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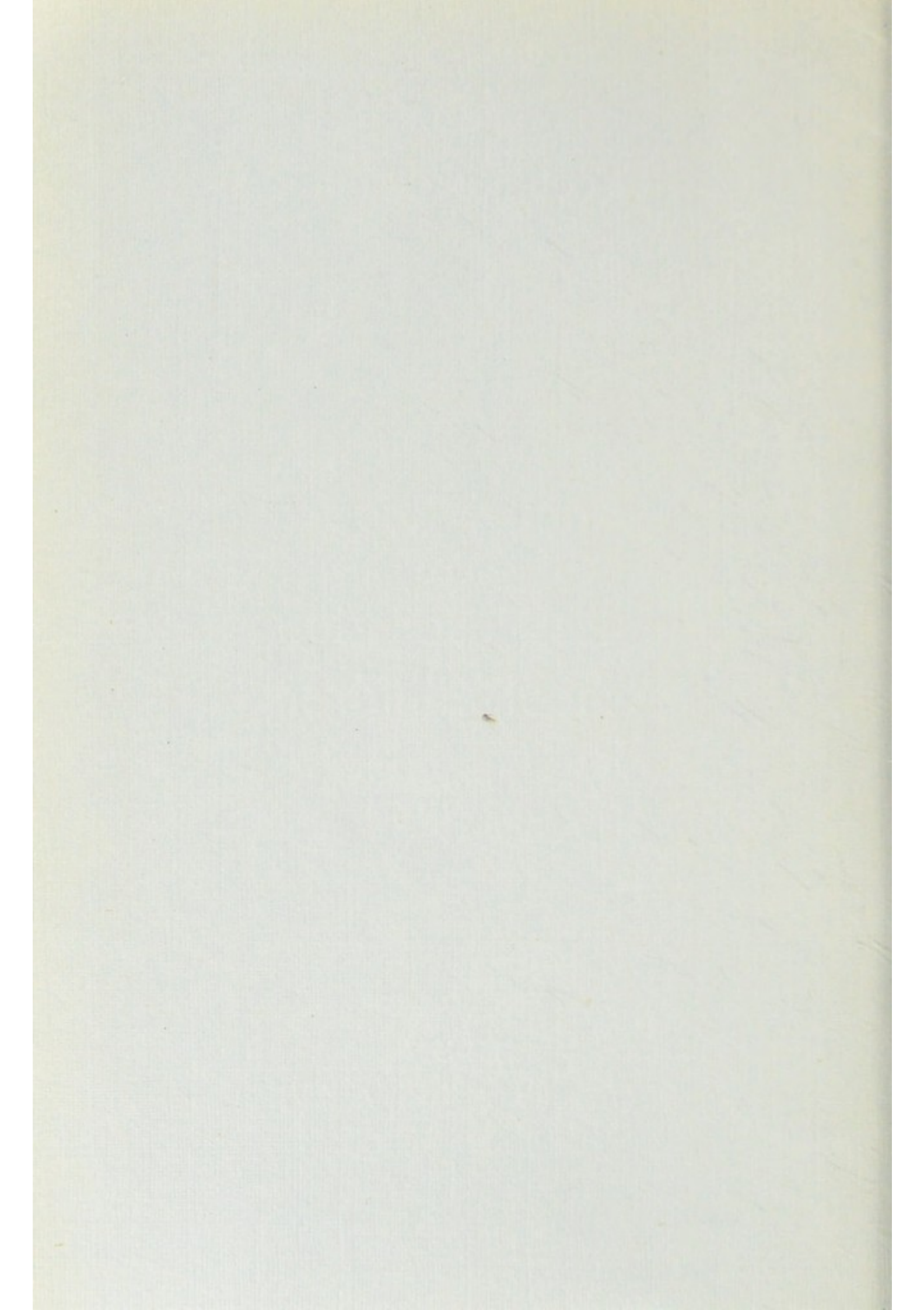
COUNTY COUNCIL OF DUNBARTON



Annual Report
on the
Medical Inspection of
School Children

By SAMUEL HARVEY,
M.B., Ch.B., D.P.H., M.R.C.P. (Edin.)
Medical Officer of Health

1956-1957
(Year ending 31st July, 1957)



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*To the Department of Health for Scotland and the County
Council of the County of Dunbarton.*

LADIES AND GENTLEMEN,

I beg to submit the Annual Report on the Medical
Inspection and Treatment of School Children for the year
ended 31st July, 1957.

I am, Ladies and Gentlemen,

Your obedient servant,

SAMUEL HARVEY,
Medical Officer of Health.

COUNTY HEALTH DEPARTMENT,
88 COLLEGE STREET,
DUMBARTON.

COUNTY COUNCIL OF DUNBARTON

SCHOOL MEDICAL STAFF

Supervising School Medical Officer

SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)

School Medical Officers

IAIN MACLEOD, M.B., Ch.B., D.P.H.

CHARLES C. SLORACH, M.B., Ch.B., D.P.H. (part-time).

AGNES W. B. F. O'GORMAN, L.R.C.P., L.R.C.S.(Edin.),
L.R.F.P.S.(Glas.), D.P.H.

HAROLD C. T. SMITH, M.B., Ch.B.

JEAN A. EADIE, M.B., Ch.B. (part-time).

Chief Dental Officer

FELIX A. CASSIDY, L.D.S., D.D.S.(McGill).

Dental Surgeons

ELIZ. McKENDRICK,
L.D.S.

MARY W. DINN, L.D.S.

DOROTHY EDWARD,
L.D.S.

RICHARD DOCHERTY,
L.D.S.

HAROLD STOLL, L.D.S.

STANLEY W. BUNTING,
L.D.S.

JAMES H. FERGUSON, L.D.S.

HELEN M. GALE, B.D.S.

SYBIL MUIRIE, L.D.S.

THOMAS Y. MEEK, L.D.S.

Senior Dental Technician

JAMES FYFE.

Ophthalmic Surgeon

JAMES N. TENNENT, M.B., Ch.B., B.Sc., D.O.M.S., F.R.F.P.S.

