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West Sussex County Council



EDUCATION COMMITTEE



REPORT

OF THE

PRINCIPAL

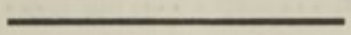
SCHOOL MEDICAL OFFICER

FOR THE YEAR ENDED

31st DECEMBER 1956



West Sussex County Council



EDUCATION COMMITTEE



REPORT

OF THE

PRINCIPAL

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Annual Report of the Principal School Medical Officer
for the year 1956.

INTRODUCTION

To the Chairman and Members of the Education Committee.

I herewith submit my report on the work of the School Health Service for the year 1956. This includes the statistical information required by the Ministry of Education, and which is shown in Tables I - IV at the end of the report.

It will be noted that once again the classification of children's physical condition has been altered by the Ministry. It used to be, under "General Condition" "Excellent" "Good" "Fair" and "Bad", then "Good" "Fair" and "Poor". Now, since January, 1956, under the heading "Physical Condition", the categories are "Satisfactory" and "Unsatisfactory". By reducing the categories to two, the Ministry have pin-pointed the necessity of investigating every child whose condition is considered unsatisfactory, so that he can be made as fit as possible. It will be noted by reference to Table I(d) (page 16) that 81 children were placed in the unsatisfactory category last year, representing 0.67% of the total number examined at routine medical inspections.

In December, 1956 Wedges Camp School was closed. The Camp Corporation, which provided the accommodation and managed the commissariat side of the School, gave up business, and all authorities using such Camps were given the opportunity of taking the buildings over, at valuation. After consideration of all aspects, the Committee decided that the Camp School had served its purpose, and that they would not be justified in taking it over for the sake of the few children who would benefit nowadays from a stay there. As the Committee will remember, Wedges Camp School was set up shortly after the end of the War, to build up children whose general condition was below par, but not to such an extent as to qualify them for admission, for a long period, to a residential school for delicate children. There is no doubt that Wedges School served a very useful purpose, not only in improving children's general condition and physique, but in bringing out, perhaps unsuspected, qualities which had tended to be hidden in the less communal life of a day school.

At the beginning of the year the Ministry of Health's poliomyelitis vaccination scheme was introduced to local health authorities. The offer of vaccination was made available to all children between 2 and 9 years of age. Although the Health Committee are responsible for the carrying out of the scheme, the school medical service is, of course, heavily involved. The time given us to organise the distribution of vaccine and the inoculation was all too short, and in view of the intensive and detailed work involved, it was unfortunate that, owing to the stringent nature of the tests required by the Government, it was possible for them to start issuing vaccine only in May. A limited number of children only, therefore, could be dealt with before the end of June, when the so-called poliomyelitis epidemic season started, and when no injections were given. This lasted until the end of November.

By the end of the year, 904 school-children had had completed injections, and 96 had one injection. Some of these went to private schools.

Another protective inoculation scheme which was started in 1956 was that against tuberculosis - by B.C.G. (Bacillus Calmette Guerin). This was done in conjunction with visits of the mass-radiography units, from Portsmouth and Redhill to various parts of the County. Although the aim is to protect children who are soon due to leave school and whose skin reactions show they have not already been infected by tuberculosis, we also try to follow-up those whose skin reactions are positive, thus showing past infection, to make sure that the disease is inactive. An attempt is also made to discover if there is any source of infection in their homes, by means of X-ray. For further details see page 11.

The report of the Organisers of Physical Education is given at the end of the report, as requested by the Ministry of Education.

My thanks are due to all members of the Committee, Teaching Staffs of Schools, Medical, Dental and Nursing Staffs, and all those who have taken part in one way or another in our schemes, for the co-operation and support given me during 1956. Also to the Medical Practitioners and the various Hospital Staffs for their help and co-operation. I wish also to express my thanks to the members of the School Health Service Department for their loyal and whole-hearted help.

J.S. BRADSHAW.

Principal School Medical Officer.

WEST SUSSEX COUNTY COUNCIL

School Health Service - 1956.

STATISTICS

The estimated population mid-1956 was 358,700 of whom 23,000 were under 5 years of age, and 55,000 were aged 5 to 14 years.

Including the Borough of Worthing, there were in 1956, 213 schools in the County, of these 4 were nursery, 172 primary, 1 technical, 25 secondary modern, 9 secondary grammar and 2 special schools (Cooper's and Wedges Camp Schools). The average number on roll was 48,415.

STAFF

There were various changes in the staff during the year.

School Dental Service - Mr.H.S.Johnson, Crawley area, resigned on 17th March, 1956 and was succeeded by Mr.G.Hellings, who was transferred to the Petworth area on the appointment of Mrs.N.A.Molloy to the Crawley area on 10th September, 1956. Mr.Hellings resigned on 29th December,1956.

Child Guidance Service - Miss R.Oppenheimer and Miss A.M.Weil, Child Therapists, Worthing resigned on the 20th March and 3rd August respectively. Miss A.Schnurmann Child Therapist, Chichester, resigned on 13th July. Miss A.Bene, Child Therapist resigned her Worthing sessions on 31st August, but continued two sessions per week at Horsham. Miss N.K.Runnybun, Psychiatric Social Worker, was appointed to fill the vacancy at the Horsham Child Guidance Clinic on 1st May and Mr.V.W.J.Robinson was appointed to the Worthing Clinic on the 6th November.

School Eye Service - Dr.Nankivell was obliged to relinquish his temporary help at the Horsham Eye Clinic at the end of January. Dr.Pittman agreed to undertake the work on Saturday mornings as from 21st April.

CO-ORDINATION WITH OTHER HEALTH SERVICES

As mentioned in previous reports, there is close co-ordination with the health services of the County Health Committee in such matters as the examination of defective vision, treatment of diseases of the ear, nose and throat, orthopaedic treatment, orthoptic treatment for squint and speech therapy for children under school age. In eleven instances the same buildings are used in common as clinic premises. The fact that the same nurse as a rule acts as Health Visitor and School Nurse simplifies home supervision.

