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Contributors

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INSTITUTE OF SOCIAL
MEDICINE

10, PARKS ROAD,
OXFORD

NORTH RIDING OF YORKSHIRE COUNTY COUNCIL
EDUCATION COMMITTEE

ANNUAL REPORT

OF THE

School Medical Officer

FOR THE YEAR

1950



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INTRODUCTION.

To the Members of the North Riding Education Committee.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit my report on the school health service for the year 1950. It has been prepared on the same lines as the report of previous years and the report of the divisional medical officer on the service in the area of the Scarborough Divisional Executive is appended. Except where otherwise stated the figures given in this report do not relate to schools in the Scarborough Division.

With regard to professional staff I was able to report last year that in ten divisions of the County were served by a district medical officer with responsibilities to the local education authority, local health authority, and one or more local sanitary authorities. This satisfactory state of affairs was suddenly interrupted during 1950, by the deeply regretted death of Dr. N. M. Macdonald at the end of May, and by the unfortunate illness of Dr. Ross-Key throughout the year. Dr. H. Pattinson was appointed to the vacancy in Redcar in December. The school health work in Dr. Ross-Key's area was largely undertaken by Dr. Doris M. Todd.

Other staff changes were the resignation of an assistant school medical officer at the end of January and the appointment of a similar officer during the following month. Two dental officers resigned during the year. A part-time dental officer was appointed in June and a full-time officer in September.

Specialist advice and treatment continued to be available to school children through specialists employed by the Regional Hospital Board, some of whom held consultant sessions at clinics provided by this Authority. Increased benefit was derived from the valuable work of the orthopaedic surgeons by the appointment of two orthopaedic nurses for duty entirely in relation to the care and supervision of children suffering from orthopaedic defects. The two nurses in question attend all clinic sessions held by the orthopaedic surgeons and by holding additional clinic sessions themselves and paying home visits ensure that the surgeon's recommendations are carried out.

Miss I. M. S. Knight, an experienced speech therapist, commenced duty in the second quarter of the year, and the assistant school medical officers have reported on the valuable results of the speech therapist's work.

There was a slight increase in the percentage of children who were found, at medical inspection, to have a defect of one kind or another. The assistant school medical officers, however, all report the health of the school children as being good. There was once more a reduction in the number of children classified as being in poor general condition.

The only disquieting feature with respect to infectious disease affecting the school population was the occurrence of poliomyelitis during the year. A localised epidemic of glandular fever occurred at a rural school in the district.

The decrease in the incidence of verminous conditions which was noted in my last report was maintained during 1950. This is in no small measure due to the continued efforts of the medical, and in particular, the school nursing staff. In this connection it is significant that a larger number of cleansing notices were issued and that for the first time several cleansing orders had to be made. There was a substantial drop in the number of cases of ringworm which were treated at Minor Ailment Clinics during the year.

Despite the shortage of personnel the school dental staff overtook a large volume of work during the year. The chief dental officer, however, points out in his report, that the dental officers had to concentrate mainly on emergency treatment for the relief of pain and sepsis, rather than on conservative treatment, wherein the great value of the school dental service is shown.

The redecoration of many schools was carried out with considerable advantage both as regards the appearance and cleanliness of the classrooms and the improved general lighting which suitable internal decoration gives. The pressing need in many of the rural schools continues to be the provision of satisfactory conditions of hygiene and sanitary services.

In conclusion I should like to record my appreciation of the loyal assistance given to me by all members of the staff in the school health service and my thanks for the co-operation and valued support extended by the staff of the Education department and the head teachers of schools during the year.

J. A. FRASER,
School Medical Officer.

County Hall,
Northallerton.

August, 1951.

I. GENERAL STATISTICS.

The Education Committee are responsible for primary and secondary education throughout the administrative county but certain functions relating to primary and secondary education are exercised by the Scarborough divisional executive in the area of the division, namely the municipal borough of Scarborough, the urban district of Scalby and the rural district of Scarborough.

Subject to the general direction of the Committee, the school health service in the Scarborough division is administered by the divisional executive and in this report statistics do not relate to the division unless specially mentioned as including the latter. For a complete picture of the services of the authority this report should be read in conjunction with the divisional school medical officer's report appended hereto.

Population of the administrative county (mid-year 1950)	..	376,177
No. of children on registers, primary schools, January, 1951	..	36,582
No. of primary schools January, 1951	.. .. .	324
No. of children on registers, secondary schools, January, 1951	..	11,505
No. of secondary schools, January, 1951	.. .. .	40

These figures include Scarborough division.

II. STAFF.

(i) Medical Officers.

The medical staff engaged on administrative or clinical duties in the school health service during the year was as follows.

J. A. FRASER, M.B., CH.B., D.P.H., School Medical Officer.

G. WALKER, M.B., CH.B., M.R.C.P.(E.), D.P.H., Deputy School Medical Officer

MARGARET D. CAIRNS, M.B., CH.B., D.P.H., Assistant School Medical Officer.

DORIS M. TODD, M.B., B.S., M.R.C.S., L.R.C.P., Assistant School Medical Officer.

MARGARET MULVEIN, M.B., CH.B., Assistant School Medical Officer, (resigned 31-1-50).

NOEL HAY, M.B., B.CH., B.A.O., (appointed 20-2-1950).

J. W. A. RODGERS, M.B., CH.B., D.P.H., Assistant School Medical Officer, also Medical Officer of Health, Borough of Thornaby-on-Tees.

J. A. DUNLOP, M.B., CH.B., D.P.H., Assistant School Medical Officer, also Medical Officer of Health, Eston U.D.

N. M. MACDONALD, M.B., CH.B., D.P.H. (died 29-5-1950), H. PATTINSON, (appointed 1-12-1950), Assistant School Medical Officer, also Medical Officer of Health, Borough of Redcar, and Saltburn and Marske U.D.

MEDICAL OFFICERS—continued.

- W. H. BUTCHER, M.D., D.P.H., Assistant School Medical Officer, also Medical Officer of Health, Guisborough U.D., Loftus U.D., and Skelton and Brotton U.D.
- B. SCHROEDER, M.B., CH.B., D.P.H., Assistant School Medical Officer, also Medical Officer of Health, Whitby U.D. and Whitby R.D.
- W. R. M. COUPER, M.B., CH.B., D.P.H., Assistant School Medical Officer, also Medical Officer of Health, Pickering U.D., Malton U.D., Pickering R.D., and Malton R.D.
- F. D. ROSS-KEYT, M.B., CH.B., D.P.H., Assistant School Medical Officer, also Medical Officer of Health, Flaxton R.D.
- W. SHARPE, M.B., CH.B., D.P.H., B.SC., Assistant School Medical Officer, also Medical Officer of Health, Northallerton R.D. and Leyburn R.D.
- A. PRIESTMAN, M.B., CH.B., D.P.H., Assistant School Medical Officer, also Medical Officer of Health, Borough of Richmond, Richmond R.D., Croft R.D., and Startforth R.D.

Scarborough Division.

- J. STOKOE, M.D., B.S., B.HY., D.P.H., Divisional School Medical Officer, also Medical Officer of Health, Borough of Scarborough, Scalby U.D., and Scarborough R.D.
- ELIZABETH R. CAMERON, M.B., CH.B., D.P.H., Assistant School Medical Officer.

Dental Surgeons.

- S. CRAVEN, L.D.S., Chief Dental Officer.
- A. D. CLARK, L.D.S.
- C. E. PLACE, L.D.S.
- P. W. THORNTON, L.D.S. (resigned 3-1-1950).
- I. J. FAULDS, L.D.S. (resigned 31-8-1950).
- C. G. LINGFORD, L.D.S., M.R.C.S., L.R.C.P., also Dental Anaesthetist.
- MISS D. M. BATEMAN, B.CH.D., L.D.S., R.C.S.
- R. B. STEEL, L.D.S., R.F.P.S. (Glas.), (appointed 1-9-1950).
- P. H. DRYLAND, L.D.S., Part-time, (appointed 15-6-1950).

Scarborough Division.

- J. C. CARR, L.D.S., R.C.S.
- D. BEWES ATKINSON, L.D.S., Part-time.

(iii) Specialist Officers. (Part-time).

- * Ophthalmic Surgeons .. J. A. MAGNUS, F.R.C.S., M.D., L.R.C.P.
 B. SHEEHAN, M.B., CH.B., D.O.M.S., B.S.C.
 A. E. P. PARKER, F.R.C.S., M.B., B.S.,
 M.R.C.S., L.R.C.P.
 J. S. GOURLAY, M.B., CH.B., L.R.C.P.,
 L.R.C.S., L.R.F.P.S.
 F. S. HUBBERSTY, F.R.C.S., M.B., B.CH.,
 M.R.C.S., L.R.C.P.
 J. P. HIGHAM, M.B., B.S., L.M.S.S.A.
 (retired).
 J. ELLISON, M.R.C.S., L.R.C.P.
- * Aural Surgeons .. J. B. T. KESWICK, M.B., CH.B.
 W. O. LODGE, M.D., F.R.C.S.
- * Orthopaedic Surgeon .. H. L. CROCKATT, M.B., CH.B.
- * Psychiatrist .. M. C. Gordon, M.B., CH.B., D.P.M.

(iv) Speech Therapist.

- Miss I. M. S. KNIGHT, F.C.S.T. (appointed 1-4-50).
 Scarborough Division .. vacancy.

(v) School Nurses.

The superintendent school nurse is also the superintendent health visitor and non-medical supervisor of midwives for the County Council and Local Health Authority.

There were 21 nurses on the whole time staff engaged on preventive health services and of these 18 were engaged on health visiting as well as school nursing.

Superintendent School
 Nurse ..

MISS G. BERRIDGE, S.R.N., S.C.M., A.R.S.I.

Assistant Superintendent
 School Nurses ..

MISS D. MILLER, S.R.N., S.C.M., H.V. Certif.
 MISS F. S. LEADER, S.R.N., S.C.M., H.V. Certif.

School Nurses ..

A. E. BARRY, S.R.N., S.C.M., H.V. Certif.
 D. M. BIRD, S.C.M., H.V. Certif.
 E. CROFT, S.R.N., S.C.M. (retired 15-12-1950)
 W. GARDINER, S.R.N., S.C.M., H.V. Certif.
 N. GARNES, S.R.N., S.C.M.
 A. GARTHWAITE, S.R.C.N., C.R.S.I.
 E. M. HURLEY, S.R.N., S.C.M., H.V. Certif.
 (resigned 5-5-1950).

* Services supplied by the Regional Hospital Board.