Ear, Nose and Throat Specialist

J. FULTON CHRISTIE, M.B., Ch.B., F.R.F.P.S.

Anæsthetists

A. FERGUS McINTYRE, M.B., Ch.B.

H. P. COOPER HARRISON, M.B., Ch.B.

Superintendent Physiotherapist

MORAG T. GALLOWAY.

Physiotherapists

AGNES McF. MALCOLM. JEAN S. A. HOWATT.
ELIZ. M. Y. McNICOL. GEO. MARSHALL (part-time).

Superintendent of Nurses

CATHERINE T. GAVIN.

Nursing Staff

ELEANOR I. CHRISTIE.	JANE P. SCOTT.*
KATH. S. STEVENSON.	ELSIE M. RANKIN.
ALICE GEE.	JEAN P. McHAFFIE.
MARGT. W. CHRISTIE.	ELIZ. T. CRAWFORD.
AGNES C. JOHNSTON.*	AGNES TAYLOR.*
CHRISTINA S. L. KING.	ELIZ. A. SANDILANDS.
MARGARET CALLANDER.	MARGT. M. MACDONALD.
MARGARET G. MILLER.	CATHERINE DEMPSEY.
MARY CALLAGHAN.	ANNIE McCANN.
EVELYN R. McLETCHE.	EMMA B. SMITH.
CATHERINE M. SCOBIE.	CATHERINE ALLISON.*
WILLIAMINA CAFFEL.	

*Employed solely on School Medical Duties.

Audiometrician

CHRISTINA P. ROGERS.

Orthoptist

WINNIFRED M. McALISTER.

Dental Attendants

ANNIE J. RAE.	CHRISTINE MACNAUGHTON.
ANN McL. CAMERON.	MARJORIE E. P. GARDNER.
MARGARET CAMERON.	MARTHA W. KINLOCH.
MARY B. GUTHRIE.	MARGARET BOYLE.
MARGARET SAMSON.	

Orthopædic Clinic Attendant

MARGARET C. BLACK.

Clerks (part-time)

ELIZABETH A. McLEAN. ELIZABETH MACFARLANE.
MARY BALLANTINE.

REPORT

ON THE

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN THE COUNTY OF DUNBARTON.

1.—LIST OF STAFF.

(see pages 4 and 5)

2.—(a) NUMBER OF SCHOOLS.

School Management Area.

Cumbernauld	-	-	-	-	-	4
Kirkintilloch	-	-	-	-	-	7
New Kilpatrick	-	-	-	-	-	5
Old Kilpatrick	-	-	-	-	-	17
Dumbarton	-	-	-	-	-	7
Vale of Leven	-	-	-	-	-	12
Helensburgh	-	-	-	-	-	10
						—
						62
						—

(b) NUMBER OF CHILDREN ON REGISTER AND IN AVERAGE
ATTENDANCE DURING SESSION 1956/57.

<i>School Management Area.</i>	<i>Average on Roll.</i>	<i>Average Attending.</i>	<i>Per Cent.</i>
Cumbernauld - -	909.0	844.2	92.8
Kirkintilloch - -	4071.7	375.3	92.1
New Kilpatrick - -	2524.2	2351.1	93.1
Old Kilpatrick - -	9722.8	8941.1	92.9
Dumbarton - -	5364.1	4941.6	92.1
Vale of Leven - -	3897.3	3598.1	92.3
Helensburgh - -	2111.9	1921.7	91.0
Total -	28601.0	26350.9	92.1

NUMBER OF VISITS FOR SYSTEMATIC EXAMINATIONS.

Note.—One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above	-	-	-	-	-	-	-	-	416
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NUMBER OF SPECIAL VISITS BY MEDICAL OFFICERS.

For examination of backward, mentally or physically defective children	-	-	-	-	-	-	-	-	43
For re-examination of defective children	-	-	-	-	-	-	-	-	18
Attendances at school clinics	-	-	-	-	-	-	-	-	316
Attendances for office work, &c.	-	-	-	-	-	-	-	-	22
For inquiry regarding infectious diseases (including scabies)	-	-	-	-	-	-	-	-	3
Diphtheria immunisation	-	-	-	-	-	-	-	-	41
Others	-	-	-	-	-	-	-	-	119
									562

SANITARY CONDITIONS OF SCHOOLS.

During the Annual Inspection of properties, the Committee examined the lavatories at many of the schools, and satisfaction was expressed with the manner in which these are being kept by the respective Janitors. As in former years approval was given to replace all defective or broken W.C. pans, cisterns, wash-hand basins, drinking fountains, &c., and a fairly extensive programme of painter work and limewashing of toilet apartments was carried out. The Committee also sanctioned an increased expenditure on the redecoration of our School Buildings, and a considerable number of classrooms were washed down during the vacation periods.

In Clydebank area new lavatories were erected for infant pupils at Our Holy Redeemer's R.C. School.

ORGANISATION AND ADMINISTRATION.

For Organisation and Administration, &c., and Co-operation with Public Health Department, Section A, B, C, D, E and F, see pages 9 to 15 of the Annual Report, 1948-49.

PARENTS PRESENT AT INSPECTION.

<i>School Management Area.</i>	<i>Number of Children Examined.</i>	<i>No. of Parents Present at Routine Examinations.</i>	<i>Per Cent.</i>
Cumbernauld - -	266	151	56.7
Kirkintilloch - -	1084	546	50.3
New Kilpatrick - -	637	362	50.7
Old Kilpatrick - -	2737	1459	54.0
Dumbarton - -	1738	778	44.7
Vale of Leven - -	1215	509	41.8
Helensburgh - -	611	205	33.5
Total -	8288	4010	48.3

GENERAL REVIEW.

Routine inspection was carried out on 8288 children—an increase of 427 from last year's total.

The number of children examined non-routinely, i.e., at clinics mainly, was 1838.

Four thousand and ten parents were present at the routine examinations.

PHYSICAL CONDITION.

