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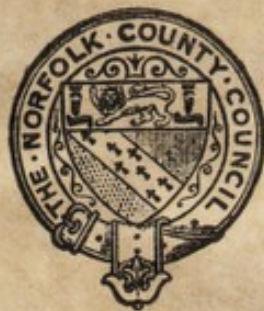
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NORFOLK EDUCATION COMMITTEE

Annual Report

of the

PRINCIPAL

SCHOOL MEDICAL OFFICER

FOR 1954



CONTENTS.

| | |
|---|-----------|
| PREFACE | Page 2 |
| STAFF—SCHOOL HEALTH SERVICE | 3-8 |
| GENERAL STATISTICS | 6 |
| MEDICAL INSPECTION | 8 |
| Findings of Medical Inspection | 9 |
| Diseases and Defects | 9 |
| General Condition | 9-10 |
| Provision of Milk and Meals | 10 |
| Cleanliness | 11 |
| Following-up | 11 |
| TREATMENT OF DEFECTS | 11 |
| Co-operation with Hospitals and General Practitioners | 11 |
| Minor Ailments Clinics | 11-12 |
| Defective Vision | 12 |
| Orthoptic Treatment | 12 |
| Defects of Ear, Nose and Throat | 12 |
| Skin Diseases | 12 |
| Tuberculosis | 13 |
| Orthopædic Treatment | 13 |
| DENTAL TREATMENT | 13-14 |
| HANDICAPPED PUPILS | 15-20 |
| Special Educational Treatment | 16 |
| (a) Sidestrand Hall | 17 |
| (b) Eden Hall, Bacton | 17 |
| (c) Colne Cottage Hostel, Cromer | 17 |
| (d) Morley Hall Hostel | 17 |
| Home Tuition | 17 |
| Child Guidance Centres | 18-19 |
| Speech Therapy | 19-20 |
| Pupils Suffering from Disability of the Mind | 20 |
| Heart Clinics | 20 |
| INFECTIOUS DISEASES | 20-21 |
| DIPHTHERIA IMMUNISATION | 21 |
| B.C.G. VACCINATION | 21 |
| SANITARY SURVEY OF SCHOOLS | 22 |
| SCHOOL MEALS SERVICE | 22-23 |
| REMAND HOMES | 23 |
| CHILDREN'S HOMES | 23 |
| NATIONAL SURVEY OF THE HEALTH AND DEVELOPMENT OF CHILDREN | 24 |
| MISCELLANEOUS: | |
| School Leavers—Medical Reports | 24 |
| Transport of Children to and from School | 24 |
| Holiday Camps for Diabetic and Epileptic Children | 24 |
| LIST OF CLINICS | 25-27 |
| STATISTICAL TABLES: | |
| Medical Inspection | 28 |
| Return of Defects found by Medical Inspection | 29 |
| Infestation with Vermin | 30 |
| Treatment provided | 30-32 |

PREFACE.

The work of the school health service continued steadily throughout 1954. The total number of children examined at general medical inspections was 21,462, an increase of 2,135 over the preceding year, and is noteworthy as being the highest ever recorded. The general condition of pupils continued to be well maintained, and only 1.73% of children examined were classified as having a "poor" general condition.

The dental service has continued under the difficulties imposed on it by the shortage of dental surgeons. Additional clinics were equipped and the condition of others was improved in those areas where most needed.

Handicapped pupils have been kept constantly under review and their needs assessed. When considered absolutely essential, the provision of accommodation at residential special schools has been recommended to the Education Committee. With the increase in the number of approved medical officers carrying out the ascertainment of educationally subnormal children, the number of these awaiting special school accommodation has continued to grow and there still remains the need for further provision in this County for this large group of handicapped pupils.

The opening of Eden Hall, Bacton, providing education for delicate children has met the requirements of another type of handicapped pupil. This residential school opened on 1st November, and ten children were admitted before the end of the year. It is anticipated that all the available places will be taken up during 1955, either by Norfolk children or by delicate pupils from outside the County.

My predecessor, Dr. T. Ruddock-West, retired at the end of the year after having served the County as School Medical Officer for 26 years. It was his aim, with the support of the Committee, to develop and operate a service that should be first rate in its scope and efficiency, and it is true to say that, as a result of his efforts, this aim has been achieved.

I also acknowledge with grateful thanks the valued co-operation of the Chief Education Officer and head teachers, as well as the work of the professional and clerical staff of this department.

K. F. ALFORD.

Public Health Department,
29, Thorpe Road,
Norwich.

June, 1955.

STAFF OF THE SCHOOL HEALTH SERVICE DURING 1954

Principal School Medical Officer :

T. RUDDOCK-WEST, M.D., B.S., D.P.H. (to 25th December).

K. F. ALFORD, M.B., Ch.B., D.P.H. (from 26th December).

Deputy Principal School Medical Officer :

K. F. ALFORD, M.B., Ch.B., D.P.H. (to 25th December).

Senior Medical Officer :

A. S. CAREY, M.B., Ch.B., D.P.H.

Senior Assistant Medical Officer:

A. E. LORENZEN, M.R.C.S., L.R.C.P., D.P.H.

Assistant School Medical Officers:

*C. T. DARWENT, L.R.C.P., L.R.C.S., L.R.F.P.S., D.P.H. (to 31st July).

ELIZABETH M. ELLIOTT, M.B., B.Ch., B.A.O.

(temporary part-time from 24th May).

*IRENE B. M. GREEN, M.D., B.S., D.P.H.

*A. B. GUILD, M.B., Ch.B., D.P.H., D.I.H., D.T.M. & H.

*J. HAMILTON, M.B., Ch.B., D.P.H., D.T.M. & H.

DORA HAMSHAW, B.Sc., M.R.C.S., L.R.C.P., D.C.H. (to 17th June).

JOAN HANCOCK, M.B., Ch.B. (temporary part-time from 15th July).

M. THELMA HARRISON, M.B., B.S.

(temporary part-time from 17th November).

W. R. CLAYTON HESLOP, M.D., F.R.C.S.E., D.P.H.

(temporary part-time to 19th March).

*G. R. HOLTBY, M.D., B.S., D.P.H., D.I.H.

*W. E. HOLMES, M.A., M.B., B.Ch., B.A.O., D.P.H., D.T.M. & H.

(from 4th March).

VIOLET M. JEWSON, M.A., M.B., Ch.B. (to 14th January).

NORA M. JOHNS, M.B., B.S. (from 1st March—part-time from 1st October).

ROSEMARIE D. LINCOLN, M.B., B.S. (temporary part-time).

*R. N. C. MCCURDY, M.B., Ch.B., D.P.H.

C. MARGARET MCLEOD, M.B., Ch.B. (part-time).

*J. COUTTS MILNE, M.B., Ch.B., D.P.H., D.T.M. & H.

CATHERINE COUTTS MILNE, M.B., Ch.B.

(temporary part-time from 27th September).

*J. H. F. NORBURY, M.B., B.S., D.P.H.

CHRISTINA S. WEBSTER, M.B., Ch.B., D.P.H. (temporary part-time).

F. R. WILSON, M.D., Ch.B. (temporary part-time).

* Also assistant county medical officer and district medical officer of health.

Principal School Dental Officer :

P. MILLICAN, L.D.S., R.C.S. (Eng.)

Dental Officers:

A. J. CAIRNS, L.D.S., R.C.S. (Eng.) (temporary part-time).
SHIRLEY L. FALCONER, L.D.S. (Sheffield) (part-time from 1st February—
whole-time from 1st July).
SADIE S. HOW, L.D.S., R.C.S. (Eng.) (retired 7th January—temporary
part-time from 11th February).
RITA M. HUGHES, B.D.S. (U. L'pool.) (temporary part-time).
A. LONGDEN, L.D.S. (U. Leeds) (to 30th September).
J. W. MCQUISTON, L.D.S. (Q.U. Belf.)
E. C. PACKHAM, L.D.S., R.C.S. (Eng.)
F. W. WALMSLEY, L.D.S., R.C.S. (Edin.)
E. WARD, L.D.S. (V.U. Manc.)

Superintendent Nursing Officer :

MISS A. DAY, S.R.N., S.C.M., H.V.Cert. (from 25th January).

