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COUNTY BOROUGH OF SOUTHAMPTON

ANNUAL REPORT

ON THE

SCHOOL HEALTH SERVICE

For the Year 1960

BY

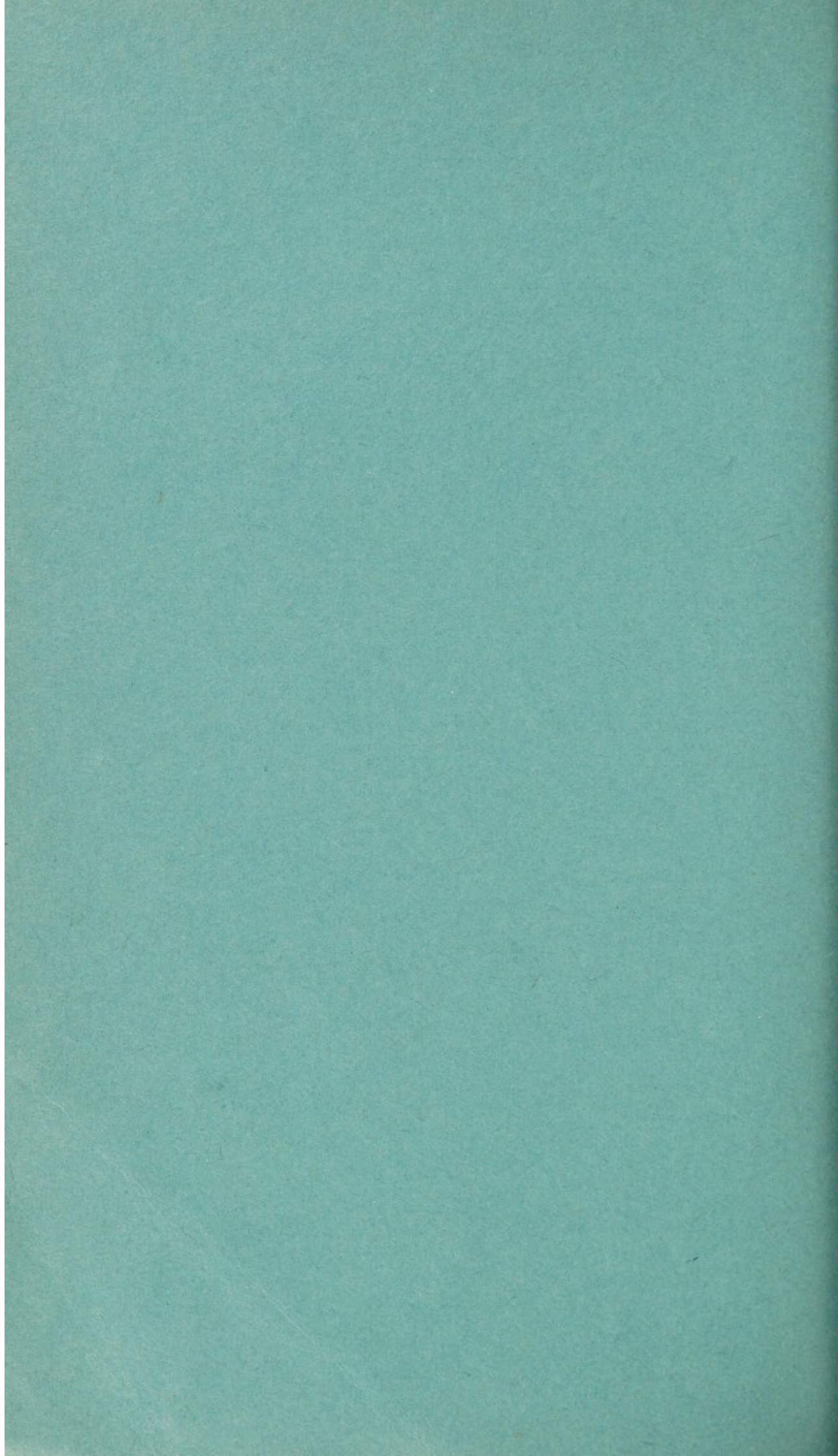
H. C. MAURICE WILLIAMS, O.B.E.

M.R.C.S., L.R.C.P., D.P.H., F.A.P.H.A.

Principal School Medical Officer and Medical Officer of Health

to the

County Borough and Port of Southampton





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Deputy Medical Officer of Health and Deputy Principal School Medical Officer :—

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Senior School Medical Officer :—

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School Medical Officers :—

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BETHAN DAVIES, M.R.C.S., L.R.C.P.

J. W. DOUPE, M.R.C.S., L.R.C.P., D.P.H.

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MARGARET R. SHAIL, M.B., CH.B., D.OBST., R.C.O.G.

Principal School Dental Officer :—

A. TOPPING, L.D.S., R.C.S.

School Dental Officers :—

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A. C. SORRELL, L.D.S., R.C.S. (Part-time)

Mrs. A. W. CAMERON, L.D.S. (Part-time) (Left 28/10/60)

I. W. CAMERON, F.D.S., R.C.S. (Part-time) (Commenced 11/1/60, Left 31/10/60.)

Speech Therapists :—

Mrs. D. M. WALKER, L.C.S.T., A.L.A.M.

Miss M. M. ROSS, L.C.S.T. (Left 31/8/60)

Miss B. A. CANNING, L.C.S.T. (Commenced 5/9/60)

Superintendent Health Visitor :—

Miss W. M. C. MELHUISE, S.R.N., S.C.M., H.V. (CERT.), F.R.S.H.,
DIP. SOCIAL STUDIES (LOND.).

Senior Clerk :—

H. DICKINSON

To the Chairman and Members of the Education Committee of the County Borough of Southampton.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you my thirtieth Annual Report on the School Health Service for the year 1960. This report is the fifty-third in the series since the inauguration of the Service and deals with the work of the medical inspection, treatment and the physical condition of children attending schools within the County Borough of Southampton.

One of the notable features this year was the opening of a new Health Clinic in the Harefield area. Dr. H. M. King, B.A., Member of Parliament for the Itchen constituency, officially opened this clinic on the 14th January, 1960. The Harefield estate has considerably expanded over the past few years, and the clinical facilities now available will, no doubt, give great benefit to families living in this area. Dr. Bethan Davies was appointed as School Medical Officer on the 4th January, 1960, and began to conduct clinics at this centre from that date. She also took over the responsibility of the clinics at the Surrey House Centre, thus replacing the two assistant port medical officers who had previously been attending on alternate weeks.

The continuity of routine medical inspection of all children attending schools in Southampton progressed. All schools within the jurisdiction of this authority received medical inspection with the exception of two. Shirley Warren Secondary Boys and Girls were merged and a request was made to postpone inspection until the new year because of the amount of work in the re-organisation. The other school was Taunton Grammar School, where the headmaster asked for the inspection to be delayed here because 1960 was their bi-centenary which involved a lot of activity outside.

In 1960 further progress than ordinary routine in medical examination of school children was made. With the help of the Chief Education Officer, Principals of ten private schools were persuaded to allow children in their care to receive medical inspection. These schools accepting were Bassett Preparatory, Hawthorne, Landguard Kindergarten, St. Faith's, St. Theresa's, Gregg, Convent High Schools and Clark's, Clough's, and St. Mary's Colleges. At the usual request of the governing body, the school medical officer also visited the Atherley Girls School,

The number of children receiving routine examination in the local authority schools was 10646. In addition to this 1072 children were examined at private schools. Re-inspection of children who were found to have defects at previous examinations was also carried out. Periodical visits were also made by a school medical officer to the Northlands Day Nursery where children of pre-school age attend.

It is pleasing to note that the incidence of head uncleanliness has improved this year. Although the number of children examined at school is greater, the number of cleansing notices issued dropped considerably. Details can be found on page 11. These routine cleanliness examinations are arranged to take place in all schools at the commencement of each term.

The schemes for protection against infectious illnesses continued. As a result of a campaign in the latter part of 1960 the number of immunisations against diphtheria rose, but the full effect will not be complete until early next year. Although in February vaccination against poliomyelitis was offered to persons of 26 to 40 years of age no great numbers came forward in this age group, but a further drive will be made to encourage them to come forward.

