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County Borough.**

Contributors

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INSTITUTE OF SOCIAL
MEDICINE

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OXFORD



COUNTY BOROUGH

OF

BARROW-IN-FURNESS

School Medical Officer's Report

FOR THE YEAR ENDED 31st DECEMBER, 1950.

REPORT OF THE SCHOOL MEDICAL OFFICER

FOR THE YEAR ENDING 31st DECEMBER 1924.

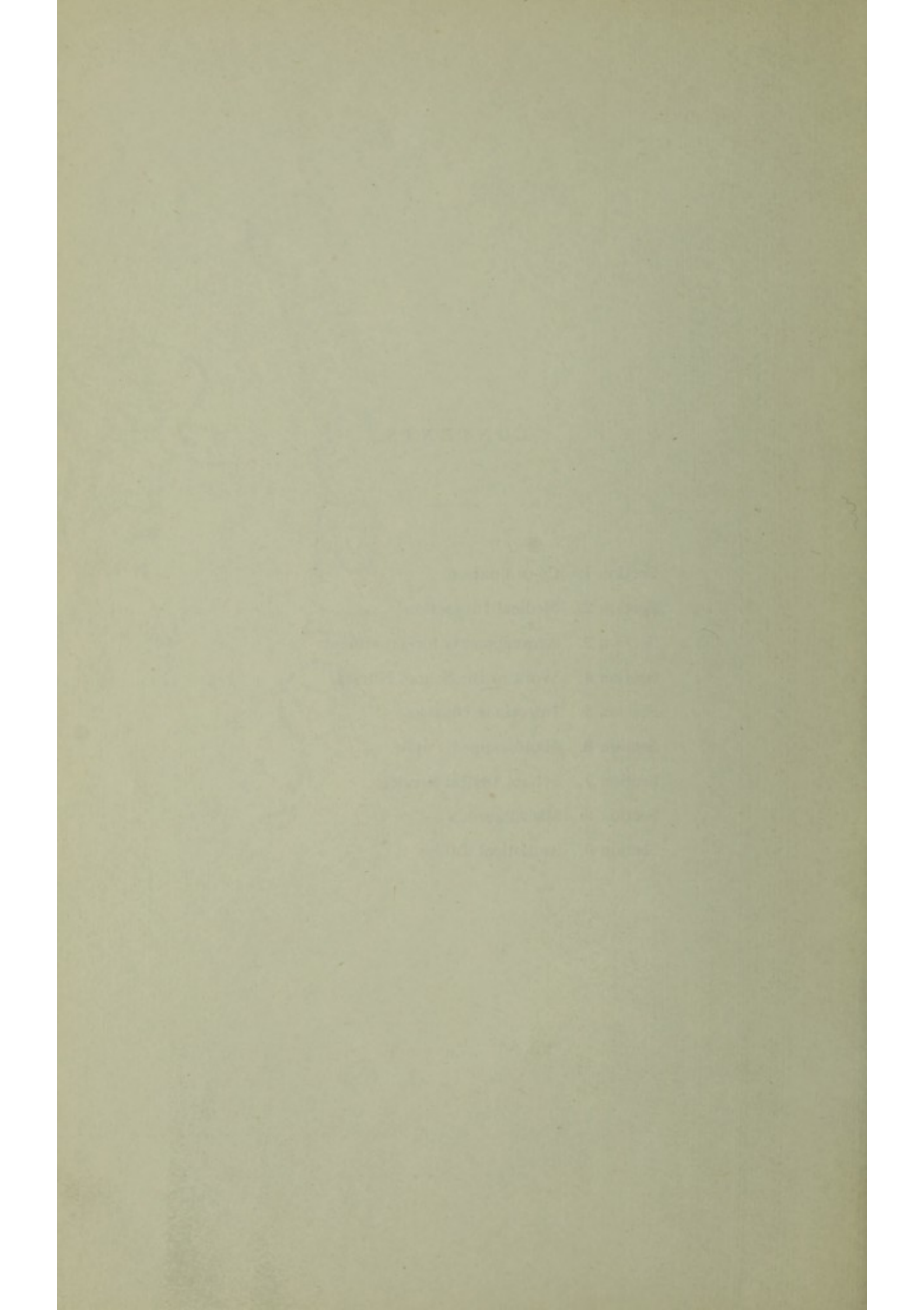
BY THE MEDICAL OFFICER, LONDON.