Health Visiting and infant welfare centre records of all children, when they reach school age, are attached to the School Medical record card, for the benefit of the School Medical Officer.

SCHOOL HYGIENE

During the year representations were made to the Director of Education in respect of defects relating to lavatory accommodation (20), washing facilities (19), heating (11), sanitation (5) lighting (5) playground surfaces (3) and water supply (2). The Borough School Medical Officer, Worthing, made representations to the Borough Education Officer in respect of defects relating to sanitation (1).

MEDICAL INSPECTION

Three routine medical inspections are prescribed by the Ministry of Education but discretion as to the ages to be inspected is left to the Authority. In West Sussex a child is examined as an entrant (5 - 7 years), at 10-11 and 14 years of age. Also, children remaining at a Secondary Grammar School until a later age have an additional inspection, or if they are there until the age of 18, two additional inspections. With a few exceptions, the same Medical Officer inspects the same schools, each year.

As far as possible two visits are paid in the year to each school to complete the routine inspections, the examination of special cases, and the re-examination of pupils previously found or suspected to have some defect.

In the case of the older schools it has been necessary, in eight instances, as before, to use premises other than schools for medical inspections.

In Tables I (a) and I (b) (Page 15) are given the number of routine medical examinations in the various age groups, the special examinations and re-examinations. The examination of handicapped pupils is not included in these figures. Table I (c) shows the number of pupils found at the periodic medical inspection to require treatment; the percentage of pupils requiring treatment being 8.4 compared with 8.5 in 1955, 9.6 in 1954, 9.4 in 1953, 9.7 in 1952 and 10.5 in 1951.

As mentioned in the introduction, Table I (d) (Page 16) has once more been amended by the Ministry of Education to show the physical condition of the child instead of, as previously, the general condition. On referring to Table A below, it will be seen that in 99.33% of the children their physical condition was satisfactory.

The general condition for the years 1947-1955 is also given.

Table A

Year	A (Good)	B (Fair)	C (Poor)
1947	19.87	68.73	11.40
1948	21.60	69.15	9.24
1949	24.13	68.69	7.17
1950	27.54	67.81	4.65
1951	35.33	61.42	3.24
1952	41.83	55.34	2.82
1953	46.25	52.12	1.63
1954	47.40	51.35	1.24
1955	52.57	46.61	0.82
	Satisfactory		Unsatisfactory
1956	99.33		0.67

INFECTIOUS DISEASES

(a) Infantile Paralysis

During the year 11 cases among school children were notified. All were admitted to Infectious Diseases or General Hospitals, four being of the non-paralytic type. Of the remaining seven cases at the end of the year, one had made a complete recovery, one had slight weakness of leg, two had some residual paralysis and four were in hospital. Of the four in hospital at the end of the year, three have since been discharged, one with slight weakness of neck muscles, no treatment now required, one with moderate residual paralysis of leg, one with paralysis of lower limbs and the fourth case is still in hospital.

(b) Sonne Dysentery, Gastro Enteritis and Winter Vomiting

A few cases of Sonne Dysentery in school children occurred during the year. Four in a Horshém school in the spring, - it is known a number of other children had had Diarrhoea and Sickness. Towards the end of the year, three cases were notified in a Bognor Regis school.

In May there was a small outbreak of Gastro Enteritis at one of the Horsham schools. Between 10 and 20 children and one member of the staff showing symptoms.

In November there was an outbreak of "Winter Vomiting" at a Horsham School and about 60 were affected. There were also a few cases at two other schools in Horsham. All the children recovered within 36 hours.

(c) General

No Schools were closed on account of Infectious Diseases. Though there were a number of outbreaks, few were of a serious nature, Measles accounting for 17 outbreaks, chickenpox 10, mumps 8, influenza 4 and whooping cough 3. In addition there was the odd case at a number of schools.

DIPHTHERIA IMMUNISATION

During 1956 a total of 4,168 children were immunised against diphtheria; of these 3,653 were under school age. In addition, 3,643 received a "boosting" dose. The following Table which was introduced by the Ministry of Health in 1953 shows that 60,083 children still under 15 years of age have been immunised against diphtheria. Of these 13,082 were under the age of 5 years. In considering the figures it should be borne in mind that under the Council's scheme immunisation of children commences at one year of age, this will of course account for the low percentage (7.65) immunised under one year of age.

Table B

Immunisation in Relation to Child Population

Number of Children at 31st December, 1956 who had completed a course of Immunisation at any time before that date.					
Age at 31.12.56 i.e. born in year ..	Under 1 1956	1-4 1952-1955	5-9 1947-1951	10-14 1942-1946	Under 15 Total
Last complete course of injections (pri- mary or booster)					
A.1952-1956 ..	371	12711	17272	7501	37855
B.1951 or earlier ..	-	-	8424	13804	22228
C.Est.mid-year child population	4850	18150	55000		78000
Immunity index 100A/C	7.65	70.03	45.04		48.53

MEDICAL TREATMENT

Minor Ailments

The following Table shows the Clinics held and the number of children attending thereat:-

Table C

Clinic	No. of children treated	No. of attendances
Bognor Regis	290	658
Chichester	147	392
Horsham ..	63	103
Lancing ..	17	37
Littlehampton	184	557
Shoreham..	35	101
Worthing..	383	1273
TOTAL ..	1119	3121

The figures of 1119 and 3121, compare with 1633 children who made 6115 attendances in 1955. Apart from clinic treatment, it will be appreciated that in addition, a number of children were treated in the schools by the nurses. For further information as to defects treated, Table IV Groups 4 & 7 (page 20) should be consulted.

Diseases and Defects of the Ear, Nose and Throat

With reference to Table IV, Group 2 (page 19), it will be noted that 24 children received operative treatment compared with 26 in 1955 and 140 in 1954. The 24 cases were in respect of adenoids and chronic tonsillitis, a decrease of one compared with the previous year. It should be mentioned that no child is referred for operative treatment, unless absolutely necessary, the emphasis being on conservative treatment. The majority of cases have been kept under observation for a period before being referred for operative treatment.