SCHOOL NURSES—*continued.*

C. A. JONES, S.R.N., S.C.M., H.V. Certif.
 A. C. NICOLL, S.R.N., H.V. Certif.
 H. PRATT, S.R.N., S.C.M., H.V. Certif.
 E. SNAITH, S.R.N., S.C.M.
 M. S. BENSON, S.R.N., S.C.M., H.V. Certif.
 V. H. MAZZEY, S.R.N., S.C.M., H.V. Certif.
 C. A. BARTRUM, S.R.N., S.C.M., H.V. Certif.
 (appointed 3-4-1950), (resigned 14-6-1950).
 M. WALSH, S.R.N., S.C.M., (appointed 11-1-1950).
 M. GILLILAND, S.R.N., H.V. Certif. (appointed
 3-4-1950) (resigned 14-6-1950).
 E. ALLAN, S.R.N., S.C.M., H.V. Certif. (appointed
 3-4-1950).
 E. ARMSTRONG, S.R.N., S.C.M., H.V. Certif.
 R. TINDALL, S.R.N., S.C.M., H.V. Certif.
 F. SMITH, S.R.N., S.C.M., H.V. Certif.
 H. M. BELL, S.R.N., S.C.M., H.V. Certif.
 S. R. TAYLOR, S.R.N., H.V. Certif.

Scarborough Division . . .

H. B. TAYLOR, S.R.N. (resigned 7-3-1950).
 L. DAWSON, S.R.N., S.C.M., H.V. Certif.
 H. M. MACDONALD, S.R.N., S.C.M., H.V. Certif.
 (appointed 5-6-1950).
 M. P. HODGSON, S.R.N., S.C.M., H.V. Certif.
 (appointed 17-7-1950).

i) **Orthopaedic Nurses.**
 (With clinic and after
 care visiting duties.)

C. CHAPMAN, S.R.N. (appointed 9-1-1950).
 B. D. ROWELL, S.R.N., S.C.M., ORTHOP. CERT.
 (appointed 1-5-50).

In the rural areas school nursing was undertaken by 83 nurses employed
 on home visiting, midwifery, and health visiting, *i.e.*, generalised duties.

The total equivalent of whole-time school nurses for the whole county
 is 25.

ii) **Dental Mechanics.**

R. G. HANSOM.
 P. A. LAZENBY, (appointed 1-3-1950).
 D. L. BAUGH, (Apprentice).
 J. D. WADE, (Apprentice, appointed 11-9-1950).

iii) **Dental Attendants.**

MRS. M. M. HODGSON.
 MISS D. MORTON.
 MRS. O. NELSON.
 MRS. V. E. CRANE.
 MRS. J. M. BRAMLEY, (resigned 11-3-1950).
 MISS N. MALLEN, (appointed 1-5-1950).

DENTAL ATTENDANTS—*continued*.

	MRS. S. M. MOORE, (resigned 31-1-1950).
	MISS M. ROBERTS, (appointed 1-5-1950).
Scarborough Division ..	MISS N. D. V. STOCKILL.
(ix) Chief Clerk ..	Mr. H. A. ROEBUCK, D.P.A.

III. MEDICAL INSPECTION OF PUPILS AT PRIMARY AND SECONDARY SCHOOLS.

(i) **General.**

On 31st December, 1950, there were 324 primary schools in the county including Scarborough; the number of departments was 355. There were 40 secondary schools.

After 5th July, 1948, the committee were responsible for providing education for pupils in hospital schools, which were previously provided by tuberculosis authorities and the governing bodies of certain long-stay voluntary hospitals.

The hospital schools in the Riding are as follows :—

	Number of Places	Age Range	Number of pupils (December, 1950)
Adela Shaw Orthopaedic Hospital, Kirbymoorside	125	3-16	88
Northallerton Orthopaedic Hospital	100	2-16	55
Thornton Lodge Sanatorium, .. Aysgarth	40	3-16	23
Poole Sanatorium ..	58	3-16	21

(ii) **School Hygiene.**

Assistant school medical officers, when visiting schools for routine medical inspections, reported on school premises and matters relating to environmental hygiene. Defects of fitting or equipment of 109 schools were brought to the notice of the secretary for education by the school medical officer.

In addition to the redecoration of many schools which has already been mentioned, minor defects of an urgent nature were quickly remedied after they had been reported.

Almost 100 schools in the North Riding are situated in rural districts which have no public sewerage system and do not have water carriage sanitation. This as well as adequate ablution facilities should be provided as public services become available. At certain all-age schools overcrowding of class rooms occurred. A high standard of caretaking is particularly important in these circumstances.

ii) Medical Inspection.

As in 1949 it was not possible in all areas to inspect all pupils in the five age groups which the Committee decided should be inspected. Accordingly attention was concentrated on the prescribed age groups (entrants, leavers primary, and leavers secondary), and the 7-8 and 12-13 age groups were inspected if time permitted.

FINDINGS OF MEDICAL INSPECTION.

Diseases and Defects.

Of the 19,123 children seen at periodic medical inspections, 3,869 were found to be suffering from a defect or disease (other than dental diseases and infestation with vermin). This represents 20·23% of all pupils inspected, and is higher than the corresponding figure for the previous year 19·79%. The increase occurred mainly with respect to entrants and the second age group.

The following table shows the number of pupils inspected and the number found to require treatment.

Group	Number of Pupils	
	Inspected	Found to require treatment (excluding dental diseases and infestation with vermin)
Entrants	4,753	1,126 (23·69%)
Second age group	3,561	699 (19·63%)
Third age group	2,757	462 (19·76%)
Total (prescribed groups)	11,071	2,287 (20·66%)
Other periodic inspections	8,052	1,582 (19·65%)
Grand Total	19,123	3,869 (20·23%)

Table II on page 26 shows details of the conditions found at medical inspections.

General Condition.

Without exception, the assistant school medical officers report favourably on the general condition and nutritional state of the children inspected. The number of pupils classified as being in poor general condition amounted to 4·9% of the county as a whole and 0·65% in the Scarborough Division. These figures are lower in each case than the corresponding figures for 1949. Hence more the percentage of children classified as in poor condition was highest in the entrant group, fell significantly in the second age group and was lowest in the third age group.

There is no doubt that the schools meals service has made a very valuable contribution to this satisfactory position. One assistant school medical officer comments on the improvement shown by a group of children of poor nutrition encountered after a period of having school meals.

Three outbreaks of diarrhoea affecting schoolchildren occurred during the year. In none of these outbreaks was any conclusive evidence discovered which involved the schools meals service as the cause of the children's illness although in one instance the results of the investigation suggested that the school meal might have been responsible. The school meals service maintains a high standard of care and precautions in the preparation, cooking and distribution of the dinners. The incidents reported above stress the importance of continued vigilance in this respect.

Milk in Schools.

In the light of the new milk legislation which was introduced at the end of 1949 I was instructed to arrange that as from the 1st June, 1950, the Chief County Health Inspector and his staff should take an active part in the supervision of school milk supplies. Every effort was made to discontinue as far as possible the use of raw ungraded milk by obtaining alternative pasteurised or tuberculin tested supplies. Whereas the percentage of schools in the Riding being supplied with milk other than pasteurised or tuberculin tested was 52% in April, 1950, it was 18% at the end of the year. Samples of tuberculin tested supplies were submitted for examination at six monthly intervals. Other supplies were sampled quarterly.

In October, 1950, there were 26,890 pupils taking school meals compared with 28,205 in 1949 and 27,898 in 1948. The extent of the committee catering activities in 1950 can be seen from the following table.

No. of children taking meals at school in October, 1950.

		Free	For Payment
SECONDARY			
Scarborough division	..	301	1,422
Remainder of Riding	..	712	4,612
PRIMARY			
Scarborough division	..	465	1,693
Remainder of Riding	..	2,759	14,926
Total		4,237	22,653

No. of children taking milk in school in October, 1950.

Scarborough	Primary	..	..	3,385
„	Secondary	..	..	1,592
Remainder of Riding	Primary	..	..	25,435
„	Secondary	..	..	5,555
				<hr/>
		Total	..	35,967
				<hr/>

Cleanliness.

In all 2,470 visits were paid to schools by nurses carrying out cleanliness surveys and 162,447 examinations were made. There were 2,263 home visits made in following-up cases of infestation found at these surveys. The vast majority of children seen at school medical inspections were clean. Several of the assistant school medical officers, however, report persistent hair infestation and point out that in many instances this occurs with respect to older girls about to leave school. The modern treatment of hair infestation is comparatively simple and is effective. Reinfestation, however, readily takes place. This reinfestation unfortunately may occur in the child's own home.

There was again a reduction in the incidence of scabies and impetigo.

The total incidence of ringworm which rose during 1949 fell again during 1950 although an appreciable number of cases occurred in certain areas.

Clothing and Footwear.

On the whole, clothing and footwear were of a satisfactory standard and adequate in quantity. Parents are becoming increasingly aware of the importance in the prevention of foot defects in later life of providing their children with well fitting shoes.

Following up.

The school nursing service continued to play an important part in the scheme for medical inspection and treatment of the school population.

The school nurses attended inspections in schools and followed up cases in which treatment was advised in order to encourage and if necessary assist parents to obtain proper attention for their children. In this connection 1,269 domiciliary visits were made and details of the defects and visits are shown below.

Condition	No. of defects found for which treatment was considered necessary	No. of home visits by School Nurses
Cleanliness of head	11	20
Cleanliness of body	4	10
Nutrition	24	43
Nose and Throat	1,017	1,354
External Eye Disease	36	48
Ear Disease	86	131
Teeth	4	5
Heart and Circulation	51	72
Lungs	70	90
Nervous System	23	28
Skin	22	20
Ringworm	4	9
Rickets	1	1
Deformities	143	239
Tuberculosis	23	46
Speech	25	40
Mental Condition	5	8
Vision and Squint	2,670	5,033
Hearing	20	28
Miscellaneous	43	44
Total ..	4,282	7,269

NOTE—Some of these cases are carried over from 1949 so that the totals do not coincide with those in the table at the end of the report ; the latter apply only to the year 1950.

TREATMENT OF DEFECTS.

Whereas the attendances at minor ailment clinics rose in 1949 as compared with 1948 there was a fall in the number of attendances at these clinics during the year under review from 21,925 in 1949 to 17,497 in 1950. It may be that the effect of the introduction of the National Health Service Act in 1948 which was not evident during 1949 has now become apparent. It will be of interest to observe the trend over the next year or so but meantime reports from the country as a whole do not suggest that the National Health Service has in any way made these clinics redundant.

