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Contributors

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Carmarthenshire County Council

EDUCATION COMMITTEE

Annual Report

OF THE

PRINCIPAL

SCHOOL MEDICAL OFFICER

for the Year ended 31st December, 1959

LLANELLY :

Printed by the "Llanelly Mercury" Printing Co., Ltd.

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ILLUSTRATED

by the School Medical Officer and the Principal

CARMARTHENSHIRE COUNTY COUNCIL**EDUCATION COMMITTEE****ANNUAL REPORT OF THE PRINCIPAL SCHOOL MEDICAL OFFICER FOR THE YEAR ENDED 31st DECEMBER, 1959**

I have pleasure in submitting, for your consideration, my report on the School Health Service for the year 1959.

The general physical standard of school children continues to be satisfactory but the posture of many of the children remains unsatisfactory. Round shoulders and a slouching gait are too commonplace to be ignored and greater effort is needed to prevent disability arising from postural defects in school children.

Medical inspection, in accordance with the requirements of the Ministry of Education, was completed during the year in spite of the large amount of vaccination against poliomyelitis which had to be undertaken. Response to the offer of vaccination was good and 15,335 persons, most of whom were children, received their third injection. Further particulars are given in the body of the report. For the second year in succession, there was no case of acute poliomyelitis in the County. It is reasonable to assume that vaccination was responsible to some extent.

There was comparative freedom from infectious diseases but there was one small outbreak of food poisoning in an urban school. It was an acute outbreak which cleared up quickly.

The position regarding the treatment of ear, nose and throat defects worsened during the year and at the end of the year there were 771 children awaiting treatment, an increase of 17.53%. It is hoped that an improvement will follow the opening of a Children's Ward at the West Wales General Hospital.

Facilities for medical inspection are in most schools of a low standard and although this is understandable in old schools, provision of these facilities should be part of every school building programme. It is hoped that this repetition of the position will be borne in mind when new schools are planned.

There are many schools in the County with primitive sanitary facilities and this is a matter which needs serious consideration. All schools should have the benefit of a piped water supply and modern sanitary facilities.

A teacher of the partially deaf was appointed during the year, and, pending the establishment of a unit for the partially deaf at one of the schools in the County, she carried out peripatetic duties. Although the unit did not materialise in this year, the arrangements were in an advanced stage.

The report of the Educational Psychologist, which is included at the end of this report, indicates the steps that have been taken to meet the needs of the educationally subnormal and maladjusted.

Details of the work of the School Dental Service are contained in the report of the Principal School Dental Officer. Attention must be drawn to the continued shortage of staff. It is a fact that at least 80% of children admitted to school are suffering from some form of dental defect and about the same percentage suffer from defects when leaving school. The results of fluoridation of water supplies in three special areas are awaited and may help considerably in reducing this problem eventually.

The success achieved by the School Health Service depends a good deal on co-operation with other sections of the Medical Service and to an important degree, with the Education Department from whose Director and staff the closest support was obtained.

The close liaison developed with general practitioners is fully maintained.

I am grateful to the Chairman, Vice-Chairman and members of the Education Committee, for their help and the kind consideration they have shown me, and to the teachers for their continued interest and valuable assistance. I would also record my appreciation of the loyal co-operation of members of the professional, nursing and administrative and clerical staff.

R. EVANS,

Principal School Medical Officer.

STAFF

Principal School Medical Officer :

R. Evans, M.D., B.Sc., D.P.H.

Deputy Principal School Medical Officer and Divisional School Medical Officer :

D. G. G. Jones, M.B., B.S., D.P.H.

School Medical Officers :

E. T. Davies-Humphreys, M.R.C.S., L.R.C.P.

D. O. Davies, M.R.C.S., L.R.C.P.

M. G. Danaher, M.B., B.Ch., B.A.O., L.M., D.P.H.

Edna E. Williams, B.Sc., M.B., B.Ch.

J. G. E. Collins, M.R.C.S., L.R.C.P., D.P.H.

C. I. Morgan, M.R.C.S., L.R.C.P.

*E. H. Beynon-Hopkins, M.R.C.S., L.R.C.P., D.P.H. (part-time).

*Gladys M. Herbert, M.R.C.S., L.R.C.P., D.P.H. (part-time).

†Elfyn T. Jones, B.Sc., M.R.C.S., L.R.C.P., D.P.H. (part-time).

* Divisional Medical Officer of Health.

† District Medical Officer of Health.

Principal School Dental Officer :

W. E. T. Llewelyn, L.D.S., R.C.S.

School Dental Officers :

J. L. T. Davies, L.D.S., R.C.S.

D. L. Walters, L.D.S., R.C.S.

F. G. Day (temporary).

Gwilym Evans, L.D.S., R.C.S. (part-time).

Dental Attendants :

Mrs. V. M. Arundel.

Miss E. B. Evans.

Miss A. M. Maliphant.

Miss M. A. Thomas.

Miss J. Jenkins.

Mrs. Florence Evans (part-time).

Senior Orthopaedic Sister :

Miss E. R. Buckley, M.C.S.P.

Assistant Orthopaedic Sister :

Mrs. O. Turner Evans, M.C.S.P.

Speech Therapist :

Mrs. R. M. Morgan, L.C.S.T.

Chief Nursing Officer :

Miss M. Evans, S.R.N., S.C.M., H.V.Cert.

Deputy Superintendent Health Visitor :

Miss F. Hughes, S.R.N., S.C.M., H.V.Cert.

Educational Psychologist :

C. B. E. James, B.A., B.Ed., A.B.Ps.S.

Consultants available for School Health Service :

Orthopaedic Surgeons :

G. D. Rowley, M.Ch. (Orthop.), Swansea.

R. L. Rees, F.R.C.S., Carmarthen.

Ophthalmic Surgeons :

G. S. Forrester, M.B., Ch.B., D.O.M.S., Llanelly.

A. Philipp, L.R.C.P., L.R.C.S., L.R.F.P.S., D.O.M.S., Llanelly.

Ear, Nose and Throat Surgeons :

T. I. Williams, F.R.C.S., Llanelly.

S. Morgan, F.R.C.S., Carmarthen.

Plastic Surgeons :

Eric Peet, F.R.C.S., Oxford.

Emlyn Lewis, F.R.C.S., Chepstow.

Paediatrician :

R. T. Jenkins, M.R.C.P., D.C.H., Swansea.

Dermatologist :

D. Leighton Rees, M.D., M.R.C.S., L.R.C.P., Swansea.

Orthodontist :

R. E. Rix, M.R.C.S., F.D.S., R.C.S., London.

Dental Surgeon :

J. R. Gibson, F.D.S., Chepstow.

Chest Physicians :

J. T. Jones, B.Sc., M.B., Ch.B.

D. B. Ll. Morgan, M.D.

Assistant Chest Physicians :

J. Williams, M.B., B.Ch.

Bronwen N. Davies, B.Sc., M.B., B.Ch.

Psychiatrists :

Sidney Davies, M.B., B.S., D.P.M.