With regard to diseases of the ear, 20 cases were referred to Consultants at the various hospitals serving the county.

Deaf and Partially Deaf Children

Cases requiring investigation are referred to the Audiology Unit of the Royal National Throat Nose & Ear Hospital, London. During the year three cases were referred. In addition four cases were referred to me by the Audiology Unit and five cases by the E.N.T. Departments of other hospitals.

Of these 12 cases 5 were found not to require any treatment at present. 3 were to attend ordinary school wearing hearing aids, 1 to attend a Special School wearing a hearing aid, and two to attend a special school, whilst one was considered to be ineducable.

Hearing Aids

25 children attending our schools are wearing Hearing Aids, five having been provided during 1956.

Defective Vision and Squint

The examination of eye cases is carried out at 11 centres, those at Bognor Regis, Chichester, Lancing, Shoreham and Worthing Clinics being carried out under arrangements with the Regional Hospital Board.

In Table IV, Group 1 (page 19), it will be seen that 2,510 cases were examined in 1956. This compares with 2,766 in 1955. Forty-six cases were recommended and received operative treatment for squint.

Orthoptic treatment was continued at the Chichester, Horsham and Worthing Clinics. During the year 364 school children received treatment from the Orthoptists. In addition, a number of children under school age also received treatment. During treatment by the Orthoptist the case remains under the supervision of the Ophthalmic Surgeon, who accepts full responsibility during the whole of the orthoptic treatment.

Supply of Spectacles

During the year 1,533 children had spectacles prescribed.

Crippling Defects and Orthopaedics

The following Tables show the number of Clinics held, the number of cases and the conditions seen by Mr. Cholmeley, Orthopaedic Surgeon.

From the following Table it will be seen that during the year 55 clinic sessions were held at which 537 children, including 176 under school age made 964 attendances.

Table D

Clinic	No. of Sessions	No. of Cases seen			Total Attendances
		New	Old	Total	
Chichester	16	84(37)	84(21)	168(58)	287(92)
Horsham	14	61(24)	75(15)	136(39)	240(66)
Lancing	7	24(12)	48(15)	72(27)	129(45)
Littlehampton ..	7	21(13)	38(8)	59(21)	121(40)
Worthing Borough..	11	54(21)	48(10)	102(31)	187(57)
Total	55	244(107)	293(69)	537(176)	964(300)

(Figures in brackets refer to children under school age and are included in the figures).

The following Table shows the types of cases seen by the Orthopaedic Surgeon during the year. The numbers include children under school age - shown in brackets.

Table E

DIAGNOSIS	No. of		TOTAL
	BOYS	GIRLS	
<u>Congenital Defects:</u>			
Club Foot	15(5)	7(2)	22(7)
Dislocation of Hip ..	-(-)	7(5)	7(5)
Spastic Paralysis ..	25(9)	20(4)	45(13)
Spina Bifida	2(1)	5(2)	7(3)
Other conditions ..	49(21)	29(16)	78(37)
<u>Birth Injuries:</u>			
Torticollis	6(5)	2(1)	8(6)
Other conditions ..	-(-)	1(-)	1(-)
<u>Rickety Deformities:</u>			
Bow Legs	3(3)	6(6)	9(9)
Knock Knees	3(3)	1(-)	4(3)
Other conditions ..	-(-)	-(-)	-(-)

Table E (Contd.)

DIAGNOSIS	No. of		TOTAL
	BOYS	GIRLS	
Knock Knees (Non-Rickety)	31(25)	26(17)	57(42)
Postural Defects of the Spine ..	7(-)	18(-)	25(-)
Structural Curvature of the Spine	7(1)	2(-)	9(1)
Flat Feet, etc.	75(29)	56(12)	131(41)
Infantile Paralysis	37(9)	25(3)	62(12)
Sequelae of Acute Fevers:			
Encephalitis Lethargica	-(-)	1(1)	1(1)
Freidrich's Ataxia	1(-)	-(-)	1(-)
Fractures	4(1)	7(1)	11(2)
Tuberculous Joints	1(-)	1(-)	2(-)
Other Bone Diseases (Non- Tubercular):			
Perthe's Disease	5(-)	1(-)	6(-)
Apophysitis of the Os Calcis etc.	11(2)	2(-)	13(2)
Osteochondritis	1(-)	1(-)	2(-)
Epiphysitis of Spine	-(-)	1(-)	1(-)
Schlatter's Disease	2(-)	-(-)	2(-)
Osteomyelitis	1(-)	-(-)	1(-)
Pseudo-Hypertrophic Muscular Dystrophy	1(-)	-(-)	1(-)
Other Conditions	8(3)	10(6)	18(9)
TOTAL	295(117)	229(76)	524(193)

Thirty cases received in-patient treatment during the year. 29 were discharged, leaving one case under treatment at the 31st December, 1956.

In addition seventeen children under school age received treatment during the year. Thirteen were discharged, leaving 4 still receiving treatment at the 31st December, 1956.

During the year, special boots and appliances were supplied under our scheme, through the National Health Service, to 48 cases, including five children under school age.

Ninety-seven cases were X-rayed during the year, including 17 children under school age.

The following statement shows the cases treated by the Physiotherapists under the instructions of the Orthopaedic Surgeon. They hold clinics at the various health centres, and visit children in their homes, when necessary.

No. of Cases Treated			Total Attendances
Old	New	Total	
246(57)	298(92)	544(149)	4408(909)

(Figures in brackets refer to children under school age, and are included in the total figures).

Mrs. Nettles, the Physiotherapist for the north eastern half of the County, regularly visited Wedges Camp School for the purpose of supervising and giving instructions in exercises for special cases, including asthma.

Scabies

Twenty-two cases of scabies were under treatment during the year. In 1955 there were only five cases.

Child Guidance Clinics

During the year 343 cases were referred to the Child Guidance Clinics for investigation. In addition, 51 were awaiting investigation on the 1st January, 1956.