Deputy Superintendent Nursing Officer :

MISS D. E. UNSWORTH, S.R.N., S.C.M., H.V.Cert.

Assistant Nursing Officers :

MISS D. T. N. COLE, S.R.N., S.C.M., H.V.Cert. (to 31st March).
MISS G. A. THOMPSON, S.R.N., S.C.M., H.V.Cert.
MISS M. WEARMOUTH, S.R.N., S.C.M., H.V.Cert. (from 5th May).

Health Visitors/School Nurses:

| | |
|--|---|
| MRS. L. BRADBURY, S.R.N., S.C.M., H.V.Cert. | *MRS. A. M. KNOTT, Sick Children's Nurse. |
| MRS. E. J. BRADFORD, S.R.N., S.C.M., H.V.Cert. | MISS B. LESTER, S.R.N., S.C.M., H.V.Cert. |
| *MRS. P. D. CHADWICK, R.S.C.N. | MISS M. C. LIMMER, S.R.N., Midwifery Part I., H.V.Cert. (from 14th June). |
| MISS H. G. DAVIS, S.R.N., S.C.M., H.V.Cert. (from 18th October). | *MRS. F. B. NEVILLE, S.R.N. |
| MRS. W. A. DUNNELL, S.R.N., S.C.M., H.V.Cert. | MRS. W. M. PETTS, S.R.N. |
| MISS T. D. FULLER, S.R.N., S.C.M., H.V.Cert. | *MRS. M. I. QUAYLE, S.R.N. |
| MRS. I. K. FURMAGE, S.R.N., S.C.M., H.V.Cert. (to 31st January). | *MISS C. SHINGLETON, S.R.N. |
| MRS. B. M. GRAY, S.C.M. | MISS L. B. STEEL, S.R.N., S.C.M., H.V.Cert. |
| *MISS A. E. HOLDEN, R.S.C.N. | MRS. J. ST. C. VERNAN, S.R.N., S.C.M., H.V.Cert. |
| MISS R. C. HOWLETT, S.R.N., S.C.M., H.V.Cert. | *MISS D. VICKERS, S.R.N. |
| | *MRS. O. N. WAINWRIGHT, Sick Children's Nurse. |
| | MRS. E. WITTRED, S.R.N. |

*School nursing duties only.

Speech Therapists:

MISS M. M. DIXON, L.C.S.T.

MISS SUSAN GREEN, L.C.S.T.

(from 4th January to 6th August).

MISS J. RUTT, L.C.S.T.

MISS D. WHITTARD, L.C.S.T., A.L.A.M.

Dental Attendants:

MISS P. BAILEY

MISS B. M. BARRETT

(to 27th March)

MRS. D. E. F. BUSHELL

(part-time from 3rd May).

MRS. J. HARDY.

MISS M. JEX (from 8th February).

MRS. J. A. KNIGHT

MISS A. MORTON

(from 29th March).

MRS. C. E. PAGE.

MISS N. RADFORD.

MISS P. H. A. RAY

(from 5th April).

MRS. H. SMITH

(part-time to 19th March).

MRS. M. B. SWALLOW

(part-time from 27th May).

MISS E. D. TAUNTON

MISS P. J. B. TILLS

(to 30th September).

MRS. J. WARD

(to 30th September—

part-time from 21st October).

MISS R. A. WEBBER

MISS I. WEST.

ANNUAL REPORT

OF THE PRINCIPAL SCHOOL MEDICAL OFFICER

FOR 1954

I. GENERAL STATISTICS.

| | | | | |
|---|-----|-----|-----|-----------------|
| Area of administrative county | ... | ... | ... | 1,302,501 acres |
| Population 1951 census | ... | ... | ... | 375,721 |
| Registrar-General's mid-year estimate of population, 1954 | ... | ... | ... | 376,800 |

Number of schools and number of pupils on the registers as at the 31st December, 1954:—

| | | | Number of schools. | No. of pupils on registers. |
|--------------------------------|-----|-----|-----------------------|--------------------------------|
| Primary | ... | ... | 436 | 41,373 |
| Secondary modern | ... | ... | 21 | 7,727 |
| Secondary grammar | ... | ... | 11 | 3,043 |
| Technical secondary | ... | ... | 1 | 378 |
| Special grammar school courses | | | 1 | 167 |
| Nursery schools | ... | ... | 3 | 120 |
| Special schools | ... | ... | 3 | 134 |
| | | | <hr/> 476 | <hr/> 52,942 |

Average percentage attendance of pupils at
primary and secondary modern schools
for the year ended 31st March, 1955 ... 90%

II. STAFF.

The following table shows the number of officers and the estimated time employed in the school health service as at the 31st December, 1954, compared with the previous year:—

| | 31st December, 1954. | | 31st December, 1953. | |
|-----------------------|----------------------|---|----------------------|---|
| | No. employed | Estimated equivalent in terms of whole-time officers. | No. employed | Estimated equivalent in terms of whole-time officers. |
| Medical staff ... | 20 | 9.94 | 16 | 7.93 |
| Dental officers ... | 9 | 7.08 | 8 | 7.17 |
| Speech therapists ... | 3 | 3.00 | 3 | 3.00 |
| School nurses ... | 25 | 12.90 | 19 | 11.52 |
| Driver attendants ... | 14 | 12.00 | 12 | 10.97 |
| Clerk attendants ... | 15 | 8.10 | 11 | 8.07 |
| Totals ... | 86 | 53.02 | 69 | 48.66 |

The increase (17) in the number of staff employed is due mainly to additional nursing staff who were engaged on school health service work during the year and the employment of additional temporary part-time medical officers and clerk/attendants for medical inspection. As will be seen, however, the total estimated additional staff expressed in terms of whole-time officers is only just over 4.

Changes in the professional staff as given on pages 3—5 were as follows:—

Medical Staff.

(a) Headquarters.

Dr. T. Ruddock-West retired on 25th December after 26 years' service as county medical officer and school medical officer.

(b) Assistant County Medical Officers.

Dr. C. T. Darwent retired on 31st July. He had been employed as assistant county medical officer and district medical officer in Area No. 7 (Downham R.D. and U.D. and Marshland R.D.) since 1st April, 1947. The vacancy had not been filled at the end of the year.

Dr. W. E. Holmes was appointed on 4th March to the vacant post in Area No. 5 (Depwade R.D., Loddon R.D., Diss U.D. and Wymondham U.D.), formerly occupied by Dr. A. E. Brown.

(c) Assistant Medical Officers.

With regard to temporary part-time appointments, Dr. Elizabeth Elliott, Dr. Joan Hancock and Dr. Catherine Coutts Milne were appointed during the year, whilst Dr. Dora Hamshaw and Dr. W. R. Clayton Heslop relinquished their appointments. Dr. Violet Jewson, who was originally appointed as a whole-time assistant medical officer in May, 1944, retired on 14th January, and was replaced by Dr. Nora Johns, who took up duty on 1st March, later being employed as a part-time officer from the beginning of October.

(d) Dental Officers.

Miss Sadie S. How retired on 7th January after over 26 years' service, but has worked on a part-time basis from 11th February.

Mr. A. Longden resigned as from 30th September and the vacancy remained unfilled at the end of the year.

Mrs. Shirley L. Falconer was employed in a part-time capacity from 1st February to 1st July, since when she has been employed whole-time.

III. MEDICAL INSPECTION.

During the year no alteration was made in the number of age-groups of pupils to be inspected, which were as follows:—

| Group | Age when inspected. | Schools concerned. |
|------------------------------------|--|---|
| Entrants | Normally 5—6 years. | Primary |
| Second age group | During the year in which the age of 11 is reached. | Primary |
| Third age group | During the last year of attendance at (a) Primary or secondary modern school (14+) (b) Secondary grammar school (15+). | Primary and secondary modern Secondary grammar |
| Other periodic routine inspections | During the year in which (a) the age of 8 is reached (b) the age of 13 is reached. | Primary Secondary grammar |

Pupils at the residential special school for educationally subnormal children are inspected as soon as possible after admission and thereafter once yearly.

