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County Borough.**

Contributors

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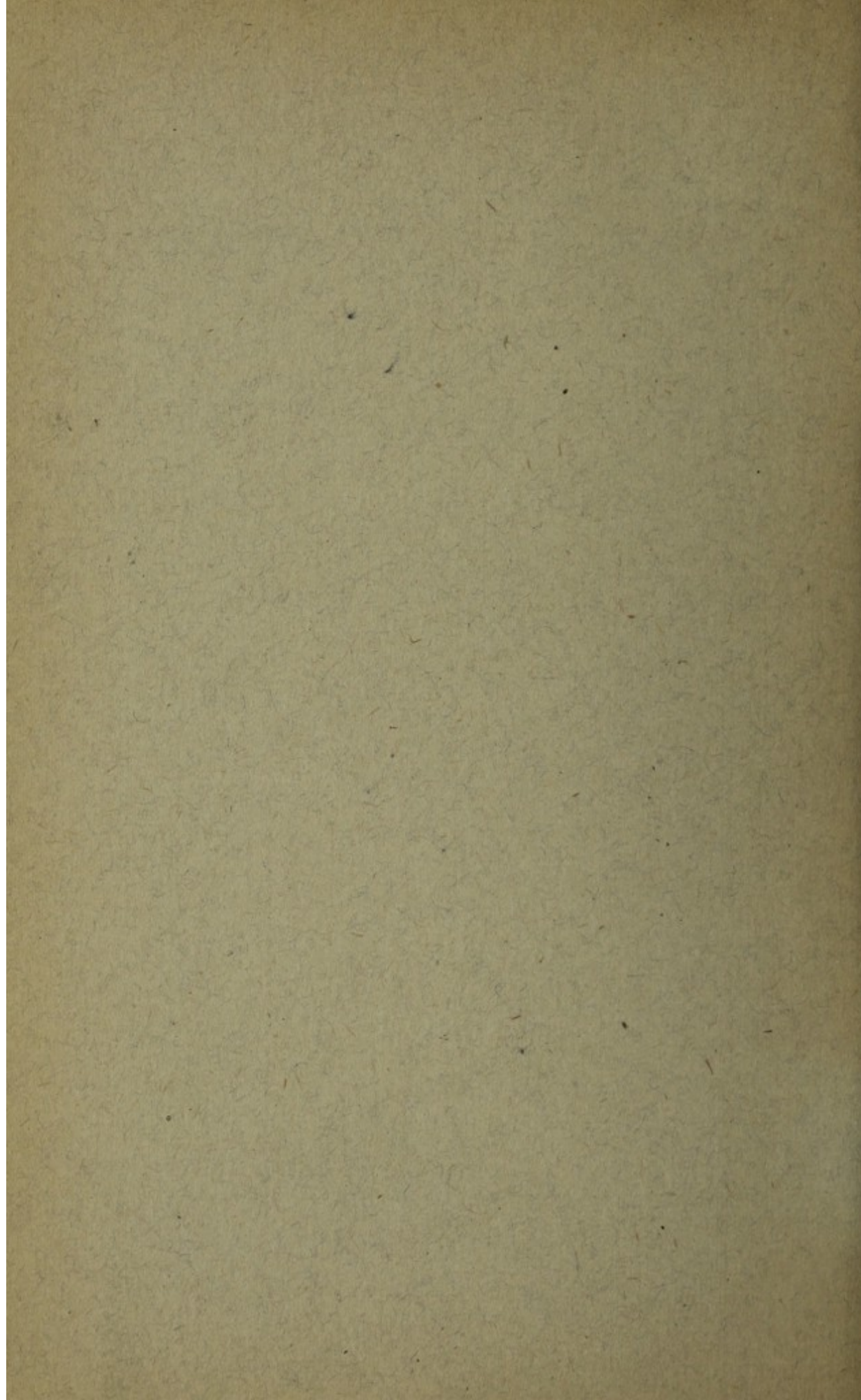
INSTITUTE OF SOCIAL
MEDICINE

10, PARKS ROAD,
OXFORD

COUNTY BOROUGH
OF
BARROW-IN-FURNESS.

School Medical Officer's
Report

FOR THE YEAR ENDED 31st DECEMBER, 1948.



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COMMITTEE OF THE COUNTY BOROUGH OF

BARROW-IN-FURNESS

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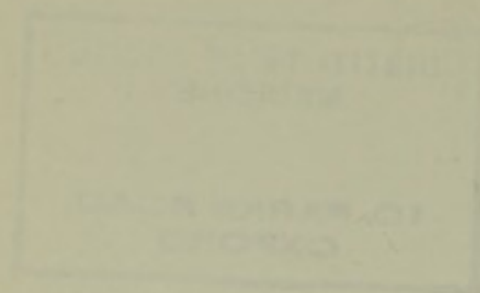
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REPORT OF THE SCHOOL MEDICAL OFFICER

FOR THE

YEAR ENDED 31ST DECEMBER, 1948.

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

Ladies and Gentlemen,

It is my privilege to present my Annual Report on the work of the School Health Service for the year ended 31st December, 1948.

