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Contributors

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Carmarthenshire County Council

EDUCATION COMMITTEE

Annual Report

OF THE

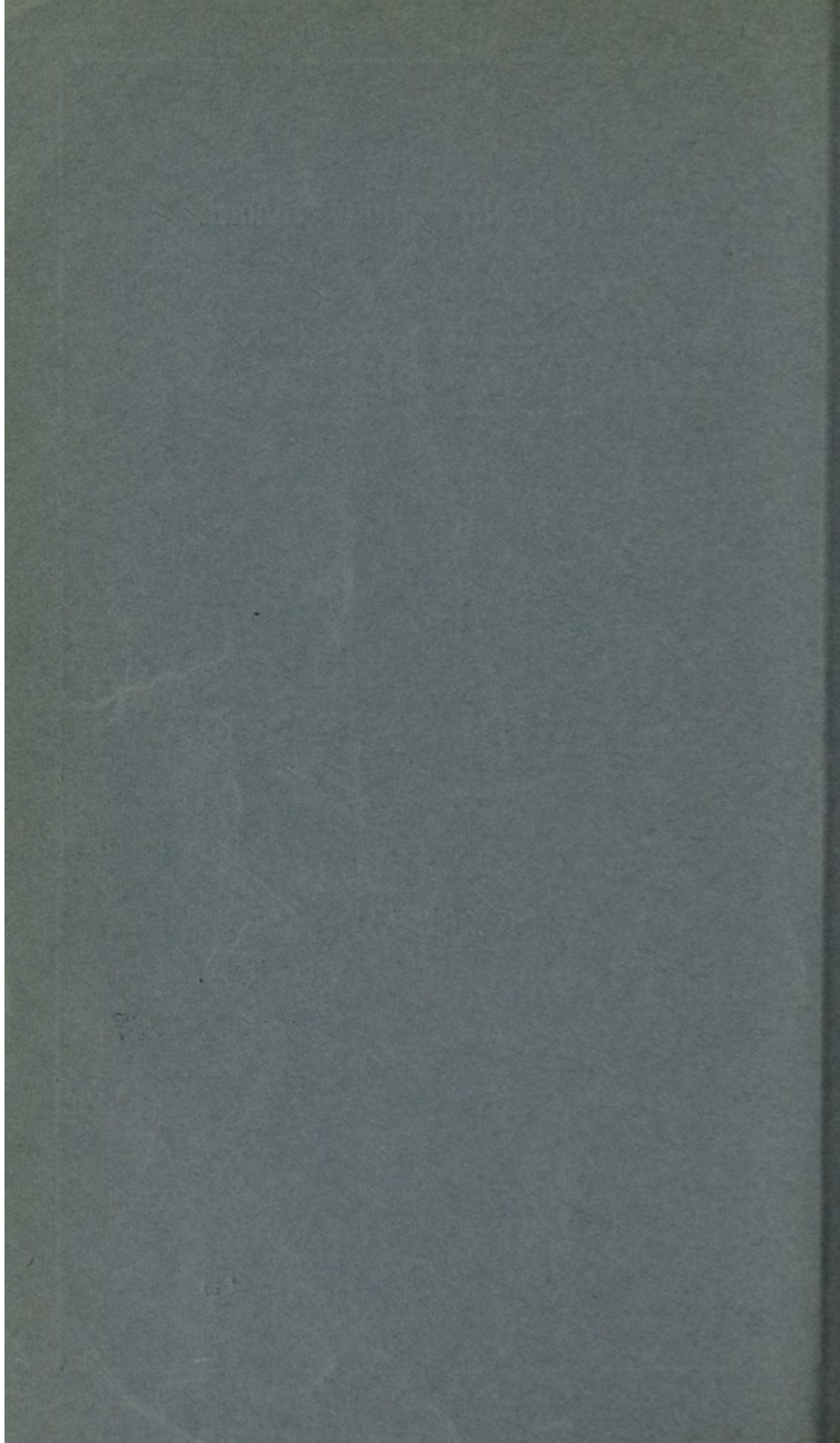
PRINCIPAL

SCHOOL MEDICAL OFFICER

for the Year ended 31st December, 1957

LLANELLY :

Printed by the Llanelly Mercury Printing Co., Ltd.