The percentage of children found to be free from all defects on routine school examination was 56.2, as against the previous session's figure of 53.8. The percentage of children free from defects in the different age groups was as follows:—

Entrants - - - -	49.0
Second Age Group - - -	58.9
Third Age Group - - -	66.3
Fourth Age Group - - -	60.9

In Table I the number of children who were found to be requiring treatment (excluding uncleanliness and dental caries) and whose parents were so advised was 425, 303 less than last session.

76.0 per cent. of the children examined had already been immunised against diphtheria.

DEFECTS AND DISEASES.

Clothing.—During the session 5 children were found to have unsatisfactory clothing.

Footgear.—5 cases of unsatisfactory footgear were noted.

Uncleanliness.—The percentage of children found to be in a verminous condition of head and/or body shows a decrease from 1955-56—3.5 per cent. as compared with 4.1 per cent. 6.0 per cent. of girls examined were in this category as against 1.0 per cent. of the boys.

Skin Diseases.—5 cases of impetigo of the head were found, a decrease of 14 from last year's total.

Nutrition.—8 children were noted as suffering from bad nutrition. This is an increase of 4 from last year.

In the special eye examination of the 1949 age group, 87.7 per cent. had normal vision.

SCHOOL DENTAL SERVICE.

ANNUAL REPORT, 1956-57.

The Statistical Table on page 18 gives the amount of Dental Treatment carried out for the school children. Also recorded this year under the heading of "Additional Information" are some of the more important items of treatment formerly hidden in the Statistical Table under "Other Operations."

Since the imposition of a charge for dentures under the National Health Service there has been an ever-increasing number of Expectant and Nursing Mothers seeking treatment at the Clinics mainly for the extraction of teeth and the provision of dentures. This has caused an encroachment on the time allotted for the treatment of school children.

There appears to be further evidence for the statement made last year that dental decay would appear to be more rapid in its destructive action now than some years ago—this appears

especially to the four "six year old" molar teeth and to the lower molars in particular.

There is great need for more Dental Research at a National level, and it is stimulating to learn of the recent dental research projects being carried out in America. I had an opportunity to hear of these at first hand when during the summer school closure I attended the Annual Meeting of the American Dental Society of Europe held in London. With the use of modern scientific methods, e.g., radio isotopes, many of our previous ideas as to the behaviour of the components of the teeth have had to be altered. Some progress has also been made in solving the problem of the rapidity of dental decay in childhood against its much slower action in the teeth of adults.

Again research on animals has shown that heat processed foods and a component of dried milk have a detrimental effect on their teeth, as both these articles are common to human beings further investigation will be watched with interest.

Dental decay being the most widespread of all diseases to-day it is essential that every avenue of prevention be explored.

F. A. CASSIDY.

SPECIAL THERAPY REPORT, 1956-57.

PROCEDURE.

1. Cases are treated individually and in groups of two, three, or four.
2. A treatment session may last from 20 minutes to one hour and about 15 cases are treated at each centre per day.
3. Parents are seen as frequently as possible and are very co-operative.
4. Cases are frequently referred to School Medical Officers, Psychologists and Dentists for Surgical, Medical, Psychological, Educational, Dental or Orthodontic consultations or treatments necessary to speech re-adjustment.

5. Visits are paid to schools and much valuable assistance is given by head teachers and assistant staff.
6. Especially valuable is the guidance given by the Director of Education, Dr. Anne McAllister (Hon. Consultant) and Miss Calvert (Principal Psychologist).
7. Every possible facility is given by the County Medical Officer, other County Medical Officers and the nursing staff to ensure that the centres are available and as suitable as possible for Speech Therapy Treatment.
8. All Therapists employed by the County are fully qualified in this particular branch of Child Guidance work, and in addition one of the seven is a fully qualified experienced teacher. The ready advice and treatment given at their request by other County Specialists constitutes a team service for every speech-disordered child.
9. Again during this session a number of pre-school children have been admitted for treatment. The results have been very satisfactory.
10. The audiometer (gramophone, puretone and peep-show) is of great assistance in the cases where speech defect is due to partial deafness.
11. The three sound-recording units are a valuable asset in treatment.
12. The speech survey carried out some years ago by the Therapists has been kept up to date by the surveying of all children admitted to school during the current session.
13. In the past year the Glasgow School of the College of Speech Therapists has sent students for observation and clinical training.

BETSY C. MCORIST,
Senior Speech Therapist.

SPECIAL SCHOOLS AND CLASSES.

SPECIAL SCHOOLS.

Milton Special School.

This school caters for mentally handicapped pupils from the Western portion of the County. There are four classes at Milton School with a total roll of 80. There is also an Occupational Centre at Gavinburn with 45 pupils on the roll.

SPECIAL CLASSES.

- (a) For mentally handicapped children—*Whitecrook School, Clydebank*, with 21 on the roll (one class); *Lairdsland School, Kirkintilloch*, with 18 on the roll (one class). Total number of pupils—39.
- (b) For physically handicapped children—*Hartfield School, Dumbarton*, with 14 on the roll (one class).
- (c) For conservation of vision—*Whitecrook School, Clydebank*, with 6 on the roll (one class); *Hartfield School, Dumbarton*, with 7 on the roll (one class). Total number of pupils—13.
- (d) For deaf-mute children—*Hartfield School, Dumbarton*, with 11 on the roll (one class).

INSTITUTIONS.

- (1) Number of physically handicapped children in Institutions paid for by the County Council — 14
- (2) Number of mentally handicapped children in Institutions paid for by the County Council — 5
- (3) Number of Blind Persons in training under the Blind Persons Act, 1920 (cost of training borne by the County Council and maintenance by the Local Authority - - - - - Nil.

REMOVAL OF TONSILS AND/OR ADENOIDS.

During the year 649 children were operated on for the removal of Tonsils and/or Adenoids. Of these 126 were pre-school children. There still remained at the end of the year 139 children awaiting examination.

This is an increase in the number of operations, 649 as against 518 last year.

MEDICAL INSPECTION OF SPECIAL SCHOOLS.