Sixty-seven cases were withdrawn before investigation and 297 were fully investigated, leaving 57 awaiting investigation at 31st December, 1956. Of the 297 fully investigated 274 were found to be maladjusted. A total of 110 cases were treated during the year.

The following Table gives an analysis of the method of referral, results of investigation, numbers treated, and results of treatment etc.

Table F

	Attending School	Not Attending School		TOTAL
		Under 5	Over 5	
<u>Methods of Referral:-</u>				
Referred through County and School Medical Officer	151	12	5	168
Referred by Courts and Probation Officers	23	1	5	29
Parents and others	42	7	-	49
Hospitals.. .. .	9	4	-	13
Social Agencies	4	-	-	4
Private Doctors	51	14	9	74
Private Schools etc.	4	-	-	4
Other Child Guidance Clinics ..	2	-	-	2
Brought forward from previous year (awaiting investigation on January 1st)	43	6	2	51
TOTAL	329	44	21	394

Table F (Contd.)

	Attending School	Not Attending School		TOTAL
		Under 5	Over 5	
<u>Results of Investigation:-</u>				
Fully investigated during year and found to be:-				
Maladjusted	199	31	17	247
Ineducable	-	1	1	2
Educationally sub-normal	18	2	1	21
Normal	-	-	-	-
Awaiting investigation at Dec. 31st	51	6	-	57
Withdrawn before investigation	61	4	2	67
TOTAL	329	44	21	394
<u>No Treatment Recommended:-</u> (Diagnostic Cases)				
	117	21	12	150
<u>Cases Recommended for Treatment:-</u>				
Under Treatment on January 1st	47	2	-	49
Fully investigated 1955 but treatment not commenced until 1956	12	1	1	14
Recommended for treatment during year and treatment commenced	37	7	3	47
Recommended for treatment but treatment not commenced at Dec. 31st	23	1	3	27
Treatment recommended but subsequently not required..	5	-	-	5
Treatment recommended but not carried out for reasons unconnected with the Clinic	16	2	-	18
<u>Results of Treatment:-</u>				
Treated during year and closed "satisfactory"	20	1	-	21
Treated but closed "Unsatisfactory"	4	-	1	5
Closed "inconclusive"	26	1	1	28
Still under treatment at December 31st	46	8	2	56
TOTAL	96	10	4	110
<u>Recommendations as to Special Schools and Hostels:-</u>				
Maladjusted children recommended during year for:-				
Special Schools for Maladjusted	15	-	-	15
Boarding Schools	5	-	-	5
Boarding Homes	6	-	1	7
Foster Homes	-	-	-	-

Table F (Contd.)

	Attending School	Not Attending School		TOTAL
		Under 5	Over 5	
<u>Attendances and Visits:-</u>				
Total No. of clinic attendances made during year	3504	210	112	3826
Total No. of domiciliary visits made during year	93	7	4	104

HANDICAPPED PUPILS REQUIRING EDUCATION AT
SPECIAL SCHOOLS OR BOARDING IN BOARDING HOMES

The following is a summary of the return on Form 21M submitted to the Ministry of Education at the end of the year 1956, as to the position in regard to handicapped pupils requiring education at Special Schools etc.

Table G

	(1) Blind (2) Part- ially Sighted.		(3) Deaf (4) Part- ially Deaf		(5) Delicate (6) Physi- cally Handi- capped		(7) Educa- tionally sub- normal (8) Mal- adjusted.		(9) Epi- leptic	Total 1-9
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
No. admitted to Special Schools or Boarding Homes during the year.	-	2	2	1	10	1	24	7	-	47
No. assessed as requiring special educational treatment in Special Schools or Boarding Homes, during the year.	1	4	1	3	13	8	71	23	1	125
Total attending										
(I) Special Schools as										
(a) Day Pupils	-	-	-	-	-	-	1	-	-	1
(b) Boarding Pupils	8	15	17	5	14	7	106	9	4	185
(II) Attending Independent schools	-	-	12	4	-	2	5	37	-	60
(III) Boarded in Homes	-	-	-	-	1	-	-	13	-	14
TOTAL	8	15	29	9	15	9	112	59	4	260
No. of Handicapped Pupils being educated.										
(I) In hospitals	-	-	-	-	4	-	-	-	-	4
(II) At home	-	-	-	1	6	11	4	1	2	25

Table G (Contd.)

	(1)Blind (2)Part- ially Sighted.		(3)Deaf (4)Part- ially Deaf		(5)Delicate (6)Physi- cally Handi- capped		(7)Educa- tionally sub- normal (8)Mal- adjusted		(9) Epi- leptic	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
No. requiring places in Special Schools.										1-9
(a) Day	-	-	-	-	-	-	121	1	-	122
(b) Boarding	3	2	-	2	4	5	113	10	-	139

Also the parents of 30 Educationally Sub-normal children and one delicate child had not consented to their admission to a Residential Special School.

No. of children reported during the year

(a) under Section 57(3)	..	..	14
(b) under Section 57(5)	..	..	25

of the Education Act, 1944.

Cooper's Special School

This School was opened in May, 1952, to accommodate 120 educationally sub-normal children requiring special education in a residential school. The Essex County Council have a number of places reserved for children from their area. During the year, 26 cases were admitted and 26 discharged. This includes two cases admitted and six cases discharged belonging to other Authorities.

All children are examined by the Area School Medical Officer on admission and thereafter annually. The Medical Officer also visits the school fortnightly and the children are all on the "panel" of one of the General Practitioners under the National Health Service Act.

Speech Therapy

The Speech Therapist reports that during the year clinics were held at Bognor, Chichester, Horsham, Littlehampton, Shoreham, Steyning and Worthing.

All cases referred to the Speech Clinic are assessed by the Speech Therapist to decide any necessary treatment and the urgency of the case.