CARMARTHENSHIRE COUNTY COUNCIL

Carmarthenshire County Council

EDUCATION COMMITTEE

ANNUAL REPORT OF THE PRINCIPAL SCHOOL MEDICAL OFFICER FOR THE YEAR ENDED 31st DECEMBER, 1957

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Printed by the Llanelly Mercury Printing Co., Ltd.

Principal School Medical Officer.

Carroll County Board of Health

EDUCATION COMMITTEE

Annual Report

OF THE

PRINCIPAL

SCHOOL MEDICAL OFFICER

for the Year ended 31st December, 1927

LANSLEY:

Printed by the Lansley Printing Co. Ltd.

CARMARTHENSHIRE COUNTY COUNCIL**EDUCATION COMMITTEE****ANNUAL REPORT OF THE PRINCIPAL SCHOOL MEDICAL
OFFICER FOR THE YEAR ENDED 31st DECEMBER, 1957**

I have the pleasure of submitting my report on the School Health Service for the year 1957. The health of the school children remains at a satisfactory level and the number found during the year in an unsatisfactory physical condition was negligible.

All schools were visited for routine medical inspection in spite of the added work involved with vaccination against poliomyelitis. However, the campaign for the BCG Vaccination of school children had to be temporarily suspended because the demand for poliomyelitis vaccination proved heavy.

Even though Specialist ophthalmic examinations showed a marked increase, the waiting list again showed an upward trend as in the previous year.

The number of children awaiting examination by the Ear, Nose and Throat Specialists at the end of the year was lower than at the end of 1956, but the number waiting treatment showed an increase.

All the other services were maintained satisfactorily.

The School Dental Service continued its good work but the handicap of inadequate staffing, to which there appears to be no ready solution, is reflected in the report of the Principal Dental Officer.

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.

Marjorie J. A. Lewis, B.Sc., M.B., B.Ch. (resigned 28th July).

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. (commenced 14th October).

*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. (commenced 1st January).

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).

G. Ungood Griffiths, 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 :

J. J. Healy, M.B., Ch.B., Llanelly.

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.

Hon. Plastic Surgeon :

T. Pomfret Kilner, F.R.C.S., Oxford.

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.

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 :

M. H. Hughes, M.A., D.M., D.T.M. and H., 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	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	A. E. Jones	S.R.N., S.C.M., H. V. Cert.
Pencader	Vacancy	
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	M. M. Davies	S.R.N., H. V. Cert.
Conwil	N. G. E. Baker	S.R.N., S.C.M., H. V. Cert.
Whitland	Vacancy	
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.

117 cases of measles and 134 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 four years is of interest :—

	1954	1955	1956	1957
Measles	11	3094	577	117
Whooping Cough	222	130	227	134

Acute Poliomyelitis.—There were two cases of acute poliomyelitis, one of which was paralytic, in children in the County during the year. In 1956, there were no cases of the disease.

Vaccination against poliomyelitis, which was introduced last year, continued during 1957 and increased amounts of vaccine became available although the demand still exceeded the supply.

In May, the offer of vaccination was extended to children born in 1955 and 1956 and repeated to children born in the years 1947 to 1954 who had not previously been registered. Late in the year, the vaccination arrangements were further extended to cover children born in 1943 to 1946 and those born in 1957 who had reached the age of six months—the registration of these groups was commenced early in 1958.

During 1957, 7,653 children received the full course of two injections and 1,717 received the first injection only. At the end of the year there were still 5,950 children awaiting the first injection.

MEDICAL INSPECTION AND FINDINGS

All the Primary, 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 17 Schools were visited for the re-examination of children previously referred for treatment or observation. 8,146 children were examined in the routine age groups and 2,495 special inspections

and re-inspections were made. A summary of the findings of medical inspection is given in Table III. at the end of this report. The following are notes on some of the defects found :—

Skin Diseases.—29 cases required treatment and 135 cases were referred for observation.