As the poliomyelitis scheme had settled, the arrangements for vaccination against tuberculosis of children in the 13 plus age group progressed favourably. An effort was made to catch up on this work which had been postponed from the previous year. Although every school had not been visited, it is hoped to complete all schools early in 1961.

There was a marked increase in the number of children referred to the Child Guidance Clinic. Family doctors and the Children's Officer were particularly responsible for this large number of referrals. Mr. I. R. Ferguson was appointed on the 15th August, 1960 to fill the vacancy of Educational Psychologist. Miss J. Martin commenced duty as psychiatric social worker on 1st January, 1960 but terminated her position on the 31st December, 1960. Mrs. S. M. Bartlett commenced duty as psychiatric social worker on a part time basis on 30th August, 1960. Fuller details of this clinic will be found in the body of the report.

The staff position in the dental clinic is still far from satisfactory. With the resignation of Mr. I. W. Cameron, part time dental officer, on the 31st October, 1960, it was necessary to close the dental department at Sydney House. At the close of the year there were only two full time and one part time dental officers. The Principal School Dental Officer's report can be found on page 22.

The remedial exercise centres now number eighteen. All are established at various schools with the exception of the one which operates at the Health Centre, King's Park Road. Fuller details can be found on page 32.

There were no resignations in the medical staff. Dr. Bethan Davies was appointed on the 4th January, 1960, when Harefield Clinic was opened as previously stated in this report.

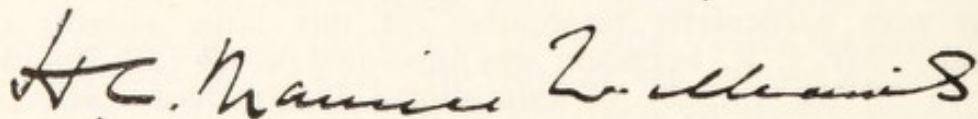
The arrangements for the co-ordination of my duties of Medical Officer of Health and Principal School Medical Officer to the Education Committee have continued. The School Health Service, therefore, functions as a unit of the Health Department.

I am grateful to the Chairman and Members of the School Clinic (Joint) Sub-Committee for their continued support and encouragement during the year. I would also like to thank the Education Department, Head Teachers, Hospitals and National Society for the Prevention of Cruelty to Children for the co-operation which they so willingly afforded to my department. Finally, I would like to express my thanks to the Medical Officers, Nurses, and staff for their loyalty and co-operation on which the success of the service depends.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,



Principal School Medical Officer.

SCHOOL MEDICAL INSPECTION

Number of school departments in the Borough :—

Department : Primary 69 Secondary Modern 21

In addition there are five Grammar Schools.

Details of the number of children examined in the routine age groups.

School	Entrants		2nd Age Group		3rd Age Group		Total
	Boys	Girls	Boys	Girls	Boys	Girls	
Aldermoor	73	57	58	44	—	—	232
Ascupart	32	27	42	21	—	—	122
Banister	41	42	—	—	—	—	83
Bassett Green	112	132	82	74	—	—	400
Bassett Green (Aster House)	—	4	1	5	2	—	12
Beechwood	14	16	73	77	—	—	180
Bevois Town	25	28	16	21	—	—	90
Bitterne C.E.	66	93	45	53	—	—	257
Bitterne Manor	6	18	16	21	—	—	61
Bitterne Park	78	61	50	47	73	78	387
Central	62	57	48	55	114	—	336
Deanery	—	—	—	—	79	55	134
Foundry Lane	59	52	99	108	—	—	318
Freemantle C.E	28	17	26	29	—	—	100
Girls' Grammar	—	—	—	7	—	111	118
Glenfield	85	70	—	—	—	—	155
Harefield	59	48	44	50	—	—	201
Heathfield	93	82	68	58	—	—	301
Highfield	24	18	41	24	—	—	107
Hollybrook	35	27	8	17	—	—	87
Itchen Grammar	—	—	—	—	68	88	156
King Edward VI	—	—	1	—	208	—	209
Ludlow	101	110	106	100	—	—	417
Mansbridge	21	21	3	7	—	—	52
Mansel	105	132	43	42	—	—	322
Merry Oak	—	—	—	—	200	—	200
Millbrook	—	—	—	—	54	62	116
Moorhill	12	11	—	—	—	—	23
Mount Pleasant	—	—	—	—	—	122	122
Netley Court	1	—	32	31	31	24	119
Newlands	44	53	52	55	—	—	204
Northam	6	8	11	12	—	—	37
Portswood	21	12	23	14	56	55	181
Redbridge	52	41	—	—	70	100	263
Regent's Park	—	—	—	—	161	141	302
St. Anne's Grammar	—	—	—	9	—	74	83
St. Denys	20	22	30	35	—	—	107
St. George's R.C.	—	—	—	—	85	85	170
St. John's	7	12	12	12	—	—	43
St. Joseph's R.C.	10	6	11	9	—	—	36
St. Jude's C.E.	51	52	—	—	—	—	103
St. Mark's C.E.	—	—	36	30	—	—	66
St. Mary's C.E.	6	12	—	14	—	—	32
St. Monica	52	57	31	54	—	—	194
Shirley	105	105	104	70	—	—	384
Shirley Warren	39	36	36	45	—	—	156
Sholing	36	40	56	57	—	209	398
Springhill R.C.	13	17	48	39	—	—	117
Swaythling	49	41	32	30	142	121	415
Tanner's Brook	52	53	65	59	—	—	229
Taunton's	—	—	—	—	—	—	—
Thornhill	71	67	63	44	—	—	245
Western	—	—	—	—	75	105	180
Weston Park	106	91	46	42	19	153	457
Wimpson	87	84	66	54	—	—	291
Woolston	42	55	—	—	253	120	470
Woolston R.C.	13	14	25	14	—	—	66
TOTALS	2014	2001	1649	1589	1690	1703	10646

Attendances of Parents

Attendance of parents during 1960 with comparative figures for previous five years.

Age Group	Number of Children Inspected	Number of Parents Present	Percentage of Parents present in					
			1960	1959	1958	1957	1956	1955
Entrants								
Boys	1879	1785						
Girls	1891	1788						
	3770	3573	94.7	95.6	95.2	95.0	90.5	91.1
2nd Age Group								
Boys	1547	1244						
Girls	1481	1074						
	3028	2318	76.6	84.1	85.4	82.5	76.8	82.6
3rd Age Group								
Boys	1259	471						
Girls	1296	682						
	2555	1153	45.1	37.9	44.5	40.6	36.5	41.0
TOTALS	9353	7044	75.3	74.0	76.9	75.3	68.9	77.2

WEIGHT AND HEIGHT MEASUREMENTS

The weighing and measuring of children are carried out periodically at all schools. Statistics for previous years are shown below for comparison.

Boys					GIRLS				
	Weight			Height		Weight			Height
	st.	lbs.	ozs.	inches		st.	lbs.	ozs.	inches
5 years									
1960	3	0	1.2	42.6	2	13	6.4		42.8
1959	3	0	1.1	43.0	2	12	12.6		42.2
1958	3	0	5.0	42.8	2	13	6.2		42.7
1957	3	0	4.5	42.6	2	13	3.3		42.5
1956	2	13	11.8	42.8	2	12	9.7		42.0
8 years									
1960	3	12	12.7	48.4	3	10	6.3		48.0
1959	4	0	0.4	48.5	4	4	14.5		49.4
1958	3	13	14.6	49.2	3	12	5.3		49.7
1957	3	9	14.4	48.2	3	10	12.3		47.9
1956	4	0	13.7	48.4	3	12	14.4		48.3
12 Years									
1960	5	13	8.1	57.0	6	1	3.2		57.7
1959	5	13	8.7	57.3	6	0	2.0		57.8
1958	5	13	15.0	56.8	6	4	9.8		57.7
1957	5	12	8.6	57.6	6	5	4.5		57.1
1956	5	13	7.3	56.1	6	1	2.9		57.5

The following tables give details of defects found requiring treatment or observation.