Specialist sessions were held at the Authority's clinics throughout the year, the specialists being remunerated by the regional hospital board. Two immediate effects of the introduction of the National Health Service Act which have been mentioned in previous reports were the increased delay in children receiving spectacles after these had been prescribed, and in obtaining admission to hospital for operative treatment for disease of the tonsils and adenoids, after such treatment had been recommended. As regards the former, I am able to report that the position commenced to improve during 1950. Although no figures are available in this department, assistant school medical officers reported that spectacles were coming through more quickly and this department no longer received complaints from parents that spectacles were not being obtained. The position in respect of tonsil operations however, was aggravated during the year because operations on the nose and throat were suspended for several months at most hospitals in Yorkshire due to the prevalence of poliomyelitis. Medical opinion is now more conservative concerning this subject than formerly. As a result, though the waiting list is long, there was in general no material delay in the operative treatment of those children who genuinely required it.

Table II of the statistical summary at the end of this report sets out details of the defects found at routine inspection and Table IV deals with the defects treated.

Minor Ailments.

School clinics sessions were held twice weekly at the following centres :—

Carlin How	Grangetown
Redcar	South Bank
Thornaby	Whitby
and once weekly at Guisborough, Lingdale, Saltburn and New Skelton.	

The school clinics were largely used for the treatment of minor ailments and defects which would otherwise have been neglected and allowed to go untreated.

Details of the work done are given in the table below from which it will be seen that minor injuries and skin conditions predominated.

Condition for which children attended the School Clinic	Number of first visits	Number of re-visits
Scabies	27	36
Impetigo	197	301
Ringworm Head	240	499
„ Body	108	238
Verminous conditions	418	731
Minor Injuries	1,751	2,429
External Eye Disease	356	445
Ear Discharge and Deafness	403	604
Nose and Throat	246	88
Vision	549	143
Heart and Circulation	7	4
Lungs	1	—
Nervous System	20	10
Tuberculosis	39	21
Skin (Non-Contagious)	813	1,173
Sores	1,058	1,743
Other conditions	1,302	825
Chilblains	33	81
Diphtheria Immunisation	188	54
Sun-Ray Treatment	13	303
Total	7,769	9,728

Visual Defects and External Diseases of the Eye.

At routine inspection there were 823 pupils found to require examination by the ophthalmic surgeons ; in addition 173 pupils were referred for treatment of squint.

There were 211 clinic sessions held in various parts of the Riding, for the examination of children referred by the assistant school medical officers.

In all 1,518 children were examined : spectacles were prescribed in 1,203 cases and information is not available as to the number supplied during the year.

Enlarged Tonsils and Adenoids.

During the year under review 169 pupils received operative treatment for adenoids and chronic tonsilitis, while 374 pupils received other forms of treatment for nose and throat conditions, either through the authority's scheme or otherwise.

Ear Diseases.

Many cases of ear disease or defect were treated at the school clinics and there were 403 first attendances and 604 re-visits for such conditions made in 1950.

Seventeen sessions of a special clinic were held at which a consultant otorhinolaryngologist examined or treated 200 pupils. The after-treatment was supervised by the school nurses.

Crippling Defects.

Crippling defects were treated at the Adela Shaw Orthopaedic Hospital, Kirbymoorside.

The following table shows the conditions and numbers of children treated as in-patients during the year.

Condition	No. of Children treated
Deformity of hands	1
Deformity of feet	29
Deformity of leg	4
Abnormality of spine	1
Dislocation of hip	3
Infantile hemiplegia	2
Infantile monoplegia	1
Infantile paralysis	19
Traumatic paraplegia	1
Erbs palsy	1
Old fractures and injuries	2
Torticollis	2
Spastic paraplegia	8
Scoliosis	6
Perthe's disease	1
Arthritis	3
Spina bifida	1
Ganglion of wrist	2
Achondroplasia	1
Congenital amyotonia	1
Exostosis tibia	1
Foetal myodystrophy	1
Synovitis of knee	1
Scarring from burns	1
Pseudocoxalgia	1
Spina bifida and deformity of feet	1
Scoliosis and Monoplegia	1

There were 344 out-patient sessions held at the following centres compared with 93 in 1949. Attendances of 545 children amounted to 1,500 compared with 881 by 391 children in the previous year.

Orthopaedic Clinics.

Carlin How	Richmond
Kirbymoorside	Scarborough
Malton	South Bank
Northallerton	Thornaby
Redcar	Whitby
York	

The large increase in the number of out-patient sessions held as compared with last year is due to the inclusion of the sessions held by the newly appointed orthopaedic nurses.

Tuberculosis.

Children suspected to be suffering from tuberculosis in any form were referred for examination and treatment to the appropriate chest physician.

Ringworm of the Scalp.

In 1950 four children were treated for ringworm of the scalp by x-ray epilation at Leeds General Infirmary.

THE SCHOOL DENTAL SERVICE.

Report by Mr. Craven, L.D.S., Chief Dental Officer.

The reduction in the number of dental staff in recent years has made it extremely difficult to maintain a comprehensive school dental service. Mr. Thornton resigned from the Richmond area in January, 1950, and we have been unable to replace him. Each dental officer is at present having to cover approximately three dental areas in order to provide dental treatment for every district in the County. Considering the many isolated areas contained in this large County, one can appreciate the difficulties encountered in trying to maintain regular contact; particularly in cases requiring prolonged and rather complicated dental treatment.

The shortage of dental staff has restricted the proper development of the dental laboratories established at Northallerton, South Bank, and Scarborough. The appointment of Mr. Lazenby as technician in charge at the South Bank dental laboratory has helped considerably in that area; but further appointments are dependent upon the recruitment of additional outside dental staff. The few technicians employed have maintained a steady output of mechanical work, and some very good results have been obtained. The annual return for the year under review shows 3,948 attendances for dentures and orthodontic appliances.

We have been obliged to concentrate more upon emergency dental treatment for the relief of pain or sepsis, rather than the more advanced technical innovations of the school dental service, such as orthodontic treatment. The position is made more difficult due to increasing demand for extractions and the provision of dentures, particularly for Welfare cases. I anticipate a further increase in this demand, now that local authorities are responsible for their provision free of charge.

The recent increase in the salaries of public dental officers, together with other factors, may encourage some of the recently qualified dental surgeons to enter the school dental service. In the interests of the service I would much prefer, for many reasons, the appointment of full time dental officers, rather than an ever increasing number of private practitioners on a sessional basis.

Dr. C. G. Lingford the full time dental anaesthetist for the County was fully engaged during the year 1950, when a general anaesthetic was administered for 6,605 cases. If we are unable to engage dental officers I think the appointment of a doctor (experienced in the administration of general anaesthetics) as a full time anaesthetist for the North Eastern area of the County would merit consideration.

The two mobile dental clinics have been in constant use during the year, chiefly in the outlying districts round Pickering, Malton, Scarborough and Whitby. They have been extremely useful in many districts where no suitable clinic accommodation is available for dental treatment.

INFECTIOUS DISEASES.

The year 1950 was one during which there was an increased incidence of poliomyelitis in England and Wales. Among the school population of the North Riding, nineteen cases occurred, in widely separated parts of the County. Twelve of these cases were paralytic. There were three deaths.

Medical officers of health initiated closure of six schools on account of infectious disease. This action was taken because of the occurrence of scarlet fever, influenza, and glandular fever each at one school, and of measles at three schools. The outbreak of glandular fever involved fifteen children out of twenty-five attending a small rural school. The diagnosis was confirmed by the laboratory investigation of samples of blood from several of the children.

During the year 19 children were excluded from school for short periods on account of ringworm (6), verminous head or body (10), and other contagious skin conditions (3).

PHYSICAL TRAINING.

The important part played by physical education in the curriculum of the modern school child continued to be recognised in North Riding schools during 1950, and various aspects received attention.

Cricket coaching in the Riding continued on the lines of last year. The Cricket Coach, Mr. Wilfred Barber, visited grammar schools at regular intervals. In Scarborough, Mr. Croskill very successfully coached throughout the season, selected boys from the Modern Secondary Schools in Scarborough.

The Coaches of the Football Association again did valuable work at those schools where numbers and facilities justified their presence.

Climbing and agility equipment for infant and junior children has been introduced into some of the primary schools. This equipment provides means of exercising the abdominal and shoulder girdle groups of muscles as well as bringing more scope and interest to the lessons. Better and more ambitious work has resulted from the provision of plimsolls and storage lockers at those primary schools which have halls not used as classrooms.

Swimming was again a popular feature of the physical education programme. As an experiment special transport was provided to take senior children from the Yarm Grammar and County Modern Schools to the Thornaby Baths for a twelve week autumn swimming season. This venture was very successful.

The fulfilment of inter-school fixtures in the major games and athletics was again a valuable feature of physical education in the Riding. Teams from several areas compete in the Yorkshire and England Association Football Competitions and two divisions of the Forest of Galtres League have been formed. The Schools Boxing Association again sponsored inter-school competitions for the purpose of selecting out-standing boxers to go forward to the Yorkshire School Boys Championships.

The camp sites at Wensleydale and Scalby were visited by five school groups which each camped there for a period of a week. The total number of children attending was just over 400. The schools in question provided their own staff and were responsible for their own travelling, catering and social arrangements. All equipment is provided by the Committee and the services of a full-time cook were made available at Scalby by the Committee.

NURSERY SCHOOLS AND CLASSES.

In addition to the nursery schools at "Childhaven," Scarborough and nursery classes in the Scarborough Division on which the Divisional School Medical Officer has reported, there were three nursery classes at schools in South Bank with places for 95 children in all.

Nursery classes were also held at Hinderwell Infants' School for 30 children, and Friarage Infants' School for 30 children aged three to five.

HANDICAPPED PUPILS.

Formal ascertainment of handicapped pupils was carried out during the year in accordance with section 34 of the Act, but placement in special schools was difficult owing to the demand for special educational treatment of this type and the few vacancies available.

The number of handicapped pupils formally ascertained during the year was as follows :—

	Boys	Girls	Total
Educationally subnormal	26	16	42
Educationally subnormal & physically handicapped ..	—	2	2
Blind	3	2	5
Partially sighted	2	1	3
Deaf	1	4	5
Partially deaf	1	2	3
Epileptic	—	1	1
Maladjusted	6	1	7
Delicate	6	3	9
Physically handicapped	50	55	105
Total ..	95	87	182

There was no special school in the Riding in 1950 and difficulty was experienced in placing handicapped pupils in suitable schools. Where double or multiple defects are encountered the position is still worse and placement may be impossible.

No special educational treatment was provided in the ordinary primary and secondary schools.

Five partially sighted pupils were supplied with reading aids.

One pupil who had previously been ascertained as blind was found to have considerably improved after operative treatment, and her name was deleted from the list of handicapped pupils.