IN TWO VOLUMES. VOLUME I. THE SCHOOL MEDICAL OFFICER.

LONDON: H. K. LEY, LTD., 1925.

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REPORT OF THE SCHOOL MEDICAL OFFICER

FOR THE

YEAR ENDED 31ST DECEMBER, 1950.

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

Ladies and Gentlemen,

I beg to submit herewith my Annual Report on the work of the School Health Service for the year ended 31st December, 1950.

Speaking generally, the health of the school population has remained good. A sharp outbreak of Measles resulted in 458 school children being affected, this number being approximately seven times as great as the number notified last year. On the other hand, the incidence of Scarlet Fever fell by two thirds, only 36 cases being reported. No other notifiable disease reached proportions worthy of mention.

The Nutritional Survey has been continued in so far as the average heights and weights of the various age groups have been recorded and compared. Again no significant change has taken place.

Close co-operation with the Hospital and Specialist Services of the National Health Service has been maintained and having regard to the limited number of beds available, particularly in regard to diseases of the Ear, Nose and Throat, I am satisfied that the best possible use is made of the facilities so afforded.

A great improvement in the position relating to supply of spectacles to school children has taken place. The waiting list has been reduced enormously and at the end of the year, save in isolated cases, the waiting period was minimal.

It was possible during the year to maintain the establishment of School Nurses at full strength and the work of this section has been carried out satisfactorily.

In other sections, unfortunately, this cannot be said. The Dental Section, staffed by only one Dental Officer, has had to devote an ever increasing proportion of time to work of an emergency nature. Complaints are often made that children with toothache do not receive immediate attention and it is very difficult to explain that practically all children attending the Dental Clinic do so on account of toothache and that a waiting list of " emergencies " has resulted.

The fact must be faced that in Barrow-in-Furness the dental condition of the average school child is similar to that obtaining some twenty years ago and that the hard won accomplishments of that period of progress have been lost.

Dismal reading though it may make, I must nevertheless warn you that shortly the same will apply to the Medical section of the School Health Service.

Recruitment of suitable Medical Officers to the service is at a minimum and the announcement of the long awaited Salaries Award of the Industrial Court will not improve the position.

The solution is a simple addition of Pounds, Shillings and Pence and rests with Local Education Authorities.

In conclusion I wish to thank the members of the Education Committee, the Chief Education Officer and his Staff and the members of my own Staff for their readily given co-operation and support.

I have the honour to be,

Ladies and Gentlemen,

Your obedient servant,

G. G. DICKIE,

Medical Officer of Health and
School Medical Officer.

MEDICAL, DENTAL AND NURSING STAFFS.

School Medical Officer :	G. G. DICKIE, M.B., CH.B., D.P.H.
Asst. School Medical Officers :	DOROTHY G. STEWART, M.B., CH.B. JOSEPH H. C. CORR, L.R.C.P. & S., L.R.F.P. & S.
Dental Officer :	WINIFRED G. SIVEWRIGHT, L.D.S.
School Nurses :	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.). (Appointed 13/2/50). NURSE L. JACKSON, S.R.N., (TEMP.). NURSE E. E. SANDERS, S.R.N., S.C.M. (TEMP.). (Appointed 4/9/50).
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 :—10,421.

COUNTY SECONDARY SCHOOLS—

Grammar School for Boys.
Grammar School for Girls.
Technical School for Boys.
Walney Modern School.
Risedale Modern School.
Victoria Modern School.
Holker Modern School.
Alfred Barrow B. Modern School.
Alfred Barrow G. Modern School.

