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INSTITUTE OF SOCIAL
MEDICINE

10, PARKS ROAD,
OXFORD

COUNTY BOROUGH OF BURY

EDUCATION COMMITTEE

ANNUAL REPORT

ON THE WORK OF THE

SCHOOL HEALTH SERVICE

FOR THE YEAR

1947



K. K. WOOD, M.B., M.R.C.S., D.P.H.,

School Medical Officer

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Members of Education Committee.

The Mayor (Alderman HARDMAN).
 Alderman CRAWSHAW (Chairman),
 Councillor A. KAY (Deputy Chairman),
 Alderman DAWSON,
 ,, GOODALL,
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 Councillor BOTTOMLEY,
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 Mr. F. J. CRAWFORD,
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 Miss H. M. WESTERDALE,
 Mrs. A. KIRKMAN.

Staff.

K. K. Wood, M.B., M.R.C.S., D.P.H.

N. A. M. Mackinnon, M.B., D.P.H. (to 18.3.47).

E. Snell, L.R.C.P. & S., D.P.H. (From August, 1947).

T. A. Hunt, M.B., M.Sc.

J. Ratcliffe, M.B.

E. S. Brentnall, F.R.C.S. (Ed.).

D. A. Goodman, M.D., F.R.C.S. (Ed.).

F. Kershaw, L.D.S.

Miss I. Keith.

Mrs. M. Stevenson. Joint with Health Committee,
Mrs. E. Wild. from 24.2.47.

Mrs. E. Wild.

Miss A. Haines (Dental Nurse).

Mrs. A. Hallam (Joint with Health Committee).

Speech Therapist :—Vacant.

Physiotherapist :—Vacant.

Miss N. Hargreaves.

ANNUAL REPORT FOR 1947.

To the Chairman and Members of the Education Committee,
Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting the Annual Report on the work of the School Medical Department for 1947.

The periodic medical inspections have been carried out at all the schools, and a large number of special inspections and re-inspections have been made by the School Medical Officers.

There does not seem to be any considerable change in the incidence of defects found. There was a slight increase in the number of skin conditions found during inspections, with the exception of Scabies, which has steadily declined from the high figure of 333 in 1944 to 79 in the present year. The infestation with lice and nits was found in 12.7% of the children examined.

The nutritional state of the children appears to be similar to last year.

There has been no large outbreak of infectious disease. There were three cases of poliomyelitis in school children.

Special efforts have been made to offer reinforcing doses for diphtheria immunisation. All school children's parents were circularised, and 2,840 children given reinforcing doses. Approximately 77% of school children have been immunised against diphtheria.

Much work remains to be done to bring up many of the school buildings to a satisfactory standard, either by means of alterations, repairs, or new building to implement the provisions of the Education Act. What it is intended to do is scheduled in the development plan.

Many of the developments in the School Health Service which the Education Committee have decided to make have been held up by the impossibility of engaging the necessary trained staff. It is, perhaps, expedient to recall that at the present time the following vacancies are waiting to be filled. They are Speech Therapist, Physiotherapist, and teacher for lip reading. In addition the Authority is trying to obtain joint appointments with other Authorities for Child Guidance and Orthoptist work. When these services are provided some very important gaps in the facilities provided for

the children will be closed. There is urgent need for another Dental Surgeon. Until a dental surgery is available at The Huntley Mount Clinic, this appointment cannot be made.

The absence of a Special School for Educationally Subnormal pupils is a serious handicap. After ascertainment by the Medical Officers most of these children have to be returned to the ordinary school, where they are a handicap to other children, and cannot receive the special training which they require.

I would like to thank the Staff for the keenness and loyalty that they have shown in their work, and to the Director of Education for the co-operation which has at all times existed.

To the Chairman and Members of the Education Committee I wish to express my thanks for their encouragement in carrying out and improving the School Health Services.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

K. K. Wood.

School Medical Officer.

Public Health Department,

Bury. February, 1948.

ANNUAL REPORT OF THE SCHOOL MEDICAL OFFICER FOR 1947.

Area of Bury in acres	7,434
Population (Registrar-General's estimate 1947)	56,620
Number of school children on register at end of 1947 :—	
Infants	1,919
Juniors and Seniors	3,403
Secondary	1,470
	6,792

There are 7 provided schools (including the High School and Junior Technical) and 20 non-provided schools in the Borough.