The following tables give particulars of pupils maintained in special schools during the year under review and in 1949 and as the scheme of divisional administration provides that all children found to be suffering from a disability of mind or body in the Scarborough division shall be reported by the Divisional Executive to the County Council, the tables include children residing in the division.

Blind.

Name of School	1949		1950	
	Boys	Girls	Boys	Girls
Yorkshire School for the Blind, York	3	1	2	1
Royal Victoria Blind School, Newcastle-on-Tyne	3	2	3	2
Schools for the Blind, Liverpool	1	-	1	-
Blind Sunshine Home, Kingswinford	1	1	1	1
Blind Sunshine Home, Northwood	1	-	1	-
Total	9	4	8	4

Partially Sighted.

Name of School	1949		1950	
	Boys	Girls	Boys	Girls
Yorkshire School for the Blind, York	1	-	1	1
Royal Victoria Blind School, Newcastle-on-Tyne	1	1	1	-
Sheffield School for the Blind	3	1	2	-
St. Vincent's School, West Derby	1	-	1	-
Total	6	2	5	1

Deaf.

Name of School	1949		1950	
	Boys	Girls	Boys	Girls
Northern Counties Institution, Newcastle	-	1	-	1
Yorkshire School for the Deaf, Doncaster	6	8	5	9
St. John's Institution, Boston Spa	-	-	-	1
Stockton Day School for the Deaf	4	4	-	-
Middlesbrough Day School for the Deaf	2	2	8	8
Lawns House School, Leeds	-	-	1	1
Total	12	15	14	20

Deaf and Educationally Subnormal.

Name of School	1949		1950	
	Boys	Girls	Boys	Girls
Bridge House School, Harewood, Leeds	1	-	1	-
Total	1	-	1	-

Partially Deaf.

Name of School	1949		1950	
	Boys	Girls	Boys	Girls
Yorkshire School for the Deaf, Doncaster	2	1	3	1
St. John's Instution, Boston Spa	-	-	1	-
Middlesbrough Day School for the Deaf	1	1	2	1
Stockton Day School for the Deaf	1	1	-	-
Total ..	4	3	6	2

Delicate.

Name of School	1949		1950	
	Boys	Girls	Boys	Girls
Charlton House, Shaftesbury	2	-	1	-
Fulford Road Day School, York	3	7	3	7
The Children's Convalescent Home, West Kirby ..	2	1	4	2
Salters Lane Open Air School, Darlington	-	1	-	1
Residential Open Air School of Recovery, Banstead ..	2	-	-	-
St. John's Home, Brighton	-	1	-	-
Burrow Hill Residential School, Frimley	-	-	1	-
Leasowe Children's Hospital School, Moreton, Wirral	-	1	-	-
Bradstock Lockett Hospital, Southport	-	-	-	1
Fairfield Sanatorium School, York	1	-	-	-
Meath Hospital School, Ottershaw	-	-	-	1
Total ..	10	11	9	12

Educationally Subnormal.

Name of School	1949		1950	
	Boys	Girls	Boys	Girls
Dovecot School, Knotty Ash, Liverpool	-	4	-	3
Beacon Residential School, Lichfield	3	-	3	-
Besford Court, Worcestershire	2	-	-	-
Fulford Road Special Day School, York	8	3	6	2
Littleton House, Girton, Cambridge	1	-	-	-
Monyhull School, Birmingham	1	2	1	3
Allerton Priory R. C. School, Woolton	-	3	-	4
Acklam Road Special Day School, Middlesbrough ..	-	-	1	-
Bigod's Hall R.C. School, Dunmow	1	-	1	-
Barnard Special Day School, Darlington	1	-	1	-
The Vineyard, Warwick	-	-	1	-
Total ..	17	12	14	12

Epileptic.

Name of School	1949		1950	
	Boys	Girls	Boys	Girls
Home for Epileptics, Maghull	3	1	2	1
Total ..	3	1	2	1

Diabetic.

Name of School	1949		1950	
	Boys	Girls	Boys	Girls
Baskerville, Birmingham	1	-	1	-
Total ..	1	-	1	-

Maladjusted.

Name of School	1949		1950	
	Boys	Girls	Boys	Girls
Chaigeley School, Thelwall	1	-	1	-
Hill Orchard School, Meriden, Warwickshire ..	1	-	-	-
St. Peters Boarding School, Horbury	-	-	-	1
Gordon Boys Home, Woking	-	-	1	-
Total ..	2	-	2	1

Physically Handicapped.

Name of School	1949		1950	
	Boys	Girls	Boys	Girls
Queen Elizabeth Training College, Leatherhead ..	1	-	1	-
Children's Convalescent Home, West Kirby ..	1	1	1	1
Hinwick Hall, Northants	1	-	-	-
Bradstock Lockett Home, Southport	1	1	-	-
Hollins, Lund Lane, Killinghall, Harrogate ..	1	-	1	-
Children's Convalescent Home, Cold Ash, Newbury ..	1	-	1	-
Total ..	6	2	4	2

EMPLOYMENT OF SCHOOL CHILDREN.

During the year 514 children were medically examined under the provisions of the Employment of Children Bye-Laws.

CHILDREN AND YOUNG PERSONS ACT, 1933.

The number of children examined prior to their admission to approved schools was 12. In addition 33 special medical examinations were carried out.

CHILD GUIDANCE.

A child guidance team comprising a psychiatrist, educational psychologist and a psychiatric social worker has not as yet been formed in the North Riding. Thirty-six children were interviewed by psychiatrists at various centres during the year. The psychiatrist's task is rendered much more difficult and the results of the doctor's efforts considerably minimised by the absence of the other members of the team.

SECTION 57, EDUCATION ACT, 1944.

During 1950 there were 23 cases reported to the local authority for the purposes of the Mental Deficiency Acts under Section 57 (3), 3 under Section 57 (4), and 14 children were reported under Section 57 (5). One report previously made to the local authority under Section 57(3) was cancelled during the year.

SPEECH THERAPY.

The Speech Therapist, Miss I. M. S. Knight, commenced duty at the beginning of April. Whereas last year I reported that twenty North Riding school children were being treated by speech therapists of neighbouring authorities, Miss Knight's appointment very quickly revealed a much higher demand for this form of treatment and 181 children were referred. Owing to the large number of children who might be expected to benefit from speech therapy careful consideration had to be given as to how Miss Knight's time could best be spent so that the maximum benefit might be obtained from her services. At the outset, therefore, a good deal of time had to be given to preparation and organisation of the work, and to the classification and grouping of children according to the nature of their defect, and to their age and intelligence. As a result of these preliminary arrangements the speech therapist was able to treat a large number of children during the eight months from April to the end of the year. Children were treated in classes rather than individually and the number of children treated for the different forms of speech defect are shown in the table along with a note of the results so far obtained :—

	Defect		Boys	Girls	Total
Stammer	63	20	83
Dyslalia	40	12	52
Sigmatism	12	10	22
Cleft Palate	3	10	13
Rhinophonia Post adenoidal	1	3	4
Mutism	4	3	7
<hr/>					
Position at December, 1950	123	58	181
<hr/>					

Of the above children

			Boys	Girls	Total
Discharged as cured	..	..	8	4	12
Withdrawn (<i>i.e.</i> left district, unsatisfactory attendance).			16	10	26
Remaining under treatment	99	44	143
<hr/>					
			123	58	181
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Sessions were held weekly at South Bank, Thornaby, Redcar, and Whitby, and fortnightly at Guisborough. In addition provisional arrangements were made for Miss Knight to attend fortnightly at Scarborough, until such time as a Speech Therapist is appointed in the Scarborough Division.

MEDICAL INSPECTION RETURNS

TABLE I.

MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED PRIMARY & SECONDARY SCHOOLS

A—Periodic Medical Inspections

Number of Inspections in the prescribed Groups :—

Entrants	..	..	..	..	4,753
Second Age Group	..	..	..	..	3,561
Third Age Group	..	..	..	..	2,757
Total	..	..	..	..	11,071

Number of Other Periodic Inspections 8,052

Grand Total 19,123

B—Other Inspections

Number of Special Inspections 4,837

Number of Re-inspections 9,680

Total 14,517

C—Pupils found to require treatment

NUMBER OF INDIVIDUAL PUPILS FOUND AT PERIODIC MEDICAL INSPECTION TO REQUIRE TREATMENT

(EXCLUDING DENTAL DISEASE AND INFESTATION WITH VERMIN)

Group	For defective vision (excluding Squint)	For any of the other conditions recorded in Table IIa	Total individual pupils
Entrants	33	1,099	1,126
Second Age Group	200	529	699
Third Age Group	151	334	462
Total (prescribed groups)	384	1,962	2,287
Other periodic inspections	426	1,225	1,582
Grand Total	810	3,187	3,869

TABLE II.

A—Return of Defects found by Medical Inspection during the year.

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
Skin	280	34	29	14
Eyes—				
(a) Vision	810	824	425	1,575
(b) Squint	173	183	15	22
(c) Other	209	19	26	6
Ears—				
(a) Hearing	50	40	10	14
(b) Otitis Media	57	3	23	5
(c) Other	52	18	14	13
Nose or Throat	987	836	362	402
Speech	70	35	43	15
Cervical Glands	22	78	10	13
Heart & circulation	81	130	19	74
Lungs	463	119	56	31
Developmental—				
(a) Hernia	6	10	5	3
(b) Other	3	13	1	2
Orthopaedic—				
(a) Posture	64	49	7	11
(b) Flat foot	136	97	9	12
(c) Other	229	93	37	35
Nervous System				
(a) Epilepsy	10	4	9	11
(b) Other	69	21	34	36
Psychological—				
(a) Development	17	126	7	162
(b) Stability	—	1	6	1
Other	342	82	71	97

B—Classification of the the General Condition of Pupils inspected during the year in the age groups.

Age Groups	Pupils Inspected	A (Good)		B (Fair)		C (Poor)	
		No.	%	No.	%	No.	%
Entrants	4,753	2,341	49.25	2,314	48.69	98	2.06
2nd Age Group	3,561	1,708	47.96	1,795	50.41	58	1.63
3rd Age Group	2,757	1,454	52.74	1,281	46.46	22	0.80
Other Periodic Inspections..	8,052	3,763	46.73	4,146	51.49	143	1.78
Total ..	19,123	9,266	48.45	9,536	49.87	321	1.68

TABLE III.

INFESTATION WITH VERMIN

(i) Total number of examinations in the schools by the school nurses or other authorised persons	162,447
(ii) Total number of individual pupils found to be infested	271
(iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944)	43
(iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944)	5

TABLE IV.