J. Farr, M.B., B.S., B.Ch., D.P.M.

E. J. Eurfyl Jones, M.A., B.M., B.Ch., D.P.M.

Child Psychiatrist :

G. Crosse, M.B., B.S., D.P.M.

Pathologist :

Gwenfron M. Griffiths, M.D., M.R.C.P.

Bacteriologist under Medical Research Council :

H. D. S. Morgan, M.R.C.S., L.R.C.P., Dip. Bact.

NURSING

District.	Nurse.	Qualifications.
Whole-time Nurses.		
Amman Valley	M. G. Evans	S.R.N., S.C.M., H. V. Cert.
Ammanford	A. Howells	S.R.N., S.C.M., H. V. Cert.
Burry Port	R. M. Walters	S.R.N., S.C.M., H. V. Cert.
Trimsaran	G. M. Williams	S.R.N., S.C.M., H. V. Cert.
Llangennech	E. Edwards	S.R.N., S.C.M., H. V. Cert.
Carmarthen Borough	G. I. Evans	S.R.N., S.C.M., H. V. Cert.
	D. Murray	S.R.N., S.C.M., H. V. Cert.
St. Clears	M. E. E. Davies	S.R.N., S.C.M., H. V. Cert.
Llanelly Borough	C. Jones	S.R.N., S.C.M., H. V. Cert.
	G. M. Burford	S.R.N., S.C.M., H. V. Cert.
	G. Greene	S.R.N., S.C.M., H. V. Cert.
	G. M. Roberts	S.R.N., S.C.M., H. V. Cert.
	D. C. Insley	S.R.N., S.C.M., H. V. Cert.
Felinfoel	E. M. Jones	S.R.N., S.C.M., H. V. Cert.
Tumble	E. J. M. Jones	S.R.N., S.C.M., H. V. Cert.
Llandybie	M. M. Davies	S.R.N., H. V. Cert.
Pencader	E. N. Morgan	S.R.N., S.C.M., H. V. Cert.
Bancyfelin	E. N. E. Davies.....	S.R.N., H. V. Cert.
Llandeilo	C. M. Bailey	S.R.N., S.C.M., H. V. Cert.
Nantgaredig	E. Evans	S.R.N., S.C.M., H. V. Cert.
Llangendeirne	M. E. Thomas	S.R.N., S.C.M., H. V. Cert.
Llandovery	J. Jones	S.R.N., S.C.M., H. V. Cert.
Cynwyl Elfed	N. G. E. Baker	S.R.N., S.C.M., H. V. Cert.
Whitland	E. M. Perrott	S.R.N., S.C.M., H. V. Cert.
Part-time Nurses.		
Llansawel	M. L. Angel	S.R.N., S.C.M.
Cilycwm	E. G. Cox	S.C.M.
Caeo	S. Jenkins	S.C.M., S.E.A.N.

COMMUNICABLE DISEASES

No schools were closed during the year on the advice of the Principal School Medical Officer on account of outbreaks of communicable diseases.

The practice of closing schools has long been discounted as an effective means of preventing the spread of infection and it is only in very exceptional circumstances that it is resorted to.

The communicable diseases mainly affecting school children are measles and whooping cough.

308 cases of measles and 34 cases of whooping cough were notified to District Medical Officers of Health during the year.

The following comparison of the notifications received during the last five years is of interest :—

	1955	1956	1957	1958	1959
Measles	3094	577	117	1731	308
Whooping Cough	130	227	134	42	34

Food Poisoning.—An outbreak of food poisoning at Pentrepoeth Schools was reported on the 4th March to have affected 60 pupils, five teachers and three of the canteen staff. Bacteriological investigations were undertaken but the specimens of suspect food were inadequate to form definite conclusions. The available evidence, however, pointed to the contamination of the food by a heat resistant toxin.

Acute Poliomyelitis.—There have been no cases of acute poliomyelitis in children in the County during the last two years.

During 1959, 6,086 children born in the years 1943 to 1959 received the full course of two injections of vaccine against poliomyelitis and 240 received the first injection only.

15,335 persons, most of whom were of school age, received a third injection of vaccine against poliomyelitis during the year. This booster injection is given not less than seven months after the second injection.

MEDICAL INSPECTION AND FINDINGS

All the Primary and the majority of the Secondary and Grammar Schools in the County were visited during the year for medical inspection in accordance with the requirements of the Ministry of Education. In addition 91 schools were visited for the re-examination of children previously referred for treatment or observation. 7,015 children were examined in the routine age groups and 4,141 special inspections and re-inspections were made. A summary of the findings of medical inspection is given in Part II. of the Tables at the end of this report. The following are notes on some of the defects found :—

Skin Diseases.—20 cases required treatment and 168 cases were referred for observation.

Eye Defects.—Treatment was advised for 585 children with defective vision and 49 children with squint, while 885 cases of defective vision and 94 cases of squint were referred for observation.

Ear Conditions.—33 cases of defective hearing were referred for treatment and 43 for observation. Treatment was required for 18 cases of Otitis Media (ear discharge) and a further 97 cases were referred for observation. 2 cases of other ear conditions were also referred for treatment and 15 for observation.

Nose and Throat Conditions.—There were 245 cases of nose and throat defects (including enlarged tonsils and adenoids, sinusitis, antral conditions, etc.) requiring treatment, and a further 1008 were referred for observation.

Speech.—Treatment was advised for 111 cases of defective speech and 118 cases were referred for observation.

Nutrition.—Of the 7,015 children examined at routine medical examination only 3 (0.04%) were considered to be in an unsatisfactory physical condition and follow-up investigations were carried out.

FOLLOWING-UP

Much of the success of the School Health Service depends on the "field work" undertaken by the School Nurses. They follow up in the homes, those cases found to be defective at medical inspection, and also visit the homes of children suffering from communicable disease, uncleanliness, etc. 1,144 surprise visits to Schools were made by the School Nurses during the year to make cleanliness surveys. Table D., Part I. of the Tables at the end of this report summarises this work. In addition, the Nurses made 2,316 home visits.

"Following-up" is also carried out by the School Medical Officers by periodic re-inspections, and many special visits were made to Schools to examine special cases. During the year 91 Schools were re-inspected by the Medical Officers and 1,434 children were re-inspected.

MEDICAL TREATMENT

Minor Ailments.—Up to the end of 1958, regular sessions were held at the Brynmair Clinic, Llanelly, Pond Street Clinic, Carmarthen, and the High Street Clinic, Ammanford, for the treatment of ailments such as skin diseases, minor eye and ear diseases, injuries,

cuts, etc. Attendances at the Carmarthen and Ammanford Clinics, however, had fallen to such an extent that the holding of regular sessions was not considered to be justified, and they were discontinued early in 1959. 451 attendances were made at the Brynmair Clinic during 1959. Many cases were also treated privately by medical practitioners, hospitals and at the homes of children under the supervision of School Nurses. A total of 360 children were known to have been treated during the year.