VOLUNTARY SECONDARY SCHOOLS—

Our Lady's R.C.

COUNTY PRIMARY SCHOOLS—

Ocean Road J. & I. County School.
 Vickerstown J. & I. County School.
 Cambridge St. J. County School.
 Cambridge St. I. County School.
 Roose J. & I. County School.
 Oxford St. J. County School.
 Victoria I. County School.
 Hawcoat J. & I. County School.
 Blake St. I. County School.
 Rawlinson St. J. B. County School.
 Rawlinson St. J. G. County School.
 Rawlinson St. I. County School.
 Barrow Island I. County School.
 Thwaite St. I. County School.

VOLUNTARY PRIMARY SCHOOLS—

St. Paul's J. & I. Voluntary C. of E. School.
 St. James' J. Voluntary C. of E. School.
 St. George's J. & I. Voluntary C. of E. School.
 St. Columba's M. & I. Voluntary R.C. School.
 St. Mary's B. Voluntary R.C. School.
 St. Mary's G. Voluntary R.C. School.
 St. Mary's I. Voluntary R.C. School.
 Sacred Heart M. & I. Voluntary R.C. School.
 St. Patrick's M. & I. Voluntary R.C. School.

OTHER SCHOOLS—

Roa Island Open Air School.
 Barrow Island Nursery School.
 Thwaite St. Special (E.S.N.).

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 :—130.

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, refraction and treatment of all cases referred from routine inspection and minor ailment and special inspection clinics by Head Teachers, School Nurses, etc., or at parents' request.	Monday, Wednesday and Thursday, 9-0—12 noon, Tuesday and Wednesday, 2-0—5-0 p.m.
IMMUNISATION CLINIC.	Municipal Clinic, Abbey Rd.		3-0 p.m. Tuesday.
DENTAL CLINIC.	do.	Examination and treatment of all cases referred from routine medical and dental inspection, by Nurses, Head Teachers, etc., or at parents' request.	9-0—12 noon. 1-30 — 4-30 Monday to Friday.
ORTHOPÆDIC CLINIC.	do.	Examination of all cases with crippling defects and deformities referred from routine medical inspection or minor ailment and special inspection clinics.	Every six weeks under arrangements made with the Medical Superintendent, Ethel Hedley Hospital, Windermere.
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. Tuesday & 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. Monday and Friday.
	North Lonsdale Hospital		2-0 p.m. Wednesday.
EAR, NOSE AND THROAT CLINIC.	North Lonsdale Hospital.	Examination and treatment of all Ear, Nose and Throat defects referred from routine medical inspection or minor ailment and special inspection clinics.	2-0 p.m. Tuesday.

SECTION 1.

CO-ORDINATION.

The Medical Officer of Health is also 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. These records are available should information be required by the Factory Inspector when dealing with new apprentices under the Factory Act, the Ministry of Labour when dealing with certain cases of Juvenile employment and for cases coming before the Children's Court.

SECTION 2.

MEDICAL INSPECTION.

The medical inspection of the following groups was carried out during the year :—