Eye Defects.—Treatment was advised for 686 children with defective vision and 59 children with squint, while 705 cases of defective vision and 116 cases of squint were referred for observation.

Ear Conditions.—22 cases of defective hearing were referred for treatment and 37 for observation. Treatment was required for 15 cases of Otitis Media (ear discharge) and a further 69 cases were referred for observation. 3 cases of other ear conditions were also referred for treatment and 18 for observation.

Nose and Throat Conditions.—There were 311 cases of nose and throat defects (including enlarged tonsils and adenoids, sinusitis, antral conditions, etc.) requiring treatment, and a further 889 were referred for observation.

Speech.—Treatment was advised for 110 cases of defective speech and 124 cases were referred for observation.

Nutrition.—Of the 8,146 children examined at routine medical examination only 5 (0.06%) 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, uncleanness, etc. 1,472 surprise visits to Schools were made by the School Nurses during the year to make cleanliness surveys. Table II at the end of this report summarises this work. In addition, the Nurses made 3,419 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 17 Schools were re-inspected by the Medical Officers and 263 children were re-inspected.

MEDICAL TREATMENT

Minor Ailments.—Ailments such as skin diseases, minor eye and ear diseases, injuries, cuts, etc., were treated at the Minor Ailments Clinics at Llanelly, Carmarthen and Ammanford. Many cases were also treated privately by medical practitioners, and at the homes of children under the supervision of School Nurses. 530 children were known to have been treated during the year. The total attendances at the Clinics were 1,258, i.e., 728 at Llanelly, 318 at Carmarthen, and 212 at Ammanford.

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.

1,501 children were dealt with by the Eye Specialists during the year, viz :—

	Outpatients.	Inpatients.	Total.
West Wales Hospital	685	22	707
Llanelly Hospital	513	45	558
Amman Valley Hospital	236	—	236
Totals	1434	67	1501

Glasses were prescribed for 621 children and records held by the School Medical Officer showed that 532 had been provided with glasses at the end of the year.

608 children were on the waiting lists for specialist ophthalmic examination on the 31st December, 1957, viz :—

Carmarthen	462
Llanelly	85
Amman Valley	61
Total	608

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. Children have no priority of admission and have to take their chance with adults on the waiting lists. 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	54	168	—	222
Llanelly Hospital	81	239	81	401
Amman Valley Hospital	—	83	3	86
Totals	135	490	84	709

155 fewer children received operative treatment at Hospitals than during 1956. There were at the end of 1957, 380 children on the waiting list for admission to Llanelly, Amman Valley and the West Wales Hospitals.

Comparison of the waiting lists at the end of 1956 and at the end of 1957 is as follows:—

Following 13, 24, and 24 visits were made to the Amman Valley, Llanelly, and West Wales Hospitals respectively, and many special visits were made to schools to inspect cases. During the year 17 schools were inspected by the Medical Officers and 263 children were re-inspected.

Hospital	Waiting for Specialist Examination		Waiting for admission to Hospital		Total	
	At 31 Dec. 1956	At 31 Dec. 1957	At 31 Dec. 1956	At 31 Dec. 1957	At 31 Dec. 1956	At 31 Dec. 1957
West Wales and Llandovery	80	35	169	295	249	330
Llanelly	17	—	107	51	124	51
Amman Valley	12	31	67	34	79	65
Total	109	66	343	380	452	446

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

Partially Deaf Children.—Ten schools were visited for audiometric surveys and 649 children tested. 82 children suffered from defective hearing and were fully investigated. Only two were sufficiently deaf to need a hearing aid.

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

Three cases were treated there ; one cleft palate, one cleft lip and one cleft lip and palate.

Artificial Light Therapy.—Five 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. 892 attendances were made at the Clinics during the year. There were 67 new cases. Further information is given in the following table :—

	Ammanford.	Llanelly.	Carmarthen.	Total
No. of cases on 1st January, 1957.....	109	144	149	402
No. of new cases	14	30	23	67
No. withdrawn	24	21	84	129
No. of cases on 31st December	99	153	88	340
Total attendances	152	418	322	892

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 Committee paid a fixed lump sum in respect of children under school age.