During the present session 157 children, 77 boys and 80 girls, were examined. Of these 109 were found to be mentally defective (educable) and 18 mentally defective (ineducable), 12 had a congenital deformity, while 6 were suffering from other deformities. Clothing and footgear were satisfactory in all but 6 cases, 23 children were found to have a verminous condition of the head and/or body, and 22 children were found to have unhealthy mouths. 50 parents were present at the medical examinations and notices were issued to all parents whose children were found to be suffering from a particular defect.

MILK-IN-SCHOOLS SCHEME.

The average number of pupils taking milk-in-schools during Session 1956/57 was 270,864 (approximately 84 per cent. of the roll).

ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE IN SCHOOL.

Details of physical education arrangements are as contained in the Report for 1948-49.

ADMISSION OF CHILDREN TO APPROVED SCHOOLS.

During the year 22 children were committed by the Sheriff to the following Institutions:—

Balgary, Dundee.
 Dalbeth Girls' School, Bishopton.
 Dr. Guthrie's Boys' School, Edinburgh.
 Dr. Guthrie's Girls' School, Edinburgh.
 Kenmure St. Mary's Boys' School, Bishopbriggs, Glasgow.
 Kibble School, Paisley.
 Mossbank Approved School, Millerston, Glasgow.
 Rossie Farm, Montrose.
 Springboig St. John's Boys' School, Shettleston, Glasgow.
 St. Joseph's, Tranent.
 St. Ninian's, Kirkconnel.
 Thornly Park Approved School, Paisley.

ULTRA VIOLET LIGHT TREATMENT.

The following are details of the work done at Dumbarton, Clydebank, Kirkintilloch, Bearsden, Alexandria and Helensburgh Clinics during the year :—

Number of patients treated -	-	138
Total number of attendances -	-	1838
Average number of treatments -	-	70

<i>Cause of Reference.</i>	<i>No. of Patients.</i>	<i>No. Improved.</i>	<i>Condition Unchanged.</i>
Bronchitis, etc. - -	44	41	3
Debility - - - -	72	55	17
Skin Conditions - -	3	2	1
Others - - - -	19	17	2
Totals - - - -	138	115	23

TABLE I.

Total number of children examined at :—

(a) *Ordinary Schools*—

	<i>Systematic Examinations</i>	<i>Other Systematic Examinations.</i>
Entrants - - -	2928	—
Second Age Group	2954	—
Third Age Group -	2173	1838

Secondary Schools—

Fourth Age Group -	223	—
Totals -	8288	1838

(b) Other Examinations—

Special cases - - - - -	76
Re-inspection by Medical Officer - -	123
	199

Number of individual children inspected at systematic examinations who were notified to parents as requiring treatment (excluding uncleanliness and Dental Caries):—

Entrants - - - - -	104
Second Age Group - - - - -	154
Third Age Group - - - - -	152
Secondary Age Group - - - - -	15
Other systematic examinations - - - - -	—
Total - - - - -	425