Much of the work for the year was undertaken under the direction of the late Dr. A. Robb Forrest, Medical Officer of Health and School Medical Officer since January, 1939. His untimely death in June, 1948, has lost to the community an able Medical Officer and a true friend.

1948 has seen many changes in the structure of the School Health Service, not all of which, unfortunately, have been for the better.

On the credit side there has been the opening of the Thwaite Street School for Educationally Sub-normal Pupils and the establishment of a Child Guidance Centre. Both these projects have fulfilled a long felt need and have afforded facilities for dealing with a category of pupil who tended to be pushed in the background to his own detriment and the detriment of his classmates alike.

The National Health Service Act has made available hospital beds hitherto difficult of access to Barrow children and is particularly true in regard to hospitalisation of certain forms of Tuberculosis.

On the debit side is the most unsatisfactory state of the Supplementary Ophthalmic Service in relation to School Children. It is hoped that the priority scheme now introduced will provide the remedy and that no permanent harm will result from eye conditions, diagnosed but untreated through delay in the provision of spectacles.

Since August, 1948, the Authority has been without the services of a Chief Dental Officer. Repeated advertisement has failed to fill the vacancy and as a result the Assistant Dental Officer has found it necessary to devote her whole time to dealing with established dental defects.

Routine inspection in Schools has been abandoned, which is singularly unfortunate in view of the efficient system of preventive treatment built up over a period of years with the resultant good and ever improving dental state of Barrow School Children.

The Medical Staffing problem has caused me considerable concern. At no time during the period under review has there been a full complement of Medical Officers, and at times there has been no effective Assistant Medical Staff at all.

Again repeated advertisement has failed to improve the position, which is bound to reflect adversely on the efficiency of the School Health Service, and ultimately on the health of the children themselves.

In conclusion, I should like to express my sincere thanks to members of the Education Committee, the Chief Education Officer and his Staff, and to 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 :	A. ROBB FORREST, M.D., D.P.H. (Died 22-6-48).
	G. G. DICKIE, M.B., Ch.B., D.P.H. (Appointed 5-8-48).
Asst. School Medical Officers :	DOROTHY G. STEWART, M.B., Ch.B. (Appointed Deputy Medical Officer of Health 5-10-48).
	JOSEPH H. C. CORR, L.R.C.P. & S., L.R.F.P. & S. (Appointed 1-12-48).
	F. KLOPSTOCK, M.D. (Temp. part-time).
Chief Dental Officer :	J. HUGHLINGS DAVIES, L.D.S. (Resigned 18-8-48).
Assistant 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 M. SCOTT, S.R.N., S.C.M. (H.V. Cert.)
	NURSE M. QUINN, S.R.N., S.C.M. (H.V. Cert.).
	NURSE L. JACKSON, S.R.N. (Temp.).
School Cleansers :	MRS. STABLES.
	MRS. LIVERSEDGE.
Ophthalmic Officer (part-time) :	HERBERT C. KODILINYE, M.B., Ch.B., D.O. (Oxon), D.O.M.S. (Eng.).
Ear, Nose and Throat Consultant (part-time):	JOHN MAGILL, M.B., Ch.B., D.L.O.

SCHOOL PROVISION.

Average number of children on the school register:—9,696.

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.

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).

Convent of the Sacred Heart of Mary Preparatory School.
 Convent of the Sacred Heart of Mary High School.

Average number of children on the school register :—320.

SCHOOL CLINICS.

MINOR AILMENT AND SPECIAL INSPECTION CLINIC.	Municipal Clinic, 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 Saturday.
OPHTHALMIC CLINIC.	Municipal Clinic, Abbey Rd.	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, Thursday and Saturday, 9-0—12 noon. Tuesday and Thursday, 2-0—5-0 p.m.
IMMUNISATION CLINIC	do.		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. 9-0—12 noon, Saturday.
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.	52, Paradise Street.	Treatment of all cases of malnu- trition, anæmia, etc., referred from routine medical in- spection or minor ail- ment and special inspection clinics.	2-0 p.m. Tues- day & Thurs- day.
MASSAGE AND REMEDIAL EXER- CISES CLINIC.	52, Paradise Street. North Lon- sdale Hos- pital.	Treatment of all cases with postural defects, flat foot, etc., referred from orthopædic clinics, routine medical in- spections or minor ailments and special inspection clinics.	2-0 p.m. Mon- day and Fri- day. 2-0 p.m. Wednesday.
TUBERCULOSIS CLINIC.	64, School Street.	Examination and treatment of all cases referred from routine medical inspection or minor ailment and special inspection clinics.	2 - 0 p . m . Friday.
EAR, NOSE AND THROAT CLINIC.	North Lonsdale Hospital.	Examination and treatment of all Ear, Nose and Throat defects referred from routine medical in- spection 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.

The new standard record card, approved by the Ministry of Education, is in use and requires a considerable amount of extra clerical work on the part of Medical Officers and Office Staff alike. Of the time available for medical inspection, approximately one half is devoted to recording clinical findings.

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, is open to differences of opinion on the part of individual Medical Officers, and is not of great value for comparative purposes.