1. "Entrants"—pupils admitted for the first time to a maintained school.
2. "Second Age Group"—pupils in the last year of attendance at a maintained Primary School.
3. "Third Age Group"—pupils in the last year of attendance at a maintained Secondary School.
4. "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 Croslands Convent, 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.
5. "Specials"—pupils examined under the Handicapped Pupils and School Health Service Regulations, 1945, or at the request of Head Teachers, School Nurses, Parents, etc.
6. "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 groups 1, 2, 3 and 4 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 1939, 1947, 1948, 1949 and 1950 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		
	1939	1947	1948	1949	1950	1948	1949	1950
4	42.0	42.0	40.9	40.6	40.3	41.1	41.0	40.4
5	42.0	42.6	42.3	42.5	42.4	42.7	42.7	42.7
6	44.7	44.2	43.5	45.1	43.6	43.7	46.0	44.4
7	46.9	47.1	47.6	47.9	47.4	47.7	47.9	47.8
8	48.8	48.8	49.1	48.4	48.9	49.7	47.8	49.4
9	51.0	52.5	51.0	51.4	52.5	51.5	52.9	53.2
10	53.3	53.7	53.5	54.2	54.0	53.5	55.1	54.7
11	53.8	54.7	54.8	55.6	54.7	55.0	56.3	55.1
12	58.3	57.0	56.3	57.4	57.3	57.7	57.3	57.4
13	59.3	60.7	59.9	59.9	59.7	58.8	59.9	59.8
14	59.9	61.5	61.0	61.1	61.1	61.9	62.1	62.4
15	62.9	63.6	63.2	63.6	62.9	65.2	64.8	65.1
16	63.1	63.7	63.1	65.7	63.7	67.8	67.1	67.2
17	63.5	64.2	64.5	64.0	68.1	69.1	68.9	69.4

Average Weight in lbs.

Age Group	GIRLS					Boys		
	1939	1947	1948	1949	1950	1948	1949	1950
4	41.8	40.7	38.2	38.4	38.4	39.4	39.1	39.7
5	40.4	41.5	40.1	40.8	40.9	41.9	42.1	42.8
6	45.2	45.3	42.1	42.1	43.1	44.1	46.7	45.7
7	51.7	49.8	51.3	50.7	51.2	51.9	51.9	52.8
8	54.8	53.9	54.7	54.5	54.4	58.1	53.9	56.4
9	58.4	63.0	60.5	64.8	62.2	61.9	64.2	62.6
10	68.1	68.4	67.9	71.2	70.0	69.8	70.4	71.2
11	74.7	73.4	74.2	75.8	73.9	72.4	75.4	74.4
12	85.8	84.0	78.1	85.0	85.0	80.8	80.3	82.4
13	92.8	93.3	95.9	95.6	94.7	89.6	93.5	95.3
14	109.0	101.2	104.9	104.8	105.5	102.6	104.0	106.1
15	112.9	117.8	117.5	117.0	115.0	118.8	114.1	120.7
16	113.1	120.2	119.3	120.6	120.7	132.1	129.0	131.3
17	118.0	121.0	128.5	123.8	120.7	141.6	142.9	145.1

SECTION 3.

ARRANGEMENTS FOR TREATMENT.

MINOR AILMENTS CLINIC AND SPECIAL INSPECTION.

At the beginning of the year, "Arndene," Abbey Road, Barrow, a converted private dwelling house, was opened to house the Minor Ailments Clinic and the Child Guidance Centre and as was the case in former years, daily clinics have been held.

It was feared that "Arndene" would prove to be situated too far from the centre of the town to secure maximum attendances but fortunately this has not proved to be the case.

The staff consists of an Assistant Medical Officer, two School Nurses and one Cleanser, together with a clerical assistant.

The Medical Officer sees every minor ailment case attending for the first time and before discharge, and supervises treatment generally. In addition he 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 Teacher or at request of parent.
- 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.

The Medical Officer informs the Head Teacher by letter of the result of the special examination.

During the year, 2,358 children made 5,876 attendances under the different Groups as follows :—

	No. of individual children attending	No. of Attendances
Group 1	1748	4836
Group 2	202	632
Group 3	154	154
Group 4	254	254

The various out-patient clinics of the North Lonsdale Hospital were also available to school children, and during the year 2,682 children made 7,162 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 50 sessions at which 680 children made 1,370 attendances were held.

Although these clinics are adequate for the purpose of diagnosis and of providing out-patient treatment, a considerable and growing 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.

OPHTHALMIC CLINICS.

The arrangement whereby additional ophthalmic clinics are held as necessary has been continued and there has been no delay in the examination of children referred by reason of defective vision and minor eye conditions.

The supply of spectacles by the Supplementary Ophthalmic Service has improved greatly and by the end of the year the waiting list and the waiting period had been reduced to a minimum.