The following Table shows the number of Clinics held and cases treated, and the attendance at the various clinics:-

Table H

Clinic	No. of Sessions	No. of Children treated			Total Atten- dances
		New	Old	Total	
Bognor Regis	35	8(1)	7(-)	15(1)	144(2)
Chichester	82	20(3)	12(-)	32(3)	371(4)
Horsham	82	19(3)	11(1)	30(4)	369(16)
Littlehampton	39	8(-)	7(-)	15(-)	202(-)
Shoreham	55	8(2)	7(-)	15(2)	220(2)
Steyning	3	-(-)	1(-)	1(-)	3(-)
Worthing	101	23(2)	10(3)	33(5)	416(36)
TOTAL	397	86(11)	55(4)	141(15)	1725(60)

(Figures in brackets refer to children under school age and are included in the totals).

The Shoreham and Steyning clinics were held at the Victoria Road Infants' School and the Steyning C.E.School respectively - a more convenient arrangement for the children concerned than travelling to and from the Shoreham Health Centre. Allowing for variations according to defect the children attend weekly in small groups for treatment varying from a few weeks to a year or more. It is helpful for the children to attend the clinic as soon as any defect is found, even though a definite course of treatment is seldom practicable until five years of age.

The parents of all the children, who usually attend unaccompanied, are expected to visit the clinic at regular intervals to discuss progress. A regular correspondence is maintained by the Speech Therapist with the Head Teacher of the schools concerned.

In addition to treating children the Speech Therapist gave 308 interviews to children under observation or for follow-up after a regular period of treatment. Ninety-four children were given a final discharge. The Speech Therapist also paid 29 visits to schools and 13 to the homes of patients.

B.C.G.Vaccination of School Children and Mass Radiography

The County Health Committee, with the approval of the Education Committee, started their B.C.G.vaccination scheme in 1956. Vaccination, and, if necessary, Mass X-ray was offered to the parents of all children aged 13+ attending our schools. Before the actual vaccination is undertaken, a preliminary tuberculin skin test is carried out. Where the skin test is negative, showing that no natural protection against tuberculosis has been built up, the child is vaccinated with B.C.G. Where the result is positive, thus showing signs of past infection which should protect the child from future infection, Mass X-ray is offered to make sure no active disease existed. B.C.G.vaccination was carried out at 14 Secondary Schools and the following Table shows the numbers investigated during the year.

No. Skin Test	No. Positive & %	No. Negative	No. Vaccinated	No. X-rayed
2444	489 20.16%	1936	1871	417

Of the children X-rayed, two were referred to the Chest Physician and found to have active pulmonary tuberculosis and one was referred to the Chest Physician for observation.

In an endeavour to find the source of the infection, arrangements were made for the Health Visitors to visit the families of those found positive, with a view to persuading them to attend the Mass X-ray Unit. Though the actual figures of attendance at the Mass X-ray of members of families are not available, from the reports received, the response was satisfactory.

B.C.G. vaccination and Mass X-ray continued into 1957.

MEDICAL EXAMINATION OF ENTRANTS TO COURSES OF TRAINING FOR TEACHERS AND THE TEACHING PROFESSION

During the year a total of 92 candidates for admission to Training Colleges were examined. A chest X-ray is not usually a requirement as part of the examination, but where there is any history of a suspicious kind, the case is referred to the Chest Physician concerned. One or two Training Colleges ask for a chest X-ray as part of their own admission regulations and in such cases arrangements are made for chest X-rays to be carried out.

Seven new entrants to the teaching profession were examined by the Medical Staff of the School Health Service. These candidates had chest X-rays as required by the Ministry of Education. In addition 11 teachers were examined, and had chest X-rays, for other Authorities.

Teachers appointed to this Authority are not required to undergo a medical examination, but if the Director of Education has any reason to doubt the fitness of an applicant, the previous medical history is obtained and if thought necessary a medical examination, including X-ray, is carried out before the appointment is confirmed. In this respect one teacher was accepted during the year by the Director of Education.

Nutrition Cases

During the year 232 children were found, either at routine medical inspection or at clinics, to be of sub-normal nutrition; of these 170 were new cases. All were recommended for vitamin supplements. In 1955 the number was 506 and in 1954, 712.

Mid-day Meals in Schools

By the end of 1956 there were in operation in the County three Central Kitchens and 155 School Canteens. No school was without a School Meals Service.

Children and Young Persons Act, 1933

243 cases were examined during the year, the majority being dealt with under Section 35, which requires a medical report in all cases to be brought before the Juvenile Court. In addition 6 children were examined under Section 52, in connection with their appearances in public entertainments.

Provision of Milk for School Children

One-third pint of milk under the Milk-in-Schools Scheme is provided free of charge to all pupils attending school. At the end of 1956, all schools were being supplied with Tuberculin tested or pasteurised milk.

School Nurses

The arrangements remain the same as in previous years. The Health Visitors/School Nurses attend and assist at Medical Inspections, Clinics, Diphtheria Immunisation and Poliomyelitis Vaccination sessions, in addition to following up children at home and making special visits to schools.

Infestation by Lice

On referring to Table II (page 16), it will be seen that a total of 82,236 examinations in schools were made by the School Nurses. Of the total number of individual children inspected, 206 had nits or vermin in their hair. The figures for 1955 were 90,050 and 257, and for 1954, 103,439 and 337 respectively.

Dental

Table V (page 21) gives particulars of the work of the School Dentists. I am indebted to Mr. J. S. Dick, the Acting Principal School Dental Officer, for the following report on the School Dental Service:-

"The work of the School Dental Service in the county has continued satisfactorily during the year, in spite of staff difficulties - the most serious of which was the re-organisation necessary, when my colleague Mr. H. D. Hall, Principal School Dental Officer was taken ill early in July and was still on sick leave at the end of the year. The co-operation of the other members of the dental staff was such that the service suffered to very little extent. I am very grateful to them all, including the County Hall staff, for their support and help during this difficult period.