SCHOOL HYGIENE.

The sanitary accommodation in the Schools was set out in a table in last year's report. With the exception of Chesham Unitarian School, conditions are substantially the same. At Chesham School new lavatory accommodation has been provided. This consists of 7 w.c.'s for children and one for the staff.

Decorating of premises has been carried out at East Ward Infants, All Saints', St. Chad's, St. Mary's, and St. Stephen's Schools.

Minor structural alterations have been carried out at East Ward and Church Central Schools. There have been no new dining rooms completed, although at two schools these are in course of erection.

Mention should be made of the difficulties experienced at the beginning of the year owing to freezing of outside lavatories and the water supply to them. Until the time comes when more of these are built within the schools, it would be advisable to cover the water pipes, where exposed, with insulating material.

A supply of the Irwell Valley Joint Water Board's water is piped to all Schools with the exception of Birtle C. of E. School. This School has no water supply laid on. Drinking water is taken up to the School along with the school dinners from the Cooking Centres. This arrangement was agreed to by the Education Committee as a temporary expedient. It is desirable that a water supply be made available so that washing facilities may be adequately made for the children, and modern sanitary accommodation provided.

EXAMINATION OF SWIMMING BATHS WATER.

In the Town there are three Swimming Baths which are used by school children. At the Technical College Swimming Bath, which is used by children from all schools for swimming instruction; at the Bury Grammar School, which is a Direct Grant School, and which is used by its own pupils; and the Town's Public Swimming Baths, St. Mary's Place, which may be used by any of the children in their own spare time. Sterilisation of water is obtained by the use of Ozone.

Below are given some examples obtained from Analysis of Samples from these Baths, taken during the year.

BACTERIOLOGICAL EXAM.	TECHNICAL COLLEGE	BURY G.S.	PUBLIC BATHS
Plate Count after 3 days at 22°C. (Colonies per m.l. of water)	Less than 100	62,000	1
Plate Count after 2 days at 27°C. (Colonies per m.l. of water)	200	98,000	1
Quantity of water in which :— B. Coli were found	Not found	Not found	Not found
Quantity of water in which :— B. Coli were not found	100 c.c.	100 c.c.	100 c.c.

During the year six samples were taken from the Baths. In addition to Bacteriological examinations, a chemical analysis was made of the water. In all cases the waters were reported as satisfactory for bathing.

UNCLEANLINESS.

The incidence of verminous conditions amongst school children is a problem which is constantly before the School Medical Officer and his Staff. On the average each school was visited on eight occasions by the School Nurses for the purpose of cleanliness inspections. The number of examinations of children for this purpose was 15,702. As a result of these inspections 12.7% of the children were found to be infested, either with nits or lice. In 90 of the children infestation of the body was found; the remainder were in the head.

It is considered that cleansing is the responsibility of the parent, and efforts have been made to see that this process was carried out at home. In a few special cases, however, it was done at the Clinic.* The loan of special metal combs has been continued.

In spite of the addition of D.D.T. and Lethane Oil to help, infestation has continued to be a problem, and unremitting vigilance is required to keep this pest down. There are certain bad cases which appear to be a source of constant reinfestation to others.

A bath has been installed at the Wylde Clinic to help in the treatment of these cases and the treatment of Scabies.

No cleansing notices under Section 54 (2) were issued, although a large number of informal notices were sent to parents and visits were paid by the School Nurses.

ROUTINE MEDICAL INSPECTIONS.

Three groups of children were examined: 771 entrants, 789 in the second age group, and 546 in the third age group, giving a total of 2,106 children examined.

In addition the Medical Officers made 2,320 special inspections and re-inspections. These examinations were made at the Schools or at the Clinics.

REVIEW OF SOME FACTS DISCLOSED BY MEDICAL INSPECTION.

Nose or Throat. During the year 166 children were found to be suffering from defects of the nose or throat requiring treatment, while 107 were referred for observation only.