The Hospital Service has not yet been able to establish an Orthoptic Clinic and arrangements, satisfactory within their limits, remain as before.

The Ophthalmic Surgeon reports :—

"The total number of clinics and the number of attendances made during the year were 175 and 2,441 respectively. In all 1,222 children were examined, 1,105 children had their eyes tested for glasses, of these 1,047 were of school age and 58 pre-school age. 789 prescriptions were issued.

As in previous years the work carried out in the clinic consisted of examination, diagnosis, the treatment of medical cases and sight testing. All cases in need of surgery were dealt with at the North Lonsdale Hospital. These included various types of squint, dacryocystitis due to blockage of the tear duct and cysts of the lids. In all 66 operations were performed as compared with 45 during 1949. Of these 39 were for squint, 16 for dacryocystitis and one for cyst of the lid.

The various types of eye defects requiring glasses for their correction were: Hypermetropic Astigmatism 42%, Hypermetropia 20%, Myopic Astigmatism 18%, Myopia 12%, Mixed Astigmatism 7%, Anisometropia 0.8%. About 20% of all children examined suffered from squints of different varieties and about 1% had congenital abnormality."

REFRACTIVE ERRORS AND OTHER DEFECTS ACQUIRED AND CONGENITAL.

Anisometropia	7
Hypermetropic Astigmatism	307
Hypermetropic Astigmatism with Left Amblyopia	13
Hypermetropic Astigmatism with Right Amblyopia	1
Hypermetropic Astigmatism with Right Corneal Scars	1
Hypermetropic Astigmatism with Bilateral Corneal Scars	1
Hypermetropic Astigmatism with Right and Left Congenital Cataracts	4
Hypermetropic Astigmatism with Congenital Ptosis	1
Hypermetropic Astigmatism with Nystagmus	1
Myopic Astigmatism	130
Right Myopic Astigmatism with Left Mixed Astigmatism	2
Right Myopic Astigmatism with Left Myopia	1
Right Myopic Astigmatism with Left Hypermetropic Astigmatism	2
Congenital Myopic Astigmatism	1
Myopic Astigmatism with Bilateral Corneal Scars	1
Left Myopic Astigmatism with Right Hypermetropia with Corneal Scars	1
Mixed Astigmatism	48
Right Mixed Astigmatism with Left Hypermetropic Astigmatism	3
Right Mixed Astigmatism with Left Myopic Astigmatism	2

Mixed Astigmatism with Left Amblyopia	1
Hypermetropia	145
Hypermetropia with Right Amblyopia	1
Hypermetropia with Left Amblyopia	1
Hypermetropia with Partial Albinism	1
Left Hypermetropia Right Traumatic Cataract with Coloboma of Iris	1
Myopia	91
High Myopia with Marfan's Disease	2
High Myopia with Corneal Scars	1
High Myopia with Congenital Coloboma of Iris—Nystagmus and Cataract	1
Optic Atrophy	1
Choroiditis Myopic Astigmatism	1
Central Choroiditis Right	1
Central Choroiditis Left	2
Left Macular Lesion	1
Bilateral Pseudo-Neuritis	1
Epicanthus	2
Migraine	2
Nystagmus	1
Emmetropia	52

SQUINTS

Right Convergent Concomitant Squint	63
Right Convergent Squint with Congenital Cataract	1
Right Convergent Squint with Ptosis	1
Right Convergent Squint with Microphthalmos	1
Left Convergent Concomitant Squint	98
Left Convergent Concomitant Squint with Migraine	1
Left Convergent Squint with Retinal Detachment	1
Left Divergent Squint with Nystagmus	2
Right Divergent Squint	6
Alternating Convergent Squint	33
Alternating Divergent Squint	4

TREATMENTS.