The total number of general medical inspections (21,462) was the highest on record. The number of special examinations (1,406) and re-examinations (10,182), showed increases of 524 and 433 respectively over the corresponding figures for 1953.

| General Medical Inspections. | | |
|--------------------------------|---------------|--------|
| Group | No. Inspected | |
| | 1954 | 1953 |
| Entrants | 6,331 | 5,982 |
| Second age group | 5,403 | 4,734 |
| Third age group ... | 3,863 | 3,360 |
| Other periodic inspections ... | 5,865 | 5,251 |
| TOTALS ... | 21,462 | 19,327 |

School medical inspection is still appreciated by the parents as is evidenced by their co-operation, the attendance at periodic examinations during 1954 being 14,429 or 67%.

FINDINGS OF MEDICAL INSPECTION.

Diseases and Defects (excluding dental and nutritional defects and uncleanliness).

4,018 of the 21,462 pupils undergoing general medical examination were found to be suffering from some defect for which treatment was recommended, the proportion being 18.72%. A total of 4,483 defects is shown in Table IIA on page 29.

The following table gives comparative percentages for the last five years:—

| | | | | |
|------|-----|-----|-----|--------|
| 1950 | ... | ... | ... | 18.72% |
| 1951 | ... | ... | ... | 19.08% |
| 1952 | ... | ... | ... | 18.96% |
| 1953 | ... | ... | ... | 16.59% |
| 1954 | ... | ... | ... | 18.72% |

The increase of 2.13% as compared with the previous year was mainly due to an increasingly large number of children with defects of the eyes, but it should be pointed out that this particular figure includes children who had already been treated for this defect. The total number of defects has correspondingly increased from 3,616 to 4,483. The latest available figure for England and Wales (1953) was 16.41%.

Details of percentages and numbers of pupils in age groups found at general inspections to have defects needing treatment are given below:—

| Group | 1954 | | | 1953 | | |
|--------------------------------|---------------|-----------------------|------------|---------------|-----------------------|------------|
| | No. of pupils | | Percentage | No. of pupils | | Percentage |
| | In-spected | Recommended treatment | | In-spected | Recommended treatment | |
| Entrants | 6,331 | 1,136 | 17.94 | 5,982 | 918 | 15.35 |
| Second age group | 5,403 | 1,006 | 18.62 | 4,734 | 815 | 17.22 |
| Third age group | 3,863 | 760 | 19.67 | 3,360 | 519 | 15.45 |
| Other periodic inspections ... | 5,865 | 1,116 | 19.03 | 5,251 | 954 | 18.17 |
| TOTALS ... | 21,462 | 4,018 | 18.72 | 19,327 | 3,206 | 16.59 |

General Condition.

The classification of children into nutritional categories has always been regarded with reserve, bearing in mind the varying clinical standards adopted by the examining medical officers. There appears, however, to be little doubt that over a period of some years, there has been considerable improvement in their general condition. Milk and meals at schools are important factors in maintaining and improving the health and well being of the children, and these excellent provisions are further supplemented in this county by the distribution of extra nourishment, when specially recommended by the medical officers.

The table below gives statistics as to the general condition of pupils examined at general medical inspections over the last five years:—

| Year. | No. of pupils inspected | A (Good) | | B (Fair) | | C (Poor) | |
|-------|-------------------------|-------------|-------|-------------|-------|-------------|------|
| | | No. | % | No. | % | No. | % |
| 1950 | 18,858 | 7,163 | 37.99 | 10,259 | 54.40 | 1,436 | 7.61 |
| 1951 | 18,898 | 7,738 | 40.95 | 9,965 | 52.73 | 1,195 | 6.32 |
| 1952 | 20,181 | 9,099 | 45.09 | 10,203 | 50.55 | 879 | 4.36 |
| 1953 | 19,327 | 9,306 | 48.15 | 9,253 | 47.88 | 768 | 3.97 |
| 1954 | 21,462 | 11,571 | 53.91 | 9,519 | 44.36 | 372 | 1.73 |

The quantities of various vitamin preparations distributed during the year were:—

| Preparation | Amount issued. | |
|--|----------------|-------|
| | 1954 | 1953 |
| Cod liver oil and malt (16 oz. containers) ... | 5,635 | 6,601 |
| Halibut liver oil (5 c.c. phials) ... | 569 | 220 |
| Cod liver oil (ozs.) ... | 490 | 1,590 |
| Parrish's Food (ozs.) ... | 1,950 | 3,490 |
| Maltoline and Iron (8 oz. containers) ... | 7,171 | 6,852 |
| Virol (8 oz. cartons) ... | 3,151 | 2,865 |
| Vitamin A and D Capsules (packets of 14) ... | 2,146 | 1,506 |
| Vitamin A and D Liquid (8 c.c. phials) ... | 192 | — |
| Bemax (3½ oz. packets) ... | 78 | 48 |
| Vitamin C Tablets ... | 1,100 | 650 |
| Ostocalcium tablets ... | 3,480 | 1,400 |
| Glucodin (16 oz. packets) ... | 489 | 391 |

Provision of Milk and Meals.

I am grateful to the Chief Education Officer for the following information regarding the provision of milk and meals:—

| No. of Pupils in attendance on 6th October, 1954. | Meals | | | Milk | |
|---|------------------|--------------------|-----------------------|--------------------|-----------------------|
| | Free | Paid | % of those attending. | 1/3rd pint free | % of those attending. |
| Primary ... 38,785 | 1,966 | 21,650 | 60.89 | 32,847 | 84.69 |
| Secondary modern and secondary grammar ... 10,088 | 552 | 6,881 | 73.68 | 4,925 | 48.82 |
| Nursery ... 104 | 4 | 100 | 100.00 | 104 | 100.00 |
| Totals 1954 48,977 (1953) (47,350) | 2,522 (2,387) | 28,631 (27,124) | 63.61 (62.24) | 37,876 (36,798) | 77.33 (77.61) |

CLEANLINESS.

School nurses/health visitors continue to carry out periodic surveys at all schools in their areas.

The incidence of pediculosis capitis is comparatively low, although there is a definite recurrence of infestation in some areas. With the exception of one minor ailments clinic, the nurses do not themselves carry out extensive cleansing of heads generally, as parents are given advice and a D.D.T. preparation for application.

Details are given below of this work carried out by the school nurses/health visitors during the period under review.

| | 1954. | 1953. |
|---|---------|---------|
| No. of visits to schools | 3,515 | 3,403 |
| Average number of visits per school | 7.6 | 7.3 |
| No. of examinations conducted ... | 262,946 | 250,676 |
| No. of children found verminous ... | 158 | 403 |
| No. of children treated at minor ailments clinics for verminous conditions | 62 | 46 |

FOLLOWING-UP.

Use is made of the services of the school nurses/health visitors for following up after medical inspection and, where necessary, endeavouring to obtain the consents of any reluctant parents to treatment recommended. As mentioned in previous annual reports, no steps are taken to provide treatment without the full agreement of the family doctor.

Following up contacts of cases of infectious disease is another way in which the school nurses/health visitors are most usefully employed.

IV. TREATMENT OF DEFECTS.

CO-OPERATION WITH HOSPITALS AND GENERAL PRACTITIONERS.

The arrangements made in February, 1952, for notifying general practitioners of the results of medical inspection continued to work satisfactorily.

Some of the hospitals serving the area of the administrative county continued to co-operate with the school health service in forwarding reports on the discharge of school children, thus giving valuable information to the school medical officers.

MINOR AILMENTS CLINICS.

Of the 25 minor ailments clinics, one, situated in King's Lynn, is held daily during term time, 10 are held weekly and 14 are held fortnightly. Although there was a slight increase in the attendances as compared with the previous year, the number has become much less since the advent of the National Health Service Act. Practically every clinic is visited monthly by the assistant county medical officers except at King's Lynn where a weekly visit is paid.

The numbers of cases dealt with for various defects are shown below:—

| Minor ailment, disease or defect of the | Individual cases dealt with at clinics. |
|---|---|
| SKIN. | |
| Ringworm—scalp | 2 |
| Ringworm—body | 9 |
| Scabies | 12 |
| Impetigo | 77 |
| Other skin diseases | 445 |
| EYES | 230 |
| (External and other, but excluding errors of refraction and squint) | |
| EARS | 102 |
| MISCELLANEOUS | 3,387 |
| (e.g. minor injuries, bruises, sores, chilblains, etc.) | |
| Total | 4,264 |

DEFECTIVE VISION.

Arrangements for hospital eye clinics, outlined in previous reports, continued during the year.