DEFECTIVE VISION AND EYE DISEASE

Age Group	Number Examined	Defective Vision		Squint		Other Conditions		Total	
		No.	%	No.	%	No.	%	No.	%
Entrants	3770	847	22.5	193	5.1	56	1.5	1096	29.1
2nd Age Group	3028	680	22.5	71	2.3	47	1.6	798	26.4
3rd Age Group	2555	659	25.8	32	1.3	18	0.7	709	27.7
Additional	1293	336	26.0	21	1.6	14	1.1	371	28.7
TOTALS	10646	2522	23.7	317	3.0	135	1.3	2974	27.9

NOSE AND THROAT

Age Group	Number Examined	Number of Defects	Percentage
Entrants	3770	1478	39.2
2nd Age Group	3028	440	14.5
3rd Age Group	2555	121	4.7
Additional	1293	169	13.1
TOTALS	10646	2208	20.7

EAR DISEASE AND DEFECTIVE HEARING

Age Group	Number Examined	Defective Hearing		Otitis Media		Other Ear Diseases		Total	
		No.	%	No.	%	No.	%	No.	%
Entrants	3770	376	10.0	195	5.2	136	3.6	707	18.8
2nd Age Group	3028	64	2.1	37	1.2	36	1.2	137	4.5
3rd Age Group	2555	40	1.6	11	0.4	20	0.8	71	2.8
Additional	1293	33	2.6	18	1.4	22	1.7	73	5.7
TOTALS	10646	513	4.8	261	2.5	214	2.0	988	9.3

ORTHOPAEDIC AND POSTURAL DEFECTS

Age Group	Number Examined	Posture		Flat Foot		Other Deformities		Total	
		No.	%	No.	%	No.	%	No.	%
Entrants	3770	131	3.5	550	14.6	579	15.3	1260	33.4
2nd Age Group	3028	139	4.6	261	8.6	269	8.9	669	22.1
3rd Age Group	2555	94	3.7	171	6.7	237	9.3	502	19.7
Additional	1293	40	3.1	129	10.0	113	8.7	282	21.8
TOTALS	10646	404	3.8	1111	10.4	1198	11.3	2713	25.5

Following up.—The following up of the defects found to require treatment or observation may be divided into two sections, namely the re-examination by medical officers of the cases referred at routine medical inspection, and the subsequent following up by health visitors of the cases for which treatment has not been obtained.

Visits paid to the homes by the Health Visitors :—

Dental cases	.....	.....	.....	.....	9
Vision cases	.....	.....	.....	.....	166
Ear, Nose and Throat cases	.....	.....	.....	.....	99
Skin cases	.....	.....	.....	.....	84
General cases	.....	.....	.....	.....	630
Orthopaedic cases	.....	.....	.....	.....	48
Other cases	.....	.....	.....	.....	530
				————	1566
Children seen at schools	.....	.....	.....	.....	1078
				————	2644

Cleanliness.—Health visitors and assistant nurses continued to carry out the periodic cleanliness examinations of the children attending school. As a result of 62,495 examinations, 215 cleansing notices were issued (Section 54(2), Education Act, 1944) necessitating exclusion from school. All related to infestation with head lice. 80 individual children were concerned, some being found infested more than once during the year.

Facilities are provided at the school clinics for the cleansing of children found infested. The following details show the work performed :—

Number of children cleansed	.....	.....	286
Of this number 229 children attended once			
„ „ „ 36	„	„	twice
„ „ „ 14	„	„	three times
„ „ „ 4	„	„	four times
„ „ „ 3	„	„	five times
Total	.....	286	

There were, therefore, 374 attendances for cleansing. In addition to those children excluded from school these figures include children found verminous at special examinations at clinics.

MUNICIPAL CLINICS

During the year, 81,654 attendances were made by children at the various clinics, and are summarised in the following table :—

Clinic	King's Park Road	Bitter- ne Park	Cardi- gan Road	Hare- field	Mill- brook	Oat- lands House	Surrey House	Sydney House	Sway- thling	Branch Clinics
Dental Service	622	—	4033	—	—	4215	—	2118	—	—
Skin Clinic	3163	1803	—	970	2540	1894	2081	2841	2824	—
General Inspection	247	452	—	188	506	828	340	416	815	—
Asthma Clinic	82	—	—	—	—	—	—	—	—	—
Rheumatism & Heart Clinic	138	—	—	—	—	—	—	—	—	—
Artificial Sunlight Clinic	68	171	—	—	389	168	70	200	205	—
Ophthalmic Clinic	4871	—	—	—	—	—	—	—	—	—
Ear, Nose & Throat Clinic	1913	—	—	—	—	—	—	—	—	—
Orthopaedic Clinic	1197	—	—	—	—	—	—	—	—	—
Special Cases	115	7	—	7	16	28	13	29	17	—
Diphtheria Immunisation Clinic	—	—	—	—	—	—	—	—	—	—
(a) Single	361	344	—	279	635	704	382	661	517	71
(b) Triple	178	145	—	63	4	23	76	1	144	—
B. C. G. Vaccination Clinic	223	—	—	—	—	—	—	—	58	—
*Polio-myelitis Vaccination Clinic	14763	1268	—	808	2015	2466	1026	3104	1762	—
Child Guidance Clinic	1856	—	—	17	281	—	—	17	—	—
Speech Clinic	4191	—	—	—	—	—	—	—	—	—
Boarded-Out Cases	156	5	—	—	2	—	6	2	1	—
Remedial Exercises	295	—	—	—	—	—	—	—	—	—
Teachers' Training College	98	1	—	—	2	18	—	13	12	—
Totals	34537	4196	4033	2332	6390	10344	3994	9402	6355	71

*Includes adults up to 40 years of age.

Health Centre, King's Park Road.—

Skin Clinic

The incidence of scabies and ringworm remains low, but there has been an increase in the number of cases of plantar warts, 51 as against 23 in 1959—sixteen boys and thirty-five girls. Treatment, however, continued to be satisfactory.

Inspection Clinic

A large number of children attending this clinic are cases of minor sepsis, debility, injuries, enuresis and soiling. Advice on the general care and welfare of children is often given to parents and guardians.

Where clinical treatment is not considered suitable, children are referred to the family doctor,

Asthma Clinic

Although the attendances at the Asthma Clinic have decreased, the results continue to prove satisfactory. The Hampshire County Authority continues to send children to this clinic, where it is felt that Southampton is of easier access than other similar clinics.

During the year four children from the County area attended.

	Boys	Girls	Total
Number of cases treated	33	10	43
Average age at onset (years)	3y. 3m.	3y. 4m.	
PROGRESS—			
Much improved	3	2	5
Improved	11	—	11
Some improvement	7	5	12
No improvement	3	—	3
Others	9	3	12
Discharged	4	3	7

Rheumatism and Heart Clinic

Most of the heart cases are of the congenital or functional type. In conjunction with the family doctors and specialists these children may be attending, efforts are made to see that they lead as normal a life as is consistent with any defect they may have.

Under supervision, January 1960	179
Cases seen for the first time in 1960	31
Discharged or ceased attending in 1960	13
Under supervision, December 1960	197
Total number of visits	138

Diagnosis in new cases :—

Congenital abnormality	5
Functional murmur	21
Cardiac arrhythmia	2
Tachy cardia	1
Poor circulation	2

External Eye Disease and Defective Vision

Mr. J. Keyms, B.A., M.D., CH.B., B.A.O., Ophthalmic Surgeon, conducts three sessions weekly at King's Park Road. The following table summarises the work carried out during the year, and shows comparative figures for the years 1958 and 1959 :—

	1958	1959	1960
Attendances at clinic	5304	5141	4871
Individual children seen by the specialist	2690	2550	2493
Submitted to refraction	1348	1359	1212
Glasses prescribed	1254	1283	1105
Received other treatment	24	25	11
Placed under observation	1088	891	1013
Found not to require treatment or observation	290	255	135
Number of individual children for whom spectacles were :			
(a) Prescribed	1245	1244	1063
(b) Obtained	*1123	*1273	*946

**This figure includes children for whom glasses were prescribed but not provided during the previous year.*

The Local Health Authority pays a sessional fee to the Ophthalmic Surgeon and claims on the Local Executive Committee for each case refracted.

Ear, Nose and Throat Clinic

This clinic is conducted by Mr. Bernard Sugden, M.B., B.S., M.R.C.S., L.R.C.P., D.L.O., Aural Surgeon, whose services are provided by the Southampton Hospital Management Committee.