On the 31st December, 1957, 2,217 cases were being attended to for all Authorities, viz. :—

County Education Committee	1403
County Health Committee	788
West Wales Hospital Management Committee	11
Glantawe Hospital Management Committee	15

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

	County Education Committee.	Other Authorities.	Total.
Paralysis :			
Infantile	37	16	53
Spastic	40	9	49
Obstetrical	—	1	1
Other	1	2	3
Congenital Deformities	149	86	235
Infective Conditions of Bones and Joints	—	2	2
Non-Infective Conditions of Bones and Joints :			
Rickets	—	—	—
Other	14	3	17
Static and Postural Defects	1138	672	1810
Traumatic Deformities	5	4	9
Multiple Defects	—	—	—
Miscellaneous	19	19	38
Totals	1403	814	2217

Mr. Gordon Rowley, the Orthopaedic Surgeon, treated 29 of the Authority's cases as inpatients: 2 at Morriston Hospital and 27 at Gorseinon Hospital. Cases for special or X-ray examination were referred to the Outpatient Department of Morriston and Llanelly Hospitals.

On the 31st December, 13 children referred from the Orthopaedic Clinics were on the waiting list for hospital inpatient treatment, as compared with 10 on the 31st December, 1956.

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	14	29	83	97
Other Hospitals	—	1	5	3
Total	14	30	88	100

During the year, there were 14,720 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	679	Tumble	99
Garnant	53	Llandeilo	113
Pontyberem	70	Carmarthen	356
Llandovery	54	Burry Port	114
St. Clears	78	Pencader	43
Trimsaran	36	Brynamman	56
Ammanford	240	Llandybie	74
Whitland	60	Pontyates	54
Kidwelly	38		

A summary of the work undertaken under the orthopaedic arrangements during 1957 is given in the following table :—

	County Education Committee.	Other Authorities.	Total.
Number of individual cases under Scheme on 1st January, 1957	1265	891	2156
Number of new cases during the year	498	369	867
Number of individual cases dealt with during the year	1749	1260	—
Number of cases withdrawn from Scheme	360	446	806
Number of cases under the Scheme on the 31st December	1403	814	2217
Total number of attendances made at the Clinics	10599	4121	14720
Number of individual cases received remedial exercises by Sisters	529	4	533
Number of individual cases massaged by Sisters	—	—	—
Number of home visits by Sisters	527	414	941
Number of cases examined by visiting Orthopaedic Surgeons	269	142	411
Number of cases recommended in-patient hospital treatment by Surgeons	24	13	37

Speech Therapy.—The four Speech Therapy Clinics established by the Committee continued to function successfully during the year. One session per week 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 weekly at each clinic:—

Clinic.	Number of sessions.
Carmarthen	2
Llanelly	5
Ammanford	2
Llandeilo	1

143 new cases were referred to the clinics and treatment was recommended for 114 of them, 73 of whom have commenced treatment. 12 did not require treatment, 3 refused treatment and treatment was deferred until later in 17 instances. The following is a summary of the defects found to require treatment during the year:—

	Carmarthen	Llanelly	Ammanford	Llandeilo	Total
Defects of Articulation	10	38	5	9	62
Stammer	2	15	3	4	24
Excessive or inadequate nasal resonance	1	1	1	—	3
Rhotacism	4	16	5	—	25
Total	17	70	14	13	114

174 cases received treatment at the clinics, 73 of which were treated for the first time during the year. 2,412 attendances were made at the Clinics as follows:—

Clinics.	Sessions.	Treated.	Attendances.
Carmarthen	90	33	435
Llanelly	230	81	1327
Ammanford	88	39	414
Llandeilo	43	21	236
Totals	451	174	2412

61 cases were discharged from the clinics:—

22 with their defects cured, 5 sufficiently improved as not to warrant further attendances, 26 for lack of co-operation and unsatisfactory attendances, three of school leaving age, three left the County, and two for other reasons.

