0	114.4	118.5	117.2	118.8	114.1	120.7	122.1	116.7	121.1
16	119.3	120.6	120.7	119.1	120.2	123.3	132.1	129.0	131.3	131.9	130.2	128.4
17	128.5	123.8	120.7	128.5	122.1	122.0	141.6	142.9	145.1	138.0	145.3	144.3

SECTION 3.

ARRANGEMENTS FOR TREATMENT.

MINOR AILMENTS CLINIC AND SPECIAL INSPECTION.

A Daily clinic has continued to be held at Arndene. It is staffed by a School Medical Officer, two School Nurses and one Cleanser, together with a clerical assistant. The Medical Officer in addition to supervising the treatment of minor ailments carries out special examinations of cases referred from routine medical inspection or referred by Head Teachers or at the parents' request. All these cases classified as follows are given an appointment.

- Group 1. Minor Ailment Cases.
- Group 2. Cases referred by Head Teachers or at request of parents.
- Group 3. Those children who were absent at routine medical inspection.
- Group 4. Those children who have been referred from routine medical inspection for some specific defect.

Head Teachers are informed by letter of the results of the special examinations.

During the year, 2,374 children made 6,162 attendances under the different Groups as follows :—

	No. of individual children attending				No. of Attendances
Group 1	1206
Group 2	668
Group 3	157
Group 4	343
					4563
					1099
					157
					343

Several other examinations including the ascertainment of Handicapped Pupils, the initial and routine examination of foster children and the examination of pupils to determine their fitness for employment were also conducted at the clinic and in all 258 children were seen in the 12 months ended 31st December.

The various out-patient clinics of the North Lonsdale Hospital were also available to school children, and during the year 2,768 children made 8,405 attendances.

EAR, NOSE AND THROAT DEFECTS.

By arrangement with the Manchester Regional Hospital Board, Mr. John Magill, M.B., Ch.B., D.L.O., has continued to conduct separate Specialist Ear, Nose and Throat Clinics for the benefit of school children.

The clinics are conducted weekly at the North Lonsdale Hospital and during the year, 401 children made 1,481 attendances.

Although these clinics are adequate for the purpose of diagnosis and of providing out-patient treatment, a considerable waiting list of cases requiring operative measures remains. This is entirely due to shortage of hospital beds and although the position has been reviewed from time to time no solution has been forthcoming. It is fairly clear that re-allocation of existing beds is impracticable and it would seem that the waiting list must remain until new building increases the bed availability.

OPHATHALMIC CLINICS.

Arrangements for the examination of children with defective vision and minor eye conditions were the same in substance as in previous years.

The provision of spectacles through the Supplementary Ophthalmic Service was satisfactory, there being no delay between prescription and supply.

The Ophthalmic Surgeon reports :—

" No significant event took place during the year covered by this report and the routine work carried out in the clinic consisted of examination, diagnosis and treatment of various ocular conditions in the pre-school and school children, as in the previous year. The total number of children seen during the year was 971, of these 893 were children of school age and 78 of pre-school age. The attendances made were 1,595.

Most of the children referred to the North Lonsdale Hospital were for surgical treatment of squint. Some of these received a course of post operative exercises at the clinic.

The following types of eye conditions were treated with spectacles :—

Hypermetropic Astigmatism	....	40.8%
Hypermetropia	....	19.4%
Myopic Astigmatism	....	17.4%
Myopia	....	13.7%
Mixed Astigmatism	....	8.4%

REFRACTIVE ERRORS AND OTHER DEFECTS ACQUIRED AND CONGENITAL.

