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COUNTY COUNCIL OF DUNBARTON

Thirty-seventh Annual Report

ON THE

Medical Inspection of School Children

1947-1948

(Year ending 31st July, 1948)

KIRKINTILLOCH

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PREFACE.

*To the County Council of the
County of Dunbarton.*

Ladies and Gentlemen,

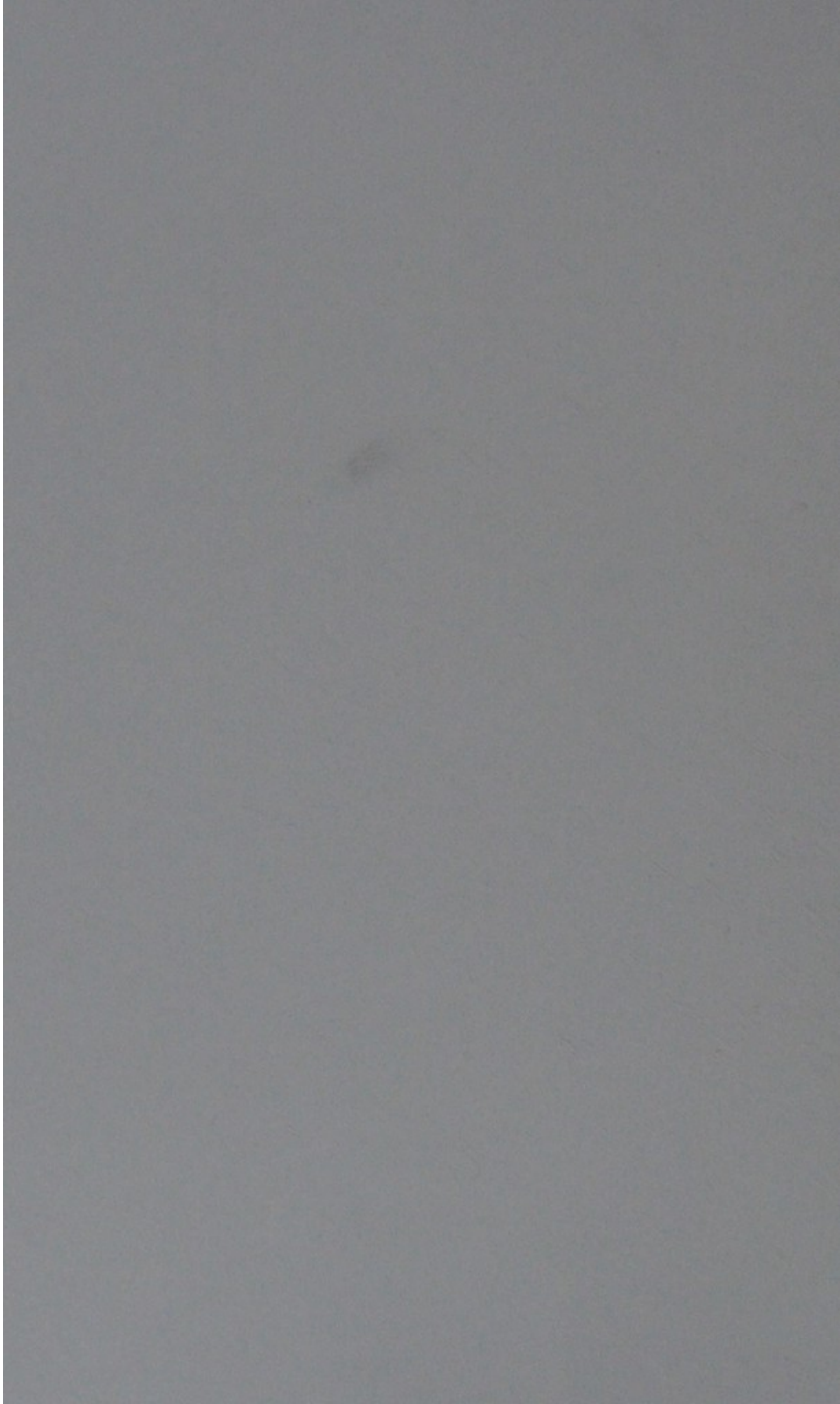
I herewith submit the Thirty-seventh Annual Report on the Medical Inspection and Treatment of Children attending Schools in the County, as prepared by the School Medical Officers.

I am,

Ladies and Gentlemen,

Your obedient servant,

SAMUEL HARVEY.



County Council of Dunbarton.

SCHOOL MEDICAL STAFF.**Supervising School Medical Officer.**

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

School Medical Officers.

MILDRED M. L. CATHELS, M.B., Ch.B., D.P.H.

ANDREW D. COWAN, M.B., Ch.B., D.P.H.

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

ELLEN CUSH, M.B., Ch.B., D.P.H.

Senior Dental Officer.

FELIX A. CASSIDY, L.D.S.

Dental Surgeons.

ELIZABETH McKENDRICK, L.D.S.

Mrs. MARY W. DINN, L.D.S.

JOHN H. N. MACDONALD, L.D.S.

SHEILA S. SPIERS, L.D.S.

AGNES E. MACLENNAN, L.D.S.

JOSEPH BARRY, L.D.S. (resigned 15/10/47).

DAVID BROWN, L.D.S. (commenced 16/2/48).

JOHN THOMSON, L.D.S. (commenced 16/2/48).

Ophthalmic Surgeon.

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

Ear, Nose and Throat Specialist.

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

Anaesthetist.

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

Nurse in Charge of Orthopaedic Clinics.