Vision.—The specialist ophthalmic examination of children was undertaken by the Regional Hospital Board through the Hospital Management Committees. Mr. A. Philipp, Llanelly, held sessions at the Ophthalmic Centre at the West Wales General Hospital, Carmarthen, and Mr. G. S. Forrester, Llanelly, held sessions at Llanelly and at the Amman Valley Hospital. Sessions at Llanelly were held at the Brynmair School Clinic, but cases were also seen at the Outpatient Department of the Hospital.

1,132 children were dealt with by the Eye Specialists during the year, viz :—

	Outpatients.	Inpatients.	Total.
West Wales Hospital	346	47	393
Llanelly Hospital	503	40	543
Amman Valley Hospital	184	—	184
Other Hospitals	12	—	12
Totals	1045	87	1132

Glasses were prescribed for 558 children and records held by the School Medical Officer showed that 530 had been provided with glasses at the end of the year.

95 children were on the waiting lists for specialist ophthalmic examination on the 31st December, 1959, viz :—

Carmarthen	72
Llanelly	10
Amman Valley	13
Other Hospitals	—
Total	95

Ear, Nose and Throat Defects.—Children with ear, nose and throat defects are referred for specialist examination at the West Wales, Llanelly, Llandovery and Amman Valley Hospitals. With the exception of the Amman Valley Hospital, where the arrangements are made by the Hospital Secretary, children are directed by the School Medical Officer to attend for these examinations. Hospitals, of course, also dealt with children referred to them directly by general medical practitioners.

Children found to require inpatient treatment were placed by the specialists on the Hospital waiting lists, and the arrangements for admission were made by the Hospitals. Cases recommended surgical treatment at Llandovery Hospital are treated at the West Wales General Hospital. The following Table gives information as to the number of children who received operative treatment during the year :—

	Ear Diseases.	Adenoids and chronic tonsillitis.	Other nose and throat conditions.	Total.
West Wales Hospital	10	130	67	207
Llanelly Hospital	9	213	—	222
Amman Valley Hospital	—	100	9	109
Other Hospitals	2	13	—	15
Totals	21	456	76	553

81 fewer children received operative treatment at Hospitals than during 1958. There were at the end of 1959, 771 children on the waiting list for admission to hospitals—an increase of 17.53% over the previous year.

Comparison of the waiting lists at the end of 1958 and at the end of 1959 is as follows :—

Hospital	Waiting for Specialist Examination		Waiting for admission to Hospital		Total	
	At 31 Dec. 1958	At 31 Dec. 1959	At 31 Dec. 1958	At 31 Dec. 1959	At 31 Dec. 1958	At 31 Dec. 1959
West Wales and Llandovery	69	69	469	602	538	671
Llanelly	—	—	115	93	115	93
Amman Valley	27	7	69	76	96	83
Other Hospitals	4	—	3	—	7	—
Total	100	76	656	771	756	847

183 miscellaneous cases received non-operative treatment at Hospital Outpatient Departments.

Partially Deaf Children.—28 children were submitted to audiometric tests and five of them were found to be suffering from defective hearing and were fully investigated.

Four children are known to have been provided with hearing aids during the year and 15 were known to have been supplied with them in earlier years.

Steps were taken during the year to establish a Unit for Partially Deaf Children at Tumble County Primary School. A teacher of the partially deaf was appointed who commenced duties on the 1st May. Pending the adaptation of accommodation for the unit, the services of the teacher were used in a peripatetic capacity. It was hoped that the premises would be ready for use early in the New Year.

Plastic Treatment.—The arrangements for the plastic treatment of children at The Churchill Hospital, Oxford, continued during the year.

One case of cleft palate was treated there. Five cases attended for review.

Artificial Light Therapy.—Three school children received artificial light treatment at the Carmarthen Clinic.

Asthma—The Asthma Clinics at Llanelly and Ammanford, under the care of Dr. Jones, Deputy Principal School Medical Officer, and at Carmarthen, under the care of Dr. E. T. Davies-Humphreys,

continued to function successfully but, due to low attendances, the frequency of sessions at Ammanford was reduced from once weekly to once monthly. 481 attendances were made at the Clinics during the year. There were 36 new cases. Further information is given in the following table :—

	Ammanford.	Llanelly.	Carmarthen.	Total
No. of cases on 1st January, 1959	106	175	116	397
No. of new cases	2	20	14	36
No. withdrawn	—	8	1	9
No. of cases on 31st December	108	187	129	424
Total attendances	34	237	210	481

Treatment was on the same lines as for past years and there are no special observations to make.

Orthopaedic Treatment.—The Education Committee continued to administer the Clinics for the orthopaedic supervision and after-care of children. The charge for the supervision of the cases of other Authorities remained at 31/6d. per case per annum, but the Health and Public Health Committee paid a fixed lump sum in respect of children under school age.

On the 31st December, 1959, 2,138 cases were being attended to for all Authorities, viz. :—

County Education Committee	1367
County Health and Public Health Committee	742
West Wales Hospital Management Committee	12
Glantawe Hospital Management Committee	17

An analysis of these cases according to diagnosis is as follows :—

	County Education Committee.	Other Authorities.	Total.
Paralysis :			
Infantile	35	10	45
Spastic	35	18	53
Obstetrical	—	—	—
Other	1	—	1
Congenital Deformities	121	74	195
Infective Conditions of Bones and Joints	—	2	2
Non-Infective Conditions of Bones and Joints :			
Rickets	—	—	—
Other	9	2	11
Static and Postural Defects	1144	642	1786
Traumatic Deformities	2	3	5
Multiple Defects	—	—	—
Miscellaneous	20	20	40
Totals	1367	771	2138

Mr. Gordon Rowley, the Orthopaedic Surgeon, treated 28 of the Authority's cases as inpatients at Gorseinon Hospital. Cases for special or X-ray examination were referred to the Outpatient Department of Morriston, Llanelly and West Wales General Hospitals.

On the 31st December, 12 children referred from the Orthopaedic Clinics were on the waiting list for hospital inpatient treatment, as compared with 17 on the 31st December, 1958.