Anisometropia	....	3
Anisometropia with Right Amblyopia	....	1
Anisometropia with Left Amblyopia	....	1
Hypermetropic Astigmatism	....	302
Hypermetropic Astigmatism with Right Amblyopia	....	4
Hypermetropic Astigmatism with Left Amblyopia	....	4
Hypermetropic Astigmatism with Right Congenital Dislocation of Disc and Amblyopia	....	1
Hypermetropic Astigmatism with Left Corneal Scars	....	1
Myopic Astigmatism	....	131
Myopic Astigmatism with Right Optic Atrophy	....	1
Myopic Astigmatism with Bilateral Corneal Scars	....	1
Myopic Astigmatism with Right and Left Old Central Choroiditis	....	1
Myopic Astigmatism with Right Divergence	....	1
Mixed Astigmatism	....	65
Hypermetropia	....	133
Hypermetropia with Left Amblyopia	....	4
Hypermetropia with Right Amblyopia	....	3
Hypermetropia with Left Congenital Ptosis	....	2
Myopia	....	105
Progressive Myopia with Retino Choroidal Atrophy	....	1
Myopia Colour Blindness Red-Green	....	1
Epicanthus	....	2
Emmetropia	....	16

SQUINTS

Right Convergent Concomitant Squint	....	26
Right Convergent Concomitant Squint with Amblyopia and Anopsia	....	1
Right Convergent Concomitant Squint with Amblyopia	....	7
Left Convergent Concomitant Squint	....	40
Left Convergent Concomitant Squint with Amblyopia	....	6
Left Convergent Concomitant Squint with Left External Rectus Paralysis	....	1
Alternating Convergent Squint	....	21
Right Divergent Squint	....	1
Bilateral Epicanthus with External Rectus Paralysis	....	2

TREATMENTS

Right Melanoma of Cornea	....	1
Meibomian Cyst Right Lower Lid	....	1
Foreign Body Right Upper Lid	....	1
Right Phlycencular Ophthalmia	....	1
Occlusion Right Convergent Concomitant Squint	....	21
Occlusion Left Convergent Concomitant Squint	....	12
Simple Orthoptic Exercises	....	25

ORTHOPÆDIC CLINIC.

The Medical Superintendent of Ethel Hedley Hospital, Windermere, attends the Municipal Clinic in Barrow every six weeks and sees children with Orthopædic defects ascertained at medical inspection or referred through the family doctor.

The clinic is also attended by the Local Health Authority's Physio-therapist.

Hospital treatment is provided by the North Lonsdale Hospital in the case of short stay cases whilst conditions requiring longer terms of hospitalisation are admitted to Ethel Hedley Hospital.

8 Orthopædic Clinics were held during the year and 140 school children made 231 attendances.

REMEDIAL EXERCISES, MASSAGE AND ULTRA VIOLET THERAPY

A complete service providing Remedial Exercises, Massage and Ultra Violet Therapy has been maintained throughout the year.

The following table shows the number of children who attended the various clinics :—

	Individual No. of children treated	No. of Attendances
Ultra Violet Therapy	278	2736
Massage	2	125
Remedial Exercises	226	1948
Other Treatment (Plasters, etc.)	81	549

SPEECH CLINIC

From taking up her duties in September until the end of the year, the greater part of the Speech Therapist's time was spent in conducting a survey in all schools. Although certain cases in need of treatment were known to the Department it was felt that an overall picture of the need for treatment would be a distinct advantage and the survey of all schools was accordingly arranged.

In all, some 11,400 pupils were examined on school premises and all defects, however slight were recorded. From this list, a selection was made of those for whom treatment appeared necessary or for whom further investigation was deemed advisable. These cases, accompanied by a parent, so that where necessary the relevant medical history could be obtained, were called to the Speech Clinic by appointment and the following resulted.

Total No. of pupils summoned for interview	692
No. of pupils who failed to attend	95
No. of pupils selected for treatment	254
No. of pupils selected for observation	275
No. of pupils found not to require treatment	63
Miscellaneous (leaving town, treatment not desired, etc.)	5

In addition to the above, a start was made on the treatment of the more urgent cases known prior to the survey and at the year end, 10 pupils had made 126 attendances.

The survey and the interviewing of selected cases having been completed it will be possible in the New Year for the Speech Therapist to devote her time almost wholly to treatment.

HOSPITAL TREATMENT

No change has taken place in the procedure for referring school children for specialist opinion, investigation or treatment. The scheme continues to work well and a harmonious relationship exists between all concerned.