The scheme for ascertaining the average height and weight of each age group year by year, introduced in 1947, has been continued and comparative tables are given below.

From these it is difficult to draw any hard and fast conclusion in view of the comparatively small numbers of children involved (1,618), but it is obvious that no great change in general physique has taken place during the past 9 years.

The figures suggest that the average child is not quite so tall, but rather heavier than was the case in 1939.

Age Group	Average Height in inches			Average Weight in lbs.		
	1939	1947	1948	1939	1947	1948
4	42.0	42.0	40.9	41.8	40.7	38.2
5	42.0	42.6	42.3	40.4	41.5	40.1
6	44.7	44.2	43.5	45.2	45.3	42.1
7	46.9	47.1	47.6	51.7	49.8	51.3
8	48.8	48.8	49.1	54.8	53.9	54.7
9	51.0	52.5	51.0	58.4	63.0	60.5
10	53.3	53.7	53.5	68.1	68.4	67.9
11	55.8	54.7	54.8	74.7	73.4	74.2
12	58.3	57.0	56.3	85.8	84.0	78.1
13	59.3	60.7	59.9	92.8	93.3	95.9
14	59.9	61.5	61.0	109.0	101.25	104.9
15	62.9	63.6	63.2	112.9	117.80	117.5
16	63.1	63.7	63.1	113.1	120.20	119.3
17	63.5	64.2	64.5	118.0	120.97	128.5

SECTION 3.

ARRANGEMENTS FOR TREATMENT.

MINOR AILMENTS CLINIC AND SPECIAL INSPECTION.

The scheme for dealing with children is as follows :—

The clinic is held daily at the Municipal Clinic, Abbey Road.

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 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.

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

During the year, 6,799 children made 13,464 attendances under the different Groups as follows :—

	No. of individual children attending	No. of Attendances
Group 1	6068	12548
Group 2	312	497
Group 3	85	85
Group 4	334	334

The various out-patient clinics of the North Lonsdale Hospital were also available to school children and during the year 621 children made 3,939 attendances.

EAR, NOSE AND THROAT DEFECTS.

Mr. John Magill, M.B., Ch.B., D.L.O., remained the Consultant Ear, Nose and Throat Surgeon to the Education Authority until 5th July, when, in accordance with the National Health Service Act of 1946, the Manchester Regional Hospital Board became responsible for Specialist Services.

By mutual arrangement, separate weekly clinics for school children were continued. Fifty such clinics were held, at which 579 children made 1,185 attendances.

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.

In addition, the following cases were dealt with :—

EAR

Mastoidectomy	....	....	....	....	....	20
Paracentesis	....	....	....	....	....	19

NOSE

Caldwell-Luc	....	....	....	....	....	4
Antrum Washout	26
Fracture Nose	2

THROAT

Tonsillectomy and Adenoidectomy	375
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OPHTHALMIC CLINICS

The arrangement whereby the Clinics held by Mr. H. C. Kodilinye are supplemented as necessary by clinics conducted by Dr. John Ware remains in force and it has therefore been possible to deal expeditiously with all children referred by reason of defective vision.

Unfortunately the treatment side has lagged behind since the introduction of the Supplementary Ophthalmic Service. At the end of the year approximately two-thirds of the children known to have defective vision and for whom spectacles had been prescribed were still awaiting their provision.

The Orthoptic Clinic, referred to in last year's report, has not yet been provided, the project having been given a low priority by the Manchester Regional Hospital Board.

An attempt has been made, however, with the provision of simple apparatus to afford rudimentary orthoptic facilities at the School Clinic. Having regard to the fact that an Orthoptist is not available, some excellent remedial work has thus been carried out.

The following is the report of the Ophthalmic Surgeon on his work during the year :

" The Ophthalmic Clinic was conducted on similar lines as in the previous year. The year saw the introduction of the National Health Service, which was accompanied by some alteration in the method of providing glasses for school children. Since 5th July, 1948, children have been provided with glasses through the Supplementary Ophthalmic Service. The eye test is carried out at the clinic and the prescription for glasses forwarded by the Ophthalmic Services Committee to the child's parent, who is asked to order the glasses through any optician of her choice whose name is on the list of the Committee.

The total number of clinics conducted during the year was 139, and the number of attendances amounted to 1,405. 704 children had their eyes tested; 637 of these were of school age and 67 of pre-school age. 663 prescriptions for glasses were issued.

The different varieties of refractive errors met with were: hypermetropic astigmatism, 42%; hypermetropia, 19.2%; myopic astigmatism, 15.3%; myopia, 15.3%; mixed astigmatism, 8.2%. About 20% of all children examined at the clinic suffered from squint of various kinds, the commonest being the convergent accommodative type. Miss Quinn, the Ophthalmic Nurse, did excellent work in connection with training exercises of the squinting children, and the good results achieved were a tribute to her patience and diligence. All the children who needed operation for their squint were admitted to the North Lonsdale Hospital under my care, and operated upon with successful results.