Child patients not under the County Orthopaedic Clinics were attended to by Hospitals under their own arrangements, and the following table summarises those cases so far as known to the School Medical Officer :—

Hospital.	Inpatients.		Outpatients.	
	Crippling Defects.	Fractures.	Crippling Defects.	Fractures.
West Wales General Hospital	64	—	97	73
Swansea Hospital	2	—	4	—
Llandovery Hospital	—	—	6	10
Totals	66	—	107	83

During the year, there were 12,789 attendances at the Clinics in the County, and the following table shows the case-loads of the various Clinics at the end of the year :—

Llanelly	546	Tumble	109
Garnant	48	Llandeilo	91
Pontyberem	76	Carmarthen	425
Llandovery	71	Burry Port	108
St. Clears	84	Pencader	41
Trimsaran	33	Brynamman	45
Ammanford	240	Llandybie	84
Whitland	63	Pontyates	38
Kidwelly	36		

A summary of the work undertaken under the orthopaedic arrangements during 1959 is given in the following table :—

	County Education Committee.	Other Authorities.	Total
Number of individual cases under Scheme on 1st January, 1959	1517	856	2373
Number of new cases during the year	400	343	743
Number of individual cases dealt with during the year	1917	1199	—
Number of cases withdrawn from Scheme	550	428	978
Number of cases under the Scheme on the 31st December	1367	771	2138
Total number of attendances made at the Clinics	9230	3559	12789
Number of individual cases received remedial exercises by Sisters	234	5	239
Number of individual cases massaged by Sisters	—	—	—
Number of home visits by Sisters	589	359	948
Number of cases examined by visiting Orthopaedic Surgeons	215	126	341
Number of cases recommended in - patient hospital treatment by Surgeons	22	2	24

Speech Therapy.—The four Speech Therapy Clinics established by the Committee continued to function successfully during the year. An occasional session is devoted by the Speech Therapist to the follow-up of cases at schools.

At the end of the year, sessions as follows were held at each clinic :—

Clinic.	Number of sessions.
Carmarthen	2 weekly
Llanelly	11 fortnightly
Ammanford	2 weekly
Llandeilo	2 monthly

Four sessions a month are held at the Highmead Residential School for Educationally Subnormal Children.

51 new cases were referred to the clinics and treatment was recommended for 49 of them. Two did not require treatment and treatment was deferred until later in three instances. The following is a summary of the defects found to require treatment during the year :—

	Carmar- then	Llanelly	Amman- ford	Llan- deilo	High- mead	Total
Defects of						
Articulation	5	14	1	5	1	26
Stammer	5	7	1	1	—	14
Excessive or inadequate nasal resonance	1	3	1	—	—	5
Rhotacism	—	3	—	1	—	4
Totals	11	27	3	7	1	49

218 cases received treatment at the clinics, 68 of which were treated for the first time during the year. 2,652 attendances were made at the Clinics as follows :—

Clinics.	Sessions.	Treated.	Attendances.
Carmarthen	81	39	448
Llanelly	206	103	1381
Ammanford	83	37	564
Llandeilo	18	21	71
Highmead	28	18	188
Totals	416	218	2652

73 cases were discharged from the clinics :—

37 with their defects cured, 11 sufficiently improved as not to warrant further attendances, 23 for lack of co-operation and unsatisfactory attendances, and two left the County.

Generally, the speech of the children who attended the Clinics regularly, and whose parents showed intelligent co-operation, improved considerably.

A summary of the waiting lists on the 31st December is as follows :—

Carmarthen	33
Llanelly	79*
Ammanford	27
Llandeilo	2
Total	141

* 9 of these had been seen by the Speech Therapist but had not commenced treatment at the end of the year.

Rheumatic Supervisory Clinics.—The Clinics for the supervision of rheumatic and heart complaints in children were continued at Llanelly, Carmarthen and Ammanford. Dr. M. G. Danaher, Assistant Medical Officer, was in charge of the Clinics, and regular monthly sessions were held at each centre.

Children showing abnormal cardiac physical signs, or giving a history of rheumatism or chorea, were referred to the Clinics by School Medical Officers.

Cases of congenital heart disease seen at the Clinics are provisionally classified. In general, such cases require hospital investigation, many of them demanding the application of an exacting technique for diagnosis and treatment.

Rheumatic children, however, require protection against recurring infection and the observation of children who have had acute rheumatism is an important aspect of the work. Relapse is a frequent feature of rheumatic disease in childhood and its early recognition is of prime importance.

The main work of the Clinics is, therefore, concerned with the observation of children who have had "juvenile rheumatism," with an effort to prevent recrudescence of a disease which can exert such a progressively incapacitating influence.

The intelligent co-operation of parent and child in regard to precautions to be observed is most desirable. It is important, wherever possible, that the child leads a normal life in relation to games and exercise, endeavouring to maintain a proper balance between excessive fatigue and undue restriction.

The following is a summary of the cases seen at the Clinics :—

Defect.	No. of cases.
Observation following acute rheumatism	46
Observation following chorea	7
Congenital lesions	30
Others	19
Total Number of Cases	102

158 attendances (81 at Llanelly, 42 at Carmarthen and 35 at Ammanford) were made at the Clinics.

At the end of the year there were 65 cases (36 at Llanelly, 19 at Carmarthen and 10 at Ammanford) on the registers of the Clinics.

Tuberculosis.—Treatment of tuberculous children is the responsibility of the Regional Hospital Board, to whom all suspected cases are referred.

The following shows the number of children referred by School Medical Officers and private medical practitioners for examination by the Chest Physicians during the year :—

	Dr. D. B. Ll. Morgan	Dr. J. T. Jones.	Others.	Total.
Total number of children examined during 1959	600	291	14	905
Number of these children who were :				
(a) Contacts	179	78	1	258
(b) Under school age	98	93	1	192
(c) Found to be suffering from :				
(i) Respiratory Tuberculosis	4	—	—	4
(ii) Non-Respiratory Tuberculosis	3	—	—	3
(d) Still under observation but not diagnosed at 31/12/59	17	11	3	31
(e) Found with no evidence of active tuberculosis	576	280	11	867
Analysis of Non-Respiratory cases :				
(a) Spine	—	—	—	—
(b) Hip	—	—	—	—
(c) Knee	—	—	—	—
(d) Abdomen	—	—	—	—
(e) Glands	2	—	—	2
(f) Shoulder	1	—	—	1
(g) Other sites	—	—	—	—
Treatment :				
(a) Number treated in Sanatoria.....	4	3	—	7
(b) Number treated in Hospital	2	—	—	2
(c) Number treated in Surgical Hospital	1	—	—	1
(d) Number treated in Open-Air School	—	—	—	—

BCG Vaccination of Children of 13 years of age.—Due to the heavy demand for vaccination against poliomyelitis it was not possible to carry out the BCG vaccination of 13 year old children.

Child Guidance.—The Child Guidance Clinic established by the Cefncoed Hospital Management Committee continued to be held at the Brynmair Clinic, Llanelly. 56 children were seen at the Clinic, 25 of whom were referred through the School Health Service, 25 by general medical practitioners and six by Hospitals. Their clinical categories were as follows :—

Behaviour Disorder.....	10
Neurosis	12
Habit Disorder	18
School Phobia	4
Personality Disorder	4
Organic	5
Psychosomatic	1
Speech Disorder	1
Depressive Reaction	1

31 cases were treated at the clinic and they made 288 attendances. 20 were discharged following treatment.

REPORT OF THE PRINCIPAL DENTAL OFFICER

The dental staff employed by the County during 1959 consisted of four full-time dental officers, two of whom are over the retiring age and are retained in a temporary capacity, and one part-time officer.

The dental staff is below the establishment required to provide a full service and there appears little hope of success in the recruitment of sufficient dental officers. This state of affairs not only applies to Carmarthenshire, but pretty well to the whole country. The main reasons for the lack of dental officers appear to be the financial disparity between the dentist in private practice and those employed by local education authorities, and also the poor working facilities which exist in schools. Some authorities are attempting to overcome the unsatisfactory working conditions at schools by the introduction of mobile dental clinics.