Comparative figures for the previous four years are:—

	1943.	1944.	1945.	1946.
Children requiring treatment ...	176	307	238	187
Children requiring observation ...	88	89	134	134

Tuberculosis. Seven cases of Pulmonary and six cases of Non-Pulmonary Tuberculosis were notified during the year.

Lungs. 95 cases of Non-T.B. chest diseases were discovered during the year. Of these 46 were referred for treatment and 49 for observation.

Skin. 609 cases of Skin Disease were found during the year. Of these 598 were referred for treatment, and 11 for observation.

External Eye Disease. 86 cases of external eye disease were found during the year, 70 of which were referred for treatment and 16 for observation.

Defective Vision and Squint. 293 cases of defective vision and squint were found. Of these 244 were cases of defective vision and 49 cases of squint. 158 were referred for treatment and 135 for observation only.

Ear Disease and Hearing. 42 children were found to be suffering from defective hearing, 16 of which were referred for treatment and 26 for observation. 54 children were found to be suffering from Otitis Media. 34 cases were referred for treatment and 20 cases for observation. In addition there were 172 cases of other ear conditions.

FOLLOWING UP.

Medical Inspection loses much of its value if those children found to be suffering from some defect are not "followed up" in order to ensure that the necessary treatment has been obtained either from the child's own private medical practitioner or from the services provided by the Local Authority.

Should the child not be accompanied by the parent, a note is sent drawing the attention of the parent to the defect, and suggesting that treatment be obtained. This is followed up either by a visit to the child at school by the Nurse, or by home visits to the parent. Arrangements are made for reinspection of children with defects to be made by the School Medical Officers. In the large majority of cases little difficulty has been experienced in obtaining treatment for the children.

The large majority of home visits by Nurses has been in cases of infectious diseases. Cases notified from the schools as suffering from infectious or suspected infectious disease are visited at the child's home.

WORK OF SCHOOL NURSES.

At Schools and Home Visiting.

During the year the School Nurses have carried out the following visits, etc. :

Home Visiting by Nurses :

Homes of Dental Cases	—
„ Ophthalmic Cases	8
„ Throat Cases	—
„ Minor Ailments	30
„ Infectious Disease	639
„ re Cleanliness	12
Other visits	241
Total	925
Visits to Schools with Medical Officers	178
Visits to Schools with Dentists	30
Other visits to Schools by Nurses—	
(a) For cleanliness	221
(b) Other visits	299
Children examined re cleanliness	15,702
Number of above unclean	1,995
Contacts examined re Infectious Disease	82

ARRANGEMENTS FOR TREATMENT OF SCHOOL CHILDREN.

NAME OF CLINIC.	WHERE HELD.	TIME.
Minor Ailments.	The Wylde Clinic.	Daily—9 a.m. to 10 a.m.
Minor Ailments.	Huntley Mount Clinic.	Daily—9 a.m. to 10 a.m.
Medical Officer's Inspection Clinic.	The Wylde Clinic.	Daily—9 a.m. to 10 a.m.
Scabies Clinic.	Huntley Mount Clinic.	As required.
Orthopædic Clinic (Exercises).	The Wylde Clinic.	When Staff available.
Orthopædic Clinic (with Lancs. C.C.)	The Uplands, Whitefield.	Orthopædic Surgeon attends 3rd Wednesday each month at 9-30 a.m.
Ultra Violet Light Clinic.	The Wylde Clinic.	Tuesday and Friday— 2 p.m. to 4 p.m.
Immunisation Clinic.	The Wylde Clinic.	Wednesday—10-30 a.m.
Ophthalmic Clinic.	The Wylde Clinic.	Wednesday and Thursday commencing 2-30 p.m. (by appointment)
Dental Clinic.	The Wylde Clinic.	Daily—9 a.m. to 12 noon, and 2 p.m. to 5 p.m. Saturday—9 a.m. to 12 noon.
T.B. in children.	The Wylde Clinic.	Thursday—10-30 a.m. to 12 noon.
Ear, Nose, and Throat.	The Wylde Clinic.	First Monday in Month— 2-30 p.m.(by appointment).

Minor Ailments Clinic—THE WYLDE.