1,842 children were referred to eye specialists and 1,200 pairs of spectacles were prescribed.

Orthoptic Treatment.

The following information concerning the attendance of children at the orthoptic clinics has kindly been supplied by the Hospital Management Committees:—

| | Norfolk & Norwich Hospital. | West Norfolk & King's Lynn General Hospital. | Thetford Cottage Hospital. | Total. |
|--|-----------------------------|--|----------------------------|--------|
| Number of children treated by orthoptist ... | 276 | 104 | 37 | 417 |
| Total number of attendances | 795 | 682 | 123 | 1,600 |
| Number discharged as improved or cured ... | 136 | 25 | 2 | 163 |

DEFECTS OF EAR, NOSE AND THROAT.

During the year, 437 children were referred at general medical inspection for treatment for defects of the nose and throat. With the consent of both family doctors and parents, 288 children were examined by the specialists at hospital out-patient clinics with a view to being placed on the waiting list for operative treatment. It is not possible to give accurate figures showing the number of children who actually received operative treatment during the year.

In addition, 95 children were referred from school medical inspection for conditions other than enlarged tonsils or adenoids.

SKIN DISEASES

It will be seen from Table IIA that 231 pupils were referred for treatment for diseases of the skin during 1954.

TUBERCULOSIS

Recommendations from school medical inspections regarding children suspected to be suffering from tuberculosis are dealt with in the usual way, whereby the consent of the family doctor is sought before referring the case to the chest specialists.

During the year, 66 children were so referred, of whom 34 were new cases.

ORTHOPAEDIC TREATMENT.

There has been no change in the arrangements made by which all cases needing orthopaedic treatment were referred to the secretary of the orthopaedic service at the hospital concerned, who was responsible for making the necessary appointments for the children either to see the orthopaedic surgeon or the physiotherapist. Reports of diagnoses and on the progress of the children were received from time to time.

V. DENTAL TREATMENT.

The principal school dental officer reports:—

Although the statistical returns for 1954 indicate a general advance in our dental service, yet it is to be feared that this improvement can only be temporary unless recruitment of professional staff to the service can be accomplished.

During the year one of our dental officers resigned his post in order to take up a more lucrative appointment with an industrial firm. It appears that the minimum pay offered to dental officers in public service does not compare favourably with that offered in private practice or in industry.

The authority now has 24 well equipped clinic centres to which children from neighbouring schools are taken for treatment. Utility brakes are used as the means of transport. A dental centre is situated at Aspland Road, Norwich, and it is here that emergency and special cases from those parts of the county which at present lack a dental service, are inspected and appropriate treatment advised.

It is indeed regrettable that, although admirable clinic accommodation has been provided, yet this cannot be put to full use for lack of staff; and it is significant that this does not apply, apparently, to city and borough clinics where a dentist has no particular transport or housing worries, and can also be assured not only of good but also of easily accessible educational facilities for his children.

With regard to the present staff, we are grateful to Miss How and to Mr. Cairns for offering their services as part-time officers in the north-west and King's Lynn districts; but the fact remains that the south and south-east districts together with the district near Upwell have been without a dental service for some considerable time.

This neglect, however, is not absolute. Arrangements can be made for the dental treatment of children, by request of the parent, through the head teacher or direct to the central office. Parents who are anxious concerning their children's welfare should note this procedure, and everything possible will be done to satisfy their needs.

It will be noticed from the statistics that 11,652 children were found to be dentally fit at the time of inspection and that 11,461 children were completely treated by our staff. Therefore, 23,113 (or 74.7%) children who were inspected were, in fact, dentally fit before the end of 1954. Other activities include the successful treatment of 185 orthodontic cases and the provision of 121 dentures and 61 X-rays.

In the course of my investigation I have discovered that of the approximately 14,000 children inspected in the half year ending 31st December, 1954, 6% have never required dental treatment.

| | Year 1954 | Year 1953 | Year 1952 |
|--|--------------|--------------|--------------|
| 1. Number of pupils inspected by the Authority's dental officers:— | | | |
| (a) At periodic inspections ... | 27,600 | 19,990 | 18,588 |
| (b) As specials ... | 3,337 | 2,791 | 3,102 |
| Total (1) ... | 30,937 | 22,781 | 21,690 |
| 2. Number found to require treatment ... | 19,285 | 13,264 | 12,710 |
| 3. Number offered treatment ... | 19,285 | 13,264 | 12,710 |
| 4. Number actually treated ... | 11,461 | 9,264 | 8,527 |
| 5. Attendances made by pupils for treatment ... | 22,142 | 16,491 | 14,109 |
| 6. Half-days devoted to:— | | | |
| Periodic inspection ... | 359 | 250 | 290 |
| Treatment ... | 3,220 | 2,381 | 1,946 |
| Total (6) ... | 3,579 | 2,631 | 2,236 |
| 7. Fillings:— | | | |
| Permanent teeth ... | 9,798 | 7,824 | 6,690 |
| Temporary teeth ... | 503 | 412 | 438 |
| Total (7) ... | 10,301 | 8,236 | 7,128 |
| 8. Number of teeth filled: — | | | |
| Permanent teeth ... | 8,813 | 6,943 | 5,902 |
| Temporary teeth ... | 482 | 389 | 422 |
| Total (8) ... | 9,295 | 7,332 | 6,324 |
| 9. Extractions:— | | | |
| Permanent teeth ... | 3,470 | 2,000 | 1,745 |
| Temporary teeth ... | 15,188 | 12,738 | 11,762 |
| Total (9) ... | 18,658 | 14,738 | 13,507 |
| 10. Administration of general anæsthetics for extraction ... | 1,137 | 1,112 | 755 |
| 11. Other operations:— | | | |
| Permanent teeth ... | 5,365 | 3,937 | 3,725 |
| Temporary teeth ... | 2,188 | 1,774 | 2,063 |
| Total (11) ... | 7,553 | 5,711 | 5,788 |

VI. HANDICAPPED PUPILS.

It was indicated in the report for 1953 that the School Health Service and Handicapped Pupils Regulations of that year had made several changes as far as ascertainment was concerned. The main effect was the widening of the definition covering epileptic, physically handicapped and delicate children so that pupils who can attend the ordinary school, but who may need special arrangements or facilities to overcome their particular difficulties, can be included in one of these three categories.

The following table shows the number of ascertainments carried out during the year in the various categories, from which it will be noted that there is an increase of 101 as compared with the previous year:—

| | | | | 1954. | 1953. |
|-------------------------|-----|--------|-----|-------|-------|
| Blind | ... | ... | ... | 4 | 3 |
| Partially sighted | ... | ... | ... | 3 | 7 |
| Deaf | ... | ... | ... | 5 | 5 |
| Partially deaf | ... | ... | ... | 7 | 10 |
| Delicate | ... | ... | ... | 19 | 15 |
| Educationally subnormal | ... | ... | ... | 105 | 109 |
| Epileptic | ... | ... | ... | 9 | 2 |
| Maladjusted | ... | ... | ... | 23 | 28 |
| Physically handicapped | ... | ... | ... | 47 | 31 |
| Defective speech | ... | ... | ... | 214 | 137 |
| Multiple defects | ... | ... | ... | 30 | 18 |
| | | | | <hr/> | <hr/> |
| | | Totals | ... | 466 | 365 |
| | | | | <hr/> | <hr/> |

At the end of the year 10 members of the medical staff were approved under the School Health Service and Handicapped Pupils Regulations, 1953, for the ascertainment of educationally subnormal pupils. One medical officer attended a course held in London in October but was not approved until February, 1955.

SPECIAL EDUCATIONAL TREATMENT.