TABLE II.—SYSTEMATIC EXAMINATIONS
TOTAL EXAMINED AT ALL AGES—8289

Total Examined in Each Age Group—By Sexes	Entrants				Second Age Group				Third Age Group				Fourth Age Group				All Ages				Non-Rou-1898	
	1542		1386		1506		1448		1094		1079		114		119		4256		4032			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
No. showing Defects	1	0.06	1	0.07	—	—	1	0.06	—	—	—	2	0.1	—	—	—	—	1	0.02	4	0.09	2
Nature of Defect—																						
1. Clothing Unsatisfactory	1	0.06	1	0.07	—	—	1	0.06	1	0.06	1	0.1	—	—	—	—	—	3	0.07	2	0.04	—
2. Footgear Unsatisfactory	1	0.06	1	0.07	1	0.06	1	0.06	1	0.06	1	0.1	—	—	—	—	—	36	0.9	242	6.0	65
3. Unsoundness—																		9	0.2	10	0.2	10
(a) Head	21	1.3	78	5.6	13	0.8	101	6.9	2	0.1	63	5.8	—	—	—	—	—	—	—	—	—	—
(b) Body	1	0.06	1	0.07	5	0.3	7	0.4	3	0.2	2	0.1	—	—	—	—	—	—	—	—	—	—
4. Skin—																						
(a) General	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(b) Ringworm	2	0.1	1	0.07	—	—	2	0.1	—	—	—	—	—	—	—	—	—	2	0.04	3	0.07	65
(c) Impetigo	17	1.1	7	0.5	11	0.7	10	0.6	11	1.0	18	1.7	5	4.3	5	4.2	44	1.0	40	0.9	68	1
(d) Other Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26
(e) Body—																						
(a) Eczema	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(b) Scabies	26	1.6	21	1.5	25	1.6	26	1.7	5	0.4	15	1.3	1	0.8	7	5.8	57	1.3	69	1.7	138	—
(c) Other Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Defective Speech—																						
(a) Stuttering	9	0.5	7	0.5	26	1.6	23	1.5	16	1.4	15	1.3	—	—	—	—	—	51	1.2	45	1.1	—
(b) Slightly Defective	1	0.06	—	—	2	0.1	2	0.1	2	0.1	2	0.1	—	—	—	—	—	5	0.1	3	0.07	—
(c) Bad	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Mouth and Teeth Un-																						
healthy—																						
(a) Mouth	300	19.4	285	20.5	266	17.6	211	14.5	213	19.4	151	14.0	17	14.9	5	4.2	799	19.7	652	16.1	12	—
(b) Teeth																						
(a) Decay	99	6.4	61	4.4	15	1.0	16	1.1	3	0.2	4	0.3	—	—	—	—	117	2.8	81	2.0	10	—
(b) Rot. Req. Op.	49	3.1	40	2.9	13	0.8	16	1.1	3	0.2	4	0.3	—	—	—	—	62	1.4	66	1.3	85	—
(c) Other Conditions	3	0.2	4	0.3	19	1.3	23	1.6	1	0.1	7	0.6	—	—	—	—	154	3.6	70	1.7	54	—
7. Nasal—																						
(a) External	10	0.6	4	0.3	6	0.3	12	0.8	2	0.1	7	0.6	1	0.8	—	—	—	19	0.4	23	0.5	49
(b) Internal	2	0.1	3	0.2	3	0.1	4	0.2	1	0.1	1	0.1	—	—	—	—	6	0.1	8	0.2	25	—
(c) Other Conditions	65	4.2	51	3.7	83	5.8	27	1.9	15	1.3	12	1.1	—	—	—	—	113	2.7	85	2.1	50	—
8. Eye Conditions—																		8	0.1	9	0.2	22
(a) Conjunctivitis	7	0.4	2	0.1	1	0.06	6	0.4	—	—	—	—	—	—	—	—	—	8	0.1	9	0.2	22
(b) Strabismus	2	0.1	5	0.3	123	8.1	114	7.8	84	7.6	95	8.8	15	13.1	18	15.1	224	5.3	232	5.7	137	—
(c) Other Diseases	2	0.1	5	0.3	123	8.1	114	7.8	84	7.6	95	8.8	15	13.1	18	15.1	224	5.3	232	5.7	137	—
(d) Vision	2	0.1	5	0.3	123	8.1	114	7.8	84	7.6	95	8.8	15	13.1	18	15.1	224	5.3	232	5.7	137	—
(e) Far Vision	1	0.06	1	0.07	60	3.9	40	2.7	64	5.8	56	5.1	8	7.0	10	8.4	133	3.1	107	2.6	96	—
(f) Near Vision	1	0.06	1	0.07	60	3.9	40	2.7	64	5.8	56	5.1	8	7.0	10	8.4	133	3.1	107	2.6	96	—
9. Ear Conditions—																						
(a) Diseases	49	3.1	62	4.4	132	8.7	145	10.0	115	10.6	130	12.0	12	10.0	14	11.7	308	7.2	351	8.7	34	—
(b) Otitis Media	2	0.1	1	0.07	3	0.1	1	0.06	1	0.1	1	0.1	—	—	—	—	6	0.1	3	0.07	6	—
(c) Other Diseases	9	0.5	8	0.5	8	0.5	10	0.6	4	0.3	5	0.4	—	—	—	—	21	0.4	25	0.6	126	—
10. Defective Hearing—																						
(a) Grade I	4	0.2	1	0.07	2	0.1	3	0.2	3	0.2	4	0.1	1	0.8	—	—	10	0.2	5	0.1	30	—
(b) Grade II	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(c) Grade III	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. Stammering	9	0.5	9	0.6	1	0.06	3	0.2	3	0.2	1	0.1	—	—	—	—	10	0.2	12	0.2	6	—
12. Heart Conditions—																						
(a) Congenital	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(b) Acquired	2	0.1	3	0.2	3	0.1	2	0.1	3	0.2	3	0.2	1	0.8	1	0.8	7	0.1	6	0.1	2	—
(c) Functional	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13. Lung Conditions—																						
(a) Chronic	7	0.4	7	0.5	5	0.3	3	0.2	1	0.1	—	—	—	—	—	—	13	0.3	10	0.2	11	—
(b) Acute	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(c) Tuberculosis	102	6.6	65	4.7	40	2.6	28	1.9	20	1.8	7	0.6	3	2.6	1	0.8	165	3.9	104	2.5	48	—
14. Deformities—																						
(a) Congenital	4	0.2	3	0.2	4	0.2	1	0.06	5	0.4	—	—	2	1.7	—	—	15	0.4	4	0.09	4	—
(b) Acquired	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	0.07	3	0.07	2	—
(c) Paralysis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(d) Rickets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(e) Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15. Injuries	18	1.1	11	0.7	8	0.5	18	1.2	12	1.0	9	0.8	1	0.8	—	—	39	0.9	38	0.9	24	—
16. Other Diseases and Defects	90	5.8	69	4.9	105	7.0	74	5.1	42	3.8	31	2.8	2	1.7	4	3.3	239	5.6	178	4.4	645	—
17. Diph. Immunisation	1098	71.2	959	69.1	1145	76.0	1144	79.0	858	78.4	886	82.1	92	80.7	88	73.9	3198	75.5	3077	76.0	—	—

TABLE III.—SYSTEMATICAL MEDICAL EXAMINATION

Classification	Entrants		Second Age-Group		Third Age-Group		Fourth Age-Group		Total	
	Number of Children	Percentage of the Children Examined in this Group	Number of Children	Percentage of the Children Examined in this Group	Number of Children	Percentage of the Children Examined in this Group	Number of Children	Percentage of the Children Examined in this Group	Number of Children	Percentage of the Children Examined at Systematic Medical Examinations
I.—Children free from Defects	1447	49.0	1740	58.9	1320	66.3	142	60.9	4659	56.2
II.—Children (otherwise free from defects) who suffer from—										
(a) Defective vision not worse than 6/12 in the better eye with or without glasses...	18	0.6	202	6.8	190	9.2	32	13.7	442	5.3
(b) Conditions of the Mouth and Teeth requiring treatment...	364	12.4	314	10.6	263	12.1	10	4.2	951	11.4
(c) Both (a) and (b) ...	—	—	34	1.1	52	2.3	5	2.2	91	1.1
Total ...	382	13.0	550	18.6	505	23.2	47	20.1	1484	16.7
III.—Children suffering from Ailments (other than those mentioned in II) from which complete recovery is expected within a few weeks ...	987	34.0	555	18.7	263	12.1	28	12.1	1843	22.2
IV.—Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II and III, distinguishing cases—										
(a) Where complete cure of restoration of function (in the case of eye defects full correction) is considered possible ...	81	2.7	93	3.1	56	2.6	14	6.0	244	2.9
(b) Where improvement only is considered possible, e.g., without complete restoration of function ...	21	0.7	16	0.5	19	0.9	2	0.8	58	0.7
Total ...	102	3.8	109	3.3	75	3.4	16	6.8	302	3.6
Total Number of Children Examined ...	2928	—	2954	—	2173	—	233	—	8828	—