MORAG T. GALLOWAY.

Instructresses at Orthopaedic Clinics.

AGNES McF. MALCOLM. JEAN S. A. HOWATT. Mrs. MAVIS MUIR.

(part-time).

(resigned 31/3/48).

Orthoptist.

MARTHA S. DALLING (resigned 5/9/47).

Nursing Staff.

C. M. JEFFREY.

J. SCOTT.

C. T. GAVIN.

M.-G. WILSON (1).

D. BENSON (2).

I. A. COUBROUGH (3).

M. GILMOUR.

K. STEVENSON.

M. MACDONALD.

E. M. RANKIN.

A. TAYLOR (4).

C. DEMPSEY (5).

M. G. MILLER.

A. GEE.

C. KING.

M. CALLANDER.

E. A. SANDILANDS.

C. W. BENNIE (6).

M. CALLAGHAN (7).

(1) Resigned 8/1/48.

(2) Resigned 15/11/47.

(3) Commenced 9/2/48, and
Resigned 15/4/48.

(4) Commenced 1/12/47.

(5) Commenced 16/11/47.

(6) Resigned 6/11/47.

(7) Commenced 1/9/47.

Nurse at Special School.

J. MACDONALD.

Dental Attendants.

ANNIE RAE.

J. McGREGOR.

Mrs. M. SAMSON.

M. HAVERN (1).

ELIZABETH ROLLO.

MARGARET DUNCAN (2).

FLORENCE McGEACHY (3).

E. J. GRANT (4).

C. ROGERS.

A. BLACK (5).

(1) Commenced 11/2/48.

(2) Resigned 5/4/48.

(3) Commenced 6/4/48.

(4) Commenced 11/2/48.

(5) Resigned 15/12/47.

Attendant at Orthopaedic Clinics.

MARGARET BLACK.

Clerks.

JAMES CAMPBELL.

ANNIE K. HALL.

ISOBEL STALKER.

JANET McMANUS.

MARY BUCHANAN.

REPORT

on the

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

1.—List of Staff.

See Page 5

2.—(a) Number of Schools.

School Management Area.—

Cumbernauld	...	...	...	...	...	...	...	4
Kirkintilloch	...	...	...	...	...	...	...	6
New Kilpatrick	...	...	...	...	...	...	...	5
Old Kilpatrick	...	...	...	...	...	...	...	11
Dumbarton	...	...	...	...	...	...	...	7
Vale of Leven	...	...	...	...	...	...	...	12
Helensburgh	...	...	...	...	...	...	...	11
Total	...	...	...	...	...	...	...	56

(b) Number of Children on Register and in Average Attendance during Session 1947-48.

School Management Area.	Average on Roll.	Average Attending.	Per Cent.
Cumbernauld ...	836.2	762.0	91.1
Kirkintilloch ...	3,620.0	3,231.0	89.2
New Kilpatrick ...	1,811.6	1,673.1	92.3
Old Kilpatrick ...	7,334.6	6,661.8	90.8
Dumbarton ...	4,437.9	4,007.6	90.3
Vale of Leven ...	3,244.5	2,952.6	91.0
Helensburgh ...	1,744.4	1,555.8	89.2
Total ...	23,029.2	20,843.9	90.6

3.—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 ... 541

4.—Number of Special Visits by Medical Officers.

For re-examination of defective children	...	...	...	...	52
For examination of backward, mentally, or physically defective children	...	...	...	...	41
Attendances at School Clinics	...	...	...	...	353
Attendances for Office Work, etc.	...	...	...	...	108
For inquiry regarding infectious diseases (including scabies)	...	...	...	...	—
Diphtheria Immunisation	...	...	...	...	78
Others	...	...	...	...	100
Total					732

5.—Sanitary Condition of Schools.

No major schemes of reconstruction have been undertaken during the past year, and delay is still being experienced in the replacement of sanitary-fittings. Despite these difficulties, a good standard of efficiency and cleanliness has been maintained, particular attention being paid to the painting and limewashing of lavatories.

The regular washing down of classroom walls has been continued, and the increasing amount of painter work has improved the condition of the schools.

6.—A, B, C, D, and E.—Organisation and Administration, etc., and Co-operation with Public Health Departments.

Full particulars regarding these matters are included in Section 4 of the revised report, page 50 of the Annual Report 1938-39.

6.—F. Parents Present at Inspection.

School Management Area.	Number of Children Examined.	No. of Parents Present at Routine Examinations.	Per Cent.	No of Parents Present at Non-Routine Examinations.
Cumbernauld ...	225	92	40·9	7
Kirkintilloch ...	1002	409	40·8	158
New Kilpatrick	529	271	51·2	14
Old Kilpatrick	2077	1050	50·5	346
Dumbarton ...	1295	549	42·4	280
Vale of Leven	919	554	60·3	505
Hulensburgh ...	512	256	50·0	150
Total ...	6559	3181	48·3	1460

7.—D. CLOTHING.