No. of children attending from 1946	51
„ „ „ discharged during 1947	1,126
„ „ „ still attending at end of 1947	43
„ „ fresh children who attended during 1947	1,119
„ „ attendances	5,435
Clinic open	301 days
Average attendance per child	4.6 „
Average daily attendance	18.5 „

In addition to the above, 423 children attended on three or four successive days for mydriatic application before seeing the School Oculist for the purpose of refraction. This represents 1,480 attendances, which are not included in the total attendances in the previous table.

Altogether 539 parents were seen at the Clinic during the course of the year.

Comparative figures for previous years are as follows:—

	1943	1944	1945	1946
Number of fresh children who attended				
Clinic	1,633 (84 E*)	1,664 (252 E*)	1,431 (70 E*)	1,057
Number of attendances	7,771 (264 E*)	8,137 (1051 E*)	8,291 (549 E*)	6,954
Average attendance per child	4.46	4.51	5.3	6.24
Average daily attendance	25.73	27.4	27.3	23.3
Children attending for mydriatic application	389 (6 E*)	368	440	482

* Includes Evacuees.

MINOR AILMENTS CLINIC—Huntley Mount.

This Clinic is open daily from 9 a.m. to 10 a.m., for the treatment of minor ailments and the treatment of Scabies if required.

No. of children attending from 1946	None.
„ „ discharged during 1947	150
„ „ still attending at end of 1947	None.
„ fresh children who attended during 1947	150
„ attendances	746
Clinic open	184 days
Average attendance per child	4.9
Average daily attendance	4.1

32 parents were seen at this Clinic during the course of the year.

Cases Attending all Clinics.

The nature of the cases treated at the Minor Ailments Clinics are given below :—

Skin—Ringworm Scalp :

(1) X-ray treatment	0
(2) Other treatment	1
Ringworm, Body	0
Scabies	79
Impetigo	102
Other skin diseases	417
Minor Eye defects—External and other (but excluding defective vision and squint)	70
Minor Ear defects	106
Miscellaneous	319

SCABIES.

During the year 79 cases of Scabies were discovered and treated. The incidence of Scabies appears to rise and fall over a period of years. As a matter of interest the number of cases discovered by the School Medical Department is given below. It appears that the main source of infection is from person to person, especially those sleeping in the same bed with an infected person, and that it is not generally spread by clothing.

The number of cases in 1937 was 83, 1938—36, 1939—29, 1940—16, 1941—50, 1942—177, 1943—263, 1944—333, 1945—126, 1946—113, 1947—79.

Facilities for treatment of Scabies are provided at the Huntley Mount Clinic and the Wylde. At the Wylde Clinic 62 children made 442 attendances, and at Huntley Mount 17 children made 83 attendances.

RINGWORM.

The Education Committee has an arrangement with the Manchester Skin Hospital for the X-Ray treatment of Ringworm. No cases were sent this year.

TUBERCULOSIS.

The following table shows the number of cases of Tuberculosis which have received Institutional treatment during the year:

Liverpool Open-Air Hospital for Children, Leasowe:—

	No.	Total No. of Days.
Boys	9	2,142
Girls	8	1,382

Shropshire Orthopædic Hospital, Oswestry:

Girls	2	299
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Bury Infirmary:

Girl	1	33
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Children's Orthopædic Hospital, Marple:

Girl	1	24
-------------	---	----

Liverpool Sanatorium, Frodsham:

Girl	1	152
-------------	---	-----

A special session is held at the Wylde by the Tuberculosis Officer each Thursday morning at 10-30 a.m. to 12 noon, to see cases of Tuberculosis or suspected Tuberculosis in children. Many of these cases are School Children, and are non-pulmonary. It is considered advisable to separate the children from the adult cases attending at the ordinary sessions of the T.B. Clinic.

DIABETES.

There are four children suffering from diabetes who are supplied with free Insulin. They obtain the treatment they need while living at home. There are no children who require special residential care.

THE ORTHOPAEDIC CLINIC.

An arrangement is in force under which Orthopædic cases from Bury are treated under the Scheme of the Lancashire County Council.

The Orthopædic Clinic is held at the "Uplands," Whitefield, on Wednesdays. The Orthopædic Surgeon, Mr. E. S. Brentnall, M.B., F.R.C.S.E., attends on the 3rd Wednesday of each month.