The total number of working sessions for the year 1956 was 439 less than in 1955, and this number would be approximately equivalent to the work of one Dental Officer for the year. The staff difficulties amounted, therefore, to one Dental Officer less for the year, resulting in slightly lower total figures than in previous years.

Almost all schools in the County received dental inspection and altogether over 46,000 children were inspected of which rather more than half the number was found to require treatment. Of these, just over 11,500 received complete dental treatment.

At all dental inspections during the year, it was found that of those children not in need of treatment about half the number had received treatment from a private dental practitioner. This is not, of course, detrimental to the children, except that they lose more lesson time by attending the private Dentist during school hours. The preference for treatment at a private dental surgery is difficult to understand, but it might be suggested that the more elaborate equipment displayed is an attraction. A constant endeavour is made to keep our own equipment up to date, but that which has to be transported for use at temporary Clinics must necessarily be of a more simple construction and lighter in weight. This equipment, however, is no less efficient and a very high standard of work is maintained.

The Report this year includes, at the request of the Ministry of Education, details of orthodontic treatment. It will be seen that the treatment for 92 children was completed, and that 196 children were being treated with appliances. Altogether, 1,372 attendances were made for this type of treatment.

The co-operation and help of the Head Teachers and Medical Staff are much appreciated by me and also my colleagues."

I give below a list of the School Clinics held in the County:

Clinic Address	Type of Clinic Held				Others
	Dental	Refraction	Orthopaedic	Speech Therapy	
HEALTH CLINICS					
Bomber Road Westcliffs Lane	As required	Weekly	-	Weekly	Minor ailment Medical Officer: Weekly. Physiotherapy 2 sessions per week.
Chichester Chapel Street	Daily	Weekly	Approximately every 6 weeks	2 Sessions per week	Minor ailment Medical Officer: Fortnightly. Physiotherapy 3 Sessions per week. Orthotic 4 Sessions per week. E.N.T. As required.
Horsham Burst Road	As required	Weekly	Approximately every 2 months	2 Sessions per week	Minor ailment Medical Officer: Monthly. Physiotherapy 2 Sessions per week. Orthotic 3 Sessions per week.
Lancing Irene Avenue	As required	As required	Approximately every 2 months	As required	Minor ailment Medical Officer: As required. Physiotherapy 2 Sessions per week.
Mitchampton Mingrove Road.	As required	As required	Approximately every 2 months	Weekly	Minor ailment Medical Officer: Weekly. Physiotherapy 3 Sessions per week.
Shoreham Middle Road	As required	Weekly	-	Weekly	Minor ailment Medical Officer: As required. Physiotherapy 2 Sessions per week.
Worthing Stoke Abbott Rd.	Daily	Weekly	Monthly	2 Sessions per week	Minor ailment Medical Officer: Twice weekly. Physiotherapy 5 Sessions per week. Orthotic 4 Sessions per week. E.N.T. Fortnightly or as required. Dental 2 Sessions per week.
CLINICS					
Arundel Watcress St.	As required	As required	-	-	Minor ailment Medical Officer: Monthly. Physiotherapy 1 Session per week.
Cruxley Langley Green.	As required	-	-	As required	Physiotherapy 1 Session per fortnight.
Petersham High Street.	As required	-	-	As required	Minor ailment Medical Officer: As required.
Salzer Infants' School	As required	-	-	-	
Shoreham Infants' School	As required	-	-	-	

In addition - Refraction Clinics are held as required at Cruxley - Dr. Rendell's Surgery; Horsham - Monthly - Mr. Pitten's Consulting Rooms, Church Hill and Worthing - Dr. S.F. Wallis' Consulting Room, 18 The Steyne, fortnightly as required.
Speech Therapy Clinics are held at Steyning C.E. School as required.
Minor Ailment Clinics are held weekly at Harrington School, Worthing, and as required at West Park School, Worthing.

1. *Adiantum* sp.
 2. *Asplenium* sp.
 3. *Polypodium* sp.
 4. *Marattia* sp.
 5. *Phacelis* sp.
 6. *Adiantum* sp.
 7. *Asplenium* sp.
 8. *Polypodium* sp.
 9. *Marattia* sp.
 10. *Phacelis* sp.

11. *Adiantum* sp.
 12. *Asplenium* sp.
 13. *Polypodium* sp.
 14. *Marattia* sp.
 15. *Phacelis* sp.

16. *Adiantum* sp.
 17. *Asplenium* sp.
 18. *Polypodium* sp.
 19. *Marattia* sp.
 20. *Phacelis* sp.

21. *Adiantum* sp.
 22. *Asplenium* sp.
 23. *Polypodium* sp.
 24. *Marattia* sp.
 25. *Phacelis* sp.

26. *Adiantum* sp.
 27. *Asplenium* sp.
 28. *Polypodium* sp.
 29. *Marattia* sp.
 30. *Phacelis* sp.

31. *Adiantum* sp.
 32. *Asplenium* sp.
 33. *Polypodium* sp.
 34. *Marattia* sp.
 35. *Phacelis* sp.