School Management Area	No. of Routine cases examined	SUFFICIENCY						REPAIR						CLEANLINESS						Non-Routine
		Good		Medium		Bad		Good		Medium		Bad		Good		Medium		Bad		
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
Cumbernauld	Boys	109	100-0	...	...	...	...	108	99-1	1	0-9	...	...	108	99-1	1	0-9	...	...	...
	Girls	116	100-0	...	...	...	...	116	100-0	...	...	...	...	116	100-0	...	...	...	...	...
	Total	225	100-0	...	...	...	...	224	99-5	1	0-5	...	...	224	99-5	1	0-5	...	...	...
Kirkintilloch	Boys	550	100-0	...	...	...	...	550	100-0	...	...	...	...	550	100-0	...	...	...	...	...
	Girls	452	100-0	...	...	...	...	452	100-0	...	...	...	...	452	100-0	...	...	...	...	...
	Total	1002	100-0	...	...	...	...	1002	100-0	...	...	...	...	1002	100-0	...	...	...	...	...
New Kilpatrick	Boys	267	100-0	...	...	...	...	267	100-0	...	...	...	...	267	100-0	...	...	...	...	...
	Girls	262	100-0	...	...	...	...	262	100-0	...	...	...	...	262	100-0	...	...	...	...	...
	Total	529	100-0	...	...	...	...	529	100-0	...	...	...	...	529	100-0	...	...	...	...	...
Old Kilpatrick	Boys	1084	99-1	1	0-9	...	...	1083	99-1	1	0-9	...	...	1084	100-0	...	...	...	...	...
	Girls	993	100-0	...	...	...	...	993	100-0	...	...	...	...	993	100-0	...	...	...	...	...
	Total	2077	99-5	1	0-5	...	...	2076	99-5	1	0-5	...	...	2077	100-0	...	...	...	...	...
Dumbarton	Boys	617	99-4	4	0-6	...	...	616	99-9	1	0-1	...	...	616	99-9	1	0-1	...	...	...
	Girls	678	100-0	...	...	...	...	678	100-0	...	...	...	...	676	99-6	2	0-3	...	...	...
	Total	1295	99-7	4	0-3	...	...	1294	99-9	1	0-1	...	...	1292	99-8	3	0-2	...	...	...
Vale of Leven	Boys	455	100-0	...	...	...	...	438	96-4	7	1-5	10	2-1	448	98-5	7	1-5	...	...	...
	Girls	464	99-8	1	0-2	...	...	450	97-0	14	3-0	...	...	450	97-0	14	3-0	...	...	...
	Total	919	99-9	1	0-1	...	...	888	96-8	21	2-2	10	1-0	898	97-8	21	2-2	...	...	...
Helensburgh	Boys	270	100-0	...	...	...	...	261	97-1	9	2-9	...	...	261	97-1	9	2-9	...	...	...
	Girls	242	100-0	...	...	...	...	234	96-7	8	3-3	...	...	234	96-7	8	3-3	...	...	...
	Total	512	100-0	...	...	...	...	495	96-9	17	3-1	...	...	495	96-9	17	3-1	...	...	...
Total	Boys	3352	99-9	5	0-1	...	...	3323	99-1	19	0-6	10	0-3	3334	99-5	18	0-5	...	...	...
	Girls	3207	100-0	1	...	...	...	3185	99-3	22	0-7	...	...	3183	99-3	24	0-7	...	...	...
	Total	6559	99-9	6	0-1	...	...	6518	99-2	41	0-6	10	0-2	6517	99-4	42	0-6	...	...	...

7.—E. FOOTGEAR.

School Management Area	Number of Routine Cases Examined.	ROUTINE						NON-ROUTINE			
		Good		Medium		Bad		None			
		No.	%	No.	%	No.	%	No.	%		
Cumbernauld	Boys	109	100-0								
	Girls	116	100-0								
	Total	225	100-0								
Kirkintilloch	Boys	550	100-0								
	Girls	452	100-0								
	Total	1002	100-0								
New Kilpatrick	Boys	267	100-0								
	Girls	262	100-0								
	Total	529	100-0								
Old Kilpatrick	Boys	1079	99-6	5	0-4						
	Girls	990	99-7	3	0-3						
	Total	2069	99-6	8	0-4						
Dumbarton	Boys	613	99-4	4	0-6						
	Girls	677	99-9	1	0-1						
	Total	1290	99-6	5	0-4						
Vale of Leven	Boys	449	98-7	6	1-2	1	0-1				
	Girls	455	98-1	9	1-9						
	Total	904	98-4	15	1-6						
Helensburgh	Boys	264	97-8	6	2-2						
	Girls	236	97-5	6	2-5						
	Total	500	97-7	12	2-3						
Total ...	Boys	3331	99-4	21	0-6						
	Girls	3186	99-4	19	0-6						
	Total	6517	99-4	40	0-6						



7.—F. Average Heights and Weights in Inches and Pounds.