TABLE IV.
RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE IN THIS AREA

Disability		At Ordinary School	At Special Schools or Classes	At No School or Institutions	Total
1.	Blind	—	—	3	3
2.	Partially Sighted— (a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition (b) Other conditions of the eye, e.g., cataract, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school	—	13	—	13
3.	Deaf—Grade I Grade IIA Grade IIB Grade III	57 91 3 —	— — 3 24	— — 3 —	— 57 91 9 24
4.	Defective Speech— (a) Defects of articulation requiring special educational measures (b) Stammering requiring special educational measures	—	—	—	—
5.	Mentally Defective (Children between 5 and 16 years)— (a) Educable (I.Q. approx. 50-70) (b) Ineducable (I.Q. generally less than 50)	6 —	123 35	4 3	133 38
6.	Epilepsy— (a) Mild and occasional (b) Severe (suitable for care in a residential school)	—	3 3	2 —	5 3
7.	Physically Defective (Children between 5 and 16 years)— (a) Non-pulmonary tuberculosis (excluding cervical glands) (b) General orthopaedic conditions (c) Organic heart disease (d) Other causes of ill-health	— 2 — —	2 20 8 10	1 — — 6	3 22 8 16
8.	Multiple Defects— (a) Mentally defective (educable) and epilepsy (mild) (b) Mentally defective (ineducable) and epilepsy (mild) (c) Mentally defective (educable) and partially sighted (refractive error) (d) Physically defective (other causes of ill-health) and partially sighted (refractive errors)	—	—	—	—
Total		159	244	22	425

TABLE V.—DENTAL INSPECTION AND TREATMENT.

(1) Inspected by the Dental Officers:—					(b) <i>Special</i>		
					<i>Emergency</i>		
<i>Age.</i>				(a) <i>Systematic</i>	<i>Cases.</i>		<i>Total.</i>
				<i>Examinations.</i>			
5	-	-	-	227	356		583
6	-	-	-	457	453		910
7	-	-	-	791	512		1303
8	-	-	-	1451	476		1927
9	-	-	-	1705	443		2148
10	-	-	-	768	419		1187
11	-	-	-	456	325		781
12	-	-	-	228	326		554
13	-	-	-	282	373		655
14	-	-	-	1	305		306
15	-	-	-	—	80		80
15 +	-	-	-	—	46		46
					<i>Special or</i>		
					<i>Systematic</i>	<i>Emergency</i>	
					<i>Examinations.</i>	<i>Cases.</i>	<i>Total.</i>
(2)	Found to require Treatment				5717	4107	9390
	(a) Number accepting treatment	-	-	-	4065	4104	8166
(3)	Actually treated by School Dental Officers	-	-	-	3287	4103	7390
(4)	Number of Attendances made by Children for treatment	-	-	-	10,056	13,679	23,735
(5)	Fillings—						
	(a) Permanent Teeth	-	-		5317	4897	10,214
	(b) Temporary Teeth	-	-		706	491	1197
(6)	Extractions—						
	(a) Permanent Teeth	-	-		826	2321	3147
	(b) Temporary Teeth	-	-		3204	4809	8013
(7)	Number of Administrations of a general anæsthetic for Extractions	-	-	-	463	1051	1514
(8)	Other Operations—						
	(a) Permanent Teeth	-	-		2598	2685	5283
	(b) Temporary Teeth	-	-		308	183	491
(9)	Half-days devoted to—						
	(a) Inspection	-	-	-	64	—	64
	(b) Treatment	-	-	-	2174	1871	4045
(10)	Children treated under private arrangements—No reliable information available.						

TABLE VIII.

PREVIOUS ILLNESSES

	No. of Routine Cases Examined	Measles		Whooping Cough		Chicken Pox		Mumps		Scarlet Fever		Diphtheria		Smallpox		Rheuma- tism		Fits		Others	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Entrants ...	2928	2259	79.5	890	30.3	1032	34.9	560	19.3	130	4.4	1	0.03	-	-	1	0.03	-	-	1073	36.6
Second Age- Group ...	2954	2691	91.0	1551	52.1	1773	60.0	1232	41.7	273	9.2	4	0.1	-	-	8	0.2	-	-	1383	46.8
Third Age- Group ...	2173	2015	97.9	1365	68.0	1373	68.3	1067	49.6	227	10.4	25	1.1	-	-	23	1.0	-	-	1165	53.7
Fourth Age- Group ...	233	215	92.2	159	68.2	162	69.5	124	53.2	28	12.0	9	3.8	-	-	3	1.2	-	-	134	57.5
TOTAL ...	8288	7180	86.6	3965	47.8	4340	52.3	2983	36.0	658	7.9	39	0.4	-	-	35	0.4	-	-	3755	45.3

TABLE IX.

VERMINOUS CONDITIONS

The following table summarises on an area basis the number of children showing evidence of verminous conditions of the head, or body, or both.

School Management Area	No. of Routine Cases Examined			No. Showing Evidence of Vermin			Percentage		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Cumbernauld	142	124	266	1	11	12	0.8	8.8	4.4
Kirkintilloch	565	519	1084	—	16	16	—	3.0	1.1
New Kilpatrick	309	328	637	—	—	—	—	—	—
Old Kilpatrick	1413	1324	2737	19	72	91	1.3	5.4	3.2
Dumbarton	890	848	1738	4	82	86	0.4	9.6	4.9
Vale of Leven	623	592	1215	14	50	64	2.2	8.4	5.2
Helensburgh	314	297	612	7	21	28	2.2	7.9	4.5
Total	4256	4032	8288	45	252	297	1.0	6.0	3.5