Advice of hospital admissions and discharges continues to be sent to the School Medical Officer for record purposes.

SECTION 4.

WORK OF THE SCHOOL NURSES.

The following is a summary of the work done during the year additional to cleansing, preparation of children for medical inspections and assistance at these inspections with the Medical Officers :—

No. of visits to schools (all purposes)	434
No. of examinations and re-examinations (cleanliness, etc.)	32138
No. of home visits (all purposes)	627
No. of attendances at Minor Ailment and Inspection Clinic	607

TABLE SHOWING THE RESULT OF CLEANLINESS (HEAD)
INSPECTIONS IN SCHOOLS.

SCHOOL.	No. of Examinations.	Instances of Uncleanli- ness.	Percentage. Unclean.	
			1953.	1952.
Abbotsmead County Infants	772	66	8.5	10.1
Abbotsmead County Junior	802	87	10.8	8.9
Alfred Barrow Boys	1012	2	0.2	0.8
Alfred Barrow Girls	971	75	7.7	8.6
Barrow Island County Infants	695	68	9.8	9.7
Barrow Island County Junior	814	56	6.8	10.6
Boys' Grammar	235	—	—	—
Girls' Grammar	460	8	1.7	1.0
Greengate County Infants (Annexe)	794	80	10.0	13.1
Greengate County Infants	538	40	7.4	8.9
Greengate County Boys	1008	31	3.0	4.2
Greengate County Girls	1362	164	12.0	24.7
Holker County Secondary	694	14	2.0	2.4
Ormsgill County Infants	765	78	10.2	11.8
Ormsgill County Junior	860	98	11.4	16.4
Our Lady's R.C. Secondary	392	17	4.3	6.0
Ramsden County Infants	644	40	6.2	5.7
Risedale County Secondary	1072	87	8.1	9.3
Roose County Primary	476	11	2.3	1.2
Sacred Heart R.C. Primary & Senior	690	99	14.3	13.2
South Newbarns County Infants	639	22	3.4	6.1
South Newbarns County Junior	1023	48	4.6	—
South Walney County Primary	1108	—	—	0.4
St. Aloysius' R.C. Secondary	365	31	8.4	—
St. Columba's R.C. Primary & Senior	280	4	1.3	1.2

St. George's C. of E. Primary	....	378	99	26.1	21.4
St. James's County Infants	....	798	34	4.2	6.5
St. James's C. of E. Junior	....	1037	57	5.5	4.2
St. Mary's R.C. Infants	....	507	38	7.5	13.7
St. Mary's R.C. Boys	....	416	8	1.9	5.6
St. Mary's R.C. Girls	....	276	57	20.6	20.8
St. Mary's R.C. Junior	....	240	8	3.3	—
St. Patrick's R.C. Primary & Senior	....	230	27	11.7	13.5
St. Paul's C. of E. Primary	....	284	3	1.0	—
County Technical	....	739	10	1.3	1.8
Vickerstown County Primary	....	1298	34	2.6	2.6
Victoria County Infants	....	1036	21	2.0	3.8
Victoria County Junior	....	1185	30	2.6	3.1
Victoria County Secondary	....	898	55	6.1	8.3
Walney County Secondary	....	1022	15	1.4	1.5
Total	....	28815	1722	5.9	7.3
Bram Longstaffe Nursery	....	439	35	7.9	6.7
Our Lady's R.C. Preparatory	....	442	5	1.1	2.3
Roa Island Special	....	943	77	8.1	10.8
Ramsden Special (E.S.N.)	....	99	15	15.1	15.2
Ramsden Special (Annexe)	....	109	38	34.9	40.1
Total	....	2032	170	8.3	9.6
Grand Total	....	30847	1892	6.1	7.4

The number of school children treated during the year for Scabies was 19.

SECTION 5.

INFECTIOUS DISEASES.

All cases of infectious disease are notified to the Medical Officer of Health, who is also Principal School Medical Officer. Details of certain of these cases are sent to the Education Department, who notify the Head Teacher of the appropriate school, ensuring that contacts are excluded from school until free from infection.