Routine inspection and treatment in the County is therefore confined to the primary schools (ages 5-11), although treatment is available at the Clinics for children attending the senior schools.

The majority of the primary schools were visited for dental inspection during the year and 14,668 children were examined. Of that total, 12,689 were found to require treatment, a percentage of 86.5, as compared with 86.6% for the year 1958.

Consents to treatment were received in respect of 8,837, a percentage of 69.64, a quite satisfactory acceptance rate.

945 treatment sessions were held at the three fixed clinics in the County and 695 sessions at schools.

A summary of the work undertaken is as follows :—

Individual children treated	.....	.....	5953
Attendances for treatment	.....	.....	8890
Teeth extracted	.....	.....	6785
Teeth saved by filling	.....	.....	3791
Teeth received minor treatment	.....	.....	581
Administrations of general anaesthetic	.....	.....	3879

More detailed figures will be found in Part IV. of the Statistical Tables.

Conservative treatment of both deciduous and permanent teeth, which is the aim of the service, is not accepted as fully as it should be. Some parents, regretfully, still believe that the only treatment required by their children is the extraction of teeth when painful and the eventual insertion of dentures.

The following figures summarise the position :—

- 1951—10.30 teeth extracted for each tooth filled.
- 1952—5.88 teeth extracted for each tooth filled.
- 1953—3.40 teeth extracted for each tooth filled.
- 1954—2.27 teeth extracted for each tooth filled.
- 1955—1.94 teeth extracted for each tooth filled.

1956—1.96 teeth extracted for each tooth filled.
 1957—1.24 teeth extracted for each tooth filled.
 1958—1.90 teeth extracted for each tooth filled.
 1959—1.78 teeth extracted for each tooth filled.

Orthodontic treatment was undertaken for 34 new cases and 29 cases whose treatment had been commenced before attended for further treatment and review.

The following is a summary of the treatment undertaken :—

(a) Cases commenced during the year	.....	34
(b) Cases carried forward from previous year	.....	29
(c) Cases completed during the year	.....	34
(d) Cases discontinued during the year	.....	7
(e) Cases treated with appliances	.....	45
(f) Removable appliances fitted	.....	52
(g) Fixed appliances fitted	.....	—
(h) Number of cases supplied with artificial teeth		38

I should like to record my thanks to Mr. R. E. Rix, M.R.C.S., F.D.S., our Consultant Orthodontist, for all his assistance in connection with the various difficult orthodontic cases. Also I should like to thank Mr. J. R. Gibson, F.D.S., Consultant Dental Surgeon of the Plastic Surgery Centre at Chepstow, for his advice and treatment of the cases which have been referred to him.

In conclusion, may I express my thanks to the Chairman and members of the Education Committee for their support during the past year.

Finally I wish to thank Dr. R. Evans, Principal School Medical Officer, Medical and Dental Staff, Health Visitors and Nurses, and all Headteachers for their co-operation and assistance during 1959.

WILLIAM LLEWELYN,
 Principal Dental Officer.

SCHOOL MILK AND MEALS

The latest information available at the end of the year showed that out of a total attendance of 25,808 on a particular day, milk and meals were being supplied as follows :—

Milk	.....	20,320 children (78.74%).
Meals	.....	16,796 children (65.08%).

This compares with percentages of 79.30 and 66.00 respectively for milk and meals a year ago.

Every effort is made to ensure that milk supplied to Schools is of a satisfactory standard, and whenever possible Pasteurised or Tuberculin Tested milk is provided. Where these grades of milk

are not available, satisfactory samples are obtained before the proposed supplies are approved. Samples of all school milk are regularly taken for analysis by the Staff of the Chief Inspector of Weights and Measures.

The following table gives the number of School Departments (including non-maintained schools) receiving the different grades of milk at the end of the year :—

Pasteurised	.....	.....	.....	.....	181
Tuberculin Tested	.....	.....	.....	.....	46
Raw	.....	.....	.....	.....	1
Reconstituted Dried Milk	.....	.....	.....	.....	3

One rural school was without a supply of milk at the end of the year.

Under the Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949-1953, pasteurised milk, as from the 1st October, 1954, could only be sold as such if it was delivered to the consumer in the bottles or containers in which it was pasteurised. Some retailers purchase pasteurised milk in bulk and bottle it themselves or transfer it to other containers for retail.

With regard to tuberculin tested milk it is only in exceptional circumstances that the Minister of Education is prepared to approve for grant purposes expenditure on milk, the purchase price of which is more than the maximum price for pasteurised milk.

All appointments to school kitchen and canteen staffs were subject to satisfactory Chest X-ray examinations and to satisfactory faecal and urine bacteriological examinations.

CO-OPERATION OF PARENTS, TEACHERS, AND VOLUNTARY ORGANISATIONS

Generally, parents display an active interest in the medical inspection and treatment of their children, and are eager to follow the advice given by Medical Officers. 3,205 parents were present at the medical inspections during the year, equivalent to a percentage of 32.97. Greater efforts should be made by parents to attend the first medical examination of children at school.

Appreciation of the keen interest and active co-operation of Headteachers and their staffs must again be recorded. The importance of their influence in matters relating to the children and also to the parents cannot be over-estimated, and the activities of the School Health Service would be seriously handicapped without that help and co-operation.

A good deal of assistance is also rendered by the Inspectors of the National Society for the Prevention of Cruelty to Children, but their work relating to problem families and neglected children is now undertaken through the Children's Officer.

HANDICAPPED PUPILS

The Education Committee have a duty to provide handicapped pupils with an education suited to their needs, and the ascertainment and classification of handicapped children is one of the main functions of the School Health Service. The work in the County has been undertaken satisfactorily over the years except that in connection with the educationally subnormal.

Eight pupils were reported to the Local Health Authority during the year as being incapable of receiving education at school.

200 handicapped children in the County have been ascertained to require special educational treatment. 84 of these were on the 31st January, 1960, pupils at Residential Special Schools while seven were receiving home tuition. A classification of the handicapped pupils is as follows :—

Handicap	At Special Schools	Receiving Home Tuition	Requiring places at Special Schools	
			Day	Board- ing
Blind	2	—	—	1
Partially Blind	3	—	—	—
Deaf	12	—	—	—
Partially Deaf	1	—	—	—
Delicate	12	—	—	—
Physically Handicapped :				
(a) Heart	—	1	—	—
(b) Spastics	7*	3	1	2
(c) Others	2	3	1	1
Educationally Subnormal	44	—	38†	64
Maladjusted	1	—	—	1
Epileptics	—	—	—	—
Totals	84	7	40	69

* 3 at Independent School.

† Recommended for admission to special classes at ordinary schools.