Apart from conjunctivitis, the commonest eye condition encountered in infants under one year was dacryocystitis, due to blockage of the tear passage at birth. 27 cases occurred during the year, as compared with 28 in the previous year. All were treated surgically at the North Lonsdale Hospital with complete success.

I take this opportunity to thank Dr. Ware for his invaluable assistance in the work of the department, and also Nurses Quinn and Jackson for their help and co-operation during the year."

SQUINTS

Right Convergent	46
Right Convergent with Nystagmus	1
Right Convergent with Amblyopia and Hypermetropic Astigmatism	1
Right Convergent, old	1
Right Convergent, old, with Hypermetropic Astigmatism	1
Right Convergent with Ptosis	1
Right Convergent with Amblyopia	2
Left Convergent	68
Left Convergent with Amblyopia	5
Left Convergent with Gross Suppression	1
Left Convergent with Hypermetropic Astigmatism	2
Left Convergent with Left Myopia	4
Divergent Right	4
Alternating	20

REFRACTIONS

Anisometropia	2
Hypermetropia	83
Hypermetropia with Left Amblyopia	1
Hypermetropic Astigmatism	184
Hypermetropic Astigmatism with Right Convergent Squint	1
Hypermetropic Astigmatism with Left Myopia	1
Hypermetropic Astigmatism with Right Myopia	1
High Compound Hypermetropic Astigmatism	1
Myopia	66
High Myopia and Corneal Scars	1

Myopia, Left Cataract and Optic Atrophy	1
Myopic Astigmatism.....	66
Right Myopic Astigmatism with Left Hypermetropic Astigmatism	3
Right Myopic Astigmatism with Left Myopia	1
Mixed Astigmatism	36
Right Mixed Astigmatism with Left Hypermetropic Astigmatism	1
Paresis Ext. Rectus Right and Left	2
Congenital Ptosis	1
Left Congenital Paresis Abducens	1
Congenital Cataract Right and Left with Hypermetropic Astigmatism	1
Congenital Nucl. Cataract Right and Left with Hyper- metropic Astigmatism	1
Nystagmus	2
Nystagmus with Myopic Astigmatism	1
Old Chorioiditis	2
Old Central Chorioiditis	1
Left Corneal Scars with Post Synechia	1
Corneal Opacities with Mixed Astigmatism	1
Migraine	2
Right Microphthalmos with Conv. Strabismus	1
Congenital Incomplete Coloboma Left Iris with Hyper- metropia	1
Right and Left Optic Atrophy	1
Epicanthus	1
Right Congenital Cataract	1
Chronic Blepharitis	1
Emmetropia	2
Glasses not necessary	7

TREATMENTS

Conjunctivitis	8
Right Conjunctivitis	6
Left Conjunctivitis	3
Angular Conjunctivitis	1
Right Follicular Conjunctivitis	1
Right Phlyctenular Conjunctivitis	2
Left Phlyctenular Conjunctivitis	1
Bilateral Blepharo-Conjunctivitis	5
Blepharitis	16
Right Chronic Blepharitis	3
Chronic Squamous Blepharitis	1
Slight Squamous Blepharitis	1
Bilateral Blepharitis and Right Phlyctenular Ophthalmia	1
Bilateral Epiphora	1
Right Superior Canaliculitis	1
Left Corneal Ulcer	1
Right Corneal Ulcer	1
Foreign Body, Right Eye	6
Foreign Body, Right Cornea	1
Foreign Body, Left Upper Lid	1
Right Subconjunctival Eccymosis	1
Right Acute Meibomian	2
Multiple Styes	1
Recurrent Styes	15

Stye Right Upper Lid Incised and Drained	....	....	....	1
Trauma Right Eye	....	....	....	2
Trauma Left Eye	....	....	....	1
Trauma Right Supraorbital Margin	....	....	....	1
Occlusion Right Convergent Squint	....	....	....	2
Occlusion Left Convergent Squint	....	....	....	1
N.A.D.	....	....	....	2

ORTHOPÆDIC CLINIC.

The Medical Superintendent of Ethel Hedley Hospital, Windermere, attends the Municipal Clinic in Barrow every two months 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 112 school children made 176 attendances.

REMEDIAL EXERCISES, MASSAGE AND ULTRA-VIOLET THERAPY.

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

Massage and Ultra Violet Light Clinics are held at 52, Paradise Street.

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	.... 117	1336
Massage	.... 38	826
Remedial Exercises	.... 418	3154

HOSPITAL TREATMENT.

Prior to 5th July, 1948, the arrangements outlined in last year's report remained in force. Since the appointed day for the introduction of the National Health Service Act, hospital treatment has been free of charge and the arrangements referred to above have been cancelled, both in respect of in-patient and out-patient treatment. The change-over from the old to the new system was effected smoothly.