The exclusion period is that adopted by the Ministry of Education.

The following gives particulars of cases of notifiable disease occurring in school children during 1953 :—

Scarlet Fever	....	172
Whooping Cough	....	40
Measles	....	136
Pneumonia	....	1
Tuberculosis	....	3
Food Poisoning	....	3
Dysentery	....	8
Pneumococcal Meningitis	....	1

IMMUNISATION.

Immunisation against Diphtheria is carried out under arrangements made by the Health Committee at special sessions at the Central Clinic.

Ideally each child is immunised before it reaches the age of 12 months and receives a re-inforcing dose of toxoid at the age of four and a half years prior to entering school.

During the year 3 courses of immunisation and 87 re-inforcing doses were administered at the clinic. In addition 7 courses of immunisation and 9 re-inforcing doses were administered by General Practitioners participating in the arrangements made by the Local Health Authority under the National Health Service Act, 1946.

In September of this year, immunisation against whooping cough was introduced at the Central Clinic and included in the above figures are children who have received a course of combined diphtheria—pertussis vaccine.

Of the population aged between 5 and 14+ years 21.02% are estimated to have maximum immunity against diphtheria as a result of inoculations given subsequent to 1948. A further 57.13% have been immunised at some earlier date but in these cases immunity has not been re-inforced by the administration of a booster dose in the last five years.

SECTION 6.

HANDICAPPED PUPILS.

The ascertainment of Handicapped Pupils was continued during the year.

The following table gives details of pupils ascertained and placed and shows the number of cases at the year end for whom it was impossible to secure places.

	(1) Blind (2) Part- ially sighted		(3) Deaf (4) Part- ially Deaf		(5) Deli- cate (6) Physi- cally handi- capped		(7) Ed- ucation- ally Sub- normal (8) Mal- adjusted		(9) Epi- leptic	TOTAL 1-9
In the calendar year :—	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A. Handicapped Pupils newly placed in Spec- ial Schools or Homes	—	—	—	—	49	3	24	—	—	76
B. Handicapped Pupils newly ascertained as requiring education at Special Schools or boarding in Homes.	—	—	—	—	45*	—	15†	1	—	61

*—41 included at A. †—included at A.

Number of children reported during the year :—

(a) under Section 57(3) (excluding any returned under (b) )	....	....	5
(b) under Section 57(3) (relying on Section 57(4) )	....	....	—
(c) under Section 57(5)	....	....	6

Of the Education Act, 1944.

	(1) Blind (2) Part- ially sighted		(3) Deaf (4) Part- ially Deaf		(5) Deli- cate (6) Physi- cally handi- capped		(7) Ed- cation- ally Sub- normal (8) Mal- adjusted		(9) Epi- leptic	TOTAL 1-9
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
On or about December 1st :—										
C. Number of Handi- capped Pupils from the area—										
(i) Attending Spec- ial Schools as										
(a) Day Pupils	—	—	—	—	118	1	100	—	—	219
(b) Boarding Pupils	2	2	6	—	—	3	6	—	1	20
(ii) Attending inde- pendent schools (under arrange- ments made by the Authority)	—	—	—	—	—	—	2	2	—	4
(iii) Boarded in Homes and not already included under (i) or (ii)	—	—	—	—	—	—	—	2	—	2
TOTAL C.	2	2	6	—	118	4	108	4	1	245
D. Number of Handi- capped Pupils being educated under ar- rangements made under Section 56 of the Education Act, 1944—										
(a) in hospitals	—	—	—	—	—	—	—	—	—	—
(b) elsewhere	—	—	—	—	—	—	—	—	—	—
E. Number of Handi- capped Pupils from the area requiring places in special schools (including any such unplaced children who are temporarily receiv- ing home tuition)	—	—	—	—	—	2	2	1	—	5

SECTION 7.**PRINCIPAL SCHOOL DENTAL OFFICER'S REPORT**

During 1953 the majority of time has again been spent treating emergency toothaches and seeing patients who have requested treatment for some special reason, although it has been possible to inspect twice as many children at school as were inspected in 1952.