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 .....	.....	12
Llanelly .....	.....	88*
Ammanford .....	.....	11
Llandeilo .....	.....	—
		—
Total		111
		—

* 38 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	41
Observation following chorea	7
Congenital lesions	28
Others	18
Total Number of Cases	94

160 attendances (106 at Llanelly, 33 at Carmarthen and 21 at Ammanford), were made at the Clinics.

At the end of the year there were 71 cases (49 at Llanelly, 16 at Carmarthen and 6 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 1957	630	403	8	1041
Number of these children who were :				
(a) Contacts	263	96	3	362
(b) Under school age	112	42	2	156
(c) Found to be suffering from :				
(i) Respiratory Tuberculosis	8	3	—	11
(ii) Non-Respiratory Tuberculosis	4	1	—	5
(d) Still under observation but not diagnosed at 31/12/57	47	20	2	69
(e) Found with no evidence of active tuberculosis	571	379	6	956
Analysis of Non-Respiratory cases :				
(a) Spine	—	—	—	—
(b) Hip	—	—	—	—
(c) Knee	1	—	—	1
(d) Abdomen	1	—	—	1
(e) Glands	1	—	—	1
(f) Shoulder	—	—	—	—
(g) Other sites	1	1	—	2
Treatment :				
(a) Number treated in Sanatoria	4	35	—	39
(b) Number treated in Hospital	3	34	6	43
(c) Number treated in Surgical Hospital	4	3	—	7
(d) Number treated in Open-Air School	1	1	—	2

BCG Vaccination of Children of 13 years of age.—132 children were skin tested, 113 of whom were found to be negative and were vaccinated.

Child Guidance.—The Child Guidance Clinic established by the Cefncoed Hospital Management Committee continued to be held at the Brynmair Clinic, Llanelly. 31 new cases were referred to the Clinic by School Medical Officers and records are held of a further 16 cases referred by consultants and general medical practitioners.

REPORT OF THE PRINCIPAL DENTAL OFFICER

Reflecting on my first year as Principal Dental Officer, the main concern regarding the dental treatment of school children is that the number of full-time dental surgeons employed to provide a complete dental service is well below the estimated establishment and improvement in the future does not appear likely. The total dental man-power employed by the County consists of four full-time officers, two of whom are over the retiring age of 65 years, and two part-time officers one of whom is my predecessor. No response has been forthcoming to frequent advertisement.

Due to staff shortage, dental inspection and treatment is confined to the 5-11 year age group, although children attending Grammar, Secondary Modern and Technical Schools are always seen and treated when requested.

Facilities are also available in the County for expectant and nursing mothers and infants to obtain full dental treatment including the provision of dentures free of charge.

The majority of the primary schools were visited for dental inspection during the year and 18,757 children were examined. Of that total, 16,250 (86.63%) were found to require treatment. Consents to treatment were received in respect of 11,739, a percentage of 72.24, a quite satisfactory acceptance rate.

It is noted that there has been an increase in the percentage of children found to require treatment from 76.1% in 1950 to 86.6% in 1957.

799 treatment sessions were held at the three fixed clinics in the County and 882 sessions at schools. I would like to mention here that the facilities in some schools for carrying out dental treatment are far from ideal.

A summary of the work undertaken is as follows :—

Individual children treated	.....	.....	6137
Attendances for treatment	.....	.....	9114
Teeth extracted	.....	.....	5640
Teeth saved by filling	.....	.....	4555
Teeth received minor treatment	.....	.....	2105
Administrations of general anaesthetic	.....	.....	3063

More detailed figures will be found in Table V. 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.

Orthodontic treatment was undertaken for 26 new cases and 22 cases whose treatment had been commenced before 1957 attended for further treatment and review.

The following is a summary of the treatment undertaken :—

(a) Cases commenced during the year	.....	26
(b) Cases carried forward from previous year	.....	22
(c) Cases completed during the year	.....	14
(d) Cases discontinued during the year	.....	6
(e) Pupils treated with appliances	.....	33
(f) Removable appliances fitted	.....	35
(g) Fixed appliances fitted	.....	—
(h) Number of pupils supplied with artificial dentures	.....	14

I should like to record my sincere thanks to Mr. R. E. Rix, M.R.C.S., F.D.S., our Consultant Orthodontist, for all his assistance in connection with various difficult orthodontic cases.