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)	788
No. of examinations and re-examinations (cleanliness, etc.)....	32649
No. of home visits	1407
No. of attendances at Minor Ailment and Inspection Clinic	924
No. of attendances at Ophthalmic Clinic	140

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

SCHOOL.	No. of Examinations.	Instances of Uncleanli- ness.	Percentage. Unclean.	
			1948.	1947.
Alfred Barrow Boys'	1086	16	1.4	2.4
Alfred Barrow Girls'	883	94	10.6	13.6
Barrow Island Infants'	624	68	10.9	12.9
Barrow Island Junior	774	91	11.7	17.1
Blake Street Infants'	900	107	11.9	15.2
Boys' Grammar ....	....	....	....	....
Cambridge Street Infants'	1018	96	9.4	6.8
Cambridge Street Junior	804	79	9.8	8.4
Girls' Grammar	450	18	4.0	8.6
Hawcoat Junior	335	43	12.8	10.4
Holker Modern	269	1	0.3	2.4
Ocean Road J. & I.	1205	18	1.4	2.0
Oxford Street Junior	1495	66	4.4	7.0
Rawlinson Street Infants'	768	83	10.8	14.8
Rawlinson Street Junior Boys'	1003	51	5.0	4.9
Rawlinson Street Junior Girls'	1096	167	15.2	25.0
Risedale Modern	957	87	9.0	7.9
Roose J. & I.	506	18	3.5	2.6
Sacred Heart	1156	206	17.8	22.1
St. Columba's	339	9	2.6	8.0
St. George's	802	78	9.7	16.3
St. James' Junior	962	90	9.3	15.0
St. Mary's Infants'	473	48	10.1	20.3
St. Mary's Boys'	596	32	5.4	12.9
St. Mary's Girls'	472	78	16.5	33.7
St. Patrick's	649	51	7.8	19.1
St. Paul's	492	3	0.6	1.5
Technical	218	1	0.4	....
Thwaite Street Infants	769	54	7.0	11.7
Vickerstown J. & I.	1819	80	4.4	7.9
Victoria Infants....	827	36	4.3	4.5
Victoria Modern	1019	139	13.6	25.7
Walney Modern	693	20	2.8	6.5
Total	25459	2028	7.9	11.4

Barrow Island Nursery	....	502	42	8.3	11.0
Convent Junior	....	358	4	1.1	2.8
Convent Senior	....	532	22	4.1	7.3
Open Air	....	513	23	4.4	2.9
Thwaite Street Special	....	159	21	13.2	....
Total	....	2064	112	5.4	5.5
Grand Total	....	27523	2140	7.7	10.9

The number of school children treated during the year for Scabies was 217.

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 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 1948 :

Diphtheria	....	6
Scarlet Fever	....	134

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 reinforcing dose of toxoid at the age of four and a half years, prior to entering school.

The special campaign for mass administration of reinforcing doses in schools launched in the latter part of 1947 was completed at the beginning of the year, when a further 1,427 children were dealt with.

During the year, 309 courses of immunisation and 46 reinforcing doses were administered at the clinic. In addition, 6 courses of immunisation and 1 reinforcing dose were administered by General Practitioners participating in the arrangements made by the Local Health Authority under the National Health Service Act, 1946.

68.6% of the population between 5 and 15 is now estimated to have been immunised.

TUBERCULOSIS.

On 31st December, 1948, a total of 50 notified cases of Tuberculosis of all types arising in children of school age was on the Tuberculosis Register. This represents a decrease of 7% on the figures for the preceding year.

Of this number 5 boys and 3 girls were receiving in-patient treatment, and the remainder (24 boys and 18 girls) were under supervision at the Chest Clinic.

Classification according to sex and type of disease is as follows :—

	1947		1948	
	Male	Female	Male	Female
Pulmonary	2	1	3	1
Neck Glands	18	14	17	12
Abdominal ....	....	3	....	3
Bones and Joints	10	6	9	5
	30	24	29	21

In addition to the above, 177 school children were under constant supervision as suspect cases or as contacts of proved cases of Tuberculosis.

There was no death attributable to Tuberculosis among school children during 1948.

Four new cases of Tuberculosis arising in school children were notified during the year, and 8 cases notified in previous years were removed from the Tuberculosis Register as cured.

Since the introduction of the National Health Service Act, arrangements for treatment of Tuberculous school children have undergone considerable improvement.

Hospital beds hitherto inaccessible to Barrow patients are now available and although there is still a small waiting list for pulmonary cases, other forms of Tuberculosis have been admitted almost immediately diagnosis has been established.

The Open Air School at Roa Island is used extensively for post Hospital treatment of all forms of Tuberculosis in school children, with highly encouraging results.

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 majority of examinations were concerned with Delicate and Educationally Sub-normal Pupils, for whom, in respect of the latter, the Authority opened a Special School (Day) in 1948.

Details of examinations held are as follows :

BLIND, PARTIALLY SIGHTED, DEAF, PARTIALLY DEAF, DIABETIC, EPILEPTIC,
PHYSICALLY HANDICAPPED PUPILS.

Several cases for whom it was thought special educational treatment might be necessary were examined, but none were found to be so handicapped as to require their classification as handicapped pupils.

EDUCATIONALLY SUB-NORMAL PUPILS.