Conjunctivitis	20
Follicular Conjunctivitis	1
Bilateral Conjunctivitis	5
Left Phlyctenular Conjunctivitis	2
Blepharo Conjunctivitis	2
Blepharitis	15
Phlyctenular Ophthalmia and Blepharitis	1
Phlyctenular Keratitis	1
Acute Dacryocystitis	1
Left Canaliculitis	1
Corneal Abrasion	1
Papilloma Right Upper Lid—(Transferred to North Lonsdale Hospital)	1
Meibomian Cyst Left Upper Lid—(Transferred to North Lonsdale Hospital)	2
Hordeolum Externum	20
Infected Socket Right	1
N.A.D.	6
Occlusion Right Convergent Concomitant Squint	19
Occlusion Left Convergent Concomitant Squint	20
Occlusion Alternating Convergent Squint	3
Simple Orthoptic Exercises	17

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 Physiotherapist.

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.

Six Orthopædic Clinics were held during the year, and 116 school children made 176 attendances.

REMEDIAL EXERCISES, MASSAGE AND ULTRA VIOLET THERAPY

Consequent upon the opening of "Arndene" as a Minor Ailments Clinic it was possible to rehouse the Massage and Ultra Violet Light Clinic in the Welfare Centre, Abbey Road, the former location of the Minor Ailments Clinic.

The new arrangement is a much more satisfactory one both from the point of view of accommodation and of accessibility.

By arrangement with the Hospital Management Committee the Hospital Rehabilitation Centre is available to the Local Authority's Physiotherapist for remedial exercise clinics.

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

	Individual No. of children treated	No. of Attendances
Ultra Violet Therapy	94	974
Massage	5	204
Remedial Exercises	201	2110

HOSPITAL TREATMENT.

This has continued in accordance with the provisions of the National Health Service Act of 1946 and has been satisfactory.

Advice of hospital admissions and discharges of school children continues to be sent to the School Medical Officer for record purposes. Where necessary clinical reports and records of treatment given are also provided by the hospital concerned.

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)	592
No. of examinations and re-examinations (cleanliness, etc.)	31529
No. of home visits	1289
No. of attendances at Minor Ailment and Inspection Clinic	353

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

SCHOOL.	No. of Examinations.	Instances of Uncleanli- ness.	Percentage. Unclean.	
			1950.	1949.
Alfred Barrow Boys	970	14	1.4	1.4
Alfred Barrow Girls	941	90	9.6	10.1
Barrow Island Infants	842	64	7.6	7.2
Barrow Island Junior	1083	87	8.0	8.2
Blake Street Infants	795	68	8.6	8.4
Boys' Grammar	90	—	—	—
Cambridge Street Infants	1021	62	6.1	1.3
Cambridge Street Junior	1280	133	10.4	4.7
Girls' Grammar	716	20	2.8	4.1
Hawcoat Junior	351	32	9.1	7.9
Holker Modern	897	18	2.0	0.7
Ocean Road J. & I.	1139	12	1.0	1.7
Our Lady's R.C. Secondary	492	43	8.7	1.9
Oxford Street Junior	1461	59	4.0	2.9
Rawlinson Street Infants....	521	52	9.9	6.9
Rawlinson Street Junior Boys	718	17	2.4	3.2
Rawlinson Street Junior Girls	1031	105	10.2	10.1
Risedale Modern	1009	133	13.2	5.6
Roose J. & I.	796	22	2.8	1.8
Sacred Heart	1053	111	10.5	13.3
St. Columba's	490	18	3.7	1.4
St. George's	654	89	13.6	11.2
St. James' Junior	1078	82	7.6	7.3
St. Mary's Infants	398	20	5.0	9.2
St. Mary's Boys....	639	32	5.0	4.7
St. Mary's Girls	480	35	7.3	9.6
St. Patrick's	293	34	11.6	13.2
St. Paul's	308	—	—	0.2
Technical	267	4	1.9	1.3
Thwaite Street Infants	686	24	3.5	1.7
Vickerstown J. & I.	1217	40	3.3	4.4
Victoria Infants....	1514	61	4.0	3.2
Victoria Modern	993	68	6.8	9.3
Walney Modern	924	15	1.6	2.2
Total	27141	1664	6.1	5.6

Barrow Island Nursery	....	....	....	456	29	6.4	7.4
Convent Junior	....	....	....	441	11	2.5	—
Open Air	....	....	....	630	58	9.2	4.4
Thwaite Street Special	....	....	....	226	26	11.5	11.7
Total	....	....	....	1753	124	7.1	5.6
Grand Total	....	....	....	28894	1788	6.2	5.6

The number of school children treated during the year for Scabies was 20.