Treatment of Pupils attending Maintained Primary and Secondary Schools.

GROUP 1. DISEASES OF THE SKIN (excluding uncleanliness, for which see Table III.)

	Number of cases treated or under treatment during the Year	
	by the Authority	otherwise
Ringworm— (i) Scalp	240	6
(ii) Body	108	1
Scabies	27	2
Impetigo	197	
Other skin diseases	813	17
Total	1,385	26

GROUP 2. EYE DISEASES, DEFECTIVE VISION AND SQUINT.

	Number of cases dealt with	
	by the Authority	otherwise
External and other, excluding errors of refraction and squint	356	17
Errors of Refraction (including squint)	—	1,518
Total	356	1,535
Number of pupils for whom spectacles were		*
(a) Prescribed	—	1,203
(b) Obtained	—	*
Total	—	1,203

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

GROUP 3. 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	—	33
(b) for adenoids and chronic tonsillitis	—	169
(c) for other nose and throat conditions	—	
Received other forms of treatment	649	128
Total	649	330

GROUP 4. ORTHOPAEDIC AND POSTURAL DEFECTS

	Number of cases treated	
	by the Authority	otherwise
(a) Number treated as in-patients in hospitals	96	
(b) Number treated otherwise, <i>e.g.</i> in clinics or out-patient departments	—	545

GROUP 5. CHILD GUIDANCE TREATMENT.

	Number of cases treated	
	In the Authority's Child Guidance Clinics	elsewhere
Number of pupils treated at Child Guidance Clinics	—	36

GROUP 6. SPEECH THERAPY.

	Number of cases treated	
	by the Authority	otherwise
Number of pupils treated by Speech Therapists	185	—

GROUP 7. OTHER TREATMENT GIVEN

	Number of cases treated	
	by the Authority	otherwise
Miscellaneous Minor Ailments	4,172	155

AVERAGE WEIGHTS.

Boys.

GIRLS.

Age Groups	Boys.			GIRLS.		
	No. Weighed.	Lbs.	Kilograms.	No. Weighed	Lbs.	Kilograms.
3-4 years ..	5	36.00	16.33	2	35.00	15.88
4-5 years ..	16	41.11	18.65	20	41.66	18.90
5-6 years ..	1,327	43.75	19.85	1,131	42.16	19.12
6-7 years ..	275	47.58	21.58	245	46.62	21.15
7-8 years ..	512	54.23	24.60	598	52.71	23.91
8-9 years ..	627	58.68	26.62	741	56.11	25.45
9-10 years	217	63.69	28.89	253	61.76	28.01
10-11 years	623	70.78	32.11	647	70.52	31.99
11-12 years	669	77.18	35.01	792	78.36	35.54
12-13 years	934	84.11	38.16	778	88.35	40.08
13-14 years	481	94.23	42.74	580	99.29	45.04
14-15 years	753	105.30	47.77	586	108.13	49.05
15-16 years	198	116.39	52.79	281	114.49	51.93
16-17 years	55	131.67	59.73	50	124.82	56.62
17-18 years	26	140.83	63.88	41	126.74	57.49
18-19 years	18	140.44	63.70	9	128.61	58.34

AVERAGE HEIGHTS.

Boys.

GIRLS.

Age Groups	Boys.			GIRLS.		
	No. Measured	Inches	Centi- metres	No. Measured	Inches	Centi- metres
3-4 years ..	5	38.50	97.79	2	39.00	99.06
4-5 years ..	16	41.91	106.45	20	41.74	106.02
5-6 years ..	1,327	43.56	110.64	1,131	43.17	109.65
6-7 years ..	275	45.51	115.60	245	45.46	115.47
7-8 years ..	512	48.63	123.52	598	48.08	122.12
8-9 years ..	627	50.29	127.74	741	49.60	125.98
9-10 years	217	52.02	132.13	253	51.64	131.17
10-11 years	623	53.61	136.17	647	53.88	136.86
11-12 years	669	55.50	140.97	792	56.01	142.27
12-13 years	934	57.21	145.31	778	57.79	146.79
13-14 years	481	59.43	150.95	580	60.41	153.44
14-15 years	753	62.02	157.53	586	61.90	157.23
15-16 years	198	64.29	163.30	281	62.77	159.44
16-17 years	55	68.17	173.15	50	63.98	162.51
17-18 years	26	69.84	177.39	41	64.34	163.42
18-19 years	18	68.46	173.89	9	65.10	165.35

North Riding of Yorkshire
County Council
Scarborough Divisional Executive



REPORT

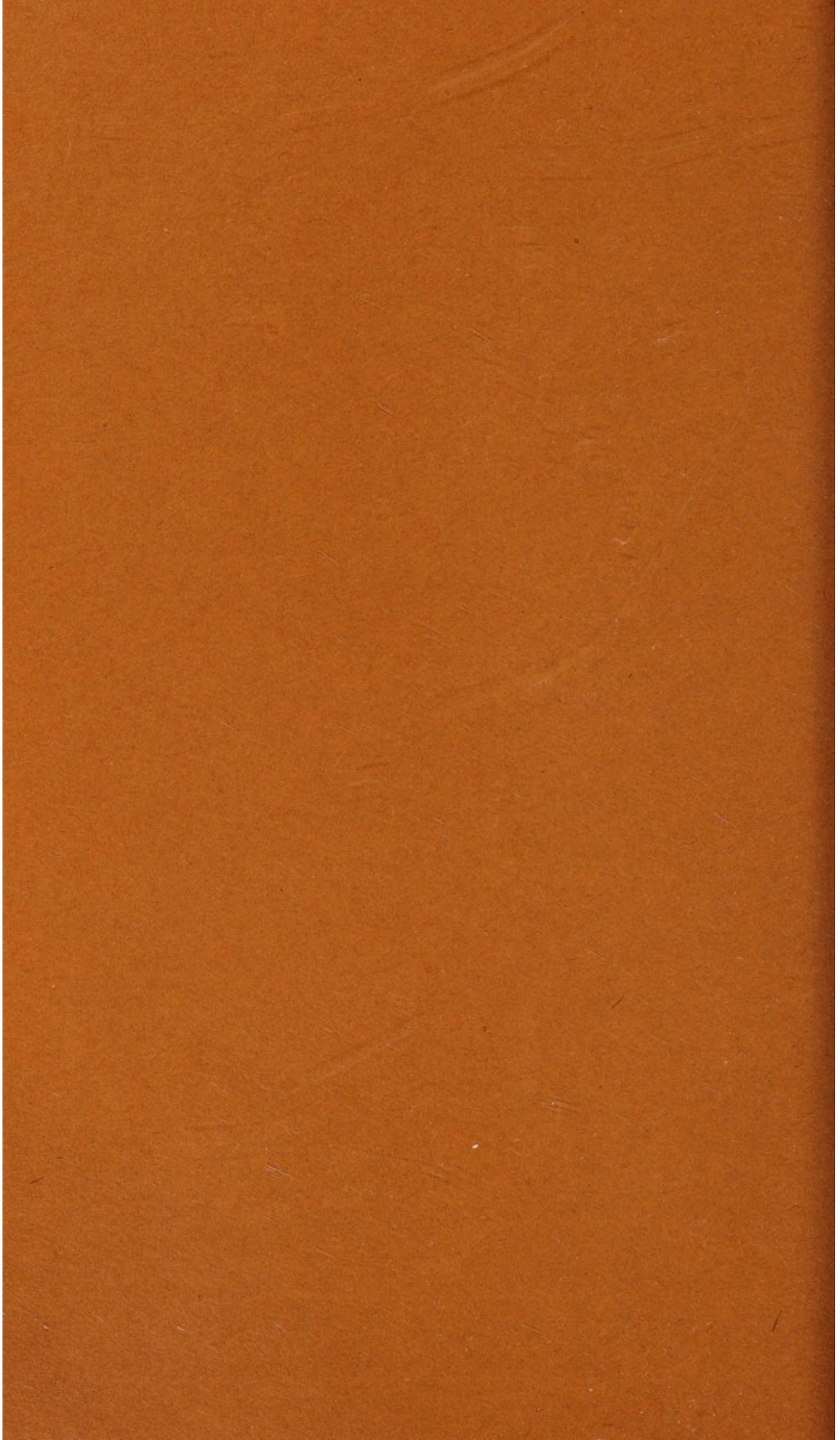
of the

Divisional School Medical Officer

for the year 1950



E. T. W. Dennis & Sons Ltd., Scarborough



North Riding of Yorkshire
County Council
Scarborough Divisional Executive

REPORT

of the

Divisional School Medical Officer

for the year 1950

North River in Yonkers

County Council

Sanitation Division Executive

REPORT

Division of Health

The Chairman and Members of Scarborough Divisional Executive.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit the Annual Report of the Divisional School Medical Officer for the year 1950.

As forecast in last year's report the new School Clinic premises at the Old Hospital, Friars Way, became fully operative during the year, and the following sessions were arranged:—

- (a) Minor Ailments—Every Monday, Wednesday, Friday and Saturday morning.
- (b) Doctors' Special Clinics—Monday, Wednesday and Saturday mornings, and Thursday afternoons.
- (c) Eye Clinic—Monday mornings (by appointment).
- (d) Psychiatric Clinic—Wednesday afternoons (interviews by appointment).
- (e) Orthopaedic Clinic—Specialists' sessions are held on the first and third Fridays in the month (by appointment).
Remedial exercises and physiotherapy on Tuesday and Friday mornings.
- (f) Speech Therapy—Alternate Thursdays (by appointment).
- (g) Ear, Nose and Throat Clinic—Every fourth Wednesday morning.
- (h) Dental Services—Sessions held daily.

Compared with those facilities available at the old School Clinic, it will be noted that: (1) The Orthopaedic Clinic, formerly conducted on the premises of the Council of Social Service at Elders Street, Scarborough, has been transferred to the School Clinic.

(2) A Speech Therapist, employed by the Local Education Authority in another part of the Riding, was made available to conduct fortnightly sessions here.

(3) Mr. G. L. Thompson, the Ear, Nose and Throat Specialist, is now holding a monthly session at our clinic for the special purpose of supervising the follow-up treatment of children suffering from chronic ear conditions.

In the body of the report, under the heading "Child Guidance," note is made of Dr. Gordon's recommendation that, when possible, a psychiatric social worker should be added to the establishment. Anticipating an expansion of this branch of the work, a room at the School Clinic has been set aside to provide facilities for play therapy. Another department of the Authority will no doubt take account of Dr. Gordon's support to the appointment of an educational psychologist.