	1958	1959	1960
Total attendances	1715	1690	1913
New cases for consultation	694	734	837
Return cases for review or treatment	1021	956	1076
Tonsil and adenoid operations	156	135	199
Nasal and aural operations	8	8	15
Audiographs	184	187	286

Facilities of the Ear, Nose and Throat department of a general hospital are provided at this clinic which is supported by trained staff and complete ancillary services of speech therapy, audiometry and auditory training. These services are not only for those with a moderate degree of deafness, but also for unfortunate children with severe and sub-total deafness as from the age of 2 years.

Orthopaedic Clinic

The minor orthopaedic clinic is usually held once a week, and is conducted by the Senior School Medical Officer at the central health clinic, King's Park Road. The children attending this clinic are mainly referred from the various clinics and from school medical inspections. Family doctors and the surgeons of the Lord Mayor Treloar Children's Clinic at the Royal South Hants Hospital also send a few children along.

Close liaison is maintained with the clinic at the Royal South Hants Hospital to which are referred all the serious cases, with the prior consent of the family doctor concerned.

Apophysitis	10	Osteo chondritis	3
Calcaneus valgus	13	Pes cavus	19
Claw Toes	16	Pes plano valgus	25
Depressed sternum	2	Pes valgus	236
Digitus quintus varus	9	Pigeon chest	1
Exostosis oscalcis	4	Poor posture	36
Foot eversions	86	Poliomyelitis	3
Genu valgum	173	Scoliosis	42
Genu varum	9	Short leg	6
Hallux valgus	25	Sprains	4
Hammer toes	2	Talipes equino varus	2
Kypholordosis	42	Tight pectorals	9
Kyphosis	50	Tight tendo achilles	1
Metatarsalgia	1	Torticollis	5
Metatarsus primus elevatus	1	Varus deformity of toes	3
Metatarsus valgus	1	Other Forms	274
Metatarsus varus	43		<hr/> 1163 <hr/>

ANALYSIS OF ATTENDANCES AT MINOR ORTHOPAEDIC CLINIC

Classification	Under School Age		School Age		Total	
	New	Old	New	Old	New	Old
Feet, etc.	157	99	593	106	750	205
Spine	2	1	168	71	170	68
TOTAL	159	100	761	177	920	273

Speech Clinic

Children recommended for treatment at this clinic are referred either by the Ear, Nose and Throat Surgeon, family doctor or the school medical officer.

Although the two speech therapists mainly operate from The Health Centre, Kings Park Road, sessions are also held at Sydney House, Oatlands House, Millbrook and Harefield clinics. The speech therapists also visit Netley Court Special Day School and the Spastic Unit at Aster House, as well as domiciliary visits and occasional visits to schools. The session at Swaythling clinic has been discontinued owing to the lack of cases in that area, and to the pressure of work in other parts of Southampton.

Sessions conducted by the speech therapists :—

Kings Park Road	.....	.....	.....	.....	412
Harefield	.....	.....	.....	.....	71
Oatlands House	.....	.....	.....	.....	89
Swaythling	.....	.....	.....	.....	37
Millbrook	.....	.....	.....	.....	89
Sydney House	.....	.....	.....	.....	143
Home visits	.....	.....	.....	.....	40
Netley Court Special School	.....	.....	.....	.....	36
Total					<hr/> 917

Attendances at clinics :—

Kings Park Road	.....	.....	.....	.....	1807
Harefield	.....	.....	.....	.....	302
Oatlands House	.....	.....	.....	.....	544
Swaythling	.....	.....	.....	.....	142
Millbrook	.....	.....	.....	.....	494
Sydney House	.....	.....	.....	.....	627
Home visits	.....	.....	.....	.....	47
Netley Court Special School	.....	.....	.....	.....	228
Total					<hr/> 4191

Treatments given	.....	.....	.....	.....	3994
Consultations	.....	.....	.....	.....	128
Check examinations	.....	.....	.....	.....	69
Children discharged	.....	.....	.....	.....	94
Children on register, 31st December, 1960	.....	.....	.....	.....	209

Children on waiting list :—

(a) for first consultation	.....	114	
(b) for check examination	.....	77	
		<hr/>	191

The children discharged were classified as follows :—

	Normal Speech		Improved		Non-co-operation		No treatment necessary		Unsuitable for treatment		Left district		Left school		Transferred to another clinic		Deceased		Total	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Stammering	1	1	5	-	7	1	1	-	-	1	-	-	2	-	-	-	-	-	15	4
Dyslalia	14	10	3	1	10	6	2	1	1	1	-	2	-	2	-	-	-	-	35	18
Dyslalia due to mental retardation	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	2	-
Dysphonia	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Dysarthria	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1	1
Rhinophonia	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Dyslalia and Stammer	-	-	3	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	4	2
No Defect Noted	-	-	-	-	-	-	6	4	-	-	-	-	-	-	-	-	-	-	6	4
Totals	15	11	12	1	18	8	9	5	3	0	3	1	2	3	2	0	0	1	64	30

Child Guidance Clinic

In all 2,313 child attendances were made, consisting of :—

Consultations	292
Treatments	871
Reviews	324
Intelligence tests	263
Educational tests	158
Personality tests	17
Remedial teaching	621

There were 1,517 parent attendances, and 374 home visits were made by the Psychiatric Social Workers.

Sources of referral :—

Doctors from various clinics	117
Hospitals	22
Private doctors	45
Health visitors	5
Head teachers	77
Chief Education Officer	14
Probation Officer and Chief Constable	43
Children's Officer	22
Parents	26
Speech Therapist	2
Social Rehabilitation Panel	—
Catholic Welfare Society	4
Citizens Advice Bureau	1
	<hr/> 378

Reasons for referral were as follows :—

(a) Nervous disorders—	
Fears, anxieties and nervousness	57
Night terrors	13
	Total 70
(b) Habit disorders and physical symptoms—	
Enuresis	25
Restlessness and excitability	2
Tic	8
Feeding difficulties	2
Asthma	3
Speech difficulties	7
Encopresis	2
Hysteria	1
	Total 50
(c) Behaviour disorders—	
Unmanageable	60
Pilfering	23
Tempers	22
Withdrawn behaviour	11
Truanting	14
Aggressiveness and cruelty	10

Sex problems	9
Immaturity	1
Depression	10
Day Dreaming	1
Total	161
(d) Educational difficulties—	
Backward at school	37
Inability to concentrate	8
Educational and vocational guidance	9
Total	54
(e) Special examinations—	
Intelligence test only	7
Reports for children on remand	31
Advice regarding placement	5
Total	43

Ages of referral :

Ages	2 and under	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Over 16	Total
Boys	11	5	6	21	28	19	22	28	30	13	20	11	13	7	3	1	238
Girls	10	3	2	19	5	11	9	9	10	7	16	9	11	8	10	1	140

Staff :

Part-time Medical Director and Consultant Psychiatrist :

Dr. Mary Capes.

Maximum part-time Consultant Psychiatrist :

Dr. Lotte Rosenberg.

Full-time Educational Psychologists :

D. H. Greenald, Esq., B.Sc. (ECON.), DIP. PSYCH.

I. R. Ferguson Esq., M.A., Ed.B. (commenced 15.8.60).

Full-time Therapist and Psychologist :

Mrs. E. Ellingham, DIP. PSYCH.

Psychiatric Social Workers :

(Full-time) Miss Ishbel Beatty.

Miss J. Martin (commenced 1.1.60., left 31.12.60).

(Part-time) Mrs. S. M. Bartlet, B.Sc. (soc.), (commenced 30.8.60).

DISPOSAL OF CASES

After treatment :—

Much improved	7
Improved	47
Unchanged	10
Transferred to other agencies	12
Closed prematurely :—	
Some improvement	6
Unco-operative	5
Moved	1
Parents working or ill	1
Total	89

After investigation :—

Consultation and advice	130
Intelligence tests only	9
Transferred to other agencies	30
Closed prematurely :—	
Some improvement	4
Unco-operative	5
Treatment not feasible	5
	Total 183

Uneventuated :—

Improved before attendance	37
Unsuitable for child guidance	39
Moved from district	2
Dealt with by other means	10
	Total 88

Of the 460 children seen during the year, 6 were considered to need placement in boarding schools for maladjusted children, and fifteen others attended the day centre at Bellemoor House.