Number	Species	Locality	Collector	Date	Notes
1	<i>Adiantum</i> sp.	...	...	...	...
2	<i>Asplenium</i> sp.	...	...	...	...
3	<i>Polypodium</i> sp.	...	...	...	...
4	<i>Marattia</i> sp.	...	...	...	...
5	<i>Phacelis</i> sp.	...	...	...	...
6	<i>Adiantum</i> sp.	...	...	...	...
7	<i>Asplenium</i> sp.	...	...	...	...
8	<i>Polypodium</i> sp.	...	...	...	...
9	<i>Marattia</i> sp.	...	...	...	...
10	<i>Phacelis</i> sp.	...	...	...	...
11	<i>Adiantum</i> sp.	...	...	...	...
12	<i>Asplenium</i> sp.	...	...	...	...
13	<i>Polypodium</i> sp.	...	...	...	...
14	<i>Marattia</i> sp.	...	...	...	...
15	<i>Phacelis</i> sp.	...	...	...	...
16	<i>Adiantum</i> sp.	...	...	...	...
17	<i>Asplenium</i> sp.	...	...	...	...
18	<i>Polypodium</i> sp.	...	...	...	...
19	<i>Marattia</i> sp.	...	...	...	...
20	<i>Phacelis</i> sp.	...	...	...	...
21	<i>Adiantum</i> sp.	...	...	...	...
22	<i>Asplenium</i> sp.	...	...	...	...
23	<i>Polypodium</i> sp.	...	...	...	...
24	<i>Marattia</i> sp.	...	...	...	...
25	<i>Phacelis</i> sp.	...	...	...	...
26	<i>Adiantum</i> sp.	...	...	...	...
27	<i>Asplenium</i> sp.	...	...	...	...
28	<i>Polypodium</i> sp.	...	...	...	...
29	<i>Marattia</i> sp.	...	...	...	...
30	<i>Phacelis</i> sp.	...	...	...	...
31	<i>Adiantum</i> sp.	...	...	...	...
32	<i>Asplenium</i> sp.	...	...	...	...
33	<i>Polypodium</i> sp.	...	...	...	...
34	<i>Marattia</i> sp.	...	...	...	...
35	<i>Phacelis</i> sp.	...	...	...	...

I have not been looking up to find a word yet.

TABLE I - 1956

MEDICAL INSPECTIONS OF PUPILS ATTENDING
MAINTAINED PRIMARY AND SECONDARY SCHOOLS
(including Special Schools)

1st January, 1956, to 31st December, 1956.

(a) Periodic Medical Inspections

Age Groups inspected and Number of Pupils examined in each:-

Entrants	4781
10-11 years... ..	3763
14+	2973
TOTAL	11517
Additional Periodic Inspections	506
GRAND TOTAL	<u>12023</u>

(b) Other Inspections

Number of Special Inspections... ..	1659
Number of Re-Inspections	12307
TOTAL	<u>13966</u>

(c) Pupils found to Require Treatment

Number of Individual Pupils found at
Periodical Medical Inspection to require
treatment (excluding Dental Diseases and
Infestation with Vermin)

Group (1)	For defective vision (excluding squint) (2)	for any of the other conditions recorded in Table IIA (3)	Total individual pupils (4)
Entrants	63	251	300
10-11	225	182	392
14+	217	99	300
Total	505	532	992
Additional Periodic Inspections	8	12	20
GRAND TOTAL	513	544	1012

(d) CLASSIFICATION OF THE PHYSICAL CONDITION OF PUPILS INSPECTED IN THE AGE GROUPS RECORDED IN TABLE 1.a.

Age Groups Inspected	No. of pupils Inspected	SATISFACTORY		UNSATISFACTORY	
		No.	% of Col.2	No.	% of Col.2
(1)	(2)	(3)	(4)	(5)	(6)
Entrants	4781	4740	99.14	41	0.86
10-11	3763	3736	99.28	27	0.72
14+	2973	2961	99.60	12	0.40
Additional Periodic Inspections	506	505	99.80	1	0.20
TOTAL	12023	11942	99.33	81	0.67

TABLE II

INFESTATION WITH VERMIN

(i) Total number of individual examinations of pupils in Schools by the School Nurses or other authorised persons ... 82236

(ii) Total number of <u>individual</u> children found to be infested...	206
(iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2) Education Act, 1944)...	7
(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, 1956

A - PERIODIC INSPECTIONS

Defect Code No.	Defect or Disease	PERIODIC INSPECTIONS				TOTAL (including all other age groups inspected)	
		ENTRANTS		LEAVERS		Requiring Treatment	Requiring Observation
		Requiring Treatment	Requiring Observation	Requiring Treatment	Requiring Observation		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4	Skin	12	82	9	12	38	138
5	Eyes: a. Vision ..	63	388	217	243	513	1161
	b. Squint ..	29	72	6	7	46	111
	c. Other ..	5	43	1	11	18	82
6	Ears: a. Hearing..	5	37	2	6	9	60
	b. Otitis Media..	3	42	-	4	5	55
	c. Other ..	8	26	5	4	15	45
7	Nose or Throat..	26	572	12	27	53	707
8	Speech.. .. .	23	170	3	7	40	210
9	Lymphatic Glands	-	320	1	6	1	340
10	Heart	6	71	1	19	11	113
11	Lungs	9	124	-	9	10	187
12	Developmental:						
	a. Hernia..	6	14	2	1	9	33
	b. Other ..	5	37	1	4	15	67
13	Orthopaedic:						
	a. Posture	17	40	13	15	67	126
	b. Flat Foot	20	42	4	10	30	82
	c. Other ..	50	293	24	51	103	481
14	Nervous System:						
	a. Epilepsy	2	4	-	2	2	10
	b. Other ..	4	23	1	4	3	37
15	Psychological:						
	a. Development	1	55	-	1	6	113
	b. Stability	-	58	-	2	1	79
16	Abdomen	-	12	-	1	-	13
17	Other	14	58	23	18	62	152

B - SPECIAL INSPECTIONS

Defect Code No. (1)	Defect or Disease (2)	SPECIAL INSPECTIONS	
		Requiring Treatment (3)	Requiring Observation (4)
4	SKIN:	107	10
5	EYES: a. Vision	285	91
	b. Squint	6	3
	c. Other	38	11
6	EARS: a. Hearing	18	11
	b. Otitis Media	5	1
	c. Other	19	8
7	NOSE & THROAT:	37	48
8	SPEECH:	57	8
9	LYMPHATIC GLANDS:	-	13
10	HEART:	3	8
11	LUNGS:	7	12
12	DEVELOPMENT: a. Hernia	1	1
	b. Other	2	2
13	ORTHOPAEDIC: a. Posture	14	7
	b. Flat Feet	8	6
	c. Other	38	33
14	NERVOUS SYSTEM: a. Epilepsy	3	3
	b. Other	4	4
15	PSYCHOLOGICAL: a. Development	10	12
	b. Stability	10	13
16	ABDOMEN:	-	-
17	OTHER:	234	64

TABLE IV

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

In Groups 1,2 and 3 treatment includes all defects treated or under treatment during the year by the Authority's own staff, however brought to the Authority's notice (i.e. whether by periodic inspection, special inspection or otherwise during the year in question or previously) or provided otherwise than by the Authority, including treatment carried out in school clinics by the Regional Hospital Board.