11A

School Management Area	BOYS																GIRLS															
	Entrants				Age 8				Age 13				Age 16				Entrants				Age 8				Age 13				Age 16			
	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight	Number Examined	Average Age	Height	Weight
Cumbernauld...	55	5½	42.2	41.5	34	8½	49.0	59.0	20	13½	58.7	90.0	...	...	...	...	50	5½	41.7	39.5	50	8½	48.6	55.1	16	13½	59.7	95.1	...	...	...	...
Kirkintilloch ...	154	5½	42.2	42.0	172	8½	49.2	57.2	192	13½	57.8	85.5	32	16½	65.8	116.9	141	5½	41.8	40.1	130	8½	48.9	55.2	161	13½	59.1	91.4	20	16½	63.2	120.7
New Kilpatrick	84	5½	42.8	43.8	93	8½	50.0	58.5	68	13½	60.8	92.7	22	16½	67.2	129.8	93	5½	42.7	42.8	96	8½	50.3	59.0	56	13½	60.4	95.2	17	16½	63.2	122.7
Old Kilpatrick	392	5½	42.4	42.1	385	8½	49.6	56.5	295	13½	59.6	87.0	12	16½	65.9	118.6	338	5½	42.1	43.5	377	8½	48.4	54.7	270	13½	59.3	98.4	8	16½	62.8	120.4
Dumbarton ...	181	5½	43.3	43.1	164	9½	51.5	62.3	244	13½	58.6	86.6	28	16½	66.4	124.9	194	5½	42.5	40.3	200	9½	51.4	61.1	247	13½	58.9	89.7	37	16½	62.9	117.5
Vale of Leven	162	5½	42.6	41.8	158	8½	49.8	57.5	117	13½	58.6	86.9	18	16½	66.2	132.2	169	5½	41.8	39.4	180	8½	49.1	55.2	103	13½	59.4	93.5	12	16½	63.9	127.8
Helensburgh ...	81	5½	42.9	42.6	113	8½	50.1	58.8	65	13½	59.5	91.5	11	16½	65.3	119.5	80	5½	43.2	42.4	89	8½	49.7	56.5	56	13½	60.6	99.3	17	16½	63.7	118.2
Total ...	1109	5½	42.6	42.4	1119	8½	49.9	58.5	1001	13½	59.1	88.6	123	16½	66.3	123.7	1065	5½	42.3	41.1	1122	8½	49.5	56.7	909	13½	59.6	94.7	111	16½	63.3	121.2
County Average Years 1940-41 to 1944-45	5572	5½	42.6	42.1	5256	8½	49.6	57.4	5048	13½	58.5	88.3	449	16½	66.9	125.8	5455	5½	42.2	40.8	5018	8½	49.1	55.8	5062	13½	59.1	93.5	392	16½	63.2	118.3
County Average Years 1930-31 to 1939-40	12,495	5½	42.6	41.8	11,767	8½	49.4	56.5	*7108	13½	58.9	89.5	1163	16½	65.6	124.1	12,122	5½	42.9	40.5	11,645	8½	49.0	54.8	*7123	13½	59.5	94.8	887	16½	62.8	116.7
County Average Years 1919-20 to 1929-30	13,238	5½	42.1	41.2	11,863	8½	48.3	54.3	...	...	...	...	769	16½	64.3	118.8	13,019	5½	48.2	52.3	11,582	8½	48.2	52.3	...	...	...	...	774	16½	62.2	111.6

* Previous to the session 1930-1931 the average age of the Third Age-Group was 12 years. The number of children examined at the average age of thirteen years is therefore comparatively small.

7.—G. CLEANLINESS OF HEAD AND BODY.
(b) Cleanliness.

SCHOOL MANAGEMENT AREA	No. of Rou- tine Cases exam- ined	ROUTINE CASES.										NON- ROUTINE			
		Head				Body				Head	Body				
		Good		Medium		Bad		Good				Medium		Bad	
		No.	%	No.	%	No.	%	No.	%			No.	%	No.	%
		No.	%	No.	%	No.	%	No.	%			No.	%	No.	%
Cumbernauld	Boys	109	100.0	...	...	...	...	108	99.1	1	0.9	...	...		
	Girls	115	99.1	1	0.9	...	...	115	99.1	1	0.9	...	...		
	Total	224	99.6	1	0.4	...	...	223	99.1	2	0.9	...	...		
Kirkintilloch	Boys	540	98.2	7	1.3	3	0.5	536	97.5	9	1.6	5	0.9		
	Girls	449	99.3	3	0.7	...	...	444	98.3	8	1.7	...	...		
	Total	989	98.7	10	1.0	3	0.3	980	97.9	17	1.6	5	0.5		
New Kilpatrick	Boys	265	99.2	1	0.4	1	0.4	264	98.9	2	0.7	1	0.4		
	Girls	262	100.0	...	...	...	...	262	100.0	...	...	...	...		
	Total	527	99.6	1	0.2	1	0.2	526	99.5	2	0.3	1	0.2		
Old Kilpatrick	Boys	1079	99.5	5	0.5	...	...	1076	99.3	8	0.7	...	...		
	Girls	993	99.2	8	0.8	...	...	984	99.1	9	0.9	...	...		
	Total	2077	99.4	13	0.6	...	...	2060	99.2	17	0.8	...	...		
Dumbarton	Boys	616	99.8	...	...	1	0.2	606	99.1	...	...	11	0.9		
	Girls	678	99.7	...	...	2	0.3	678	100.0	...	...	...	...		
	Total	1295	99.8	...	...	3	0.2	1284	99.6	...	...	11	0.4		
Vale of Leven	Boys	453	99.6	...	...	2	0.4	451	99.2	...	...	4	0.8		
	Girls	464	99.6	...	...	2	0.4	456	98.3	...	...	8	1.7		
	Total	919	99.6	...	...	4	0.4	907	98.8	...	...	12	1.2		
Helensburgh	Boys	268	99.3	...	...	2	0.7	268	99.3	...	...	2	0.7		
	Girls	242	100.0	...	...	...	...	241	99.6	...	...	1	0.4		
	Total	510	99.7	...	...	2	0.3	509	99.4	...	...	3	0.6		
Total	Boys	3330	99.3	13	0.4	9	0.3	3309	98.8	20	0.6	23	0.6		
	Girls	3207	99.5	12	0.4	4	0.1	3180	99.2	18	0.5	9	0.3		
	Total	6537	99.4	25	0.4	13	0.2	6489	99.1	38	0.5	32	0.4		

[illegible]