On the 31st January, 1960, there were 44 Carmarthenshire children (26 boys and 18 girls) at the Highmead Residential Special School for educationally subnormal children and there was a waiting list of 64 children. 42 of the latter, nine of whom were under 10 years of age, were receiving special educational treatment at ordinary schools. The parents had refused special educational treatment for 20 children.

The following is the report of the Educational Psychologist for the year 1959 :

REPORT OF EDUCATIONAL PSYCHOLOGIST

Arrangements for Child Guidance and Special Educational Treatment have been functioning in accordance with Circulars : 347 and 348 of the Ministry of Education, dated 10th March, 1959 ; thus " Child guidance in its broadest sense is synonymous with education itself and is a process in which both parents and teachers are constantly engaged. Within the schools, teachers have an important part to play in Child Guidance in its more specialised sense of promoting the healthy emotional development of individual children. An essential component of any Child Guidance Service is an efficient School Psychological Service."

In Carmarthenshire such a School Psychological Service has been established and, together with a Child Guidance Clinic established by the Cefncoed Hospital Management Committee, works in association with the School Health Service. The Educational Psychologist through the School Psychological Service maintained the link with the schools and also worked as a member of the Child Guidance team which included the Consultant Child Psychiatrist and the Psychiatric Social Worker.

During the year the Authority purchased a building adjacent to the Brynmair School Clinic, Llanelly, to house the above personnel and to facilitate the ascertainment and special educational treatment of mentally handicapped pupils including those who were retarded and/or maladjusted. Such an arrangement will provide a base for both the Psychologist and the Psychiatrist to further the education and mental health of children under their care in their respective spheres.

Further discussions took place with a view to easing the problem of admissions to Highmead Residential Special School for educationally subnormal pupils. Pupils admitted to this school would in future, be those who in addition to their mental disability, suffered from sociological difficulties or lived in remote rural areas which made it difficult for them to attend local Remedial Units in the Secondary Schools : it is of interest to note that on the sociological side the School Welfare Officers, who are all qualified social workers have made a valuable contribution to the work of the School Psychological Service.

In principle educationally subnormal children under the age of eleven, particularly in the rural schools, would receive special educational treatment in their own local schools since the schools were small and the numbers limited in such a way that the head-teacher would be able to arrange for them to have individual attention. In the Llanelly Divisional Executive area special classes have been established at Llangennech, Llwynhendy, Morfa, Old Road and Pembrey Schools. Children of all ages from Llanelly Borough would attend the Remedial Education Unit at Old Road School.

As far as the eleven plus children were concerned those who were not handicapped sociologically could receive special educational treatment at Remedial Education Units established in the following secondary schools: Llandybie, Ammanford, Lower Gwendraeth High, Carmarthen, Newcastle Emlyn and Llandovery County High. Arrangements were in hand to establish other remedial units in the Secondary Schools at Llanelly.

The Remedial Education Unit at Old Road School also caters for maladjusted children, and there is a specialist teacher on the staff.

Details of the children clinically examined by the Educational Psychologist during 1959 and recommended for various forms of special educational treatment are appended below :—

Psychological Clinical Examinations, 1959

	Boys	Girls	Total
(i) Educationally Sub-normal :			
(a) Retarded	17	7	24
(b) Backward	10	11	21
(c) Dull	20	21	41
Total	47	39	86
(ii) Ineducable	2	0	2
(iii) Maladjusted (wholly)	10	5	15
(iv) Educational Guidance	2	0	2
Grand Total	61	44	105

Of the educationally subnormal children examined in 1959 another group of 14 boys and seven girls suffered from various degrees of maladjustment and were referred for psychiatric opinion.

In addition to the above children examined by the Psychologist during 1959 action was taken on another 101 children clinically examined in 1957 and 1958.

On the 31st December, 1959, a total of 44 Carmarthenshire children (26 boys and 18 girls) were attending Highmead Residential School for E.S.N. pupils, established jointly by the three Counties.

The following table summarises the position :—

	Boys	Girls	Total
No. on Register at Highmead Residential			
Special School, 31/12/58	22	20	42
Discharged during 1959	5	3	8
Admitted during 1959	9	1	10
No. on Register 31/12/59	26	18	44

The school retained its good reputation and the pupils have shown evidence of relatively satisfactory progress having regard to their specific disabilities. During the year steps were taken to introduce animal husbandry into the curriculum: this has proved to be of added interest to the children and has been another oblique way of furthering their education generally as well as in the basic subjects. Of the school leavers, arrangements were made for two girls to receive further education at the Danycoed School for Domestic Science, Swansea.

Through the joint consultation of the Principal School Medical Officers, the services of a trained Audiometrician (Health Visitor) and a Speech Therapist have been made available to the school. Likewise through the co-operation of the three authorities, the respective Youth Employment Officers have arranged for the children to receive vocational guidance.

It is of interest to note that during the year a visit was paid to the school by Mr. A. E. Marrington, Assistant Secretary to the Welsh Department of the Ministry of Education.

A most valuable feature of the School Psychological Service has been the assistance given by the headteachers and staff of the schools in making a detailed return of handicapped pupils who require or are receiving special educational treatment. This return has facilitated the clinical assessment and ascertainment of such pupils and enabled the authority to draw up a development plan for a comprehensive Child Guidance Service.

Two assumptions underlie the 1944 Education Act, viz., that all pupils should receive an education according to their age, aptitude and ability—and that handicapped pupils should receive special educational treatment. By dovetailing school records including the results of the eleven-plus assessment with the clinical records of handicapped pupils it has become possible through the School Psychological Service to facilitate the provision of a variety of types of education for different categories of pupils in such a way that all children ranging from the quick to the slow and the handicapped have a chance to profit in accordance with the authority's policy statement of "Keeping Open the Door of Educational Opportunity."

In brief, there has been a close liaison between the School Psychological Service and the School Health Service and the schools themselves as well as with the statutory services of the Local Authority to enable the educational progress and mental health of the children, both the fit and the handicapped to be safeguarded through a comprehensive approach to their personal problems.

SCHOOL CLINICS

Location of Clinic.	Type of Clinic.	No. of Sessions
Permanent Clinics :		
Brynmair Clinic, Goring Road, Llanelly	Orthopaedic	Six fortnightly
	Asthma	One weekly
	Minor Ailments	Six weekly
	Rheumatic Supervisory	Three monthly
	Speech Therapy	Eleven fortnightly
	Dental	As required
The Clinic, High Street, Ammanford	Orthopaedic	Two weekly
	Asthma	One monthly
	Minor Ailments	Five weekly
	Rheumatic Supervisory	One monthly
	Speech Therapy	Two weekly
	Dental	As required
Pond Street Clinic, Pentrefelin, Carmarthen	Asthma	One weekly
	Minor Ailments	Five weekly
	Rheumatic Supervisory	One monthly
	Speech Therapy	Two weekly
	Dental	Three weekly and as required
Penuel Old Vestry, St. Clears	Orthopaedic	Two fortnightly
	Dental	As required
The Clinic, Laugharne	Dental	As required
5, Broad Street, Llandovery	Orthopaedic	Two fortnightly
	Dental	As required
Temporary Clinics :		
Dynevor Church Hall, Llandeilo	Speech Therapy	Two monthly
Penuel Chapel Vestry, Penuel Street, Carmarthen	Orthopaedic	Two weekly
Salem Chapel Vestry, New Road, Llandeilo	do.	Two fortnightly
The Institute, Memorial Square, Burry Port	do.	do.
The Church Hall, Brynamman	do.	do.
Assembly Rooms, Memorial Hall, Llandybie	do.	do.
Memorial Hall, Pontyberem	do.	do.
Welfare Hall, Pontyates	do.	do.
Memorial Hall, Whitland	do.	do.
County Primary School, Garnant	do.	do.
Church Hall, Pencader	do.	do.
Bethania Chapel Vestry, Tumble.....	do.	do.
The Institute, Trimsaran	do.	One fortnightly
Trinity Methodist Schoolroom, Kidwelly	do.	do.