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	205	2
Errors of refraction (including squint)	676	1627
TOTAL	881	1629
Number of pupils for whom spectacles were prescribed	536	997

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	-	1
(b) For adenoids and chronic tonsillitis	-	24
(c) For other nose and throat conditions	-	-
Received other forms of Treatment ..	148	17
TOTAL	148	42

Group 3. Orthopaedic and Postural Defects.

	By the Authority	Otherwise
(a) Number known to have been treated at clinics or out-patient departments	-	448

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	3
Scabies.. .. .	22
Impetigo	47
Other Skin Diseases	354
TOTAL	426

Group 5. Child Guidance Treatment.

Number of pupils treated at Child Guidance Clinics under arrangements made by the Authority	110
---	-----

Group 6. Speech Therapy.

Number of pupils treated by Speech Therapists under arrangements made by the Authority	139
--	-----

Group 7. Other Treatment Given.

(a) Miscellaneous Minor Ailments treated by the Authority	1989
(b) Pupils who received convalescent treatment under School Health Service arrangements	-
(c) Pupils who received B.C.G. vaccination..	1871
(d) Other	
1. Orthoptic	364
2. Respiratory System	329
3. Genito-urinary	58
4. Others	122
TOTAL	4733

TABLE V

DENTAL INSPECTION AND TREATMENT CARRIED OUT
BY THE AUTHORITY

(1) Number of pupils inspected by the Authority's Dental Officers:-							
(a)	At Periodic Inspections	...	...	...	...	...	45554
(b)	As Specials	...	...	...	...	...	1198
TOTAL (1)							<u>46752</u>
(2)	Number found to require treatment	...	...	...	...	...	24042
(3)	Number offered treatment	...	...	...	...	...	24042
(4)	Number actually treated	...	...	...	...	...	11563
(5)	Number of attendances made by pupils for treatment including those recorded at heading 11(h)	...	...	...	...	...	21473
(6)	Half-days devoted to: Periodic (School) Inspection	...	...	...	...	...	455
	Treatment	...	...	...	...	...	3592
TOTAL (6)							<u>4047</u>
(7)	Fillings: Permanent Teeth	...	...	...	...	...	18149
	Temporary Teeth	...	...	...	...	...	4862
TOTAL (7)							<u>23011</u>
(8)	Number of teeth filled: Permanent Teeth	...	...	...	...	...	15443
	Temporary Teeth	...	...	...	...	...	4398
TOTAL (8)							<u>19841</u>
(9)	Extractions: Permanent Teeth	...	...	...	...	...	1328
	Temporary Teeth	...	...	...	...	...	6580
TOTAL (9)							<u>7858</u>
(10)	Administration of general anaesthetics for extraction						1124
(11)	Orthodontics:						
	(a) Cases commenced during the year	...	...	...	...	...	136
	(b) Cases carried forward from previous year	...	...	...	...	...	121
	(c) Cases completed during the year	...	...	...	...	...	92
	(d) Cases discontinued during the year	...	...	...	...	...	18
	(e) Pupils treated with appliances	...	...	...	...	...	196
	(f) Removable appliance fitted	...	...	...	...	...	152
	(g) Fixed appliances fitted	...	...	...	...	...	5
	(h) Total attendance	...	...	...	...	...	1372
(12)	Number of pupils supplied with artificial dentures	...	...	...	...	...	77
(13)	Other operations: Permanent Teeth	...	...	...	...	...	2560
	Temporary Teeth	...	...	...	...	...	2367
TOTAL (13)							<u>4927</u>

Teachers have again shown their vital interest in the various aspects of Physical Education by the way in which they have attended courses arranged by the Organisers.

Courses in "Primary School Physical Education" and in "Movement" were held in Crawley; "Music and Movement" courses were held in Chichester, Worthing and Horsham, followed by a residential weekend at Lodge Hill. Coaching courses in hockey, cricket and association football were run in Crawley, Lancing and Worthing, and schools attended a "Festival of Movement" with demonstrations of gymnastics and different types of dance held in Crawley and Worthing. Boys in the Worthing area attended a Lecture and Demonstration in Association Football with films and practical demonstrations by well known players. Several teachers were invited to a Football Association Refresher Course for Coaches in Sussex. The meetings each term of the men P.E. Specialists have continued with a session at Worthing Technical High School.

It has been found that the Southampton Junior Apparatus is most useful in our Infant Schools and in the Junior Schools more portable agility apparatus, catering for greater skill and initiative, is being introduced. It is hoped that it will prove possible to instal a "Low Unit" of the Southampton wallbars in suitable junior schools as they appear to have very considerable possibilities.

In the Secondary Schools there has been a marked increase in the number of schools taking part in outdoor activities such as canoeing, camping, climbing, etc. at centres out of the county. In order to satisfy this demand the Organisers put forward a plan for an Outdoor Activities Centre at Lodge Hill, but this had to be postponed for the time being. The interest in sailing and canoeing has increased and it is hoped to form a West Sussex Schools' Sailing Association which will foster boatbuilding and recreative sailing, organise races and rallies, and run courses in the fundamentals of sailing in schools, both for boys and girls. A further promising development is in the discussions going on at several schools concerning the construction of small teaching baths. It is hoped to be able, with the assistance of parents, to construct these near the changing facilities so that small groups of non-swimmers can be taught by modern methods.

It is to be regretted that, in order to keep the cost of school building within the limits set by the Ministry, the size of gymnasia has been considerably reduced and one school is to have a gymnasium with a solid wood-block floor.

H. CROSS.

K.J. WHITTARD.

County Organisers of Physical
Education.