So far as relates to dental services, facilities are now available to cope with a much greater volume of work in that there are at the new Clinic two separate surgeries fitted with up-to-date equipment, as well as a workshop by means of which a high standard of prosthetic work will be possible in due course.

It was possible for many more pupils to be examined in schools than in 1949, and of these 13.5% were found to be in need of some form of treatment compared with 15.13% in the previous year. Out of the 4,470 children examined in schools the general condition of only 29, or 0.65%, was considered to be below average, indicating a continued improvement on the previous two years' findings which were 1.34% and 2.37% respectively.

Owing to the shortage of nursing staff during the first six months of the year, the number of individual cleanliness inspections of pupils in schools fell below that of the previous years. Thus it may not be significant that the number of cases reported of frank infestation was fewer than last year.

For the second consecutive year diphtheria immunisation in schools was offered to parents through the head teachers. As was to be expected, following the excellent response last year, the number of acceptances was considerably fewer in 1950. Nevertheless 129 children received an initial course, and 504 others were given re-inforcement doses.

Owing to the unavoidable reduction in nursing staff at the beginning of the year, it was not possible to resume the course in Mothercraft given in 1949 to Falsgrave County Modern girls.

By the end of 1950 all schools except one were provided with bottled pasteurised milk under the Milk in Schools scheme, and since preparing this report the remaining school has changed over to this grade.

The lack of accommodation throughout the country in special schools to provide residential care for handicapped pupils still presents a serious problem. In an effort to surmount the difficulty, the Local Education Authority have established a special school in the Riding for the admission of physically handicapped pupils, and another establishment for the residential care of educationally subnormal pupils is likely to be opened towards the end of 1951.

To Miss H. B. Taylor, who resigned her appointment in March, the staff of the School Health Department extend their best wishes for many happy years of retirement.

I am grateful to the Chairman and Members of the Primary Education Committee for their interest and help, to Mr. Nock and his staff for their continued co-operation, and to Mr. Bassett, the senior clerk of the department, for his most reliable services during the year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

J. STOKOE,

Divisional School Medical Officer.

School Clinic,
Old Hospital,
Friars Way,
Scarborough.

May, 1951.

1. GENERAL.

The total number of scholars on the school registers amounted to 6,958, an increase of 36 over last year's figure.

(a)	Number of Primary Schools (excluding Child Haven Nursery School). ...	22
(b)	Number of Primary School Departments in the Division (excluding Child Haven Nursery School). ...	27
(c)	Number of pupils on the registers of Primary Schools (excluding Child Haven Nursery School) in September, 1950 ...	4,056
(d)	Number of children in Child Haven Nursery School in September, 1950 ...	45
(e)	Number of children in the Special Class at No 9 Seamer Road in September, 1950 ...	22
(f)	Number of County Modern Schools in the Division ...	6
(g)	Number of pupils on the rolls of County Modern Schools in September, 1950 ...	1,875
(h)	Number of Grammar and Technical Schools ...	3
(i)	Number of pupils on the rolls of Grammar and Technical Schools in September, 1950 ...	960

2. STAFF.

(i) Medical Officers.

J. Stokoe, M.D., B.S., B.Hy., D.P.H., Divisional School Medical Officer.

Elizabeth R. Cameron, M.B., Ch.B., D.P.H., Assistant School Medical Officer.

Elizabeth D. Ellison, B.A., Ch.B., Temporary Assistant School Medical Officer (part-time).

Sydney E. Jackson, M.B., Ch.B., Temporary Assistant School Medical Officer (part-time) (appointed October, 1950).

(ii) Dental Surgeons.

D. Bewes Atkinson, L.D.S., R.C.S. Eng. (Part-time).

J. C. Carr, L.D.S., R.C.S. Eng.

(iii) Specialist Officers (Part-time).

*Ophthalmic Surgeon ... J. Ellison, Esq., M.R.C.S., L.R.C.P.

*Orthopaedic Surgeon ... H. L. Crockatt, Esq., M.B., Ch.B.

*Psychiatrist ... Margaret C. Gordon, M.B., Ch.B., D.P.M.

*E.N.T. Surgeon ... G. L. Thompson, Esq., M.A., M.B. (Cantab), F.R.C.S.

* By arrangements with Leeds Regional Hospital Board.

(iv) Speech Therapist.

Miss I. Knight, F.C.S.T. (part-time).

(v) School Nurses.

(a) WHOLE-TIME.

Miss H. B. Taylor, S.R.N. (retired 7th March, 1950).

Miss L. Dawson, S.R.N., S.C.M., H.V. Cert.

Miss L. E. Mills, S.R.N., S.C.M. (appointed temporarily 16th January, 1950, until 15th July, 1950).

Miss H. Macdonald, S.R.N., S.C.M., H.V. Cert. (appointed 5th June, 1950).

Mrs. M. P. Hodgson, S.R.N., S.C.M., H.V. Cert. (appointed 17th July, 1950).

These nurses carried out school nursing within the Borough of Scarborough.

(b) PART-TIME.

School nursing in the Scalby Urban District and Scarborough Rural District areas was conducted by four District Nurses, as follows:—

Miss J. Robson, S.R.N., S.C.M., Q.N. (up to 14th June, 1950)—Scalby and Cayton districts.

Miss J. G. Smith, S.R.N., S.C.M., H.V. Cert., Q.N. (from 15th June, 1950)—Scalby and Cayton districts.

Miss M. Ford, S.R.N., S.C.M., Q.N.—Snainton district.

Miss E. D. Fisher-Brown, S.R.N., S.C.M.—Ayton district.

Miss A. Brown, S.R.N., S.C.M., Q.N.—Cloughton district.

(vi) Orthopaedic Health Visitor.

Miss B. D. Rowell, S.R.N., S.C.M., Orth. Cert. (part-time).

(vii) Physiotherapist.

Mrs. G. M. Green, M.S.C.P., M.E., L.E.T. (part-time).

(viii) Dental Attendants.

Miss N. D. V. Stockill.

Miss P. M. Vokes.

(ix) Clerks.

J. R. Bassett, B.Com.

Miss A. E. Macallister.

3. MEDICAL SUPERVISION.

With the services of an additional Assistant School Medical Officer, it was possible to carry out routine medical inspection of all prescribed age groups among primary school children (entrants, 7-8 age group and leavers), of all secondary school girls and most of the secondary school boys. A total of 4,470 pupils were medically examined in schools, 590 more than in 1949; 1,866 re-inspections were made, practically the same as in the previous year. Special medical examinations numbered 840 or 214 less than last year. Visits to pupils' homes numbered 306.

4. FINDINGS AT ROUTINE MEDICAL INSPECTION.

(a) A smaller proportion (13.5%) of children examined in schools required some form of treatment compared with 1949 (15.13%).

Group.	Number of Children.	
	Inspected.	Found to require treatment (excluding dental diseases and infestation with vermin)
PRIMARY SCHOOL CHILDREN		
Entrants	834	118 (14.15%)
7-8 Age Group	599	56 (9.35%)
Second Age Group	623	74 (11.88%)
TOTAL	2,056	248 (12.06%)
SECONDARY SCHOOL CHILDREN		
12-13 Age Group	1,231	191 (15.51%)
Third Age Group	1,183	165 (13.95%)
TOTAL	2,414	356 (14.75%)
GRAND TOTAL	4,470	604 (13.51%)

The defects found at Routine Medical Inspection are analysed in Table IIA of the Appendix to this report.

(b) General Condition.

Twenty-nine children (or 0.65%) were considered to be in poor general condition. This is an improvement upon last year's return which was 52 (or 1.34%) of children examined.

(c) Cleanliness.

During the year, School Nurses made 18,065 individual cleanliness inspections in schools, as the result of which 21 children were discovered with evidence of frank infestation. The corresponding figures for 1949, 1948 and 1947 were 29, 54 and 97 respectively. In connection with uncleanliness School Nurses paid 166 visits to patients' homes. No notice was served under Section 54 (3) of the Education Act, 1944, during 1950.

	Primary	Secondary
Average number of visits per school made during the year by the School Nurses	7	9
Number of school visits by nurses	192	92
Number of examinations of pupils in the schools by nurses	12,221	5,844
Number of individual children infested	16	5
Number of visits to homes by the School Nurses	123	43

(d) **Clothing and Footwear.**

Generally speaking, clothing and footwear appeared to be satisfactory. The Scarborough Amicable Society afforded assistance during the year to the sum of £173.11s.0d. in the form of grants to needy cases.

5. TREATMENT OF DEFECTS.

(a) **Minor Ailments.**

Minor Ailments Clinics were held regularly at the central School Clinic, Hinderwell and Northstead Schools.

The number of children reporting for treatment of scabies, impetigo, ringworm and uncleanliness, fell from 150 in 1949 to 109 in 1950. The attendances of primary school children were lower than in 1949, whereas the attendances of secondary school children were appreciably higher.

Condition for which children attended M.A. Clinic.	Primary School Children		Secondary School Children	
	No. of first visits.	Total Attendances.	No. of first visits.	Total Attendances.
Scabies	11	28	6	11
Impetigo	42	81	5	17
Ringworm	1	1	-	-
Uncleanliness (including Verminous Conditions) ...	28	63	16	24
Minor Injuries	330	475	84	161
External Eye Disease ...	79	206	21	53
Ear Discharge and Deafness	57	163	31	173
Nose and Throat	15	26	8	16
Vision	3	3	-	1
Heart and Circulation ...	32	49	36	44
Lungs	1	1	-	-
Nervous System	1	1	-	-
Tuberculosis	-	-	-	-
Skin (Non-contagious) ...	296	688	77	240
Other Conditions	241	845	178	458
TOTAL ...	1,137	2,630	462	1,198

(b) **Defective Vision.**

The lengthy delay in obtaining spectacles after being prescribed, experienced by many children last year, seems to have been greatly reduced in 1950.

Number of sessions (by Ophthalmic Surgeon) ...	44
	<i>Primary Secondary</i>
Number of new cases examined	124 93
Number of re-examinations	92 101
Spectacles prescribed	104 122
Recommended other forms of treatment ...	12 7
Spectacles known to have been received ...	43 48

(c) **Ear, Nose and Throat.**

School children treated at the Ear, Nose and Throat Department of Scarborough Hospital, are reported to number 384 who received operative treatment, and approximately 2,000 who received other forms of treatment.

Mr. Guy L. Thompson commenced monthly sessions in September at the School Clinic, primarily for the supervision of the treatment of children suffering from chronic ear diseases. At the 3 sessions held in 1950, seven children made a total of 11 attendances, as well as visiting the ordinary Minor Ailment Clinic on 79 occasions.

(d) **Orthopaedic.**

Nineteen school children received in-patient treatment at Adela Shaw Orthopaedic Hospital, Kirbymoorside, during the year.