MEDICAL INSPECTION AND TREATMENT

RETURN FOR THE YEAR ENDED 31st DECEMBER, 1959

Number of pupils on registers of maintained primary and
secondary schools 27,042

PART I.—MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED PRIMARY AND SECONDARY SCHOOLS (INCLUDING NURSERY AND SPECIAL SCHOOLS)

TABLE A.—PERIODIC MEDICAL INSPECTIONS

Age Groups Inspected (By year of birth) (1)	No. of Pupils Inspected (2)	Physical condition of Pupils Inspected			
		Satisfactory		Unsatisfactory	
		No.	% of Col. 2	No.	% of Col. 2
		(3)	(4)	(5)	(6)
1955 and later	693	693	100	—	—
1954	828	827	99.88	1	0.12
1953	390	390	100	—	—
1952	116	116	100	—	—
1951	1508	1506	99.87	2	0.13
1950	330	330	100	—	—
1949	145	145	100	—	—
1948	1167	1167	100	—	—
1947	698	698	100	—	—
1946	153	153	100	—	—
1945	63	63	100	—	—
1944 and earlier	924	924	100	—	—
TOTAL	7015	7012	99.96	3	0.04

TABLE B.—PUPILS FOUND TO REQUIRE TREATMENT
AT PERIODIC MEDICAL INSPECTIONS
(excluding Dental Diseases and Infestation with Vermin)

Age Groups Inspected (By year of birth) (1)	For defective vision (excluding squint) (2)	For any of the other conditions recorded in Part II. (3)	Total individual pupils (4)
1955 and later	7	132	137
1954	11	142	149
1953	14	65	74
1952	5	26	31
1951	99	161	243
1950	18	24	42
1949	14	14	26
1948	78	102	176
1947	45	46	89
1946	15	11	25
1945	7	4	10
1944 and earlier	82	36	117
TOTAL	395	763	1119

TABLE C.—OTHER INSPECTIONS

Number of Special Inspections	2707
Number of Re-inspections	1434
Total	4141

TABLE D.—INFESTATION WITH VERMIN

(a) Total number of individual examinations of pupils in schools by school nurses or other authorised persons	66522
(b) Total number of individual pupils found to be infested.....	319
(c) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944).....	12
(d) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944)	—

PART II.—DEFECTS FOUND BY MEDICAL INSPECTION DURING THE YEAR

TABLE A.—PERIODIC INSPECTIONS

Defect Code No. (1)	Defect or Disease (2)	Periodic Inspections							
		Entrants		Leavers		Others		Total	
		(T.) (3)	(O.) (4)	(T.) (5)	(O.) (6)	(T.) (7)	(O.) (8)	(T.) (9)	(O.) (10)
4	Skin	4	32	—	25	5	62	9	119
5	Eyes:								
	(a) Vision	38	26	86	118	271	292	395	436
	(b) Squint	13	28	1	4	15	35	29	67
	(c) Other	8	7	4	3	32	25	44	35
6	Ears:								
	(a) Hearing	3	11	1	1	11	11	15	23
	(b) Otitis Media	4	24	—	2	5	32	9	58
	(c) Other	—	2	—	—	—	9	—	11
7	Nose and Throat	102	330	2	25	53	331	157	686
8	Speech	29	26	—	3	33	20	62	49
9	Lymphatic Glands	8	162	—	12	6	122	14	296
10	Heart	13	46	1	12	15	91	29	149
11	Lungs	31	87	1	18	29	123	61	228

Defect Code No. (1)	Defect or Disease (2)	Periodic Inspections							
		Entrants		Leavers		Others		Total	
		(T.) (3)	(O.) (4)	(T.) (5)	(O.) (6)	(T.) (7)	(O.) (8)	(T.) (9)	(O.) (10)
12	Developmental : (a) Hernia (b) Other	3 7	10 62	— 3	1 3	3 18	5 40	6 28	16 105
13	Orthopaedic : (a) Posture (b) Feet (c) Other	3 108 54	4 75 41	3 12 2	5 16 9	12 106 19	10 86 56	18 226 75	19 177 106
14	Nervous System : (a) Epilepsy (b) Other	— 1	9 —	1 —	1 1	4 1	7 11	5 2	17 12
15	Psychological : (a) Development (b) Stability	5 —	15 5	1 —	1 1	18 7	22 10	24 7	38 16
16	Abdomen	—	8	—	2	2	9	2	19
17	Other	10	26	1	18	19	47	30	91

TABLE B.—SPECIAL INSPECTIONS

Defect Code No. (1)	Defect or Disease (2)	Special Inspections	
		Pupils requiring Treatment (3)	Pupils requiring Observation (4)
4	Skin	11	49
5	Eyes :		
	(a) Vision	190	449
	(b) Squint	20	27
	(c) Other	11	17
6	Ears :		
	(a) Hearing	18	20
	(b) Otitis Media	9	39
	(c) Other	2	4
7	Nose and Throat	88	322
8	Speech	49	69
9	Lymphatic Glands	19	111
10	Heart	15	95
11	Lungs	29	176
12	Developmental :		
	(a) Hernia	1	7
	(b) Other	11	48
13	Orthopaedic :		
	(a) Posture	4	14
	(b) Feet	79	105
	(c) Other	23	72
14	Nervous System :		
	(a) Epilepsy	3	20
	(b) Other	3	9
15	Psychological :		
	(a) Development	36	59
	(b) Stability	11	16
16	Abdomen	1	5
17	Other	21	58

**PART III.—TREATMENT OF PUPILS ATTENDING MAINTAINED
PRIMARY AND SECONDARY SCHOOLS (INCLUDING NURSERY
AND SPECIAL SCHOOLS)**

**TABLE A.—EYE DISEASES, DEFECTIVE VISION AND
SQUINT**

	Number of cases known to have been dealt with
External and other, excluding errors of refraction and squint	96
Errors of refraction (including squint)	1040
Total	1136
Number of pupils for whom spectacles were prescribed	558

**TABLE B.—DISEASES AND DEFECTS OF EAR, NOSE AND
THROAT**

	Number of cases known to have been dealt with
Received operative treatment :	
(a) for diseases of the ear	21
(b) for adenoids and chronic tonsillitis	456
(c) for other nose and throat con- ditions	76
Received other forms of treatment	183
Total	736
Total number of pupils in schools who are known to have been provided with hearing aids :	
(a) in 1959	4
(b) in previous years	15

TABLE C.—ORTHOPAEDIC AND POSTURAL DEFECTS

	Number of cases known to have been treated
(a) Pupils treated at clinics or out-patients departments	2107
(b) Pupils treated at school for postural defects	—
Total	2107

TABLE D.—DISEASES OF THE SKIN (excluding uncleanliness, for which see Table D. of Part I.)