Lectures outside the Clinic :—

At the University —	5 to Social Science Students
	4 to Generic Casework Students
Other Groups —	1 to Parent Teacher's Group
	1 to Young Wives Fellowship
	2 to a Health Visitors Course in a neighbouring County.

Training :—

Two students taking the training of the Casework Course undertook practical work in the clinic for six months each.

Student health visitors attended the clinic in June.

Work in the Schools :—

Individual intelligence tests	69
Educational tests	50
Personality tests	1
Group intelligence tests	1
Discussions with teachers	126
Interviews with parents	16

The work in schools was again hampered during 1960 until August when Mr. Ferguson was appointed to the post of second Educational Psychologist. Discussions with head teachers ran roughly at the same level as the previous year, but individual intelligence and attainment testing again showed a decrease. Part of this is attributable to there being only one psychologist available for most of the year, but it is also part of a more general trend,

Teachers themselves are now more conscious of the problems of backwardness and retardation and most schools are using standardised tests of attainment and group tests of intelligence to sort out their backward pupils. The psychologist's role is increasingly first to advise on the suitability and administration of the tests which are available and secondly to encourage the adoption of the best methods in the field of remedial teaching. In the primary schools the Second Year Educational Guidance Programme continues to act as a useful screening device for children in need of special educational or psychological treatment. In addition, by surveying a whole age group it is possible to see how the problem of backwardness varies from area to area and to plan future provision accordingly.

This provision is continually on the increase. There are now 30 part-time remedial teachers concerned with children who are retarded mainly in reading. The main need now in this field is for the provision of many more special class places for E.S.N. children who are yet somewhat above the intelligence level of the special school child. At present there are only three such classes "recognised" though many schools do what they can to make special provision for this group.

A major innovation this year was the opening in September of Bellemoor House, the former annexe to Shirley Junior School, as a day centre for maladjusted children who attend part-time on the recommendation of the staff of the Child Guidance Clinic. The groups have been kept small to ensure individual attention and the main aim has been through creative and remedial work to encourage a better adjustment to school, home and society. Results so far have been encouraging and we have been fortunate to find in Mrs. Gammon, the teacher in charge, an enthusiastic and gifted colleague. Of necessity there has been a continuous liaison between her and the clinic. It is hoped that a second similar class for older children will be opened on the same premises during the next school year.

As before in all matters concerned with special education, the psychologists have worked closely with the Education Department and the School Medical Officers.

Work in the Clinic :—

The number of children referred to the Child Guidance Clinic was considerably more this year than the average, leading to further pressure of work. The increase in referrals came particularly through family doctors in the town and the Children's Officer. There were more children referred for truancing and being unmanageable than in previous years compared with those showing withdrawn behaviour or anxiety.

The increase for boys occurred largely in the 7 to 9 year olds, but in regard to the girls, the increase was in the adolescent group.

With the full establishment of Psychiatric Social Workers during the later part of the year, at least two hundred more home visits were made, and many more parents were seen. The appointment of Mr. Ferguson as second Educational Psychologist in August, enabled the two teams of clinic personnel to complete their work more effectively. The Psychiatrists, as in previous years, had to limit the numbers receiving intensive treatment to a minimum and even so, the waiting remained at several months except for urgent cases.

It has been interesting to note that quite a high percentage of the cases on the waiting list have improved spontaneously before being seen, although it has been found in the past that a number of these require help at a later phase in their lives when a further crisis arises.

Dental Clinic.—Mr. A. Topping, The Principal School Dental Officer submits the following report.—

The year 1960 opened with every promise of being most successful. There appeared to be a near certainty that the School Dental Service would expand and flourish, and the clinic at Sydney House was once again re-opened after a considerable period during which it had remained inactive. By the month of June, however, all these bright prospects had vanished and we were warned that early resignations from the staff could be expected, following which the service would have to be gradually reduced. At the end of October the dental clinic at Sydney House was again closed, and by the end of the year there only remained a clinic at King's Park Road with the Principal School Dental Officer and one part-time assistant, and the clinic at Oatlands House with one full-time dental officer—a total staff equivalent to 2.18 dental officers. The estimated requirements for this town at the present time is 12 full-time dental officers, and at least the same number of female dental attendants, who have now become just as difficult to recruit as the qualified dental surgeons. In short, the resignations from the staff and the complete failure to attract new permanent officers, have combined to make the future of a school dental service in Southampton very problematical.

Apart from the consideration of personnel, the year 1960 has shown a great advance in the material equipment of the school dental service in Southampton. The old clinic at Cardigan Road was finally abandoned in the month of October after having served as a dental clinic for many of the last 40 years. New premises were found in a house at No.3 King's Park Road, and up-to-date equipment was installed to provide two very modern surgeries, with waiting room and all the normal accommodation, including a small office and records room. It is anticipated that this house will only be used as a temporary measure, and it will be comparatively easy to move to the large new general clinic which is at the moment being erected nearby. All the new equipment at present being used has of course been selected with a view to its transfer to the new building at some future, but not too distant date, and when this is accomplished there should be reason for all concerned to feel a good measure of satisfaction.

The year 1960 was, therefore, one of marked contrast. Grave anxiety concerning the loss of staff, and an almost incredible improvement in equipment and material assets. Such a contrast may well call for a careful reconsideration of the less creditable side, in the hope that perhaps some minor local changes would alleviate in some small way a difficulty which would require a nation-wide effort to eradicate.

Ultra Violet Light Clinics.—Artificial sunlight clinics are conducted at seven centres — King's Park Road, Sydney House, Oatlands House, Swaythling, Bitterne Park, Surrey House and Millbrook clinics.

Treatment again this year proved to be of great value. Although children are mainly referred by the school medical officers, referrals are also made by the family doctors and the chest clinic.

ATTENDANCES AT ARTIFICIAL SUNLIGHT CLINIC

	King's Park Road Clinic		Sydney House Clinic		Oatlands House Clinic		Swaythling Clinic		Bitterne Park Clinic		Surrey House Clinic		Millbrook Clinic	
	Sch.	Pre-Sch. Total	Sch.	Pre-Sch. Total	Sch.	Pre-Sch. Total	Sch.	Pre-Sch. Total	Sch.	Pre-Sch. Total	Sch.	Pre-Sch. Total	Sch.	Pre-Sch. Total
Children who attended for the first time in 1960	8	— 8	23	6 29	10	5 15	18	— 18	15	1 16	7	— 7	35	4 39
Attendances in 1960	68	— 68	160	40 200	124	44 168	205	— 205	161	10 171	70	— 70	338	51 389

School Clinics.—With the opening of Harefield Clinic the number of centres (listed below) in Southampton is now eight. The premises at Cardigan Road having been demolished, the Dental Clinic now functions in the premises adjoining the main Health Centre in King's Park Road.

Seven of these clinics are situated in the surrounding suburbs of Southampton and provide clinical facilities to densely populated areas. These outlying centres obviate long journeys to the King's Park Road Clinic.

A School Medical Officer is in attendance during certain sessions but the clinics remain open daily with a trained nurse in charge. In addition to the main clinics conducted at King's Park Road, specialists are also in attendance weekly. The Dental Clinic is controlled by the Principal School Dental Officer.

The Health Centre, King's Park Road.
 Sydney House Clinic, Pear Tree Avenue.
 Oatlands House Clinic, Winchester Road.
 Swaythling Clinic, Mayfield Road.
 Bitterne Park Clinic, Thorold Road.
 Surrey House Clinic, Sullivan Road.
 Millbrook Clinic, Helvellyn Road.
 Harefield Clinic, Exford Avenue.

The school clinics continued to be rather quiet for a time following the rather lively poliomyelitis vaccination campaign, but clinics have gradually picked up to normal again.

Children are referred to the various clinics from many sources i.e. by head teachers, parents, foster parents and matron at Hollybrook Homes amongst many others. Arrangements are also made for children to have a medical examination if they missed the usual routine examination at school. Amongst the common conditions investigated and treated were slight hearing defects, recurrent respiratory infection, skin lesions and enuresis.

There was a preponderance of psychological troubles, parents seeking advice on a variety of subjects, such as night terrors, fear of being alone and fear of travelling home alone.

One innovation has been the treatment of enuresis by the electric bell apparatus. In the first instance, an apparatus was borrowed from the Children's Department and used most successfully by a nine year old boy. This boy had been persistently enuretic since infancy, but obtained full bladder control within a few weeks of starting treatment. The department has now purchased its own apparatus.