-I. NUTRITION.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Exam- ined	ROUTINE CASES						NON-ROUTINE CASES		
		Above Average		Average		Below Average		Very Bad		Very Bad
		No.	%	No.	%	No.	%	No.	%	
Cumbernauld	Boys	21	19.3	83	76.1	5	4.6	...	...	...
	Girls	13	11.2	97	83.6	6	5.2	...	...	...
	Total	34	15.2	180	79.9	11	4.9	...	...	...
Kirkintilloch ...	Boys	84	15.3	443	80.6	23	4.1	...	...	...
	Girls	87	19.2	335	74.2	29	5.4	...	...	...
	Total	171	17.0	778	77.7	52	5.2	...	...	...
New Kilpatrick	Boys	62	23.2	200	74.9	5	1.9	...	...	...
	Girls	68	25.9	188	71.8	6	2.3	...	...	...
	Total	130	24.5	388	73.4	11	2.1	...	...	...
Old Kilpatrick	Boys	148	13.6	898	82.9	38	3.5	...	...	...
	Girls	104	10.5	862	86.8	26	2.6	...	...	...
	Total	252	12.0	1760	84.9	64	3.0	...	...	...
Dumbarton ...	Boys	42	6.8	554	89.8	21	3.4	...	...	...
	Girls	29	4.3	626	92.3	23	3.4	...	...	...
	Total	71	5.6	1180	91.0	44	3.4	...	...	...
Vale of Leven	Boys	47	10.4	333	73.2	72	15.8	3	0.6	...
	Girls	26	5.6	363	78.2	73	15.8	2	0.4	...
	Total	73	8.0	696	73.7	145	15.8	5	0.5	2
Helensburgh ...	Boys	31	11.5	208	77.0	31	11.5	...	...	...
	Girls	34	14.1	188	77.6	19	7.8	...	...	...
	Total	65	12.8	396	77.4	50	9.6	...	...	...
Total	Boys	435	12.8	2719	81.2	195	5.9	3	0.1	...
	Girls	361	11.3	2659	82.8	182	5.8	5	0.1	...
	Total	796	12.0	5378	82.0	377	5.9	8	0.1	2

7.—J NOSE, THROAT AND LYMPHATIC GLANDS—Continued.
(b) 2, Adenoids.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined	Present		Non- Routine	Suspected		Non- Routine	Removed		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	225	3	1.3	...	1	0.4	...	9	3.9	...
Kirkintilloch ...	1002	19	1.9	64	...	...	...	140	14.0	...
New Kilpatrick	529	17	3.2	2	2	0.3	...	94	17.7	...
Old Kilpatrick	2077	177	8.5	67	61	2.9	...	144	6.9	...
Dumbarton ...	1295	101	7.7	82	96	7.3	...	247	19.0	...
Vale of Leven	919	81	8.7	67	16	1.7	6	181	19.5	8
Helensburgh ...	512	41	7.8	39	3	0.6	6	120	22.8	6
Total ...	6559	439	8.0	321	179	2.7	12	935	14.0	14

7.—J. NOSE, THROAT AND LYMPHATIC GLANDS—Continued.

(c) Lymphatic Glands—Submaxillary and Cervical.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Palpably Enlarged				Markedly Enlarged				Suppurating or Cicatrices			
		Submaxillary		Cervical		Submaxillary		Cervical		Submaxillary		Cervical	
		Routine	No.	%	No.	Routine	No.	%	No.	Routine	No.	Routine	No.
Cumbernauld ...	225	...	...	...	...	1	0.4	...	...	...	...	...	...
Kirkintilloch ...	1002	...	...	...	...	2	0.2	...	...	...	...	...	...
New Kilpatrick	529	...	...	...	...	...	...	...	...	6	1.1	...	...
Old Kilpatrick ...	2077	3	0.1	...	...	...	...	...	...	1	0.1	...	...
Dumbarton ...	1295	...	...	...	...	...	...	...	...	...	...	...	...
Vale of Leven ...	919	62	6.2	...	...	22	2.3	...	...	8	0.8	...	...
Hulensburgh ...	512	32	6.0	...	...	7	1.3	...	...	4	0.8	...	...
Total ...	6559	97	1.4	...	...	32	0.4	...	...	19	0.3	...	...

7.-K. EXTERNAL EYE DISEASES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Strabismus			Blepharitis			Conjunctivitis			Corneal Opacities			Other Disease		
		Strabismus			Blepharitis			Conjunctivitis			Corneal Opacities			Other Disease		
		No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine
Cumbernauld	Boys	2	1.8	...	...	...	...	...	...	...	...	...	...	...	...	...
	Girls	3	2.5	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	5	2.2	1	2	0.8	1	...	...	...	...	...	...	...	...	...
Kirkcaldy	Boys	15	2.7	...	...	...	...	2	0.3	...	...	...	...	...	...	...
	Girls	20	4.4	...	...	...	...	1	0.2	...	2	0.4	...	...	...	...
	Total	35	3.5	14	2	0.2	9	3	0.3	18	2	0.2	1	...	...	35
New Kilpatrick	Boys	4	1.5	...	...	...	...	1	0.3	...	...	...	...	...	...	...
	Girls	13	4.9	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	17	3.1	...	...	...	...	1	0.1	...	...	...	...	...	...	...
Old Kilpatrick	Boys	30	2.7	...	...	...	...	3	0.2	...	...	...	...	...	...	...
	Girls	35	3.5	...	...	...	...	2	0.2	...	...	...	...	...	...	...
	Total	65	3.1	4	17	0.8	6	5	0.2	6	1	0.1	1	...	...	4
Dumbarton	Boys	16	2.5	...	...	...	...	1	0.1	...	...	...	...	3	0.4	...
	Girls	12	1.7	...	...	...	...	1	0.1	...	...	...	...	7	1.0	...
	Total	28	2.1	8	16	1.2	13	2	0.1	7	1	0.1	3	10	0.7	14
Vale of Leven	Boys	17	3.7	...	...	...	...	1	0.2	...	...	...	...	4	0.8	...
	Girls	20	4.3	...	...	...	...	2	0.4	...	...	...	...	1	0.1	...
	Total	37	4.0	9	7	0.7	12	3	0.3	8	...	...	1	5	0.5	5
Helensburgh	Boys	11	4.1	...	...	...	...	1	0.3	...	...	...	...	...	...	...
	Girls	11	4.5	...	...	...	...	1	0.4	...	...	...	...	...	...	...
	Total	22	4.2	18	3	0.5	...	2	0.4	13	...	...	...	...	...	...
Total	Boys	95	2.8	...	...	...	...	9	0.2	...	1	0.1	...	8	0.2	...
	Girls	114	3.4	...	...	...	...	7	0.2	...	3	0.1	...	9	0.2	...
	Total	209	3.1	44	48	0.7	42	16	0.2	42	4	0.1	6	17	0.2	58