	Number of cases known to have been treated
Ringworm : (a) Scalp	5
(b) Body	2
Scabies	1
Impetigo	6
Other skin diseases	56
Total	70

TABLE E.—CHILD GUIDANCE TREATMENT

	Number of cases known to have been treated
Pupils treated at Child Guidance clinics	31

TABLE F.—SPEECH THERAPY

	Number of cases known to have been treated
Pupils treated by speech therapists	218

TABLE G.—OTHER TREATMENT GIVEN

	Number of cases known to have been dealt with
(a) Pupils with minor ailments	290
(b) Pupils who received convalescent treatment under School Health Service arrangements	—
(c) Pupils who received B.C.G. vaccination	—
(d) Other than (a), (b) and (c) above	
Please specify :	
General Medical and Surgical	1037
Asthma	49
Total (a)—(d)	1376

PART IV.—DENTAL INSPECTION AND TREATMENT CARRIED OUT BY THE AUTHORITY

(1) Number of pupils inspected by the Authority's Dental Officers :—	
(a) At Periodic Inspections	13974
(b) As Specials	694
Total (1)	14668
(2) Number found to require treatment	12689
(3) Number offered treatment	12689
(4) Number actually treated	5953
(5) Number of attendances made by pupils for treatment, including those recorded at 11 (h)	8890
(6) Half-days devoted to :	
(a) Periodic (School) Inspection	205
(b) Treatment	1640
Total (6)	1845
(7) Fillings :	
(a) Permanent Teeth	3792
(b) Temporary Teeth	834
Total (7)	4626

(8) Number of Teeth filled :				
(a) Permanent Teeth	.....	.....	.....	3104
(b) Temporary Teeth	.....	.....	.....	687
Total (8)				3791
(9) Extractions :				
(a) Permanent Teeth	.....	.....	.....	1005
(b) Temporary Teeth	.....	.....	.....	5780
Total (9)				6785
(10) Administration of general anaesthetics for extraction				3879
(11) Orthodontics :				
(a) Cases commenced during the year	.....	.....	.....	34
(b) Cases brought forward from previous year	.....	.....	.....	29
(c) Cases completed during the year	.....	.....	.....	34
(d) Cases discontinued during the year	.....	.....	.....	7
(e) Pupils treated with appliances	.....	.....	.....	45
(f) Removable appliances fitted	.....	.....	.....	52
(g) Fixed appliances fitted	.....	.....	.....	—
(h) Total attendances	.....	.....	.....	394
(12) Number of pupils supplied with artificial teeth				38
(13) Other operations :				
(a) Permanent Teeth	.....	.....	.....	364
(b) Temporary Teeth	.....	.....	.....	217
Total (13)				581

TABLE 1. DENTAL SERVICES

101	(a) Permanent Teeth	101
102	(b) Temporary Teeth	102
103	(c) Total	203
104	(a) Permanent Teeth	104
105	(b) Temporary Teeth	105
106	(c) Total	210
107	(a) Permanent Teeth	107
108	(b) Temporary Teeth	108
109	(c) Total	215
110	(a) Permanent Teeth	110
111	(b) Temporary Teeth	111
112	(c) Total	221
113	(a) Permanent Teeth	113
114	(b) Temporary Teeth	114
115	(c) Total	227
116	(a) Permanent Teeth	116
117	(b) Temporary Teeth	117
118	(c) Total	233
119	(a) Permanent Teeth	119
120	(b) Temporary Teeth	120
121	(c) Total	239
122	(a) Permanent Teeth	122
123	(b) Temporary Teeth	123
124	(c) Total	245
125	(a) Permanent Teeth	125
126	(b) Temporary Teeth	126
127	(c) Total	251
128	(a) Permanent Teeth	128
129	(b) Temporary Teeth	129
130	(c) Total	257
131	(a) Permanent Teeth	131
132	(b) Temporary Teeth	132
133	(c) Total	263
134	(a) Permanent Teeth	134
135	(b) Temporary Teeth	135
136	(c) Total	269
137	(a) Permanent Teeth	137
138	(b) Temporary Teeth	138
139	(c) Total	275
140	(a) Permanent Teeth	140
141	(b) Temporary Teeth	141
142	(c) Total	281
143	(a) Permanent Teeth	143
144	(b) Temporary Teeth	144
145	(c) Total	287
146	(a) Permanent Teeth	146
147	(b) Temporary Teeth	147
148	(c) Total	293
149	(a) Permanent Teeth	149
150	(b) Temporary Teeth	150
151	(c) Total	299
152	(a) Permanent Teeth	152
153	(b) Temporary Teeth	153
154	(c) Total	305
155	(a) Permanent Teeth	155
156	(b) Temporary Teeth	156
157	(c) Total	311
158	(a) Permanent Teeth	158
159	(b) Temporary Teeth	159
160	(c) Total	317
161	(a) Permanent Teeth	161
162	(b) Temporary Teeth	162
163	(c) Total	323
164	(a) Permanent Teeth	164
165	(b) Temporary Teeth	165
166	(c) Total	329
167	(a) Permanent Teeth	167
168	(b) Temporary Teeth	168
169	(c) Total	335
170	(a) Permanent Teeth	170
171	(b) Temporary Teeth	171
172	(c) Total	341
173	(a) Permanent Teeth	173
174	(b) Temporary Teeth	174
175	(c) Total	347
176	(a) Permanent Teeth	176
177	(b) Temporary Teeth	177
178	(c) Total	353
179	(a) Permanent Teeth	179
180	(b) Temporary Teeth	180
181	(c) Total	359
182	(a) Permanent Teeth	182
183	(b) Temporary Teeth	183
184	(c) Total	365
185	(a) Permanent Teeth	185
186	(b) Temporary Teeth	186
187	(c) Total	371
188	(a) Permanent Teeth	188
189	(b) Temporary Teeth	189
190	(c) Total	377
191	(a) Permanent Teeth	191
192	(b) Temporary Teeth	192
193	(c) Total	383
194	(a) Permanent Teeth	194
195	(b) Temporary Teeth	195
196	(c) Total	389
197	(a) Permanent Teeth	197
198	(b) Temporary Teeth	198
199	(c) Total	395
200	(a) Permanent Teeth	200
201	(b) Temporary Teeth	201
202	(c) Total	401