A regular stream of children attended the clinics for general checks, complaints of chronic coughs, colds and poor appetite. Artificial sunlight benefited a lot of these children but only a few really respond to a change of environment. With these a sojourn at an open air school is the answer and often results are striking.

A fairly large number of children attended the various clinics on account of verrucae, following the introduction of foot and head inspection at schools. Freezing with CO₂ snow, obtained by the sparklet method, proves to be very successful, but satisfactory results have also been obtained by the use of acid salicylic ointment 90 per cent.

Medical Examination of Teachers and Entrants to Courses of Training.—Teachers entering the service of the Council, and candidates applying for admission to training colleges are examined as to their fitness for employment. These examinations are arranged at the request of the Chief Education Officer. During 1960, 113 candidates (41 male and 72 female) for training colleges, and 31 teachers (21 male and 10 female) were medically examined.

Immunisation against Diphtheria.—Arrangements as in previous years for diphtheria immunisation continued, and weekly sessions are held at the various clinics. The school medical officers and health visitors encourage parents to accept this treatment for their children.

In addition to the regular procedure—(1) sending birthday cards and consent cards to all children on their first birthday, (2) sending letter with consent card to all parents of children entering infants schools, and (3) display of posters—a campaign was organised in October. This campaign consisted of posters on local buses, advertising in the local press and leaflets to parents of all children who are attending junior schools.

As a result, a marked increase in the numbers immunised is shown, 5388 as compared with 3706 in 1959. The number of children treated at the clinics was 2738, the remainder being treated by general practitioners.

TABLE A

IMMUNISATION TREATMENT UNDERTAKEN DURING THE YEAR

(i) New cases	1623
Protective Inoculations :—	
First injection (Diphtheria only and Triple antigens)	1623
Second „ („ „ „ „)	1418
Third „ (Triple antigen)	135
Re-inforcing injection (Diphtheria only and Triple antigens)	1396
	<hr/> 4572 <hr/>

(ii) IMMUNISATION AT CLINICS :—

Number of clinics held	451 (422)
Total number of attendances	4572 (2663)

	Completed courses	Re-inforcing courses
Immunisation at Clinics	1342 (860)	1396 (848)
Immunisation by Private Doctors	2053 (1667)	597 (331)
Total	3395 (2527)	1993 (1179)

(Figures in brackets refer to the year 1959)

TABLE B

IMMUNISATION IN RELATION TO CHILD POPULATION
 Number of Children who had completed a full course of Immunisation
 at any time up to 31st December, 1960.

(Ministry of Health Annual Return for the Year Ended
 31st December, 1960)

Age at 31/12/60 i.e. born in year	Under 1 1960	1-4 1956-1959	5-9 1951-1955	10-14 1946-1950	Under 15 Total
Last complete course of injections (primary or booster) 1956-1960	612	7793	8461	2200	19066
1945-1954			4052	12524	16576
Estimated Mid-Year child population	3420	13280	32900		49600

Immunisation against Whooping Cough.—Facilities exist at all the clinics for parents who wish to take advantage of immunisation of children against whooping cough.

Vaccination against Poliomyelitis.—As in previous years the arrangements for poliomyelitis vaccination continued. In February, however, the age groups were extended to include persons up to the age of 40 years. Early in the year, evening sessions were arranged as this enabled the older groups to attend, whereas they could not during the daytime.

Vaccination consists of two injections given at an interval of 4 weeks and a third injection not less than 7 months after the second injection.

The following table shows the number of completed cases during 1960 :—

(1) VACCINATIONS AT CLINICS :—

Children (6 months to 15 years)	1068	
Young Adults (15 to 25 years)	725	
Expectant Mothers	111	
Adults (25 to 40 years)	5659	
General Practitioners, their families and others	140	
	<hr/>	7703

(2) VACCINATION BY GENERAL PRACTITIONERS :—

Children (6 months to 15 years)	1632	
Young Adults (15 to 25 years)	429	
Expectant Mothers	74	
Adults (25 to 40 years)	1990	
General Practitioners, their families and others	25	
	<hr/>	4150

(Total completed cases) 11853

(3) Third injections 21282

(4) Vaccine issued to hospitals for
vaccination of staff (doses) 1224

HANDICAPPED PUPILS

ASCERTAINMENT

Children suspected to be suffering from physical or mental defects requiring special educational treatment are referred for examination by the Education Department, private practitioners, health visitors, parents and from school medical inspection.

During the year under review, the following examinations were made :—

Referred as physically defective children	90
Referred as educationally subnormal or maladjusted children	142
Total examinations	<u>232</u>

As a result of these examinations, the under-mentioned recommendations were made to the Education Committee :—

PHYSICAL CASES—

Blind school	1
Open-air school for delicate pupils	39
Home tuition	6
School for physically handicapped pupils	1
Diabetic school	1
Epileptic colony	3

OTHER CASES—

Incapable of receiving education at school	17
Required supervision after leaving school	5
Special school (Day) as educationally sub-normal	35
Special school (Boarding) as educationally sub-normal	13
Special school as maladjusted	8
Ordinary school as educationally sub- normal	26
Deferred	9
Home tuition	2

HANDICAPPED PUPILS ON REGISTER

Blind	5
Partially Sighted	10
Deaf	10
Partially Deaf	49
Delicate	164
Educationally Sub-normal	241
Educationally Sub-normal and Partially Deaf	2
Educationally Sub-normal and Delicate	15
Educationally Sub-normal and Epileptic	3
Educationally Sub-normal and Maladjusted	20
Educationally Sub-normal and Partially Sighted	3
Educationally Sub-normal and Physically Handicapped	4
Educationally Sub-normal and Speech Defect	2
Epileptic	9
Maladjusted	56
Maladjusted, Partially Sighted and Delicate	1
Maladjusted and Delicate	3
Physically Handicapped	38
Physically Handicapped and Partially Deaf	1
Physically Handicapped and Epileptic	1
Diabetic	1
Total	638

Handicapped Pupils newly placed in Special Schools or Homes :—

Physically Defective	34
Educationally Sub-normal :—	
Residential	9
Day	25
Maladjusted	8
Total	76

Handicapped Pupils in Special Schools or Homes, at 31st December, 1960 :—

Blind	2
Partially Sighted	7
Deaf	10
Partially Deaf	5
Delicate	32
Physically Handicapped :—	
Residential	8
Day	12
Epileptic	10
Maladjusted	25
Educationally Sub-normal :—	
Residential	28
Day	123
Speech Defects	1

PHYSICAL TRAINING

Report of the Physical Training Organisers.—Numbers of attendance at remedial centres have greatly increased during the latter six months. Three new centres on the eastern side of the town have been opened viz. at Weston Park, Heathfield and Ludlow Road junior schools.

The Shirley Warren centre has now closed owing to lack of facilities. Children attending there are now being accommodated at the Aldermoor school centre.

Children are being accepted at an earlier age and are responding well to treatment.

School Remedial Exercise Classes.—The following table gives details of the work carried out during 1960 :—

Name of Centre	Individual children dealt with during 1960	Total attendances made by children during 1960
Aldermoor	17	723
Bassett Green	23	1152
Bitterne Park Junior	9	501
Girls' Grammar	30	459
Heathfield	6	67
Itchen Grammar	—	—
King Edward VI	9	324
Ludlow	3	68
Mansel	2	50
Portswood	9	302
Shirley	20	818
Shirley Warren	6	70
St. Anne's	—	—
Tanner's Brook	20	620
Taunton's	—	—
Western	7	221
Weston Park	5	78
Health Centre	11	295
TOTALS	177	5748

SCHOOL SWIMMING BATHS

Portable swimming baths 20 feet by 10 feet with a capacity of 2,500 gallons were erected and used at four schools for varying periods between the 16th June and the 26th September, excluding holidays. These baths were emptied and filled every Saturday morning and chlorination was carried out daily during the period of usage. Each Friday, the time when maximum pollution seemed likely, samples of water were taken and submitted for bacteriological examination. A number of samples were also submitted for chemical analysis with a view to ascertaining the chlorine content. The large fixed swimming bath of 44,000 gallons at Itchen Grammar School was also subject to a series of samples.