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

Finally I wish to thank the Principal School Medical Officer, Medical and Dental Staff, Health Visitors and Nurses, and all Headteachers for their ready co-operation and assistance during 1957.

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 25,447 on a particular day, milk and meals were being supplied as follows :—

Milk .....	.....	.....	19,578 children (76.94 %).
Meals .....	.....	.....	16,474 children (64.74 %).

This compares with percentages of 81.39 and 72.12 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 .....	.....	.....	.....	166
Tuberculin Tested .....	.....	.....	.....	54
Raw .....	.....	.....	.....	3
Reconstituted Dried Milk .....	.....	.....	.....	2

Three rural schools were 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. 2,291 parents were present at the medical inspections during the year, equivalent to a percentage of 19.86. 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 and the partially deaf.

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

190 handicapped children in the County have been ascertained to require special educational treatment. 84 of these were on the 31st January, 1958, pupils at Residential Special Schools while 12 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.
Blind	5	—	—
Partially Blind	8	—	1
Deaf	13	—	2
Partially Deaf	2	—	—
Delicate	6	—	6
Physically Handicapped :			
(a) Heart	1	2	1
(b) Spastics	7*	3	7
(c) Others	2	6	4
Educationally Subnormal	38	1	82†
Maladjusted	2	—	4
Epileptics	—	—	—
Total	84	12	108

* 2 at Independent School.

† Includes 36 children recommended for admission to special classes at ordinary schools.

On the 31st January, 1958, there were 37 Carmarthenshire children (20 boys and 17 girls) at the Highmead Residential Special School for educationally subnormal children and there was a waiting list of 46 children. 19 of the latter were under 10 years of age and the parents of another four had refused permission for their children's admission.

In addition to the foregoing, 36 educationally subnormal children had been recommended admission to special classes in ordinary schools.

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	Five weekly
	Dental	As required
The Clinic, High Street, Amman- ford	Orthopaedic	Two weekly
	Asthma	One weekly
	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.
Temporary Clinics :		
Dynevour Church Hall, Llandeilo.....	Speech Therapy	One weekly
Penuel Chapel Vestry, Penuel Street, Carmarthen	Orthopaedic	Two weekly
Salem Chapel Vestry, New Road, Llandeilo	do.	Two fortnightly
The Reading Room and Institute, Llandovery	do.	do.
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.

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 Pupils Examined in each :

Entrants	2456
Leavers Primary School	2080
School Leavers	1320

Total	5856
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Additional Periodic Inspections	2290
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Grand Total	8146
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B.—OTHER INSPECTIONS

Number of Special Inspections	2232
Number of Re-Inspections	263

Total	2495
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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 IIIA. (3)	Total individual pupils. (4)
Entrants	41	523	533
Leavers, Primary School	181	174	339
School Leavers	111	68	168
Total.....	333	765	1040
Additional Periodic Inspections.....	182	258	412
Grand Total	515	1023	1452

D.—CLASSIFICATION OF THE PHYSICAL CONDITION OF PUPILS INSPECTED IN THE AGE GROUPS

Age Groups Inspected	Number of Pupils Inspected.	Satisfactory		Unsatisfactory	
		No.	% of Col. (2).	No.	% of Col. (2).
(1)	(2)	(3)	(4)	(5)	(6)
Entrants	2456	2454	99.92	2	0.08
Leavers—Primary School	2080	2080	100.00	—	—
School Leavers	1320	1320	100.00	—	—
Additional Periodic Inspections	2290	2287	99.87	3	0.13
Total	8146	8141	99.94	5	0.06

TABLE II.

INFESTATION WITH VERMIN

- (i) Total number of individual examinations of pupils in schools by the school nurses or other authorised persons 82963
- (ii) Total number of *individual* pupils found to be infested 470
- (iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944) 19
- (iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944) —

TABLE III.

RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR ENDED 31st DECEMBER, 1957

A.—PERIODIC INSPECTIONS

Defect Code No.	Defect or Disease. (2)	Periodic Inspections.				TOTAL (including all other age groups inspected)	
		Entrants.		Leavers.			
		Requiring Treatment. (3)	Requiring Observation. (4)	Requiring Treatment. (5)	Requiring Observation. (6)	Requiring Treatment. (7)	Requiring Observation. (8)
(1)							
4	Skin	8	36	4	13	25	99
5	Eyes—						
	(a) Vision	41	32	111	76	515	370
	(b) Squint	24	34	2	2	45	80
	(c) Other	9	17	—	2	28	38
6	Ears—						
	(a) Hearing	4	7	—	1	5	19
	(b) Otitis Media	7	21	2	12	13	58
	(c) Other	—	5	—	—	1	14
7	Nose and Throat	168	393	2	37	257	684
8	Speech	37	42	3	2	69	74
9	Lymphatic Glands	1	84	—	11	4	157
10	Heart	11	46	2	32	39	150
11	Lungs	75	97	7	31	140	261
12	Developmental						
	(a) Hernia	3	10	1	1	10	17
	(b) Other	1	30	—	1	17	153

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Defect Code No.	Defect or Disease. (2)	Periodic Inspections.					TOTAL (including all other age groups inspected)	
		Entrants.		Leavers.			Requiring Treatment. (7)	Requiring Observation. (8)
		Requiring Treatment. (3)	Requiring Observation. (4)	Requiring Treatment. (5)	Requiring Observation. (6)			
(1)								
13	Orthopaedic— (a) Posture (b) Feet (c) Other	7 169 60	4 81 37	8 33 7	11 19 9	25 326 100	30 168 97	
14	Nervous system— (a) Epilepsy (b) Other	— 1	6 8	— —	1 4	— 3	13 28	
15	Psychological— (a) Development (b) Stability	1 7	14 9	— —	2 1	4 10	33 23	
16	Abdomen	—	4	—	3	2	7	
17	Other	8	47	—	20	30	145	

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TABLE III. (Continued)

B.—SPECIAL INSPECTIONS

Defect Code No. (1)	Defect or Disease. (2)	Special Inspections.	
		Requiring Treatment. (3)	Requiring Observation. (4)
4	Skin	4	36
5	Eyes—		
	(a) Vision	171	335
	(b) Squint	14	36
	(c) Other	6	12
6	Ears—		
	(a) Hearing	17	18
	(b) Otitis Media	2	11
	(c) Other	2	4
7	Nose and Throat	54	205
8	Speech	41	50
9	Lymphatic Glands	—	26
10	Heart	11	57
11	Lungs	24	154
12	Developmental—		
	(a) Hernia	2	5
	(b) Other	9	34
13	Orthopaedic—		
	(a) Posture	5	4
	(b) Feet	84	40
	(c) Other	35	33
14	Nervous system—		
	(a) Epilepsy	1	6
	(b) Other	2	5
15	Psychological—		
	(a) Development	23	23
	(b) Stability	9	8
16	Abdomen	—	—
17	Other	8	60

TABLE IV.

**TREATMENT OF PUPILS ATTENDING MAINTAINED PRIMARY
AND SECONDARY SCHOOLS (INCLUDING SPECIAL SCHOOLS)**
GROUP 1.—EYE DISEASES, DEFECTIVE VISION AND
SQUINT

	Number of cases known to have been dealt with	
	By the Authority.	Otherwise.
External and other, excluding errors of refraction and squint	—	224
Errors of Refraction (including squint)	—	1277
Total	—	1501
Number of pupils for whom spectacles were prescribed	—	621

GROUP 2.—DISEASES AND DEFECTS OF EAR, NOSE AND
THROAT

	Number of cases known to have been treated	
	By the Authority.	Otherwise.
Received operative treatment		
(a) for diseases of the ear	—	135
(b) for adenoids and chronic tonsillitis	—	490
(c) for other nose and throat conditions.....	—	84
Received other forms of treatment	—	62
Total	—	771
Total number of pupils in schools who are known to have been provided with hearing aids :		
(a) in 1957	—	3
(b) in previous years	—	3

GROUP 3.—ORTHOPAEDIC AND POSTURAL DEFECTS

	By the Authority.	Otherwise.
Number of pupils known to have been treated at clinics or out-patient departments	1749	188

GROUP 4.—DISEASES OF THE SKIN (excluding uncleanness, for which see Table II.)