TABLE X.
THROAT, NOSE AND EAR CLINICS

	CLYDEBANK			KIRKINTILLOCH			DUMBARTON			TOTAL		
	School	Pre-School	Total	School	Pre-School	Total	School	Pre-School	Total	School	Pre-School	Total
Number of Children Examined	374	63 45*	482	108	40	148	431	93	524	918	241	1154
Number of Children Operated On	218	33 16*	267	77	9	86	226	68	294	523	126	649
Attendances with Ambulance	—	—	—	1	—	1	—	—	—	1	—	1
Home Visits for After Care	—	—	—	32	8	40	226	68	294	258	76	334
Nature of Operation—												
Excision of Tonsils and Adenoids	—	—	—	77	9	86	225	68	293	302	77	379
Excision of Tonsils only	—	—	—	—	—	—	—	—	—	—	—	—
Excision of Adenoids only	—	—	—	—	—	—	1	—	1	1	—	1
Others	—	—	—	—	—	—	—	—	—	—	—	—
Causation—												
Discharging Ears	25	1	26	—	—	—	38	9	47	63	10	73
Tonsils Much Enlarged	230	49	279	2	—	2	214	56	270	446	105	551
Deafness	33	5	38	—	—	—	50	3	53	83	8	91
Obstructed Breathing and Deafness	17	4	21	—	—	—	18	5	23	35	9	44
Obstructed Breathing	186	40	226	14	3	17	104	36	140	304	79	383
Rhinitis	104	33	137	—	—	—	174	15	189	278	48	326
Tonsillitis	186	38	224	9	1	10	184	26	210	379	65	444
Enlarged Glands	163	37	200	—	—	—	156	56	212	319	81	400
Bronchitis	89	25	114	—	—	—	31	7	38	120	32	152
Otorrhoea	—	—	—	—	—	—	17	3	20	17	3	20
Tonsils and Adenoids	88	49	132	—	—	—	156	74	230	239	123	362
Adenoids	—	1	1	—	—	—	5	—	5	5	1	6
Various	94	20	114	48	5	53	21	31	52	115	56	171
Results—												
Progress Definite and Rapid	—	—	—	—	—	—	—	—	—	—	—	—
Progress Retarded	27	12	39	75	7	82	9	3	12	111	28	139
Still Awaiting Examination	—	—	—	—	—	—	—	—	—	—	—	—
Sent to Hospital	—	—	—	1	—	1	—	—	—	1	—	1
Died	—	—	—	—	—	—	—	—	—	—	—	—

* Clydebank Burgh.

TABLE XI.
OPHTHALMIC TREATMENT OF SCHOOL CHILDREN (TABLE A)

	Dumbarton		Helensburgh		Kirkintilloch		New Kilpatrick		Old Kilpatrick		Vale of Leven	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Defective Vision Corrected with Spectacles	172	149	32	39	106	135	41	64	181	184	85	88
Defective Vision too Slight to benefit from Spectacles	50	53	5	10	18	21	9	13	41	33	19	22
Defective Vision Treated Otherwise	19	20	—	—	13	13	10	3	7	8	7	5
Total Number of Children Examined	241	222	37	49	137	169	60	80	229	225	111	115
Re-examinations	30	40	5	8	30	40	8	12	26	20	15	20

Total Number of Children Examined—1675.

TABLE XIII.

1949 AGE GROUP — EYE EXAMINATIONS

Slight Visual Defect : 6·9—6·12 Marked Visual Defect : 6·18 or worse
(Snellen's Test at 6 Metres)

	BOYS		GIRLS		TOTAL	
	No.	%	No.	%	No.	%
Total Number of Children Examined	1446	—	1330	—	2776	—
Normal Vision 	1264	87·4	1170	87·9	2434	87·7
Slight Defect (Both Eyes) 	52	3·5	50	3·7	102	3·6
Marked Defect (Both Eyes) 	22	1·5	13	1·0	35	1·2
Slight Defect (One Eye) 	58	4·0	62	4·6	120	4·3
Marked Defect (One Eye) 	30	2·0	23	1·7	53	1·9
Unreliable Results 	20	1·3	12	0·9	32	1·1
Number of Children found Wearing Glasses 	32	2·2	43	3·2	75	2·7
Strabismus 	27	1·8	38	2·8	65	2·3
Blepharitis 	1	—	—	—	1	0·03
Conjunctivitis 	1	0·1	—	—	1	0·03
Corneal Ulcers or Opacities 	—	—	—	—	—	—
Others 	1	0·1	—	—	1	0·3

Note.—When a child has defective vision of slight defect and marked defect together, the defect has been classified according to the better eye grouping.

TABLE XIV.

1949 AGE GROUPS—EAR EXAMINATIONS

	Total Number of Children Examined	Normal Hearing	Defective Hearing				Otorrhoea	Otitis Media	Others
			Grade II		Grade III				
			No.	%	No.	%			
Boys	1446	1433 99·1	13	0·8	—	—	2	1	1
Girls	1330	1311 98·5	19	1·4	—	—	1	4	4
Total	2776	2744	32	1·1	—	—	3	5	5

Grade II.—Children who can hear ordinary conversation voice between 20 feet and 2 feet.

Grade III.—Children who can hear ordinary conversation voice at not more than 2 feet, if at all.

TABLE XV.
ORTHOPTIC REPORT
 (1st July, 1956 to 30th June, 1957)

	Dumbarton	Kirkintilloch	Clydebank	Total
Number of Patients Referred	110	78	109	297
No. of Patients on Treatment	63	39	43	145
No. of Patients on Observation—				
Before Treatment	9	17	16	42
After Treatment	22	17	39	78
Referred for Operation—				
Before Treatment	—	2	3	5
After Treatment	13	2	6	21
Treatment not Required	1	—	1	2
Refused Treatment	—	1	—	1
Unsuitable for Treatment	1	—	—	1
Failed to attend Examination	1	—	1	2
Total	110	78	109	297
Response to Treatment				
Good	11	8	5	24
Improved	46	20	29	95
No Improvement	5	5	5	15
Ceased to Attend	1	6	4	11
Total	63	39	43	145