No. examined during the year	59
Recommended for—	
Education in an ordinary school	5
Education in an ordinary school with Special Educational treatment as an Educationally Sub-normal Pupil...	12
Education in a Special School for Educationally Sub-Normal Pupils	38
Report to the Local Authority for the purposes of the Mental Deficiency Act under—	
(i) Sub. Sec. 3 of Sec. 57 Education Act, 1944	2
(ii) Sub. Sec. 5 of Sec. 57 Education Act, 1944	2

DELICATE PUPILS.

The number of pupils attending the Authority's Open Air School remained at 119 throughout the year.

The school continues to be visited once per term by a Medical Officer, who examines all the children, and at more frequent intervals by a School Nurse.

Breakfast and dinner are served at the school, and Milk, Malt and Oil, Glucose, Iron Tablets and Vitamins are given during the course of the day. Provision is also made for a daily rest period.

Special transport conveys the pupils to and from school.

During the year 67 pupils were admitted and a similar number discharged as fit to attend ordinary schools.

MALADJUSTED PUPILS.

A Child Guidance Centre was opened during the year, staffed by an Educational Psychologist and a Social Worker.

Close liaison with the Manchester Regional Board's Psychiatric Clinic held at the North Lonsdale Hospital has been maintained and reciprocal arrangements for referring pupils from one clinic to the other were introduced.

The Centre has not been established sufficiently long to allow of authoritative comment on the results obtained. There is little doubt, however, that children who hitherto were allowed to drift have derived new interests under the guidance given and there is every reason to believe that all that was anticipated when the Centre was opened will ultimately be fulfilled.

PUPILS SUFFERING FROM A SPEECH DEFECT.

Despite the most energetic steps taken, it still has not been possible to obtain the services of a Speech Therapist. Consequently, although there are several pupils within the schools who would benefit from Speech Training, no special service is available to them.

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

During the year 8,404 children were inspected and only 36% of these were found to require treatment, showing a marked improvement on previous years. 79% of the selected children accepted treatment. Special note

was made of the condition of the teeth of children of five years of age and the percentage of children in this age group with perfect teeth was found to compare favourably with that of other areas, as published in the Dental Journal.

The demand for Orthodontic treatment is still increasing and 19 appliances were supplied, with encouraging results. 16 partial dentures were supplied and 9 children were referred to the North Lonsdale Hospital for X-Ray.

Since the departure in August of Mr. Davies, the Chief Dental Officer, it has been impossible to devote as much time to routine inspection, and there has been a corresponding increase in the number of casual patients. We are indebted to Mr. Davies for his continued attendance for general anæsthetic sessions on Saturday mornings.

DENTAL TREATMENT : ACCEPTANCE RATE.

SCHOOL	Number Inspected	Number Selected for Treatment	Number Consenting to Treatment	Percentage Consenting
Open Air School	95	28	27	96.4
St. Mary's Girls' Vol. R.C.	140	60	56	93.3
Victoria Modern	212	87	80	91.9
Barrow Island I. County	220	61	55	90.1
Technical	200	76	68	89.4
St. Mary's I. Vol. R.C.	140	49	43	87.7
Rawlinson Street I. County	221	65	57	87.6
St. James' J. Vol. C. of E.	306	100	87	87.0
Roose J. & I. County	160	60	52	86.6
Oxford Street J. County	475	179	153	85.4
Sacred Heart M. & I. Vol. R.C.	321	110	94	85.4
Cambridge Street J. County	412	173	147	84.9
St. Paul's J. & I. Vol. C. of E.	178	45	38	84.4
Hawcoat J. & I. County	215	82	69	84.1
Rawlinson Street J. B. County	332	122	100	81.9
Barrow Island J. County	250	77	63	81.8
St. Patrick's M. & I. Vol. R.C.	127	47	38	80.8
St. George's J. & I. Vol. C of E.	102	43	34	79.0
Grammar School for Boys	475	196	154	78.5
Ocean Road J. & I. County	329	142	111	78.1
Vickerstown J. & I. County	412	141	110	78.0
Thwaite Street I. County	255	80	62	77.5
Holker Modern	231	80	62	77.5
Blake Street I. County	268	81	62	76.5
Barrow Island Nursery	98	12	9	75.0
Alfred Barrow Boys' Modern	296	98	73	74.4
Cambridge Street I. County	298	98	71	72.4
Victoria I. County	252	87	63	72.4
Risedale Modern	290	136	98	72.0
Walney Modern	202	77	55	71.4
Rawlinson Street J. G. County	326	143	100	70.0
St. Mary's Boys' Vol. R.C.	183	51	35	68.6
Convent	282	106	72	67.9
St. Columba's M. & I. Vol. R.C.	101	40	24	60.0
Totals	8404	3032	2422	79.8

SECTION 8.

MISCELLANEOUS.

PHYSICAL TRAINING, SWIMMING AND ORGANISED GAMES.

During the year the Local Education Authority have purchased 10 sets of Essex Agility Apparatus for use in junior schools; all junior schools are now equipped with this apparatus. Scrambling nets have been provided for one infant school. Six additional football pitches have been taken into use.

The hall of the John Whinnerah Institute has been fully equipped with fixed and portable gymnastic equipment for use as a hall-gymnasium by senior girls from Roman Catholic schools, nursery students and the Department of Women's Arts and Crafts.