7.—L. EAR DISEASES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Otorrhoea			Wax			Others			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld ...	225	...	...	1	...	...	...	...	...	...	...	...	1
Kirkintilloch ...	1002	10	1.0	19	2	0.2	4	1	0.1	16	13	1.3	39
New Kilpatrick...	529	1	0.1	...	1	0.1	...	...	...	...	2	0.3	...
Old Kilpatrick ...	2077	16	0.7	7	3	0.1	2	9	0.4	3	28	1.4	12
Dumbarton ...	1295	3	0.2	14	4	0.3	4	7	0.5	29	14	1.0	47
Vale of Leven ...	919	24	2.5	13	3	0.3	6	2	0.2	11	29	3.1	30
Helensburgh ...	512	4	0.7	4	...	...	3	2	0.4	4	6	1.1	11
Total ...	6559	58	0.8	58	13	0.2	19	21	0.3	63	92	1.3	140

7.—M. HEARING.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Slightly Deaf			Very Deaf			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	225	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1002	3	0.3	2	1	0.1	...	4	0.4	2
New Kilpatrick	529	2	0.3	...	1	0.1	...	3	0.5	...
Old Kilpatrick	2077	1	0.1	...	9	0.4	...	10	0.4	...
Dumbarton ...	1295	19	1.4	5	7	0.5	...	26	2.0	5
Vale of Leven	919	6	0.6	...	8	0.8	3	14	1.4	3
Helensburgh	512	2	0.4	...	7	1.3	...	9	1.7	...
Total ...	6559	33	0.5	7	33	0.5	3	66	1.0	10

7.—O. SPEECH.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Defective Articulation			Stammering			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld...	225	2	0.8	1	...	...	...	2	0.8	1
Kirkintilloch ...	1002	3	0.3	1	...	...	...	3	0.3	1
New Kilpatrick	529	...	...	...	2	0.3	...	2	0.3	...
Old Kilpatrick	2077	7	0.3	1	...	...	...	7	0.3	1
Dumbarton ...	1295	5	0.3	...	2	0.1	...	7	0.5	...
Vale of Leven	919	13	1.4	1	2	0.2	2	15	1.6	3
Helensburgh ...	512	2	0.4	1	1	0.2	1	3	0.5	2
Total ...	6559	32	0.4	5	7	0.1	3	39	0.5	8

7.—P. MENTAL CONDITION.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Dull or Backward		Mentally Deficient			Total		
		No.	%	No.	Routine %	Non- Routine	No.	Routine %	Non- Routine
Cumbernauld	225	1	0.4	...	...	...	1	0.4	...
Kirkintilloch ...	1002	16	1.6	3	0.3	...	19	1.9	...
New Kilpatrick	529	12	2.2	...	...	...	12	2.2	...
Old Kilpatrick	2077	7	0.3	...	...	2	7	0.3	2
Dumbarton ...	1295	5	0.3	1	0.1	...	6	0.4	...
Vale of Leven	919	14	1.4	1	0.1	...	15	1.6	1
Helensburgh ...	512	4	0.7	...	...	1	4	0.7	1
<u>Total</u> ...	6559	59	0.8	5	0.1	3	64	0.9	4

7.—R. LUNGS.

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Bronchial Catarrh			Bronchitis			Tuberculosis			Suspected Tuberculosis			Asthma			Total		
		No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine	No.	%	Non- Rou- tine
Cumbernauld	225	1	0.4	...	2	0.8	...	...	...	...	...	...	...	...	...	...	3	1.3	...
Kirkintilloch	1002	7	0.7	...	11	1.1	8	...	...	...	...	...	...	3	0.3	2	21	2.1	10
New Kilpatrick	529	2	0.4	...	9	1.7	...	...	...	...	...	...	...	6	1.1	...	17	3.1	...
Old Kilpatrick	2077	44	2.1	21	17	0.8	28	...	...	1	0.2	11	...	4	0.2	8	70	3.4	69
Dumbarton	1295	69	5.3	17	2	0.1	11	1	0.1	2	0.1	...	...	6	0.5	4	79	6.0	34
Vale of Leven	919	28	3.0	29	3	0.3	7	...	...	1	...	3	...	4	0.4	14	35	3.7	54
Helensburgh	512	12	2.3	12	3	0.5	1	...	...	...	...	1	...	6	1.1	1	21	4.1	15
Total	6559	163	2.4	79	47	0.7	55	1	0.1	4	6	0.1	15	29	0.4	29	246	3.7	182