At the 21 Specialists' sessions, 235 children were examined (353 attendances). Of these, 108 made 778 attendances at the Remedial Exercises Clinic under the physiotherapist who held 81 sessions.

(e) **Tuberculosis.**

During the year, 5 cases of tuberculosis (4 pulmonary and 1 glandular) in school children were notified. All five children were admitted to Sanatoria.

(f) **Ringworm of the Scalp.**

No case came to the notice of the School Health Service during 1950.

(g) **Artificial Sunlight Treatment.**

Arrangements with Scarborough Corporation continued whereby school children in need of artificial sunlight treatment were referred to the Scarborough Medical Baths. During the year 302 pupils (222 Primary and 80 Secondary) completed a course of treatment making 2,947 attendances.

(h) **Dental Services.**

Details of the work carried out by the school dentists (one whole-time and one part-time) appear in Table V of the Appendix.

6. PHYSICAL EDUCATION.

Mr. Nock, the Divisional Education Officer, kindly obtained the following summary of Physical Education activities in the Scarborough Division:—

“Physical Education in the Division is steadily progressing and the introduction of new teaching methods is gradually showing favourable results. The teacher-dominated lesson is giving place to one in which the children’s own individual ideas and conception of possibilities are encouraged, while the teacher gives guidance. To further this change of method and to broaden the scope of the work, a certain amount of Agility and Climbing apparatus has been introduced into some of the Scarborough Primary Schools.

This year has seen the completion of the supply of gym shoes and storage lockers to schools having a Hall not used as a classroom.

The arrangements made in conjunction with the Football Association for the services of the Association’s coach for this area proved entirely successful.

The Education Committee’s cricket coach carried out coaching at the High School for Boys. The Scarborough Cricket Club again provided facilities for the other Secondary Schools to receive instruction on their ground on two afternoons a week throughout the cricket season, together with the services of their professional coach. The instruction was of a high standard and the scheme proved very successful.

School games fixtures in Hockey, Football, Cricket and Netball took place regularly throughout the year, the maximum use being made of the playing field facilities.

Swimming instruction commenced on the 5th June at the North Bay Pool. Weather conditions were not always ideal. This, however, only interfered to a small extent with the instruction and examinations. The schools held a successful swimming gala. Classes were again held for the awards of the Royal Life Saving Society at both the North and South Bay Pools and the following awards were made: —

Award of Merit	...	5
Bronze Cross	...	5
Bronze Medallion	...	31
Intermediate	... ..	7

Swimming Certificates for proficiency in various grades were awarded, the total number being 579.

Boxing continues to develop steadily in the Secondary Schools and boys have represented the North Riding in the Yorkshire Championships.

Schools again took advantage of the camping facilities offered by the Education Committee, and in addition, some schools held their own camps on sites other than those provided by the Committee.

W. H. TAYLOR.

M. C. BURTON.”

7. INFECTIOUS DISEASES.

Little variation in the incidence of measles and scarlet fever took place in 1950, and considerably fewer cases of whooping cough occurred. Two cases of paralytic infantile paralysis were transferred to the Adela Shaw Orthopaedic Hospital at Kirbymoorside, and one non-paralytic case was able to return home after treatment at the local isolation hospital.

Notifications of infectious diseases among school children between the ages of 5-14 years (inclusive) in the Divisional Area were as follows:—

Disease.	Total No. of cases.
Measles	298
Whooping Cough	56
Scarlet Fever	56
Acute Anterior Poliomyelitis—Paralytic	2
—Non-Paralytic	1
Tuberculosis	5
Paratyphoid	1
Pneumonia	2

Special Exclusions.

A further reduction in the number of children excluded from school occurred in 1950.

Disease.	No. of Children.	
	Primary	Secondary
Ringworm	1	—
Contagious skin	8	1
Verminous and Unclean conditions	7	4
Other causes	10	2

8. SCHOOL MILK AND MEALS.

I am indebted to the Divisional Education Officer for the details included in the following table, which shows the position as at December, 1950:—

Percentage of children provided with meals in Rural Schools	68.00
Percentage of children provided with meals in Scarborough Schools	52.78
Percentage of children provided with milk in Primary Schools in the Division	84.99
Percentage of children provided with milk in Secondary Schools in the Division	56.23

Facilities are available for any school child recommended by the School Medical Officers to be provided with school dinners and/or a second bottle of milk daily on medical grounds.

9. CO-OPERATION WITH OTHER BODIES.

At routine medical inspections 53.11% of primary school children and 6.46% of secondary school children were accompanied by their parents.

From Mr. Pateman, the local inspector of the N.S.P.C.C., I have received the following report of the year's work of his department in connection with school children:—

“There were 92 cases enquired into in the Divisional Area affecting the welfare of 181 children (108 boys, 73 girls).

No cases were due to drink.

Classification of Cases:—

Adoption	...	...	...	—
Neglect	...	...	...	67
Advice sought	...	...	...	15
Ill-treatment	...	...	...	10
Immoral surroundings	...	...	...	—
Other wrongs	...	...	...	—
			Total ...	92

The above were dealt with as follows:—

Warned by the Officer	...	...	...	67
Advised and helped	...	...	...	25
Adoption	...	...	...	—
			Total ...	92

No offenders were prosecuted. Two Juvenile Court cases were instituted.

In order to watch the progress and guard against relapse, the Inspector paid 134 visits of supervision and in addition 247 miscellaneous visits were made to officials and others in respect of these cases.”

10. NURSERY CLASSES.

Dr. Cameron prepared the following report on the Nursery School and Classes:—

Childhaven remains our only Nursery School for children aged 2-5, while Friarage and Hinderwell Schools have Nursery Classes for children aged 3 + and 4 + respectively.

Arrangements for medical inspection at the Nursery School continue to comprise a full inspection each term with frequent follow-up examinations. A School Nurse visits the school most weeks, close co-operation with the

parents is maintained and every effort is made to minimise the risk of infectious disease. The majority of the children have been immunised against diphtheria prior to admission, and any who have not are offered facilities for this at the first medical inspection. There was no outbreak of infectious disease during 1950.

11. HANDICAPPED PUPILS.

Under Section 34 of the Education Act, 1944, thirteen children were duly ascertained as Handicapped Pupils, viz: —

- 1 Deaf Pupil.
- 1 Partially Deaf Pupil.
- 3 Delicate Pupils.
- 2 Maladjusted Pupils.
- 1 Physically Handicapped Pupil.
- 5 Educationally Subnormal Pupils.

During 1950, the Education Authority maintained in Special Schools handicapped pupils from the Divisional Area as follows: —

Name of School.	Boys.	Girls.
BLIND		
Royal Victoria School for the Blind, Newcastle ...	—	1
Bernhard Baron Sunshine Home Nursery School for Blind Children, Kingswinford ...	—	1
PARTIALLY BLIND		
Sheffield School for the Blind, Sheffield ...	1	—
DEAF		
Yorkshire School for the Deaf, Doncaster ...	1	1
PARTIALLY DEAF		
Yorkshire School for the Deaf, Doncaster ...	1	—
DEAF AND EDUCATIONALLY SUB-NORMAL		
Bridge House School, Leeds ...	1	—
DELICATE		
Meath Hospital School, Ottershaw ...	—	1
Children's Convalescent Home, West Kirby ...	1	—
Bradstock Lockett Hospital, Southport ...	—	1
EDUCATIONALLY SUB-NORMAL		
Beacon Residential School, Lichfield ...	1	—
Monyhull School, Birmingham ...	—	1
MALADJUSTED		
Gordon Boys' Home, Woking ...	1	—
PHYSICALLY HANDICAPPED		
Children's Convalescent Home, West Kirby ...	—	1
Children's Convalescent Hospital, Newbury ...	1	—
St. George's, Kirsal ...	1	—

The Special Class for educationally subnormal children continued to supply a need in the area by providing accommodation for 34 pupils; of these, ten were admitted during 1950. Ten pupils were discharged as follows: —

- 3 to work (or home), having reached school leaving age.
- 2 to ordinary schools.
- 5 left town (Parents' domicile away from Scarborough).

Speech Defects.

A part-time Speech Therapist has now been appointed, and she held her first session in December.

Ineducable Children.

Three children were reported to the Local Education Authority as ineducable under Section 57 (3) of the Education Act, 1944, and one child under Section 57 (5) of the Act, as requiring supervision after leaving school.

12. CHILD GUIDANCE.

In the absence of a full Child Guidance team, Dr. Gordon has held weekly child psychiatric sessions for difficult and unstable children. It has been found, however, that the absence of other members of a Child Guidance team seriously handicaps the psychiatrist's work, as liaison between home and clinic becomes difficult when there is no psychiatric social worker.

Where the child's upset is associated with a specific learning difficulty the help of an educational psychologist is very necessary.

With younger children, the absence of play therapy facilities have sometimes made contact difficult.

The following is a summary of the psychiatrist's work: —

Number of sessions held at Scarborough	37
Number of children examined	38
Number of initial examinations of school children ...	27
Number of re-examinations	68
Number of children ascertained as Maladjusted Pupils within the meaning of the Handicapped Pupils and School Health Service Regulations, 1945 ...	2

In addition to the above, several children from outside the Divisional Area were seen at Scarborough by Dr. Gordon at the request of the County School Medical Officer.

13. CHILD DELINQUENTS.

Sixty-six medical reports were submitted to the Magistrates relating to children who appeared before the Juvenile Court.

14. EMPLOYMENT OF SCHOOL CHILDREN.

Seventy-six children were examined by the school medical officers as to fitness for employment under the provisions of the Employment of Children Bye-Laws; with one exception, all were considered fit for their proposed employment.

15. PROTECTIVE INOCULATION.

A note was made of all children subjected to routine medical inspection who bore scars of successful vaccination against smallpox; according to this method of assessment 28.60% Primary and 27.22% Secondary had been protected.

During the year 153 school children completed a course of immunisation against diphtheria and a further 555 children received reinforcement doses under the Local Health Authority's schemes. It is estimated that approximately 80% of the school children in the Division are protected against diphtheria.

MEDICAL INSPECTION RETURNS,

Year ended 31st December, 1950.

TABLE I.

MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED PRIMARY AND SECONDARY SCHOOLS.

A. Periodic Medical Inspections

Number of Inspections in the prescribed groups			
Entrants	...	...	834
Second Age Group	...	...	623
Third Age Group	...	...	1,183
TOTAL			2,640
Number of other periodic inspections			
			1,830
GRAND TOTAL			4,470

B. Other Inspections

No. of Special Inspections	...	...	840
No. of Re-Inspections	...	...	1,866
TOTAL			2,706

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.
Entrants	7	112	118
Second Age Group	27	49	74
Third Age Group	58	113	165
Total (prescribed Groups)	92	274	357
Other Periodic Inspections	85	172	247
GRAND TOTAL	177	446	604

TABLE II.