At Ancoats Hospital, Manchester, cases are seen for further opinion or for further examination, including X-ray photographs. Apart from examination and out-patient treatment, only short-stay cases are admitted to the wards of the Ancoats Hospital.

At Biddulph Grange Orthopædic Hospital in-patient treatment is afforded.

Particulars of cases dealt with at the Orthopædic Clinic during the year are given below:—

New Cases :

First Consultation with Surgeon	11
Second or subsequent consultations with Surgeon ...	6

Old Cases :

Total Consultations with Surgeon	30
All Cases—Total Consultation with Surgeon	47

Six children were maintained in Biddulph Hospital during the year, and five children were admitted to Ancoats Hospital.

In addition the Education Committee accepted responsibility for two cases that were receiving in-patient treatment at the Children's Orthopædic Hospital, Marple. These cases were transferred from the Florence Nightingale Hospital for orthopædic treatment following Poliomyelitis.

REMEDIAL EXERCISES.

The special class for remedial exercises could not be held owing to lack of staff.

ULTRA-VIOLET RAY TREATMENT.

This form of treatment is given at the Wylde. There are two lamps available, one combined with Infra-red rays and the other for the more general application of Ultra-Violet rays. This form of treatment appears to be particularly useful as an adjunct to other forms of treatment, more especially in the winter months. Two sessions are held weekly. Patients attend by appointment.

(a) Analysis of cases:—

Debility	21
Bronchitis	10
Bell's Palsy	1
Rickets	4
Eneuresis	1
Frequent colds	2
Malnutrition	2
Asthma	3
T.B. Spine	1
Catarrh	1
Glands (Non T.B.)	8
Enlarged Tonsils	2
Cough	3
Thread Worms	3
Otitis Media	4
Skin Conditions	9
Other Chest Conditions	8
Total	83

(b) Attendances:—

Miscellaneous cases—83 children made 1,543 attendances.

Average attendance per child—18.6.

RESIDENTIAL SPECIAL SCHOOLS.

During 1947 the following handicapped children were maintained in special schools or hospitals or Institutions:—

Partially sighted	4
Deaf or partially deaf	6
Delicate—physically defective... ..	0
Orthopædic cases	14
Tuberculosis cases	21
Educationally Sub-normal	5*

(* 4 ineducable).

EAR DISEASE AND HEARING.

The treatment of middle ear disease and of the various degrees of deafness has been a matter of great concern. In order to assist in this a Consultant Ear, Nose, and Throat Surgeon (Dr. D. A. Goodman) has been appointed, and commenced work in December. This appointment will fill a gap which has existed in the Services.

I should like to refer to the great assistance which has been obtained from Dr. Ewing, of the Department of the Deaf, at the Manchester University, in the assessment of certain cases of partial deafness.

The Committee has endeavoured to obtain a qualified teacher (part time) to hold a lip reading class in Bury. Unfortunately it has been found impossible to engage one.

X-RAY EXAMINATIONS.

Arrangements have been made for X-ray examinations of School Children referred from the Clinic to be made at the Bury Infirmary.

HANDICAPPED PUPILS.

The following table gives the number of handicapped children on the registers at the Child Welfare and School Clinics, as at 31st December, 1947.

	IN SPECIAL SCHOOLS			IN MAINTAINED SCHOOLS			NOT AT SCHOOL			TOTAL
	Years 2-5	Years 5-15	Years 16-18	Years 2-5	Years 5-15	Years 16-18	Years 2-5	Years 5-15	Years 16-18	
Blind Pupils	—	—	—	—	—	—	—	—	—	—
Partially Sighted Pupils	—	4	—	—	3	—	—	—	2	9
Deaf Pupils	—	4	—	—	—	—	1	—	—	5
Partially deaf Pupils	—	2	—	—	9	—	1	—	1	13
Delicate Pupils	—	10	—	—	99	—	3	5	7	124
Diabetic Pupils	—	—	—	—	4	—	—	1	—	5
Educationally sub-normal Pupils	—	2	3 (in-ed.)	—	262	—	5	12 (5 in-ed.)	7 (2 in-ed.)	291
Epileptic Pupils	—	—	—	—	5	—	—	2	3	10
Maladjusted Pupils	—	2	—	—	2	—	—	—	—	4
Physically Handicapped Pupils	—	8	—	—	40	—	9	4	3	64
Pupils suffering from Speech Defect	—	—	—	—	251	—	5	30	32	318
Pupils suffering from Multiple Defects	—	—	1 (in-ed.)	—	—	—	1	1 (in-ed.)	1 (in-ed.)	4

DENTAL REPORT.