Since the 1952 report, the establishment of dental officers has been increased and with the possibility of another dental surgery it is expected that we shall be able to overcome this vicious circle of special appointments occupying so much time, and preventing routine treatment, the lack of which is the cause of so many special requests.

During 1953 a considerable amount of attention has been focussed on the advantages of fluoridation of drinking water. Dental caries is now more or less accepted as an ever present evil, due mainly to the type of foods consumed these days, and a method of controlling caries on a nation wide scale by introducing fluoride into the drinking water has been remarkably successful in America. In fact reports show that there is approximately 60% less caries among children aged twelve to fourteen years and about six times as many children with permanent teeth free from caries as in areas where the drinking water contains little or no fluoride. Although the attitude in this country is still one of caution it is admitted that here may lie possibilities for the control of this widespread disease.

We have from time to time made use of the consultant dental service available to us, along with general practitioners, at the North Lonsdale Hospital and it has been very much appreciated. So far we have been unable to arrange similar consultant treatment for orthodontic cases, though we have high hopes that our geographical position will no longer prove a bar to this essential supplementary service and that a consultant in orthodontics will soon be available in Barrow.

During the year we have made considerable use of the X-ray facilities at the North Lonsdale Hospital, and although reorganisation of the X-ray department early in the year meant a certain amount of delay in making appointments, this has now been rectified.

Once again it is regretted that there is not a great deal of enthusiasm among children to clean their teeth. If only they would be a little more diligent with their tooth brush a considerable amount of time on our part and a considerable amount of pain on theirs would be saved.

SECTION 8.**MISCELLANEOUS.****PHYSICAL TRAINING, SWIMMING AND ORGANISED GAMES.**

The school curriculum includes periods of physical training and, organised games, and in all of the secondary schools and some of the primary schools, attendance at the Swimming Baths.

Towards the end of the year, the second part of a new Ministry of Education publication "Physical Education in the Primary School" was issued, giving guidance on the organisation and planning of physical training and recreational activities for juniors and infants. Early in 1954 it is hoped to organise for teachers a short course of demonstration lectures based on the new publication. Tubular metal climbing frames and climbing ropes have been provided during the course of the year at a number of junior and infants schools, and the remainder of these schools will be provided with similar apparatus as soon as possible.

PROVISION OF MILK AND MEALS.

(a)	Average number of children receiving milk daily	....	....	9192
(b)	Number of $\frac{1}{8}$ pint bottles of milk delivered and consumed			1783170
(c)	Average number of children receiving meals per school day			2716
(d)	Total number of meals supplied during the year	....	....	595929
(e)	Number of centres supplying meals	....	....	29

SECTION 9.

STATISTICAL TABLES.

The following statistical returns for the year ended 31st December, 1953, required by the Ministry of Education, indicate the scope of the work of the School Health Service.

TABLE I.—MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED PRIMARY AND SECONDARY SCHOOLS.

A. PERIODIC MEDICAL INSPECTIONS.

Number of Inspections in the prescribed groups :

Entrants....	1252
Second Age Group	857
Third Age Group	835
Total	2944
Number of other periodic inspections	1814
Grand Total	4758

B. OTHER INSPECTIONS.

Number of special inspections	....	....	....	....	....	961
Number of re-inspections	....	....	....	....	....	775
Total	....	....	....	....	....	1736

C. PUPILS FOUND TO REQUIRE TREATMENT.

Number of individual pupils found at periodic medical inspection to require treatment (excluding dental diseases and infestation with vermin) :

GROUP.	For defective vision (excluding squint).	For any of the other conditions recorded in Table IIA.	Total individual pupils
(1)	(2)	(3)	(4)
Entrants	1	552	350
Second Age Group	67	229	213
Third Age Group	68	119	159
Total (prescribed groups)	136	900	722
Other Periodic Inspections	73	505	395
Grand Total	209	1405	1117

TABLE II.

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR ENDED 31ST DECEMBER, 1953.