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

PROVISION OF MILK AND MEALS.

(a) Average number of children receiving milk daily	7891
(b) Number of $\frac{1}{2}$ pint bottles of milk delivered and consumed	1571173
(c) Average number of children receiving meals per school day	3950
(d) Total number of meals supplied during year	860750
(e) Number of centres supplying meals	31

SECTION 9.

STATISTICAL TABLES.

The following statistical returns for the year ended 31st December, 1948, 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	1035
Second Age Group	712
Third Age Group	554
Total	2301
Number of other Periodic Inspections	1858
Grand Total	4159

B—OTHER INSPECTIONS.

Number of Special Inspections	803
Number of Re-Inspections	838
Total	1641

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	3	465	363
Second Age Group	43	217	203
Third Age Group....	53	134	135
Total (prescribed groups) 99		816	701
Other Periodic Inspections 113		726	615
Grand Total	212	1542	1316

TABLE II.

A—RETURNS OF DEFECTS FOUND BY MEDICAL INSPECTION
IN THE YEAR ENDED 31st DECEMBER, 1948.

Defect Code No.	Defect or Disease	PERIODIC INSPECTIONS		SPECIAL INSPECTIONS	
		No. of defects		No. of defects	
		Requiring treatment	Requiring to be kept under ob- servation but not requiring treatment	Requiring treatment	Requiring to be kept under ob- servation but not requiring treatment
(1)	(2)	(3)	(4)	(5)	
4	Skin	70	37	83	1
5	Eyes (a) Vision	212	282	3	—
	(b) Squint	95	59	—	—
	(c) Other	51	49	11	—
6	Ears (a) Hearing	51	9	4	2
	(b) Otitis Media	26	3	43	—
	(c) Other	6	1	59	—
7	Nose or Throat	385	118	67	4
8	Speech	7	60	1	1
9	Cervical Glands	140	138	15	2
10	Heart & Circulation	158	45	38	5
11	Lungs	52	56	23	4
12	Developmental—				
	(a) Hernia	2	—	1	—
	(b) Other	1	36	—	—
13	Orthopædic—				
	(a) Posture	51	3	3	1
	(b) Flat Foot	276	4	4	—
	(c) Other	39	178	18	3
14	Nervous System—				
	(a) Epilepsy	1	4	1	2
	(b) Other	26	18	23	—
15	Psychological—				
	(a) Developm'tal	70	25	52	4
	(b) Stability....	1	1	—	—
16	Other	34	24	187	2

B—CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS
INSPECTED DURING THE YEAR IN THE AGE GROUPS.

Age Groups	Number of Pupils Inspected	A. (Good)		B. (Fair)		C. (Poor)	
		%		%		%	
		No. of col. 2		No. of col. 2		No. of col. 2	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Entrants	1035	247	23.9	472	45.6	316	30.5
Second Age Group	712	298	41.9	254	35.7	160	22.4
Third Age Group	554	252	45.5	211	38.1	91	16.4
Other Periodic Inspections	1858	669	36.0	677	36.4	512	27.6
Total	4159	1466	35.2	1614	38.8	1079	26.0

TABLE III.
TREATMENT TABLES.

GROUP 1—MINOR AILMENTS (EXCLUDING UNCLEANLINESS, FOR WHICH SEE
TABLE V).

	Number of Defects treated, or under treatment during the year.
SKIN—	
Ringworm (Scalp)—	
(i) X-Ray treatment	40
(ii) Other treatment	16
Ringworm (Body)	74
Scabies	217
Impetigo	41
Other skin diseases	1018
Eye Disease	185
(External and other, but excluding errors of refraction, squint and cases admitted to hospital).	
Ear Defects	177
Miscellaneous	4293
(e.g. minor injuries, bruises, sores, chilblains, etc.)	
Total	6061
(b) Total number of attendances at Authority's minor ailments clinics	12548

No. of Pupils for whom spectacles were (a) Prescribed	xxxx	xxxx	xxxx	xxxx	605
(b) Obtained	xxxx	xxxx	xxxx	xxxx	605

	Total No. treated
Received operative treatment—	
(a) for adenoids and chronic tonsillitis	375
(b) for other nose and throat conditions	34
Received other forms of treatment	—
Total	409

(a) No. treated as in-patients in hospitals or hospital schools	11
(b) No. treated otherwise, e.g., in clinics or out-patient depts.	479