The following table indicates the number of handicapped pupils in all categories who were on the register at the end of the year:—

| Categories. | In res. day or hospital spec. schools (incl. hostels). | | In maintained schools. | | In independent schools. | | Not at school. | | Totals. | | 1954 grand totals. | 1953 grand totals. |
|------------------------|--|-----------|------------------------|------------|-------------------------|----------|----------------|-----------|-------------|------------|--------------------|--------------------|
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | | |
| Blind ... | 1 | 1 | 1 | — | — | — | 4 | 2 | 6 | 3 | 9 | 5 |
| Partially sighted ... | 5 | 4 | 8 | 7 | — | — | 1 | — | 14 | 11 | 25 | 23 |
| Deaf ... | 17 | 17 | 2 | 1 | — | — | 5 | 1 | 24 | 19 | 43 | 41 |
| Partially deaf ... | 3 | 7 | 16 | 12 | — | 1 | — | 1 | 19 | 21 | 40 | 33 |
| Delicate ... | 10 | 4 | 44 | 31 | 2 | 1 | 1 | — | 57 | 36 | 93 | 87 |
| E.S.N. ... | 38 | 28 | 412 | 163 | — | — | — | 3 | 450 | 194 | 644 | 702 |
| Epileptic ... | 4 | 2 | 4 | 6 | — | — | — | 1 | 8 | 9 | 17 | 11 |
| Maladjusted | 27 | 6 | 15 | 12 | — | 1 | 3 | — | 45 | 19 | 64 | 64 |
| Physically handicapped | 20 | 12 | 39 | 48 | 2 | — | 16 | 10 | 77 | 70 | 147 | 102 |
| Speech defects | 1 | — | 345 | 167 | 3 | 1 | 8 | 3 | 357 | 171 | 528 | 401 |
| Multiple defects ... | 39 | 12 | 89 | 31 | — | — | 5 | 7 | 133 | 50 | 183 | 186 |
| Totals 1954 | 163 | 93 | 975 | 478 | 7 | 4 | 45 | 28 | 1190 | 603 | 1793 | — |
| Totals 1953 | 133 | 92 | 938 | 400 | 8 | 4 | 45 | 35 | 1124 | 531 | — | 1655 |

As in previous years, those ascertained as educationally subnormal formed the largest group of handicapped pupils and there were still over 200 recommended special educational treatment who were not accommodated at special schools. With regard to other categories awaiting placement, there was no change in the position, but it is hoped that in the future an additional special school will be provided, which will go a long way towards solving the problem.

The opening of a residential special school for delicate children at Eden Hall, Bacton, met a long-standing need in this county. Children with other defects are admitted to residential special schools in other parts of the country.

There are two hospital schools convenient for Norfolk children, viz., Melton Lodge Orthopaedic Hospital and the Children's Sanatorium, Holt. Special educational treatment is provided by the Great Yarmouth and Norfolk Education Committees respectively and at the end of the year there were 17 Norfolk children in Melton Lodge and 8 at the Children's Sanatorium.

Where it is very difficult to place a handicapped child (especially one with multiple defects) in a suitable residential special school, home tuition can be provided and, during the year, 29 pupils were receiving education from a home teacher.

The East Anglian School at Gorleston-on-Sea is administered by a Committee appointed by 7 local education authorities and at present accommodates blind, partially sighted, deaf and partially deaf children. On the 31st December, 49 Norfolk children were resident.

(a) Sidestrand Hall.

This residential special school has been open for over four years and has accommodation for 88 educationally subnormal children between the ages of 7 and 16. Periodic medical inspections of all pupils are carried out by members of the senior medical staff and the statistics are given separately in Tables IA, IC and IIB. In addition, the senior medical officer and the educational psychologist constantly review borderline and other cases to determine whether satisfactory progress is being made.

In common with other maintained schools, the dental surgeon inspects the teeth of all pupils with a view to any necessary treatment being arranged at the nearest dental clinic.

(b) Eden Hall, Bacton.

This residential special school, situated at Bacton-on-Sea, was opened for the reception of delicate children at the beginning of November. Provision is made for children between the ages of 7 and 11, suffering from certain types of handicap which come within the delicate category. The average period of stay at this school is likely to be between 6 months and 1 year. It is not intended to accommodate children requiring only 3 or 4 weeks' convalescence.

It is hoped ultimately that the special school will have accommodation for over 50 pupils. At the end of the year there were 10 Norfolk children resident.

(c) Colne Cottage Hostel, Cromer.

This hostel, opened in September, 1949, for the accommodation of 16 boys under 11 and 8 girls, continued to be used for those maladjusted children recommended by the psychiatrist and, at the end of the year, there were 19 Norfolk children resident and 4 sent by other authorities. The average length of stay at this hostel was 16 months.

(d) Morley Hall Hostel.

Accommodation for a maximum of 34 senior maladjusted boys has been provided at this hostel since September, 1952. At the end of the year, there were 21 Norfolk children and 10 sent by other authorities resident, the average period of stay being 18 months.

Both hostels are visited at monthly intervals by the Consultant Psychiatrist, Senior Medical Officer, Educational Psychologist and Social Worker.

HOME TUITION.

Of the 29 pupils receiving home tuition during the year, 23 were still being visited by home teachers on 31st December. This form of education is normally only provided where it has been impossible to obtain a vacancy at an appropriate residential special school, but these figures include 5 children who were visited by a home teacher as an interim measure pending admission to a special school. Help given in this direction, particularly in cases where the child is severely handicapped and completely unable to respond to any other form of education or attend any type of school, is very much appreciated by the parents.

CHILD GUIDANCE CENTRES.

The continued expansion of the child guidance service is illustrated in the statistics shown below.

Although no new centres have been established during the year, there was an increase in the number of sessions at the 4 existing centres. The growing value of this comparatively new service is seen by the larger proportion of cases (46%) referred by hospital specialists and general practitioners, than in previous years. There was an increased total number of new cases seen amounting to 35% more than the previous year. These figures, however, give little indication of the work carried out by the educational psychologist in the preliminary testing of children and of the many educational problems in which his advice has been sought, or of the work of home visiting undertaken by the social worker.

Staff

There was no change during the year in the constitution of the psychiatric team which consisted of Dr. J. V. Morris and Dr. R. C. MacGillivray, consultant psychiatrists to the Regional Hospital Board, Mr. R. A. Thomson, educational psychologist, Dr. A. S. Carey, senior medical officer, and Miss C. M. Meyer, social worker.

Organisation of Centres

The 4 centres were held at Norwich, King's Lynn, Cromer and Swaffham. At Norwich a clinic was held weekly and at King's Lynn fortnightly, whilst at Cromer and Swaffham 1 session a month was held.

In addition to new cases, a proportion of old ones were called up at intervals in order that their progress might be reviewed and, if necessary, further recommendations made.

The main sources of reference during the year were:—

| | |
|---|-----|
| General medical practitioners and hospital specialists ... | 47% |
| Staff of the school health service ... | 23% |
| Chief Education Officer and his staff (including head teachers) ... | 20% |

A list of the reasons for referral is shown on page 19. Behaviour and emotional difficulties formed the greatest proportion, viz., 60%.

Results following Diagnosis and Treatment

An analysis of the results of treatment of the 154 new cases is also shown on page 19. Approximately 20% of all the cases seen during the year were cured or greatly improved, whilst 42% were still under treatment as on 31st December. 10% were recommended for treatment in a hostel for mal-adjusted children. All these percentage figures were lower than those for the previous year.

| No. of centres held | No. of new cases seen | No. of examinations carried out | Total individual pupils seen |
|---------------------|-----------------------|---------------------------------|------------------------------|
| 93 (79) | 154 (114) | 337 (272) | 226 (200) |

(Comparable figures for 1953 are shown in brackets).

The number of examinations carried out at each of the centres during the year is shown in the following table:—

| | Norwich | King's Lynn | Cromer | Swaffham | Great Yarmouth | Total |
|---|---------|-------------|--------|----------|----------------|-------|
| (a) No. of sessions during year ... | 49 | 25 | 11 | 8 | — | 93 |
| (b) No. of examinations during year ... | 162 | 99 | 46 | 18 | 12 | 337 |

ANALYSIS OF NEW CASES REFERRED.