SECTION 5.

INFECTIOUS DISEASES.

All cases of infectious diseases are notified to the Medical Officer of Health, who is also 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 infectious disease occurring in school children during 1950 :—

Scarlet Fever	....	....	....	36
Whooping Cough	....	....	....	14
Dysentery	....	....	....	3
Measles	....	....	....	458

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, 13 courses of immunisation and 68 re-inforcing doses were administered at the clinic. In addition, 4 courses of immunisation and one re-inforcing dose were administered by General Practitioners participating in the arrangements made by the Local Health Authority under the National Health Service Act, 1946.

65.4% of the population between 5 and 15 is estimated to have been immunised.

SECTION 6.

HANDICAPPED PUPILS.

The ascertainment of Handicapped Pupils as required by the Handicapped Pupils and School Health Service Regulations, 1945, 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
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
In the calendar year :—										
A. Handicapped Pupils newly placed in Spec- ial Schools or Homes	—	—	*2	—	33	—	*14	—	—	49
B. Handicapped Pupils newly ascertained as requiring education at Special Schools or boarding in Homes.	—	2	3	—	†32	1	18	3	—	59

Number of children reported during the year :—

- (a) under Section 57(3) (excluding any returned under (b)) 2
 (b) under Section 57(3) relying on Section 57(4) —
 (c) under Section 57(5) of the Education Act, 1944. 6

* Included in B.

† Included in A.

	(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	60	—	—	179
(b) Boarding Pupils	1	3	5	1	—	1	4	—	—	15
(ii) Boarded in Homes	—	—	—	—	—	—	—	—	—	—
(iii) Attending inde- pendent schools (under arrange- ments made by the Authority)	—	—	—	—	—	—	2	1	—	3
TOTAL C.	1	3	5	1	118	2	66	1	—	197
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)	—	1	2	—	1	*4	†26	2	—	36

*—Includes 1 attending a DAY special school but requiring a RESIDENTIAL Special School.

†—Includes 5 attending DAY special school but requiring RESIDENTIAL Special Schools.

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

The number of children inspected at school was 519 and of these 247 were found to require treatment. Of the 3,134 children who attended as specials, 2,896 required treatment.

As the majority of these children were suffering from toothache it was necessary to see them as quickly as possible. Children who had to return for conservative treatment had to wait from four to six weeks. In the case of senior school children where several fillings were needed, this meant that treatment was not completed for three or four months.

22 children were supplied with partial dentures and 27 children were referred to the North Lonsdale Hospital for X-ray.

The demand for orthodontic treatment is becoming greater. In some cases regulation can be effected by extraction but in many cases appliances are necessary. It is becoming increasingly difficult to give time to orthodontic work. These cases, after the appliances have been fitted, have to return regularly for inspection and adjustment and only a limited number can be treated. 20 cases were treated during the year.

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

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

The gymnasium at the Holker County Modern School has now been equipped with fixed apparatus.

PROVISION OF MILK AND MEALS.

(a) Average number of children receiving milk daily	....	....	8238
(b) Number of $\frac{1}{2}$ pint bottles of milk delivered and consumed	1624207		
(c) Average number of children receiving meals per school day	3425		
(d) Total number of meals supplied during the year	....	....	783821
(e) Number of centres supplying meals	....	....	28

SECTION 9.

STATISTICAL TABLES.