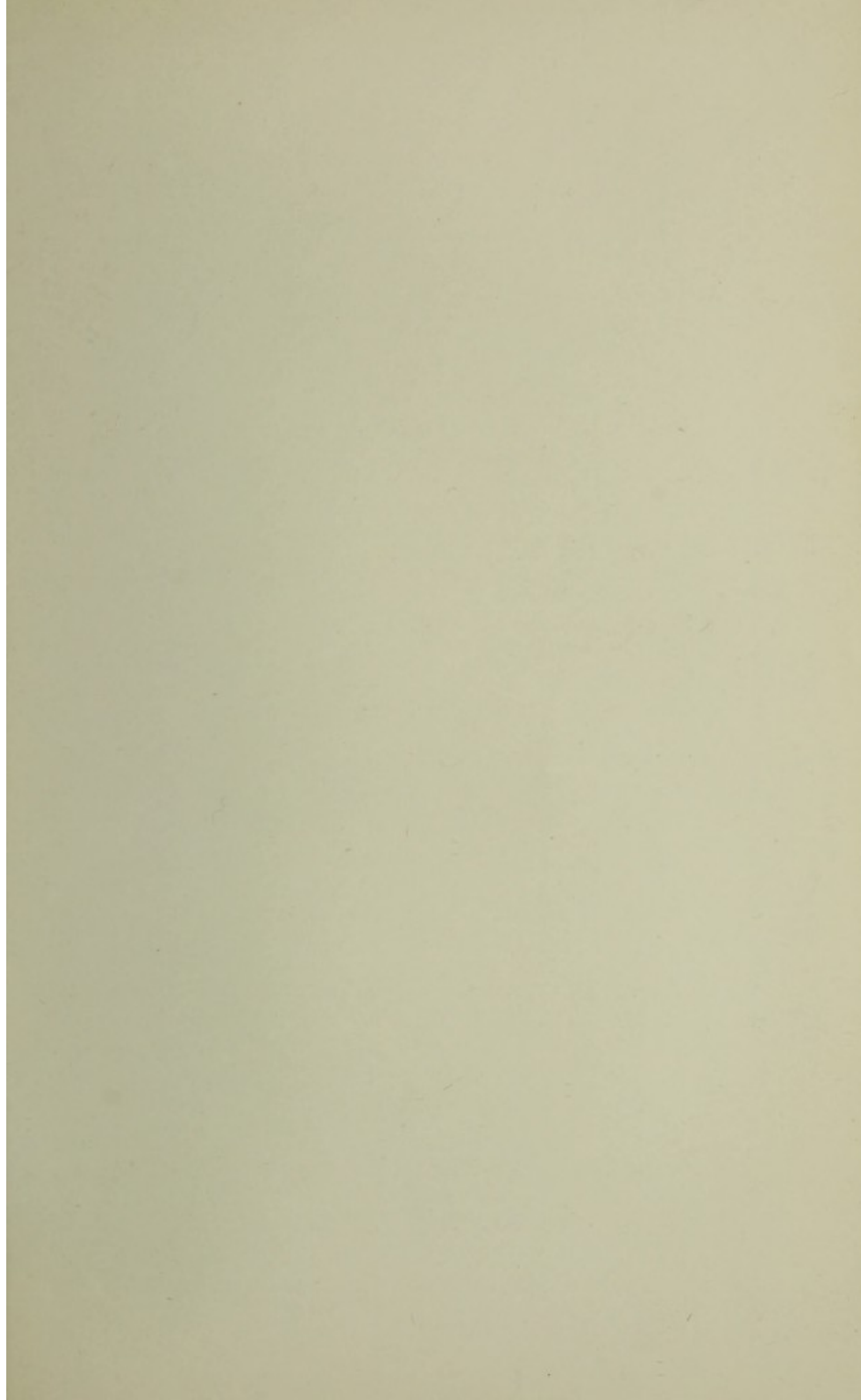
No. of pupils treated	(a) under Child Guidance arrangements	3
	(b) under Speech Therapy arrangements	—

(1)	Number of pupils inspected by the Authority's Dental Officers	
	(a) Periodic age groups	8404
	(b) Special	1522
	(c) Total (Periodic and Specials)	9926
(2)	Number found to require treatment	4554
(3)	Number actually treated	4395
(4)	Attendances made by pupils for treatment	6646
(5)	Half-days devoted to : (a) Inspection	61
	(b) Treatment	623
	Total (a) and (b)	684
(6)	Fillings	
	Permanent Teeth	2668
	Temporary Teeth	30
	Total	2698

(7) Extractions	Permanent Teeth	322
	Temporary Teeth	2347
Total		2669
(8) Administration of general anæsthetics for extraction		251
(9) Other Operations :	(a) Permanent Teeth	515
	(b) Temporary Teeth	847
	Total (a) and (b)	1362

TABLE V—INFESTATION WITH VERMIN.

(i) Total number of examinations in the schools by the school Nurses or other authorised persons	31708
(Primary, 27523, Re-examinations, 4185)	
(ii) Total number of individual pupils found to be infested	1088
(iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944)	377
(iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944)	23



(7) Extractions	Permanent Teeth	133
	Temporary Teeth	1967
	Total	2100
(8) Administration of general anesthesia for extraction		231
(9) Other Operations	(a) Permanent Teeth	115
	(b) Temporary Teeth	337
	Total (a) and (b)	452

TABLE V - INFORMATION WITH VERMIN

(1) Total number of examinations by the dental department and other authorized persons (Primary, 1943, 44; Secondary, 1943)	21700
(2) Total number of individual people listed in the dental department	1000
(3) Number of individual people in report of a dental examination (Section 54 (2), Education Act, 1944)	371
(4) Number of individual people in report of a dental examination (Section 54 (2), Education Act, 1944)	24