Sources of reference :—

| | | | | | |
|--|-----|-----|-----|-----|-----------------|
| School medical staff | ... | ... | ... | ... | 36 |
| Chief Education Officer and staff (including head teachers of schools) | ... | ... | ... | ... | 32 |
| General medical practitioners | ... | ... | ... | ... | 54 |
| Hospital specialists | ... | ... | ... | ... | 18 |
| Probation Officers | ... | ... | ... | ... | 7 |
| Children's Officer | ... | ... | ... | ... | 2 |
| Parents | ... | ... | ... | ... | 5 |
| | | | | | <hr/> 154 <hr/> |

Reason for reference :—

| | | | | | |
|---|-----|-----|-----|-----|-----------------|
| Behaviour difficulties | ... | ... | ... | ... | 45 |
| Emotional difficulties | ... | ... | ... | ... | 48 |
| Incontinence of urine or faeces | ... | ... | ... | ... | 23 |
| Educational difficulties caused by psychological disturbances | ... | ... | ... | ... | 23 |
| Epilepsy | ... | ... | ... | ... | 3 |
| Advice as to mental deficiency | ... | ... | ... | ... | 12 |
| | | | | | <hr/> 154 <hr/> |

Disposal of cases (including cases from previous years) :—

| | | | | |
|---|-----|-----|-----------|------------|
| Discharged as adjusted or greatly improved | ... | ... | 63 | (32) |
| Recommended for admission to residential school for educationally subnormal children (Sidestrand Hall) | ... | ... | 6 | (3) |
| Recommended for action under Section 57(3) or 57(5) of the Education Act, 1944 | ... | ... | 3 | (1) |
| Taken into care by Children's Officer | ... | ... | 2 | (1) |
| Recommended for admission to Epileptic Colony | ... | ... | 2 | (—) |
| Recommended for admission to Special School for Delicate Children | ... | ... | 1 | (—) |
| Moved from area | ... | ... | 4 | (—) |
| Unco-operative | ... | ... | 4 | (—) |
| Recommended for admission to hostels for maladjusted children (Colne Cottage, Cromer, and Morley Hall, Wymondham) | ... | ... | 23 | (7) |
| Advice given, no recall necessary | ... | ... | 25 | (—) |
| Still under treatment | ... | ... | 93 | (29) |
| | | | <hr/> 226 | <hr/> (73) |

The figures in brackets indicate children who originally attended in previous years.

SPEECH THERAPY.

An additional speech therapist took up her duty at the beginning of the year and, until her resignation in August, we had the services of 4 speech therapists and were able to open 6 additional clinics.

During the year the total number of sessions at these 30 clinics was 1,315. The number of children still under treatment at the end of the year was 389, an increase of 53 as compared with the previous year.

With the appointment of Miss Green, additional clinics were opened at New Costessey, Dersingham, Harleston, Methwold, Sheringham and Upwell. Unfortunately, since Miss Green's resignation, most of these have had to be closed as no successor had been appointed by the end of the year.

During the year, arrangements were made with the Regional Hospital Board for the services of Miss Rutt to be available for the treatment of children at the Jenny Lind Hospital and adults at the Norfolk and Norwich Hospital. In addition, as from the beginning of April, the speech therapist attended Consultants' clinics at the Jenny Lind Hospital once a month.

The analysis of cases treated during the year shows that, as previously, the majority of children were under treatment for dyslalia.

PUPILS SUFFERING FROM DISABILITY OF THE MIND.

| | Male. | Female. | Totals. |
|---|-------|---------|---------|
| No. of children found incapable of receiving education in school (Section 57(3) Education Act, 1944) | 20 | 11 | 31 |
| No. of children found to require supervision on leaving school (Section 57(5) Education Act, 1944) | 31 | 15 | 46 |
| Totals | 51 | 26 | 77 |

In 9 cases the parents exercised their statutory right to appeal to the Minister of Education against a decision to notify their children in accordance with Section 57(3) of the Education Act, 1944. In 7 cases the parents were unsuccessful and the remaining 2 were still under consideration at the end of the year.

HEART CLINICS.

There was no change in the arrangements made by the Regional Hospital Board for a consultant to hold a special heart clinic for Norfolk school children at the Jenny Lind Hospital.

Children found to have any abnormal condition of the heart were referred by the medical staff to the consultant and any recommendation made by him was communicated to the parent and head teacher of the school so that any restrictions on activities, or modification of the curriculum, could be borne in mind.

| | |
|------------------------------------|-----|
| Number of clinics held | 41 |
| Number of examinations made | 162 |
| Number of new cases | 24 |

VII. INFECTIOUS DISEASES.

The assistant county medical officers are responsible for the control of infectious diseases in schools in their respective areas. Broad lines of policy are laid down for administration throughout the county but some latitude is allowed with regard to periods of exclusion so that individual medical officers may make minor variations to suit special circumstances, or to meet the wishes of the family doctors.

The following table is a summary of school closures during the year:—

| Name of disease | No. of closures | | No. of school days closed | |
|------------------------------------|-----------------|------|---------------------------|------|
| | 1954 | 1953 | 1954 | 1953 |
| Scarlet fever | 1 | — | 4 | — |
| Measles | 2 | 2 | 9 | 18 |
| Influenzal coughs and colds | 28 | 16 | 85 | 69½ |
| Dysentery | 2 | — | 6 | — |
| TOTALS | 33 | 18 | 104 | 87½ |

Arrangements for swabbing of scarlet fever contacts remain the same, this being usually carried out by health visitors/school nurses at the request of the assistant county medical officers or general practitioners.

VIII. DIPHTHERIA IMMUNISATION.

It is again pleasing to be able to report that no case of diphtheria occurred during the year amongst school children. The present almost complete elimination of this formerly prevalent, serious, and often fatal disease, is due to the effects of the vigorous campaign carried out during the past decade to persuade parents to have their children protected by primary immunisation, and re-inforcing injections at four to five yearly intervals afterwards. However, the absence of cases leads to complacency amongst parents and all concerned are earnestly requested to redouble their efforts to persuade parents to consent to the protection of their children and the necessary re-inforcing injections at the appropriate times in their school lives.

During 1954, 1,390 school children were given primary immunisation injections and a further 7,761 were given re-inforcing injections. 30,532 children or 53% of the estimated number in the county between the ages of 5 and 14 were fully protected at the end of the year. A further 14,980 (17.4%) had been immunised prior to 1950, but cannot be regarded as fully protected as they have not received the necessary booster injection, and 12,088 had not been given any protection whatsoever. The fact that almost one half of the school population is completely or partially unprotected can hardly be regarded as satisfactory.

IX. B.C.G. VACCINATION.

The Health and Education Committees decided during the year to extend B.C.G. vaccination facilities to school leavers in accordance with Ministry of Health Circular 22/53, and Ministry approval of the Council's amended proposals under Section 28 of the National Health Service Act, 1946, was received in November, 1954. In the initial stages, it is the intention to offer facilities to school leavers only in the main County schools serving a ten mile radius from Norwich, in the main East Dereham schools and the surrounding Mitford and Launditch district, and in the King's Lynn schools.

190 children were given B.C.G. vaccination through this scheme during the year, while a further 106 children, contacts of cases of tuberculosis, were also vaccinated.

X. SANITARY SURVEY OF SCHOOLS.

Water Supplies.

At 28 schools visits were made and samples obtained as necessary from the existing well and bore supplies, whilst at 48 schools negotiations have been in progress concerning the provision of mains water.

Drainage, Sewerage and Sewage Disposal.

Some 26 schools have been the subject of visits and negotiations concerning the provision of suitable sanitary arrangements to include drainage and satisfactory methods of disposal. In some cases, it has been possible to co-operate with the local authorities for the use of their sewage disposal works.

General.

Nuisances arising from such causes as rats, pigs, refuse disposal, etc., have been dealt with at some 17 schools and at 5 schools investigations were made into complaints of lighting, heating and ventilation, and recommendations sent to the Chief Education Officer as necessary.

XI. SCHOOLS MEALS SERVICE.

School Canteens.

From time to time during the year, food in use at school canteens has been examined and, in some instances, found to be unfit for human consumption. The items found to be unfit are shown in the following table:—

| | lbs. |
|---------------------------|------|
| Coconut | 6½ |
| Currants | 6 |
| Dried Milk | 769½ |
| Macaroni | 4 |
| Prunes | 3 |
| Self Raising Flour | 83 |
| Semolina | 10¾ |
| Split Peas | 2 |
| Sultanas | 9 |

One of the main causes of the deterioration of foodstuffs has again been dampness due to inadequate or unsatisfactory storage conditions. Improvements in this respect cannot be put into effect until more urgent educational requirements have been met. The Chief Education Officer is, however, fully aware of the position and, in an endeavour to avoid the condemnation of large quantities of dried milk, arrangements were made to obtain such supplies in 21 lb. bags instead of 1 cwt. containers, thereby reducing the quantity liable to deteriorate once the container has been opened.