The length of time each school bath was in use is indicated by the following summary of the results of the weekly samples:—

BITTERNE PARK JUNIOR SCHOOL

The results of seven samples were erratic and only the first, fourth and seventh samples were free from coliform bacilli. Two of the three chemical samples showed less than 0.3 p.p.m. of free chlorine.

MANSEL ROAD SCHOOL

The results of eight samples were also erratic, but the third and fourth and last three samples were free from coliform bacilli. Three chemical samples contained nil, 0.12 and 0.13 p.p.m. of free chlorine respectively. Although these figures are very low for chlorine they coincided with the third, fourth and seventh samples.

MANSBRIDGE JUNIOR SCHOOL

Both samples were free from coliform bacilli, although one sample had only 0.2 p.p.m. of free chlorine.

HOLLYBROOK JUNIOR AND INFANTS' SCHOOL

The four samples were free from coliform bacilli, although two samples had only nil and 0.3 p.p.m. of free chlorine.

ITCHEN GRAMMAR SCHOOL

The six samples gave reasonably good results, the second, fourth, fifth and sixth samples being free from coliform bacilli. Tests at the bath when samples were taken varied from 0.01 to 0.3 p.p.m. of free chlorine.

This is the first year a series of samples have been taken and the first time portable baths have been used to any extent, and it is therefore too early to make a fair assessment of possible dangers to health. It is realised that swimming baths without continuous water filtration are a potential danger to health, but the foregoing results indicate that a satisfactory bath water can be achieved if care is taken to mix thoroughly a proper dosage of chlorine additive with the bath water.

After the early unsatisfactory results it was decided to increase the daily dosage of Stabochlor in the portable baths, and an immediate improvement was noted. The standard daily dose is now $1\frac{1}{2}$ oz. The appearance of the water at all the baths was always reported to be good.

During the period when the baths were in use the weather tended to be cool and wet and it may be that adjustment in the routine cleansing and sterilization will be necessary during a period of fine sunny weather and possibly increased usage.

Sampling and advisory visits by the Public Health Inspectors will be continued in 1961 when it is anticipated more portable baths will be in use.

INFECTIOUS DISEASES

Tuberculosis.—The following table shows the number of children notified under the Public Health (Tuberculosis) Regulations, 1952, giving the previous year's notifications in brackets.

Location of Disease	Boys	Girls	Total
Pulmonary Tuberculosis	4 (0)	0 (5)	4 (5)
Non-Pulmonary Tuberculosis	0 (2)	0 (0)	0 (2)
Totals	4 (2)	0 (5)	4 (7)

Vaccination against Tuberculosis.—The arrangements made for the B.C.G. vaccination of school children in the 13 plus age group continued as in previous years. As stated in my last report, all children who were not given the opportunity of receiving a test and subsequent vaccination if necessary, in 1959 were offered this treatment early in 1960. Again this year some schools were not visited, but it is hoped to catch up this work in 1961. Details of the work during 1960 are as follows :—

The schools missed in 1959 were visited in 1960 with the exception of :—

Regent's Park Boys' and Girls'
Sholing Girls'
Western Mixed
Weston Park Boys' and Girls'

The Schools visited in 1960 were :—
Bitterne Park Secondary Mixed
Central Secondary Boys'
Deanery Secondary Mixed
King Edward VI Grammar
Merry Oak Boys'
Millbrook Secondary Mixed
Mount Pleasant Secondary Girls'
Portswood Secondary Mixed
St. George's R.C.
Swaythling Secondary Boys'
Swaythling Secondary Girls'
Taunton's Grammar
Woolston Secondary Mixed

Heaf Tested	Not Read	Positive Reaction	Negative Reaction and Vaccinated
1338	29	469 (35 %)	781 (58.4 %)

Children excluded from School.—The following are particulars of the defects for which children were excluded from school :—

Adenoid operations	17
Bronchitis	1
Ear Trouble	1
Impetigo	35
Miscellaneous	24
Otitis Media	1
Scabies	4
Tonsil and Adenoid operations	80
Tonsil operations	10
Tonsillitis	1
Other E.N.T. defects	17
Total	191

School Meals Service.—The total number of meals served during the year was 2,674,944 including those served at the four grammar schools, viz., Taunton's, King Edward VI, Itchen and the Grammar School for Girls.

For the 28th September, 1960 when figures were supplied to the Ministry of Education for school meal statistics there were 13,043 children taking meals. The percentage of free meals was 7.83. The number of children taking meals was drawn from the following :—

Aldermoor Junior & Infants	236	Redbridge Secondary	283
Ascupart Junior & Infants	91	Regent's Park Secondary	383
Aster House	10	Shirley Junior and Infants	327
Banister	91	Shirley Warren Secondary Mixed	382
Bassett Green Junior & Infants	165	Shirley Warren Junior	162
Beechwood	240	Shirley Warren Infants	67
Bevois Town	73	Sholing Secondary	248
Bitterne Manor	48	Sholing Junior & Infants	129
Bitterne Park Secondary	240	St. Denys Junior & Infants	90
Bitterne Park Junior & Infants	167	St. George's R.C. Secondary	467
Bitterne C. E. Junior & Infants	303	St. John's Junior and Infants	50
Central Secondary	123	St. Joseph's R.C. Junior and Infants	50
Central Junior & Infants	164	St. Jude's C.E. Infants	55
Deanery	126	St. Mark's C.E. Junior	92
Foundry Lane Junior & Infants	199	St. Mary's Junior Girls and Infants	39
Freemantle C.E.	78	St. Monica Junior and Infants	161
Glenfield	146	Springhill R.C.	304
Harefield Junior & Infants	229	Swaythling Secondary Girls & Boys	197
Heathfield Junior & Infants	317	Swaythling Junior & Infants	56
Highfield C. E.	151	Tanner's Brook Junior & Infants	269
Hollybrook Junior and Infants	137	Thornhill Junior & Infants	287
Ludlow Junior & Infants	383	Western Secondary	178
Mansbridge Junior and Infants	52	Weston Park Junior & Infants	264
Mansel Junior & Infants	301	Weston Park Secondary Girls	410
Merry Oak Secondary	320	Weston Park Secondary Boys	253
Millbrook Secondary Girls	199	Wimpson Junior & Infants	250
Millbrook Secondary Boys	146	Woolston Secondary Mixed	203
Moorhill Junior and Infants	123	Woolston R. C.	104
Moorhill Secondary	78	Woolston Infants	58
Mount Pleasant Secondary	172	Grammar School for Girls	552
Newlands Junior & Infants	99	Itchen Grammar School	223
Netley Court	110	King Edward VI Grammar	515
Northam Junior & Infants	31	Taunton's Grammar	390
Portswood Secondary	92		
Portswood Junior & Infants	45		
Redbridge Infants	55		

Adexolin Capsules.—During the year, 1,167 recommendations were made by school medical officers for the supply of adexolin capsules. The total number of children receiving capsules at the end of the year was 3,209.

Milk.—During the year, 4,957,179 third pints of milk were consumed by the children in the schools, and were supplied free of charge.

MEDICAL INSPECTION AND TREATMENT RETURN

YEAR ENDED 31ST DECEMBER, 1960

Number of pupils on registers of maintained and assisted
primary and secondary schools 34,278

PART I—Medical Inspection of pupils attending maintained and assisted primary and secondary schools (including nursery and special schools).

TABLE A—PERIODIC MEDICAL INSPECTIONS

Age groups inspected (by year of birth)	Number of pupils inspected	Physical condition of pupils inspected			
		Satisfactory		Unsatisfactory	
		No.	% of Col. 2	No.	% of Col. 2
(1)	(2)	(3)	(4)	(5)	(6)
1956 and later	—	—	—	—	—
1955	2046	2021	98.78	25	1.22
1954	1724	1692	98.14	32	1.86
1953	235	230	97.87	5	2.13
1952	43	42	97.67	1	2.33
1951	50	50	100.00	—	—
1950	38	38	100.00	—	—
1949	3028	3005	99.24	23	0.76
1948	231	227	98.27	4	1.73
1947	111	110	99.10	1	0.90
1946	2555	2540	99.41	15	0.59
1945 and earlier	585	585	100.00	—	—
TOTAL	10646	10540	99.00	106	1.00

TABLE B—Pupils found to require treatment at periodic medical inspections (excluding Dental Diseases and Infestation with Vermin).