	Number of cases treated or under treatment during the year by the Authority
Ringworm : (i) Scalp	—
(ii) Body	6
Scabies	—
Impetigo	43
Other skin diseases	73
Total	122

GROUP 5.—CHILD GUIDANCE TREATMENT

Number of pupils treated at Child Guidance Clinics under arrangements made by the Authority	—
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GROUP 6.—SPEECH THERAPY

Number of pupils treated by Speech Therapists under arrangements made by the Authority	174
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TABLE V.

(1) Number of pupils inspected by the Authority's Dental Officers :—

(a)	At Periodic Inspection	18050
(b)	As Specials.....	.....	.....	.....	707
					<hr/>
	Total (1)	.....	.....	.....	18757
					<hr/>
(2)	Number found to require treatment	.....	.....	.....	16250
(3)	Number offered treatment	.....	.....	.....	16250
(4)	Number actually treated	.....	.....	.....	6137
(5)	Number of attendances made by pupils for treatment, <i>including</i> those recorded at heading 11(h)	.....	.....	.....	9114
					<hr/>
(6)	Half-days devoted to : Periodic (School) Inspection	.....	.....	.....	292
	Treatment	.....	.....	.....	1681
					<hr/>
	Total (6)	.....	.....	.....	1973

(7) Fillings :	Permanent Teeth	.....	.....	.....	5116
	Temporary Teeth	.....	.....	.....	646
Total (7)					5762
(8) Number of Teeth filled :	Permanent Teeth	.....	.....	.....	3991
	Temporary Teeth	.....	.....	.....	564
Total (8)					4555
(9) Extractions :	Permanent Teeth	.....	.....	.....	754
	Temporary Teeth	.....	.....	.....	4886
Total (9)					5640
(10) Administration of general anaesthetics for extraction					3063
(11) Orthodontics :					
(a)	Cases commenced during the year	.....	.....	.....	26
(b)	Cases carried forward from previous year	.....	.....	.....	22
(c)	Cases completed during the year	.....	.....	.....	14
(d)	Cases discontinued during the year	.....	.....	.....	6
(e)	Pupils treated with appliances	.....	.....	.....	33
(f)	Removable appliances fitted	.....	.....	.....	35
(g)	Fixed appliances fitted	.....	.....	.....	—
(h)	Total attendances	.....	.....	.....	293
(12) Number of pupils supplied with artificial dentures					14
(13) Other operations :					
	Permanent teeth	.....	.....	.....	1299
	Temporary teeth	.....	.....	.....	806
Total (13)					2105

(7) Fillings : Permanent Teeth		5116
Temporary Teeth		616
Total (7)		5732
(8) Number of Teeth filled : Permanent Teeth		3991
Temporary Teeth		581
Total (8)		4572
(9) Extractions : Permanent Teeth		751
Temporary Teeth		4898
Total (9)		5649
(10) Administration of General Anesthetics for extraction		3083
(11) Orthodontics :		
(a) Cases commenced during the year	26	1
(b) Cases carried forward from previous year	22	3
(c) Cases completed during the year	14	4
(d) Cases discontinued during the year	6	5
(e) Pupils treated with appliances	33	5
(f) Removable appliances fitted	32	
(g) Fixed appliances fitted		
(h) Total attendances - V. S. S. S. S.	293	
(12) Removable appliances supplied with artificial teeth		
(13) Other operations :		
Permanent teeth		1299
Temporary teeth		806
Total (13)		2105
(1) Total		187
(2) Number issued to pupils for treatment		187
(3) Number of pupils treated		187
(4) Number of pupils treated		187
(5) Number of pupils treated		187
(6) Half-days devoted to Periodic (School) Inspection		187
Total (6)		187