Milk in Schools Scheme.

Regular sampling of school milk supplies continued throughout the year in the same manner as shown in the previous report.

The results of samples taken are shown in the following table:—

| Test | No. of examinations. | Satisfactory. | Unsatisfactory. | Void. |
|----------------------------------|----------------------|---------------|-----------------|----------|
| Methylene blue (raw milk) ... | 130 | 92 | 36 | 2 |
| Methylene blue (pasteurised) ... | 335 | 301 | 11 | 23 |
| Phosphatase (pasteurised) ... | 340 | 330 | 10 | — |
| | <hr/> 805 | <hr/> 723 | <hr/> 57 | <hr/> 25 |

The number of schools with a bottled pasteurised supply has increased since last year, and the position is shown in the following table. The hopes expressed in last year's report that all bulk supplies to schools might be dispensed with have not fully materialised, although only 3 suppliers are now involved.

| Type of Supply. | No. of Schools. |
|---------------------------------|-----------------|
| Pasteurised (bottled) ... | 432 |
| Tuberculin tested (bottled) ... | 37 |
| Tuberculin tested (bulk) ... | 7 |
| | <hr/> 476 |

As from 1st October, 1954, local education authorities became responsible for all arrangements in relation to the provision of milk in schools with the closing down of Area Milk Offices. Milk supplies will now be on an annual contract basis and this should give an opportunity for a much greater control over the standard of milk supplies.

XII. REMAND HOMES.

Medical examinations have been carried out at the Remand Home at Bramerton whenever required, i.e., usually on admission or discharge. Full co-operation is maintained with the Children's Officer as previously.

There has been no outbreak of infectious disease during the year under review.

The services of the consultant psychiatrist have again been utilised when necessary and 46 detailed reports following these examinations were issued for the guidance of magistrates and others.

XIII. CHILDREN'S HOMES.

The usual medical supervision of children in the Children's Homes has been followed during the year. Assistant county medical officers pay regular visits with regard to the hygienic condition of the premises, as well as the examination of children on admission or discharge. In addition, a local general practitioner is called in for cases of sickness.

Facilities for dental inspection and treatment are available, the children often being dealt with at the nearest clinic.

XIV. NATIONAL SURVEY OF THE HEALTH AND DEVELOPMENT OF CHILDREN.

As mentioned in the last report, the Joint Committee conducting this survey decided to limit the visits paid by school nurses/health visitors to one per annum for each child. These visits were paid in the autumn term and the necessary details were forwarded on the forms provided.

XV. MISCELLANEOUS.

School Leavers—Medical Reports.

School leavers suffering from any disability are examined by members of the medical staff and special certificates embodying recommendations as to suitable employment are completed and forwarded to the Youth Employment Officer.

Transport of Children to and from School.

The medical staff are also called upon to arrange for examination and report in cases where the question of the provision of transport has arisen. 152 such cases were dealt with during the year.

Holiday Camps for Diabetic and Epileptic Children.

During 1954, the Diabetic Association, in conjunction with several local authorities, again arranged for camps for diabetic children. Two children from Norfolk went to the camp at Barrow, Whalley, Cheshire. In addition, two Norfolk children suffering from epilepsy, attended the camp arranged for two weeks in August by the British Epilepsy Association at Evenley Hall, Brackley, Northants. The Committee accepted financial responsibility for the maintenance and travelling expenses of these children at the camps.

SCHOOL HEALTH SERVICE

LIST OF CLINICS

| Name and address of clinic | Type of treatment provided | Frequency of session |
|---|---|--|
| ACLE. | | |
| Methodist Chapel ... | Speech therapy. | One session weekly. |
| AYLSHAM. | | |
| Ian Sears Clinic. ... | Dental. Minor ailments. Speech therapy. | Four sessions weekly. Two sessions monthly. One session weekly. |
| OLD BUCKENHAM. | | |
| C.P. School ... | Dental. Minor ailments. Speech therapy. | When specially arranged. One session weekly. One session weekly. |
| COSTESSEY. | | |
| C.P. School ... | Dental. Minor ailments. Speech therapy (from April). | When specially arranged. Two sessions monthly. One session weekly. |
| CROMER. | | |
| Local Health Office, Norwich Road ... | Child Guidance. Dental. Minor ailments. Speech therapy (to July). | One session monthly. Two sessions weekly. Two sessions monthly. One session weekly. |
| EAST DEREHAM. | | |
| Secondary Modern School Crown Road ... | Dental. Minor ailments. Speech therapy. | Four sessions weekly. One session weekly. One session weekly. |
| DERSINGHAM. | | |
| Secondary Modern School | Speech therapy (January to July) | One session weekly. |
| DISS. | | |
| C.P. School, Victoria Road ... | Dental (to September). Minor ailments. Speech therapy. | Six sessions weekly. One session weekly. One session weekly. |
| DOWNHAM MARKET. | | |
| Local Health Office, The Howdale ... | Dental. Minor ailments. Speech therapy. | Four sessions weekly. Two sessions monthly. One session weekly. |

| Name and address of clinic | Type of treatment provided | Frequency of session |
|--|--|--|
| FAKENHAM. | | |
| Secondary Modern School | Dental. Minor ailments. Speech therapy (to July). | Seven sessions weekly. Two sessions monthly. One session weekly. |
| HARLESTON. | | |
| King George Hall ... | Speech therapy. | One session weekly. |
| HEACHAM. | | |
| Jubilee Institute ... | Dental. Speech therapy (to July). | Four sessions weekly. One session weekly. |
| HELLESDON. | | |
| Secondary Modern School, Middleton's Lane ... | Dental. Minor ailments. | Four sessions weekly. Two sessions monthly. |
| NEW HUNSTANTON. | | |
| C.P. School ... | Minor ailments. | Two sessions monthly. |
| KING'S LYNN. | | |
| Local Health Office, 15, Nelson Street ... | Child Guidance. Dental. Minor ailments. Speech therapy. | Two sessions monthly. Seven sessions weekly. One session daily. Four sessions weekly. |
| LITCHAM. | | |
| C.P. School ... | Minor ailments. Speech therapy. | Two sessions monthly. One session weekly. |
| LODDON. | | |
| Secondary Modern School | Dental (to September). Minor ailments. Speech therapy. | Four sessions weekly. Two sessions monthly. One session weekly. |
| MELTON CONSTABLE. | | |
| Railway Institute ... | Speech therapy (to July). | One session weekly. |
| METHWOLD. | | |
| Ex-Servicemen's Club | Speech therapy (from February). | One session weekly. |
| NORWICH. | | |
| Local Health Office Aspland Road, | Child Guidance. Dental. Speech therapy. | One session weekly. Five sessions weekly by special arrangement. Three sessions weekly. |
| SHERINGHAM. | | |
| C. P. School ... | Dental. Minor ailments. Speech therapy (January to July). | Two sessions weekly. Two sessions monthly. One session weekly. |

| Name and address of clinic | Type of treatment provided | Frequency of session |
|---|--|---|
| SPROWSTON. | | |
| Secondary Modern School | Dental. Minor ailments. | Two sessions weekly. Two sessions monthly. |
| STALHAM. | | |
| Secondary Modern School | Dental. Minor ailments. Speech therapy. | Two sessions weekly. Two sessions monthly. One session weekly. |
| SWAFFHAM. | | |
| St. John House ... | Dental. Child Guidance. Minor ailments. Speech therapy. | Five sessions weekly. One session monthly. One session weekly. One session weekly. |
| TERRINGTON ST. CLEMENT. | | |
| C. P. Junior School ... | Dental. Minor ailments. Speech therapy. | Four sessions weekly. One session weekly. One session weekly. |
| THETFORD. | | |
| Local Health Office, Tanner Street ... | Dental. Minor ailments. Speech therapy. | Two sessions weekly. One session weekly. One session weekly. |
| THORPE. | | |
| C.P. School, Hillside Avenue ... | Dental. Minor ailments. Speech therapy. | Two sessions weekly. One session weekly. One session weekly. |
| UPWELL. | | |
| Secondary Modern School | Minor ailments. Speech therapy. | Two sessions monthly. One session weekly. |
| NORTH WALSHAM. | | |
| Secondary Modern School | Dental. Minor ailments. Speech therapy (to July). | Four sessions weekly. One session weekly. One session weekly. |
| WATTON. | | |
| County Secondary School | Dental. Minor ailments. Speech therapy. | Four sessions weekly. Two sessions monthly. One session weekly. |
| WELLS-NEXT-SEA. | | |
| C.P. School ... | Minor ailments. | One session weekly. |
| Friends' Meeting House | Speech therapy (to July). | One session weekly. |
| WYMONDHAM. | | |
| C.P. School ... | Minor ailments. Speech therapy. | One session weekly. One session weekly. |
| Secondary Modern School ... | Dental. Minor ailments. | Six sessions weekly. One session weekly. |

MEDICAL INSPECTION RETURNS

YEAR ENDED 31st DECEMBER, 1954

TABLE I.

MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED PRIMARY AND SECONDARY SCHOOLS (INCLUDING SPECIAL SCHOOLS).

A.—Periodic Medical Inspections.

Age groups inspected and number of children examined in each:—

| | | | | |
|--|-----|-----|-----|--------|
| Entrants (5+) | ... | ... | ... | 6,331 |
| Second age group (10+) | ... | ... | ... | 5,403 |
| Third age group (14+) | ... | ... | ... | 3,863 |
| Additional age group (8+) and Grammar School pupils (13½) | ... | ... | ... | 5,776 |
| TOTAL | ... | ... | ... | 21,373 |
| Additional periodic inspections (Special School) | ... | ... | ... | 89 |
| GRAND TOTAL | ... | ... | ... | 21,462 |

B.—Other Inspections.

| | | | | |
|-------------------------------|-----|-----|-----|--------|
| Number of special inspections | ... | ... | ... | 1,406 |
| Number of re-inspections | ... | ... | ... | 10,182 |
| TOTAL | ... | ... | ... | 11,588 |

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).

| Age groups inspected (1) | For defective vision (excluding squint) (2) | For any of the other conditions recorded in Table IIA (3) | Total individual pupils (4) |
|--|---|--|--------------------------------------|
| Entrants ... | 175 | 1,075 | 1,136 |
| Second age group ... | 414 | 697 | 1,006 |
| Third age group ... | 408 | 416 | 760 |
| Additional age group ... | 420 | 744 | 1,066 |
| Totals ... | 1,417 | 2,932 | 3,968 |
| Additional periodic inspections ... | 8 | 48 | 50 |
| Grand Totals ... | 1,425 | 2,980 | 4,018 |

TABLE II.

A.—Return of Defects found by Medical Inspection in the Year ended 31st December, 1954.

| Defect Code No. | Defect or Disease (1) | PERIODIC INSPECTIONS | | SPECIAL INSPECTIONS | |
|-----------------|------------------------------|----------------------------|---|----------------------------|---|
| | | No. of defects | | No. of defects | |
| | | Requiring treatment (2) | Requiring to be kept under observation but not requiring treatment (3) | Requiring treatment (4) | Requiring to be kept under observation but not requiring treatment (5) |
| 4 | Skin ... | 231 | 495 | 42 | 32 |
| 5 | Eyes— | | | | |
| | (a) Vision ... | 1,425 | 607 | 208 | 35 |
| | (b) Squint ... | 262 | 132 | 23 | 12 |
| | (c) Other ... | 90 | 222 | 21 | 38 |
| 6 | Ears— | | | | |
| | (a) Hearing ... | 71 | 152 | 21 | 15 |
| | (b) Otitis Media ... | 63 | 210 | 8 | 21 |
| | (c) Other ... | 25 | 149 | 4 | 11 |
| 7 | Nose or Throat ... | 437 | 2,302 | 122 | 125 |
| 8 | Speech ... | 166 | 282 | 37 | 22 |
| 9 | Cervical Glands ... | 29 | 839 | 15 | 44 |
| 10 | Heart and Circulation ... | 60 | 177 | 3 | 10 |
| 11 | Lungs ... | 140 | 565 | 33 | 44 |
| 12 | Developmental— | | | | |
| | (a) Hernia ... | 34 | 78 | 3 | 5 |
| | (b) Other ... | 67 | 476 | 10 | 16 |
| 13 | Orthopædic— | | | | |
| | (a) Posture ... | 101 | 279 | 18 | 11 |
| | (b) Flat Foot ... | 229 | 237 | 15 | 6 |
| | (c) Other ... | 724 | 1,442 | 71 | 55 |
| 14 | Nervous System— | | | | |
| | (a) Epilepsy ... | 21 | 38 | 3 | 2 |
| | (b) Other ... | 28 | 143 | 6 | 11 |
| 15 | Psychological— | | | | |
| | (a) Development ... | 97 | 264 | 46 | 27 |
| | (b) Stability ... | 49 | 404 | 19 | 31 |
| 16 | Other ... | 134 | 489 | 38 | 80 |
| TOTALS ... | | 4,483 | 9,982 | 766 | 653 |

B.—Classification of the general condition of Pupils inspected during the year in the Age Groups.

| Age Groups inspected | No. of pupils inspected | A (Good) | | B (Fair) | | C (Poor) | |
|-------------------------------------|-------------------------|----------|-------------|----------|-------------|----------|-------------|
| | | No. | % of Col. 2 | No. | % of Col. 2 | No. | % of Col. 2 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| Entrants ... | 6,331 | 3,007 | 47.50 | 3,187 | 50.34 | 137 | 2.16 |
| Second age group | 5,403 | 2,954 | 54.67 | 2,355 | 43.59 | 94 | 1.74 |
| Third age group | 3,863 | 2,323 | 60.13 | 1,496 | 38.73 | 44 | 1.14 |
| Additional age group ... | 5,776 | 3,225 | 55.83 | 2,454 | 42.49 | 97 | 1.68 |
| Additional periodic inspections ... | 89 | 62 | 69.66 | 27 | 30.34 | — | — |
| Totals ... | 21,462 | 11,571 | 53.91 | 9,519 | 44.36 | 372 | 1.73 |

TABLE III.
INFESTATION WITH VERMIN.

| | |
|--|---------|
| (i) Total number of examinations in the schools by the school nurses or other authorised persons ... | 262,946 |
| (ii) Total number of individual pupils found to be infested ... | 158 |
| (iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944) ... | — |
| (iv) 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 (INCLUDING SPECIAL SCHOOLS).

Group I.—Diseases of the Skin (excluding uncleanness, for which see Table III).

| | | | | Number of cases treated or under treatment during the year. | |
|-------------------------|-----|-----|-----|---|------------|
| | | | | By the authority. | Otherwise. |
| Ringworm— (i) Scalp ... | ... | ... | 2 | † | † |
| (ii) Body ... | ... | ... | 9 | † | † |
| Scabies ... | ... | ... | 12 | † | † |
| Impetigo ... | ... | ... | 77 | † | † |
| Other skin diseases ... | ... | ... | 445 | † | † |
| Total ... | ... | ... | 545 | † | † |

† Figures not available.

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 | 230 | † |
| Errors of refraction (including squint) | — | 1,842 |
| Total | 230 | 1,842 |
| Number of pupils for whom spectacles were:— | | |
| (a) Prescribed | — | 1,200 |
| (b) Obtained | † | † |

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 | — | † |
| (b) for adenoids and chronic tonsillitis | — | † |
| (c) for other nose and throat conditions | — | † |
| Received other forms of treatment ... | 102 | † |
| Total | 102 | † |

Group 4.—Orthopædic and Postural Defects.

| (a) Number treated as in-patients in hospitals. | † | |
|--|-------------------|------------|
| | By the authority. | Otherwise. |
| (b) Number treated otherwise, e.g., in clinics or out-patient departments | † | † |

† Figures not available.

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 | 222 | *4 |

* At Great Yarmouth C.B.C. child guidance clinic.

Group 6.—Speech Therapy.

| | Number of cases treated. | |
|--|--------------------------|------------|
| | By the authority. | Otherwise. |
| Number of pupils treated by speech therapists | 489 | — |

Group 7.—Other Treatment Given.

| | Number of cases treated. | |
|--------------------------------------|--------------------------|------------|
| | By the authority. | Otherwise. |
| (a) Miscellaneous minor ailments ... | 3,387 | † |
| (b) Other | — | † |
| Total | 3,387 | † |

† Figures not available.