A. Return of Defects found by Medical Inspection during the year.

DISEASE OR DEFECT.	Periodic Inspections.		Special Inspections.	
	Number of Defects.		Number of Defects.	
	Requiring Treatment	Requiring Observation but not Treatment	Requiring Treatment	Requiring Observation but not Treatment
SKIN	18	17	109	8
EYES				
(a) Vision	177	81	90	43
(b) Squint	12	7	10	14
(c) Other	6	3	52	2
EARS				
(a) Hearing	—	13	6	5
(b) Otitis Media	—	2	24	2
(c) Other	2	6	24	4
NOSE AND THROAT	58	148	144	145
SPEECH	3	23	13	10
CERVICAL GLANDS	2	15	18	18
HEART AND CIRCULATION	124	68	106	91
LUNGS	9	20	48	32
DEVELOPMENTAL				
(a) Hernia	—	8	2	6
(b) Other	—	5	1	5
ORTHOPAEDIC				
(a) Posture	6	47	6	25
(b) Flat Foot	14	37	8	24
(c) Other	22	68	11	51
NERVOUS SYSTEM				
(a) Epilepsy	—	—	—	1
(b) Other	16	16	48	32
PSYCHOLOGICAL				
(a) Development	—	5	6	11
(b) Stability	—	—	4	2
OTHER	155	119	369	208

B. Classification of the General Condition of Pupils inspected during the year in the Age Groups.

Age Groups.	Pupils Inspected.	A. (Good).		B. (Fair).		C. (Poor).	
		No.	%	No.	%	No.	%
Entrants ...	834	397	47.60	436	52.28	1	0.12
Second Age Group	623	229	36.76	388	62.28	6	0.96
Third Age Group	1,183	741	62.64	437	36.94	5	0.42
Other Periodic Inspections ...	1,830	838	45.79	975	53.28	17	0.93
TOTAL ...	4,470	2,205	49.33	2,236	50.02	29	0.65

TABLE III.

Infestation with Vermin.

(1) Total number of examinations in the schools by the school nurses or other authorised persons ...	18,065
(2) Total number of individual pupils found to be infested	21
(3) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2) Education Act, 1944) ...	1
(4) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944) ...	-

TABLE IV.

Treatment of Pupils attending maintained Primary and Secondary Schools.

GROUP 1. DISEASES OF THE SKIN (excluding uncleanliness, for which see Table III).

	Number of Cases treated, or under treatment during the year.	
	By the Authority.	Otherwise.
Ringworm— (i) Scalp ...	-	-
(ii) Body ...	-	1
Scabies ...	17	-
Impetigo ...	47	-
Other skin diseases ...	373	4
TOTAL ...	437	5

GROUP 2. EYE DISEASES, DEFECTIVE VISION AND SQUINT.

		<i>Number of cases dealt with</i>	
		<i>By the</i>	
		<i>Authority.</i>	<i>Otherwise.</i>
External and other, excluding errors of refraction and squint	100*	1	
Errors of Refraction (including squint)	—	425	
	<hr/>	<hr/>	
TOTAL	100	426	
	<hr/>	<hr/>	
No. of Pupils for whom spectacles were			
(a) Prescribed	—*	241	
(b) Obtained	—*	106	

GROUP 3. DISEASES AND DEFECTS OF EAR, NOSE AND THROAT.

		<i>Number of cases treated</i>	
		<i>By the</i>	
		<i>Authority.</i>	<i>Otherwise.</i>
Received operative treatment:			
(a) for diseases of the ear	—	4	
(b) for adenoids and chronic tonsillitis	—	373	
(c) for other nose and throat conditions	—	7	
Received other forms of treatment	111	2,000	(approx.)
	<hr/>	<hr/>	
TOTAL	111	2,384	
	<hr/>	<hr/>	

GROUP 4. ORTHOPAEDIC AND POSTURAL DEFECTS.

		<i>19</i>	
		<i>By the</i>	
		<i>Authority.</i>	<i>Otherwise.</i>
(a) No. treated as in-patients in hospitals	—	239	
(b) No. treated otherwise, e.g. in clinics or out-patients departments	—	—	239

GROUP 5. CHILD GUIDANCE TREATMENT.

		<i>Number of cases treated</i>	
		<i>In the Authority's</i>	
		<i>Child Guidance</i>	<i>Else-</i>
		<i>Clinics.</i>	<i>where.</i>
No. of pupils treated at Child Guidance Clinics	—	—	38

GROUP 6. SPEECH THERAPY.

		<i>Number of cases treated</i>	
		<i>By the</i>	
		<i>Authority.</i>	<i>Otherwise.</i>
No. of pupils treated by Speech Therapists	1	—	

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

GROUP 7. OTHER TREATMENT GIVEN.

			<i>Number of cases treated</i>	
			<i>By the</i>	
			<i>Authority.</i>	<i>Otherwise.</i>
(a) Miscellaneous minor ailments ...	...	...	906	32
(b) U.V.R. Treatment ...	...	...	302	-
TOTAL ...			<u>1,208</u>	<u>32</u>

TABLE V.

DENTAL INSPECTION AND TREATMENT CARRIED OUT BY THE AUTHORITY.

(1) Number of pupils inspected by the Authority's Dental Officers:—				
(a) Periodic age groups ...	...	...		3,343
(b) Specials ...	...	...		342
		TOTAL ...		<u>3,685</u>
(2) Number found to require treatment ...	...	...		1,877
(3) Number referred for treatment ...	...	...		1,877
(4) Number actually treated ...	...	...		1,175
(5) Attendances made by pupils for treatment ...	...	...		3,268
(6) Half days devoted to:	Inspection	...	...	38
	Treatment	...	...	512
		TOTAL ...		<u>550</u>
(7) Fillings:	Permanent Teeth	...	...	1,147
	Temporary Teeth	...	...	17
		TOTAL ...		<u>1,164</u>
(8) Number of teeth filled:	Permanent Teeth	...	...	1,050
	Temporary Teeth	...	...	15
		TOTAL ...		<u>1,065</u>
(9) Extractions:	Permanent Teeth	...	...	501
	Temporary Teeth	...	...	1,447
		TOTAL ...		<u>1,948</u>
(10) Administrations of general anæsthetics for extraction				871
(11) Other operations:	Permanent Teeth	...	...	808
	Temporary Teeth	...	...	69
		TOTAL ...		<u>877</u>
(12) Orthodontic and Denture Attendances	...	...		641

**PRIMARY SCHOOLS.
AVERAGE HEIGHTS.**

BOYS

AGE GROUPS.	BOYS			GIRLS		
	No. Measured.	Inches.	Centimetres.	No. Measured.	Inches.	Centimetres.
2-3 years	13	36.31	92.02	12	37.75	95.91
3-4 years	20	38.55	97.92	34	38.06	96.67
4-5 years	53	40.98	104.09	49	40.18	102.06
5-6 years	219	44.21	112.29	195	43.82	111.30
6-7 years	50	43.92	111.56	50	44.54	113.13
7-8 years	194	47.11	119.66	164	47.57	120.83
8-9 years	78	52.46	133.25	93	48.92	124.26
9-10 years	23	53.43	135.71	13	53.23	135.20
10-11 years	223	53.80	136.65	169	53.25	135.25
11-12 years	46	56.02	142.29	44	55.05	139.83
12-13 years *	4	57.75	146.69	4	57.50	146.05
13-14 years *	11	61.82	157.02	13	59.08	150.06
14-15 years *	15	60.73	154.25	6	59.67	151.56

AVERAGE WEIGHTS.

BOYS

AGE GROUPS.	BOYS			GIRLS		
	No. Weighed.	lbs.	Kilograms.	No. Weighed.	lbs.	Kilograms.
2-3 years	13	33.15	15.04	12	30.50	13.83
3-4 years	25	35.80	16.24	41	33.83	15.35
4-5 years	60	40.47	18.31	57	38.53	17.48
5-6 years	220	43.28	19.63	193	42.91	19.46
6-7 years	50	46.40	21.05	50	46.14	20.93
7-8 years	194	52.42	23.78	161	51.36	23.30
8-9 years	78	58.26	26.43	90	54.62	24.78
9-10 years	23	67.70	30.71	12	67.42	30.58
10-11 years	223	69.34	31.45	165	69.11	31.35
11-12 years	46	77.45	35.13	44	77.52	35.16
12-13 years *	4	90.00	40.83	4	74.52	33.80
13-14 years *	11	108.25	49.10	13	86.54	39.25
14-15 years *	15	102.66	46.57	6	94.33	42.79

**SECONDARY SCHOOLS.
AVERAGE HEIGHTS.**

BOYS

AGE GROUPS.	BOYS			GIRLS		
	No. Measured.	Inches.	Centimetres.	No. Measured.	Inches.	Centimetres.
9-10 years *	-	-	-	3	53.66	136.29
10-11 years *	-	-	-	18	55.88	141.94
11-12 years	15	57.33	145.62	53	57.47	145.97
12-13 years	179	58.06	147.47	281	58.70	149.10
13-14 years	178	59.76	151.79	461	60.46	153.57
14-15 years	227	62.11	157.81	486	62.07	157.66
15-16 years	79	65.00	165.10	145	63.48	161.29
16-17 years	51	67.04	170.03	79	62.53	158.57
17-18 years	28	68.75	174.63	26	64.65	164.21
18-19 years	20	67.60	171.70	4	64.50	163.83
19+	7	70.86	179.98	-	-	-

AVERAGE WEIGHTS.

BOYS

AGE GROUPS.	BOYS			GIRLS		
	No. Weighed.	lbs.	Kilograms.	No. Weighed.	lbs.	Kilograms.
9-10 years *	-	-	-	3	92.30	41.87
10-11 years *	-	-	-	18	85.28	38.68
11-12 years	15	81.46	36.50	53	87.11	39.51
12-13 years	179	87.25	39.58	281	92.62	42.01
13-14 years	178	95.34	43.25	461	103.54	46.97
14-15 years	227	105.21	47.72	486	110.92	50.31
15-16 years	79	116.88	53.01	145	121.30	55.02
16-17 years	51	130.63	59.25	79	127.75	57.95
17-18 years	28	136.75	62.03	26	125.92	57.11
18-19 years	20	141.15	64.03	4	127.50	57.83
19+	7	164.86	74.78	-	-	-

* Convent Grammar School,