I am indebted to Mr. F. Kershaw, School Dental Officer, for the following report :—

The Staff consists of one full time Dental Officer and one full time Nurse.

The school dental service has been maintained at a consistent level, although the hope was entertained that, by the time this report was due, the service would not only have been maintained but extended.

Ratios of permanent teeth filled to those extracted show an increase over the past few years, and as the aim of a school dental service is to ensure that as many children as possible leave school with the maximum number of teeth in good order, this is a step in the right direction.

A few orthodontic cases of a simpler nature have been treated by appliances, although the bulk of this type of work is referred to the Manchester Dental Hospital or private practitioners, as the parent chooses.

The number of sound dentitions in school entrants is still found to be high.

Percentage acceptances for treatment this year remain at 77.

It has been found impossible to make routine inspections in the High School and Junior Technical School. Of the remaining 25 schools it was found possible to carry out routine inspections at 18 schools.

Details of the work done is given in the appendix of this report (Table IV).

DIPHTHERIA IMMUNISATION.

Facilities are available for carrying out this procedure at the School Clinics held at the Wylde Clinic. There is a weekly morning session. Special extra sessions have been arranged for this when the number of children requires such a session. Special sessions have also been held at the Schools where the number of children has warranted this.

Efforts have been made this year to offer to all children facilities for a re-inforcing dose to those who have had their initial inoculation in infancy. The parent of each child at school has been circularised as to the advisability of the child having a re-inforcing dose. In response to this, 2,840 children received a re-inforcing dose during the year. To assist in this, the schools were visited for 31 sessions. The remaining children were treated at the School Clinic.

The number of children attending school between 5 and 14 years who have been immunised is 5,231. This gives approximately 77% of school children immunised.

Persons inoculated each year from 1934-1947.

Age in years on 31st Dec. of the corresponding year.	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	Total
0	—	—	—	—	—	—	—	—	—	—	—	—	—	10	Total aged under 5 on 31/12/47.
1	—	19	4	1	—	3	6	103	140	262	265	350	313	375	
2	—	25	9	5	8	10	10	148	137	186	109	93	111	87	
3	—	33	12	4	4	11	17	119	77	161	35	35	31	23	
4	—	50	9	1	12	13	10	140	113	182	26	24	35	54	1,712.
5	—	92	16	5	14	6	12	165	115	224	39	12	22	92	Total aged 5-14 years on 31/12/47
6	—	129	26	1	13	6	9	206	98	141	20	13	16	100	
7	—	21	25	2	7	6	5	213	95	177	15	7	8	88	
8	—	31	10	1	6	4	4	175	79	132	12	9	12	85	
9	—	30	8	1	3	5	6	199	74	126	9	4	3	60	
10	—	37	8	2	6	3	1	202	78	172	9	2	4	30	
11	—	28	9	3	4	3	3	186	44	148	1	3	1	25	
12	—	19	6	—	1	6	1	320	40	134	2	2	2	17	
13	—	21	7	—	2	4	—	31	59	116	—	2	2	31	
14	—	14	5	—	—	1	3	49	16	102	1	2	1	16	5,231.
15 and over	—	18	—	—	2	4	—	22	11	5	—	9	1	—	2,545.
Total each year	—	567	154	26	82	85	87	2,278	1,176	2,268	543	567	562	1,093	9,488.

In addition to the above initial doses, 2,840 children received re-inforcing doses during 1947.

SPEECH DEFECTS.

There are 251 children who are suitable for guidance by a Speech Therapist. The Committee has decided to appoint a whole time Speech Therapist, but so far have been unable to acquire the services of one.

CO-OPERATION OF PARENTS, TEACHERS, Etc.