Defect Code No.	Defect or Disease	PERIODIC 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
	(1)	(2)	(3)	(4)	(5)
4	Skin	58	90	23	—
5	Eyes (a) Vision	209	349	119	4
	(b) Squint	34	57	12	—
	(c) Other	35	23	38	1
6	Ears (a) Hearing	7	24	4	—
	(b) Otitis Media	19	49	1	2
	(c) Other	4	8	6	—
7	Nose or Throat	104	443	31	6
8	Speech	21	53	115	1
9	Cervical Glands	17	128	1	2
10	Heart and Circulation	246	129	4	3
11	Lungs	60	194	11	5
12	Developmental—				
	(a) Hernia	2	13	1	—
	(b) Other	5	74	3	1
13	Orthopædic—				
	(a) Posture	25	33	6	—
	(b) Flat Foot	126	138	5	2
	(c) Other	55	122	24	1
14	Nervous System—				
	(a) Epilepsy	1	3	—	—
	(b) Other	13	49	18	4
15	Psychological—				
	(a) Developmental	7	34	21	3
	(b) Stability	3	20	5	—
16	Other	18	66	37	2

GROUP II—EYE DISEASES, DEFECTIVE VISION AND SQUINT.

		Number of Cases dealt with.	
		By the Authority	Otherwise
External and other, excluding errors of refraction and squint	....	122	46
Errors of refraction (including squint)	....	*831	60
Total	....	953	106
Number of pupils for whom spectacles were			
(a) Prescribed	....	*659	Information not available
(b) Obtained	....	Information not available	available

* Including cases dealt with under arrangements with the Supplementary Ophthalmic Service.

GROUP III—DISEASES AND DEFECTS OF EAR, NOSE AND THROAT.

		Number of Cases treated.	
		By the Authority	Otherwise
Received operative treatment			
(a) for diseases of the ear	....	—	6
(b) for adenoids and chronic tonsillitis	....	—	196
(c) for other nose and throat conditions	....	—	33
Received other forms of treatment	....	43	16
Total	....	43	251

GROUP IV—ORTHOPÆDIC AND POSTURAL DEFECTS.

(a) Number treated as in-patients in hospital	13
	By the Authority
(b) Number treated otherwise, e.g., in clinics or out-patient departments	312
	Otherwise
	42

GROUP V—CHILD GUIDANCE TREATMENT.

		Number of Cases treated.	
		In the Authority's Child Guidance Clinic	Elsewhere
Number of pupils treated at Child Guidance Clinic		201	—

GROUP VI—SPEECH THERAPY.

	Number of Cases treated.	
	By the Authority	Otherwise
Number of pupils treated by Speech Therapist	10	—

GROUP VII—OTHER TREATMENT GIVEN.

	Number of Cases treated.	
	By the Authority	Otherwise
(a) Miscellaneous Minor Ailments	406	2384
(b) Others (Specify)		
U.V.R.	278	—
Verrucae	136	—
Infectious Diseases	—	364
Surgical	—	117
Medical	—	263
Paediatric	—	117
	820	3245

TABLE V.

DENTAL INSPECTION AND TREATMENT.

(1) Number of pupils inspected by the Authority's Dental Officers		
(a) Periodic age groups		2152
(b) Specials		3294
(c) Total (1)		5446
(2) Number found to require treatment		4515
(3) Number referred for treatment		4309
(4) Number actually treated....		3979
(5) Attendances made by pupils for treatment		9938
(6) Half days devoted to : Inspection		16
Treatment		797
Total (6)		813
(7) Fillings	Permanent Teeth	2449
	Temporary Teeth	20
	Total (7)	2469
(8) Number of teeth filled :	Permanent Teeth	2360
	Temporary Teeth	20
	Total (8)	2380
(9) Extractions	Permanent Teeth	1124
	Temporary Teeth	5046
	Total (9)	6170
(10) Administration of general anaesthetics for extraction		484
(11) Other Operations	Permanent Teeth	1575
	Temporary Teeth	612
	Total (11)	2187



6.1.55-