7.—S. NERVOUS SYSTEM.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Epilepsy			Chorea			Infantile Paralysis			Others			Total		
		Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine
Cumbernauld	225	...	...	...	...	...	...	1	0.1	...	...	...	...	1	0.1	...
Kirkintilloch	1002	1	0.1	...	...	...	...	2	0.2	...	...	...	1	3	0.3	1
New Kilpatrick	529	...	...	...	...	...	...	1	0.1	...	...	...	...	1	0.1	...
Old Kilpatrick	2077	2	0.1	1	1	0.1	4	4	0.2	...	2	0.1	2	9	0.4	7
Dumbarton	1295	1	0.1	...	1	0.1	4	1	0.1	...	...	...	...	3	0.2	4
Vale of Leven	919	1	0.1	...	...	...	12	4	0.4	...	3	0.3	...	8	0.8	12
Helenburgh	512	...	...	...	...	...	1	1	0.1	...	...	...	...	1	0.1	1
Total	6559	5	0.9	1	2	0.3	21	14	2.7	...	5	0.9	3	26	5.0	25

7.—T. TUBERCULOSIS (NON-PULMONARY).

SCHOOL MANAGE- MENT AREA	Number of Routine Cases Examined	Glands			Bones			Joints			Abdominal			Others			Total		
		Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine	Routine No.	%	Non- Rou- tine
Cumbernauld	225	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkintilloch	1002	...	...	1	...	...	...	1	0.1	...	...	...	...	...	...	...	1	0.1	...
New Kilpatrick	529	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Kilpatrick	2077	1	0.1	1	...	...	1	1	0.1	...	1	0.1	2	...	...	...	3	0.1	4
Dumbarton	1295	3	0.2	1	...	...	...	...	...	...	...	...	...	1	0.1	...	4	0.3	1
Vale of Leven	919	2	0.2	2	...	...	...	...	...	...	...	...	...	...	...	...	2	0.2	2
Helensburgh	512	...	...	...	...	...	...	...	...	...	2	0.4	1	1	0.1	...	3	0.6	1
Total ...	6559	6	0.1	5	...	...	1	2	0.1	...	3	0.1	3	2	0.1	...	13	0.2	9

7.—U4 RICKETS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Slight			Marked			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	225	...	...	...	...	...	...	...	...	...
Kirkintilloch ...	1002	...	...	...	...	...	...	...	...	...
New Kilpatrick	529	...	...	...	...	...	...	...	...	...
Old Kilpatrick	2077	...	...	...	1	0.1	1	1	0.1	1
Dumbarton ...	1295	...	...	...	...	...	...	...	...	...
Vale of Leven	919	...	...	...	...	...	...	...	...	...
Helensburgh ...	512	...	...	...	...	...	...	...	...	...
Total ...	6559	...	...	...	1	0.1	1	1	0.1	1

7.—V. DEFORMITIES.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Congenital			Acquired (Non-Rachitic)			Total		
		Routine		Non- Routine	Routine		Non- Routine	Routine		Non- Routine
		No.	%		No.	%		No.	%	
Cumbernauld	225	...	...	...	1	0.4	...	1	0.4	...
Kirkintilloch ...	1002	3	0.3	...	20	2.0	11	23	2.3	11
New Kilpatrick	529	...	...	...	6	1.1	...	6	1.1	...
Old Kilpatrick	2077	7	0.3	3	29	1.4	10	36	1.7	13
Dumbarton ...	1295	5	0.3	...	49	3.8	5	54	4.1	5
Vale of Leven	919	6	0.6	2	28	3.0	18	34	3.4	20
Helensburgh	512	5	0.9	...	23	4.4	7	28	5.4	7
Total ...	6559	26	0.4	5	156	0.1	51	182	2.7	56

7.—W. INFECTIOUS OR CONTAGIOUS DISEASES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Examined	Whooping Cough			Chicken Pox			Measles			Mumps			Scarlet Fever			Diphtheria			Number of Routine Cases immunised against Diphtheria.	
		Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		Non- Rou- tine	Routine		No.	%	
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%			No.
Cumbernauld ...	225	...	...	...	1	0.4	...	...	...	...	...	...	...	...	...	...	...	...	...	111	48.8
Kirkintilloch ...	1002	...	...	1	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	732	73.0
New Kilpatrick	529	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	385	72.7
Old Kilpatrick ...	2077	...	...	...	4	0.2	3	2	0.1	...	...	...	...	...	...	...	...	...	...	1384	66.6
Dumbarton ...	1295	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	694	53.4
Vale of Leven ...	919	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	725	78.1
Helensburgh ...	512	...	...	...	1	0.2	2	...	...	...	...	...	...	...	...	...	...	...	...	369	71.9
Total ...	6559	...	...	3	6	0.1	9	2	0.1	3	1	0.1	17	2	0.1	1	...	...	...	4400	66.0

7.-X OTHER DISEASES AND DEFECTS.