The percentage of parents attending at routine inspections was:—

" Entrants "	86.4%
" Second Age Group "	40.1%
" Third Age Group "	4.0%

The presence of parents is welcomed at the medical inspection, so that the defects found may be pointed out and steps taken to remedy the abnormality discussed. There has been an increase in the number of parents attending with the entrants. In addition to the above figures a large number of parents has accompanied their children to the Clinic, 539 at the Wylde and 32 at Huntley Mount Clinic.

We have again received much assistance from many of the teachers. The information which they have given about the children in their schools has greatly assisted in detecting changes in the condition of the child. Much of the success of the School Medical Service depends upon the co-operation of the teachers, and their aid is fully appreciated.

The closest working has taken place with the N.S.P.C.C. This has in many cases resulted in improved conditions for some of the more unfortunate children.

REPORT OF ORGANISER OF PHYSICAL TRAINING.

With the exception of two schools, all children of secondary school age have fully equipped gymnasia at their disposal.

Children of primary school age receive instruction in physical education on the school premises.

The Authority has continued to supply plimsolls and games materials to schools.

SCHOOL BATHS.

The Swimming Bath in the new Technical College has been used to capacity, but unfortunately it does not provide sufficient

accommodation for all children of secondary school age to be given a weekly period of instruction, and at the present time children attend at the baths for instruction once each fortnight.

PLAYING FIELDS.

Facilities for school games have generally been adequate. Some schools were deprived of their playing fields during the war years, but these are now being restored.

EMPLOYMENT OF SCHOOL CHILDREN.

During the year 81 children have been medically examined as to their fitness to undertake employment (usually the delivery of newspapers) out of school hours.

INSTRUCTION IN MOTHERCRAFT.

During school terms, two sessions weekly are held at The Wyld Clinic, where instruction is given by the Senior School Nurse. Girls in the last term at school attend in groups of not more than 30 at a time, each group attending for a period of six weeks, and they come from all the senior schools.

PROVISION OF MEALS.

Dinners and milk have continued to be supplied to school children during 1947, and of the number of children on the roll of schools, approximately 84% have received one-third of a pint of milk daily, and 30% have been provided with dinners.

The two canteens in the area have been used to capacity during the year. It is hoped, however, that one of the new school kitchens will be brought into operation early in 1948, so that many more children will be able to have their dinners at school.

NURSERY CLASS.

There is a Nursery Class, on extended hours, at the East Ward School. This is regularly visited by the Maternity and Child Welfare Assistant Medical Officer. She visited the School on twenty-six occasions during the year, and made forty-eight examinations of children. Children at three years of age are admitted from the Day Nursery at Maxwell Street.

MEDICAL INSPECTION RETURNS.

Year ended 31st December, 1947.

TABLE I.

Medical Inspection of Pupils attending Maintained Primary and Secondary Schools.

A. PERIODIC MEDICAL INSPECTION.

Number of Inspections in the prescribed Groups:—

Entrants	771
Second Age Group	789
Third Age Group	546
Total	2,106

Number of other Periodic Inspections —

Grand Total 2,106

B. OTHER INSPECTIONS.

Number of Special Inspections 1,857

Number of Re-inspections 463

Total 2,320

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 11A	Total Individual Pupils
Entrants	5	158	159
Second Age Group	78	88	155
Third Age Group	41	64	98
Total (prescribed groups)	124	310	412
Other periodic inspections	—	—	—
GRAND TOTAL	124	310	412

TABLE II.

A. Return of defects found by Medical Inspection in the year ended
31st December, 1947.

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
4	Skin	27	11	571	—
5	Eyes <i>a.</i> Vision	124	120	204	137
	<i>b.</i> Squint	34	15	82	—
	<i>c.</i> Other	5	16	65	—
6	Ears <i>a.</i> Hearing	5	26	11	—
	<i>b.</i> Otitis Media	18	20	16	—
	<i>c.</i> Other	42	53	77	—
7	Nose or Throat	96	107	70	—
8	Speech	3	8	4	—
9	Cervical glands	5	52	8	15
10	Heart and circulation	6	50	—	12
11	Lungs	15	49	31	—
12	Developmental :—				
	<i>a.</i> Hernia	4	56	—	—
	<i>b.</i> Other	2	6	—	—
13	Orthopædic :—				
	<i>a.</i> Posture	1	10	1	—
	<i>b.</i> Flat Foot	7	30	2	—
	<i>c.</i> Other	15	26	7	—
14	Nervous system :—				
	<i>a.</i> Epilspey	—	4	—	1
	<i>b.</i> Other	—	1	—	4
15	Psychological :—				
	<i>a.</i> Development	3	6	8	3
	<i>b.</i> Stability	—	4	3	—
16	Other	22	38	356	—

TABLE II.