TABLE XVI.
TREATMENT OF MINOR AILMENTS

District	Total No. of Children dealt with	Total No. of Attendances	No. of Visits to Parents	No. of Visits to Schools	Cuts, Bruises, Sprains and Minor Injuries, etc.	Diseases of the Ear	Diseases of the Eye (excluding D.V.)	Ringworm of the Scalp	DISEASES OF THE SKIN					Other Diseases
									X-ray Treatment	Other Treatment	Ringworm of the Body	Scabies	Impetigo	
Cumbernauld	207	182	81	76	247	22	17	—	—	—	—	—	33	11
Kirkintilloch	—	69	65	3	23	12	18	3	—	13	—	—	26	37
Twechar and Croy	2013	432	111	74	1117	115	8	—	—	2	—	—	663	46
New Kilpatrick	—	4	19	—	—	—	—	—	—	—	—	—	—	—
Milngavie	273	126	32	34	290	81	28	—	—	—	—	—	51	—
Old Kilpatrick and Milton	60	109	7	37	—	24	14	—	—	—	—	—	9	54
Duntocher	1772	294	138	52	296	7	29	—	—	—	—	15	74	30
Clydebank	2040	191	810	88	162	305	32	31	—	461	—	—	147	262
Dumbarton	2120	247	567	107	443	287	56	—	—	—	—	4	202	365
Renton	—	10	27	55	890	10	14	—	—	—	—	—	5	47
Vale of Leven	86	326	74	8	91	33	11	—	—	3	—	2	10	106
Helensburgh	732	34	50	1	7	14	—	—	—	—	—	—	8	107
All other Western Portions of the County	560	406	479	45	13	—	6	2	—	3	—	—	12	16
Total	9803	2430	2400	580	3679	910	233	36	—	482	—	21	1240	1081

TABLE XVII.
REPORT BY SCHOOL NURSES

District	No. of Children Examined for first time	No. of Children Re-examined	Total No. of Children Examined	CAUSES OF REFERENCE						No. of Visits Paid to Schools	No. of Visits Paid to Homes
				Vermin on Head	Vermin or Nits on Body	Vermin Suspected	Unsatisfactory Clothing	Unsatisfactory Footwear	Others		
Cumbarnauld	534	220	754	30	—	2	—	—	—	9	5
Kirkintilloch	2490	1451	3941	261	—	6	25	2	24	57	45
Twechar and Croy	679	808	1487	58	—	5	—	—	2	27	69
New Kilpatrick	314	12	326	—	—	—	—	—	126	5	—
Milngavie	280	1433	1713	43	—	3	—	—	—	75	48
Duntocher	224	306	530	46	—	6	5	—	4	28	41
Old Kilpatrick and Milton	300	680	980	9	—	—	—	—	—	21	—
Clydebank	1152	6383	7535	952	—	8	120	11	18	242	186
Dumbarton	4996	5369	10365	857	—	—	48	52	609	129	75
Renton	588	5135	5723	8	—	—	—	—	—	19	1
Vale of Leven	2663	3518	6181	398	—	—	17	17	9	45	75
Helensburgh	740	1478	2218	293	1	4	34	10	—	40	21
All other Western Portions of the County	179	3116	3295	36	—	2	3	3	38	57	56
Total	15139	29909	45048	2991	1	36	252	95	830	754	622

TABLE XVIII.
RESULTS OF AUDIOMETRIC SURVEY

Age-Groups Children Examined		No. Listed	No. Tested	No Normal Hearing	No. Defective Hearing	Grade				Case referred for					
						1	11a	11b	111	S.M.O.	E.N.T. Examination	Special Seating	Hearing Aid	Medical Treatment	No Action
1951		2689	2645	2572	73	31	41	1	—	64	31	31	—	30	2
1947		3113	3058	2989	69	22	45	2	—	67	38	38	—	29	2
1941		301	252	242	10	5	5	—	—	10	2	6	—	8	—
Children born outwith Age-Groups		300	295	227	68	15	48	5	—	68	33	33	7	30	5

TABLE XIX.
SPEECH THERAPY.
SUMMARY OF STATISTICS, 1956-57.

CLINIC or SCHOOL	No. on Roll	Left	Discharged		Transferred		Admitted	No. on Roll
			Cured	Non-Co-op	In	Out		
Bank Street	19	—	10	—	1	1	5	14
Bonhill	9	—	6	—	1	1	3	6
Cardross	8	—	2	3	—	—	3	6
Clyde Street	6	—	3	1	1	2	8	9
Clydebank H.	3	—	—	—	2	—	5	10
Condorrat	7	—	3	2	—	1	5	6
Croy	9	—	7	2	1	—	15	16
Cumbernauld	11	3	6	—	1	2	10	11
Dalmuir	20	—	15	1	1	2	16	19
Dalreoch	18	1	4	—	3	7	17	26
Elgin Street	11	—	2	—	1	1	—	9
Faifley	16	—	7	1	7	—	12	27
Gavinburn	7	—	6	—	—	—	13	14
Goldenhill	7	—	4	—	—	—	5	8
Hartfield	27	—	8	4	11	3	9	32
Hermitage	9	2	2	—	—	1	4	8
Hillfoot	15	3	11	—	6	6	11	12
Hillhead	0	—	5	—	7	—	6	8
Jamestown	19	1	4	2	2	3	7	18
Kilbowie	20	2	7	5	9	16	22	21
Knoxland	9	—	3	—	2	2	6	12
Lairdsland	18	—	7	—	—	8	16	19
Lenzie	3	—	1	—	—	—	7	9
Levenvale	6	—	2	—	—	—	2	6
Linnvale	30	—	14	—	3	—	11	30
Milton	15	—	3	—	1	2	8	19
Milngavie	16	2	8	—	2	1	8	15
Moss Cottage	17	1	5	—	1	3	7	16
Miller St.	13	1	2	1	2	6	3	8
Our Holy Redeemer's	23	2	8	3	4	4	17	27
Renton Public	7	—	4	—	—	—	3	6
St. Eunan's	23	—	15	—	1	1	16	24
St. Joseph's	9	—	2	—	2	1	2	10
St. Joseph's (Milngavie)	2	—	4	—	—	—	1	6
St. Mary's (Duntocher)	9	1	2	—	1	1	7	13
St. Martin's	5	—	2	—	—	—	4	7
St. Ninian's	16	1	6	—	—	—	9	18
St. Stephen's	9	—	6	—	1	—	10	14
Townhead	12	—	2	1	1	1	5	14
Twechar	10	1	7	—	—	—	8	10
Westerton	8	—	2	—	—	1	1	6
Whitecrook	16	—	7	—	6	4	3	14
Total	524	21	224	26	81	81	330	583