The following statistical returns for the year ended 31st December, 1950, 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....	1127
Second Age Group	900
Third Age Group	877
Total	2904
Number of other periodic inspections	1722
Grand Total	4626

B. OTHER INSPECTIONS.

Number of special inspections	538
Number of re-inspections	741
Total	1279

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	4	274	190
Second Age Group	51	104	114
Third Age Group	82	126	153
Total (prescribed groups)	137	504	457
Other Periodic Inspections	64	480	356
Grand Total	201	984	813

TABLE II.

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION
IN THE YEAR ENDED 31st DECEMBER, 1950.

Defect Code No.	Defect or Disease	PERIODIC INSPECTIONS		SPECIAL INSPECTIONS	
		No. of defects		No. of defects	
	(1)	Requiring treatment (2)	Requiring to be kept under ob- servation but not requiring treatment (3)	Requiring treatment (4)	Requiring to be kept under ob- servation but not requiring treatment (5)
4	Skin	44	19	43	—
5	Eyes (a) Vision	201	246	2	—
	(b) Squint	43	43	—	—
	(c) Other	19	6	16	—
6	Ears (a) Hearing	41	14	1	—
	(b) Otitis Media	16	7	6	1
	(c) Other	1	1	43	—
7	Nose or Throat	238	82	29	—
8	Speech	3	67	—	—
9	Cervical Glands	70	93	5	—
10	Heart and Circulation	47	34	8	1
11	Lungs	30	56	14	—
12	Developmental—				
	(a) Hernia	2	3	—	1
	(b) Other	1	40	1	—
13	Orthopædic—				
	(a) Posture	45	4	—	—
	(b) Flat Foot	64	7	5	—
	(c) Other	30	169	18	1
14	Nervous System—				
	(a) Epilepsy....	1	8	—	—
	(b) Other	12	16	12	—
15	Psychological—				
	(a) Developmental	13	81	19	—
	(b) Stability	3	3	1	—
16	Other	17	26	132	3

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	255	96
Errors of refraction (including squint)	*1047	
Total	1302	96
Number of pupils for whom spectacles were		
(a) Prescribed	*740	Information not
(b) Obtained	*1380	available
Total	2120	

* 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	—	15
(b) for adenoids and chronic tonsillitis	—	207
(c) for other nose and throat conditions	—	66
Received other forms of treatment	121	13
Total	121	301

GROUP IV—ORTHOPÆDIC AND POSTURAL DEFECTS.

(a) Number treated as in-patients in hospital	10	
	By the Authority	Otherwise
(b) Number treated otherwise, e.g., in clinics or out-patient departments	206	213

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	103	—

GROUP VI—SPEECH THERAPY.

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

GROUP VII—OTHER TREATMENT GIVEN.

	Number of Cases treated	
	By the Authority	Otherwise
(a) Miscellaneous Minor Ailments	971	—
(b) Others (Specify)		
U.V.R.	94	—
Verrucae	101	—
Infectious Diseases	—	22
Surgical	—	86
Medical	—	132
Pædiatric	—	74
Total	1166	314

TABLE V.

DENTAL INSPECTION AND TREATMENT.

(1) Number of pupils inspected by the Authority's Dental Officers		
(a) Periodic age groups		519
(b) Specials		3134
(c) Total (1)		3653
(2) Number found to require treatment		3243
(3) Number referred for treatment		247
(4) Number actually treated		3456
(5) Attendances made by pupils for treatment		6154
(6) Half days devoted to : Inspection		2
Treatment		414
Total (6)		416
(7) Fillings	Permanent Teeth	1690
	Temporary Teeth	31
	Total (7)	1721
(8) Number of teeth filled :	Permanent Teeth	1620
	Temporary Teeth	31
	Total (8)	1651
(9) Extractions	Permanent Teeth	432
	Temporary Teeth	2630
	Total (9)	3062
(10) Administration of general anæsthetics for extraction		729
(11) Other Operations	Permanent Teeth	838
	Temporary Teeth	798
	Total (11)	1636