B. Classification of the general condition of Pupils inspected during the year in the age groups.

Age Groups.	No. of Pupils inspected	A. (Good)		B. (Fair)		C. (Poor)	
		No.	%	No.	%	No.	%
Entrants	771	340	44.0	412	53.5	19	2.5
Second Age Group	789	324	41.1	440	55.8	25	3.1
Third Age Group	546	155	28.4	363	66.5	28	5.1
Other periodic inspections	—	—	—	—	—	—	—
TOTAL	2,106	819	38.9	1,215	57.7	72	3.4

TREATMENT TABLES.

TABLE III.

GROUP I.—Minor Ailments (excluding uncleanliness).

(a)	No. of defects treated or under treatment during the year.
SKIN :—	
Ringworm—Scalp—	
(1) X-ray treatment	—
(2) Other treatment	1
Ringworm—Body	—
Scabies	79
Impetigo	102
Other skin diseases	417
EYE DISEASE—(external and other, but excluding errors of refraction, squint and cases admitted to hospital)	70
EAR DEFECTS—(treatment for serious diseases of the ear, <i>e.g.</i> :—operative treatment in hospital should not be recorded here but in the body of the School Medical Officer's Annual Report)	106
MISCELLANEOUS	
(<i>e.g.</i> —minor injuries, bruises, sores, chilblains, etc.)	319
TOTAL	1,094

(b) Total number of attendances at Authority's Minor Ailments Clinics 6,181

Group II.—Defective Vision and Squint (excluding eye disease treated at Minor Ailments).

	No. of defects dealt with.
Errors of Refraction (including Squint)	413
(Operations for squint should be recorded separately in the body of the School Medical Officer's Report).	
Other defect or disease of the eyes	10
(excluding those recorded in Group 1).	
Total	423

Number of Pupils for whom spectacles were:—

(a) Prescribed	286
(b) Obtained	242

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

	Total No. treated.
Received operative treatment:	
(a) for adenoids and chronic tonsilitis	62
(b) for other nose and throat conditions	—
Received other forms of treatment	121
Total	183

Group IV.—Orthopædic and Postural Defects.

(a) No. treated as in-patients in hospitals or hospital schools	14
(b) No. treated otherwise, e.g., in clinics or out-patient departments	41

Group V.—Child Guidance Treatment and Speech Therapy.

No. of pupils treated:

(a) under child guidance arrangements	2
(b) under Speech Therapy arrangements	—

TABLE IV.

Dental Inspection and Treatment.

1) Number of Pupils inspected by the Authority's Dental Officer :	
(a) Periodic Age Groups	4,007
(b) Specials	898
(c) Total (Periodic and Specials)	4,905
(2) Number found to require treatment	3,551
(3) Number actually treated	2,619
(4) Attendances made by pupils for treatment	3,474
(5) Half-days devoted to—	
(a) Inspection	38
(b) Treatment	371
Total (a) and (b)	409
(6) Fillings :—	
Permanent Teeth	1,265
Temporary Teeth	146
Total	1,411
(7) Extractions :—	
Permanent Teeth	287
Temporary Teeth	2,381
Total	2,668
(8) Administrations of general anaesthetics for extractions	78
(9) Other operations :—	
Permanent Teeth	350
Temporary Teeth	196
Total	546

TABLE V.

Verminous Conditions.

- | | |
|---|--------|
| (1) Total number of examinations of pupils in the schools
by School Nurses or other authorised persons ... | 15,702 |
| (2) Number of individual pupils found to be infested ... | 1,995 |
| (3) Number of individual pupils in respect of whom
cleansing notices were issued | 0 |
| (Sect. 54 (2) Ed. Act, 1944). | |
| (4) Number of individual pupils in respect of whom
cleansing orders were issued | 0 |
| (Sect. 54 (3) Ed. Act, 1944). | |