Age groups inspected (By year of birth) (1)	For defective vision (excluding squint) (2)	For any of the other conditions recorded in Part II (3)	Total individual pupils (4)
1956 and later	—	—	—
1955	75	438	471
1954	69	377	413
1953	9	36	44
1952	4	11	13
1951	7	7	12
1950	5	6	10
1949	330	443	703
1948	35	48	72
1947	12	19	28
1946	300	290	526
1945 and earlier	92	68	144
TOTAL	938	1743	2436

TABLE C—OTHER INSPECTIONS

Number of Special Inspections	.....	8720
Number of Re-inspections	.....	16926
Total	.....	25646

TABLE D—INFESTATION WITH VERMIN

Notes:—The arrangements made for the examination and cleansing of infested pupils appear on page 11.

All cases of infestation, however slight, are recorded, and the numbers recorded relate to individual pupils and not to instances of infestation.

(a) Total number of examinations of pupils in schools by school nurses or other authorised persons	.....	62495
(b) Total number of individual pupils found to be infested	.....	215
(c) Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2), Education Act, 1944)	.....	80
(d) Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3), Education Act, 1944)	.....	—

PART II—Defects found by Medical Inspection during the year.

TABLE A.—PERIODIC INSPECTIONS

De- fect Code No.	Defect or Disease	PERIODIC INSPECTIONS							
		Entrants		Leavers		Others		Total	
		Treat- ment	Obser- vation	Treat- ment	Obser- vation	Treat- ment	Obser- vation	Treat- ment	Obser- vation
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4	Skin	52	155	76	85	77	101	205	341
5	Eyes—								
	a. Vision	153	748	392	424	393	412	938	1584
	b. Squint	85	112	24	13	37	47	146	172
	c. Other	10	52	9	9	22	32	41	93
6	Ears—								
	a. Hearing	87	299	33	19	27	48	147	366
	b. Otitis Media	26	177	7	6	14	31	47	214
	c. Other	15	125	4	23	9	38	28	186
7	Nose & Throat	276	1275	28	124	81	424	385	1823
8	Speech	87	341	9	16	14	47	110	404
9	Lymphatic Glands	95	740	2	24	10	180	107	944
10	Heart	20	168	33	125	19	118	72	411
11	Lungs	103	362	35	94	44	115	182	571
12	Developmental								
	a. Hernia	6	26	1	—	—	9	7	35
	b. Other	14	176	11	40	20	124	45	340
13	Orthopaedic—								
	a. Posture	26	110	29	86	35	120	90	316
	b. Feet	123	457	20	189	60	264	203	910
	c. Other	75	527	55	229	68	241	198	997
14	Nervous system—								
	a. Epilepsy	7	22	2	7	10	8	19	37
	b. Other	27	55	2	21	8	24	37	100
15	Psychological—								
	a. Development	4	43	1	9	21	21	26	73
	b. Stability	58	362	7	32	37	151	102	545
16	Abdomen	7	127	7	11	5	30	19	168
17	Other defects	56	106	42	75	56	132	154	313

TABLE B.—SPECIAL INSPECTIONS

Defect Code No. (1)	Defect or Disease (2)	Special Inspections	
		Pupils requiring Treatment (3)	Pupils requiring Observation (4)
4	Skin	1136	23
5	Eyes—		
	a. Vision	780	973
	b. Squint	63	61
	c. Other	56	2
6	Ears—		
	a. Hearing	161	23
	b. Otitis Media	3	1
	c. Other	72	11
7	Nose and Throat	162	160
8	Speech	24	9
9	Lymphatic Glands	14	10
10	Heart	18	86
11	Lungs	29	31
12	Developmental—		
	a. Hernia	—	—
	b. Other	14	3
13	Orthopaedic—		
	a. Posture	75	9
	b. Feet	65	11
	c. Other	244	23
14	Nervous system—		
	a. Epilepsy	2	2
	b. Other	7	9
15	Psychological—		
	a. Development	3	8
	b. Stability	145	5
16	Abdomen	—	1
17	Other defects	1155	179

PART III—Treatment of pupils attending maintained and assisted Primary and Secondary Schools (including Nursery and Special Schools).

*Notes:—*This part of the return includes all cases treated or under treatment by the Authority's own staff, in the Authority's school clinics under National Health Service arrangements with the Regional Hospital Board, and cases known to the Authority to have been treated or under treatment elsewhere during the year.

TABLE A—EYE DISEASES, DEFECTIVE VISION AND SQUINT

	Number of cases known to have been dealt with
External and other, excluding errors of refraction and squint	18
Errors of refraction (including squint)	1486
TOTAL	1504
Number of pupils for whom spectacles were prescribed	1063

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

	Number of cases known to have been dealt with
Received operative treatment	
(a) for diseases of the ear	16
(b) for adenoids and chronic tonsillitis	248
(c) for other nose and throat conditions	22
Received other forms of treatment	456
TOTAL	742
Total number of pupils in schools who are known to have been provided with hearing aids	
(a) in 1960	13
(b) in previous years	41

TABLE C—ORTHOPAEDIC AND POSTURAL DEFECTS

	Number of case known to have been treated
Pupils treated at clinics or out-patients departments	1167
Pupils treated at school for postural defects	48
TOTAL	1215

TABLE D—DISEASES OF THE SKIN
(excluding uncleanness, for which see Table D of Part 1)

				Number of cases known to have been treated
Ringworm—				—
(i) Scalp	00000	00000	00000	1
(ii) Body	00000	00000	00000	44
Scabies	00000	00000	00000	67
Impetigo	00000	00000	00000	1271
Other skin diseases	00000	00000	00000	
TOTAL				1383

TABLE E—CHILD GUIDANCE TREATMENT

	Number of cases known to have been treated
Pupils treated at Child Guidance Clinic	590*

* This figure includes 130 children seen at school.

TABLE F—SPEECH THERAPY

Number of pupils treated by Speech therapists	Number of cases known to have been treated
	344

TABLE G—OTHER TREATMENT GIVEN

	Number of cases known to have been dealt with			
Pupils with minor ailments	1687			
Pupils who received convalescent treatment under School Health Service arrangements	—			
Pupils who received B. C. G. vaccination	781			
Other than above—				
(i) Rheumatism and Heart	82			
(ii) Lungs	136			
(iii) Nervous System	25			
(iv) Developmental	45			
(v) Cervical Glands	29			
TOTAL	2785			

PART IV—Dental Inspection and Treatment carried out by the Authority.

(1)	Number of pupils inspected by the Authority's Dental Officers :—					
	(a) At Periodic Inspections	6576				
	(b) As Specials	2717	TOTAL (1)			9293
(2)	Number found to require treatment					7447
(3)	Number offered treatment					7060
(4)	Number actually treated					3361
(5)	Number of attendances made by pupils for treatment, including those recorded at 11(h)					9235
(6)	Half-days devoted to :—					
	(a) Periodic (School) Inspection	78				
	(b) Treatment	1422	TOTAL (6)			1500
(7)	Fillings :—					
	(a) Permanent Teeth	8455				
	(b) Temporary Teeth	394	TOTAL (7)			8849
(8)	Number of teeth filled :—					
	(a) Permanent Teeth	6883				
	(b) Temporary Teeth	357	TOTAL (8)			7240
(9)	Extractions :—					
	(a) Permanent Teeth	1328				
	(b) Temporary Teeth	2688	TOTAL (9)			4016
(10)	Administration of general anaesthetics for extraction					1890
(11)	Orthodontics :—					
	(a) Cases commenced during the year					8
	(b) Cases carried forward from previous year					9
	(c) Cases completed during the year					11
	(d) Cases discontinued during the year					3
	(e) Pupils treated with appliances					17
	(f) Removable appliances fitted					10
	(g) Fixed appliances fitted					—
	(h) Total attendances					150
(12)	Number of pupils supplied with artificial teeth					43
(13)	Other operations :—					
	(a) Permanent teeth	1434				
	(b) Temporary teeth	546	TOTAL (13)			1980

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THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

RESEARCH REPORT

REPORT NO. 100

BY

DR. J. R. OPPENHEIMER

AND

DR. H. A. BETHE

CHICAGO, ILLINOIS

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