SCHOOL MANAGEMENT AREA	Number of Routine Cases Examined	Hernia			Others			Total		
		No.	Routine	Non- Routine	No.	Routine	Non- Routine	No.	Routine	Non- Routine
Cumbernauld	225	...	...	...	3	1.3	2	3	1.3	2
Kirkintilloch ...	1002	3	0.3	1	31	3.1	98	34	3.4	99
New Kilpatrick	529	...	...	...	10	1.9	...	10	1.9	...
Old Kilpatrick	2077	2	0.1	...	114	5.4	147	116	5.5	147
Dumbarton ...	1295	2	0.1	...	52	4.0	109	54	4.1	109
Vale of Leven	919	2	0.2	...	14	1.5	181	16	1.7	181
Helensburgh ...	512	...	...	...	9	1.7	58	9	1.7	58
Total ...	6559	9	0.1	1	233	3.5	595	242	3.4	596

PREVIOUS ILLNESSES.

SCHOOL MANAGEMENT AREA	No. of Routine Cases Exam- ined	Measles		Whooping Cough		Chicken Pox		Mumps		Scarlet Fever		Diphtheria		Infantile Paralysis		Rheuma- tism		Fits		Others	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld ...	225	152	66.8	120	52.0	72	31.8	52	22.8	10	4.4	9	3.9	1	0.4	2	0.8	...	...	69	29.9
Kirkintilloch ...	1002	753	75.1	549	54.7	362	36.0	315	31.3	87	8.6	59	5.8	2	0.2	10	0.9	...	...	327	32.5
New Kilpatrick	529	408	77.1	295	55.7	231	43.7	202	38.2	39	7.4	14	2.6	1	0.2	6	1.1	...	...	180	34.0
Old Kilpatrick ...	2077	1582	76.8	1180	56.7	751	36.1	602	29.0	211	10.0	109	5.2	4	0.2	6	0.3	1	0.04	560	26.8
Dumbarton ...	1295	1155	89.2	854	66.0	536	41.4	586	45.3	156	12.1	132	10.1	1	0.1	26	2.0	2	0.1	409	31.6
Vale of Leven ...	919	764	83.0	570	52.0	387	42.0	392	42.6	113	12.2	41	4.4	4	0.4	23	2.5	1	0.1	380	41.3
Helensburgh ...	512	391	76.3	303	59.2	249	41.6	177	34.6	33	6.4	18	3.5	1	0.2	8	1.6	...	...	171	23.4
Total ...	6559	5205	79.1	3871	58.9	2588	39.3	2326	35.4	649	9.8	382	5.8	14	0.2	81	1.2	4	0.1	2096	31.9

VACCINATION.

SCHOOL MANAGEMENT AREA	Entrants			Age 8			Age 13			Age 16			Total		
	Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated		Rou- tine Cases Exam- ined	Unvaccinated	
		No.	%		No.	%		No.	%		No.	%		No.	%
Cumbernauld	105	66	62.9	84	32	38.1	36	10	27.8	...	...	...	225	108	48.0
Kirkintilloch	295	178	60.7	302	116	38.4	353	123	34.9	52	10	19.2	1002	427	42.6
New Kilpatrick	177	84	47.5	189	79	41.8	124	39	31.5	39	3	7.0	529	205	38.8
Old Kilpatrick	730	492	67.4	762	428	56.2	565	206	36.3	20	6	30.0	2077	1132	55.0
Dumbarton	375	260	69.3	364	264	72.5	491	344	70.0	65	26	40.0	1295	894	69.1
Vale of Leven	331	232	70.0	338	236	69.8	220	137	62.0	30	13	43.0	919	618	67.3
Helensburgh	161	87	54.0	202	105	56.9	121	61	50.0	28	7	25.0	512	260	51.0
Total	2174	1399	*64.4	2241	1260	*56.2	1910	920	*48.2	234	65	*27.8	6559	3644	*55.6
	*Increase compared with last year = 10.6%			*Increase compared with last year = 0.9%			*Decrease compared with last year = 3.4%			*Increase compared with last year = 4.2%			*Increase compared with last year = 2.8%		

8.—Special Schools and Classes.

Special Schools—There are two Special Schools in the County—Waverley Park Home, Kirkintilloch; and Milton School, Bowling. College Street School, Dumbarton, for Physically Defective Children is now a division of Milton School. In Waverley Park Home, which is maintained by the West of Scotland Association for the Care of the Feeble-Minded, there is at present 1 pupil from the County.

Milton Special School, which serves the areas of Helensburgh, Vale of Leven, Dumbarton, Old and New Kilpatrick, now deals with mentally defective children. There are 78 children on the roll, in 4 classes. The physically defective children from these areas are on the roll of Milton School, but attend College Street School, Dumbarton. There are 27 children on the roll, in 2 classes.

Special Classes :—

(a) *For Mentally Defective Children*—Lairdsland School, Kirkintilloch, with 16 on the roll.

(b) *For Conservation of Vision*—Hartfield School, Dumbarton, with 14 on the roll; Elgin Street School, Clydebank, with 10 on the roll;—Lairdsland School, Kirkintilloch, with 7 on the roll.

(c) *Deaf Mute Children* from Helensburgh, Vale of Leven, Dumbarton, Old and New Kilpatrick, attend a class in Hartfield School, Dumbarton. There are 6 on the roll. Deaf-Mute children from the parishes of Cumbernauld and Kirkintilloch are by arrangement with the Glasgow Education Committee, taught in the Glasgow Schools for Deaf-Mutes.

The following are the totals for the County :—

Mental Defectives	...	...	...	...	...	...	94
Physical Defectives	...	...	...	...	...	...	27
Deaf-Mutes	...	...	...	...	...	...	6
Conservation of Vision	...	...	...	...	...	...	31
Total	...	...	...	...	...	...	158

Number of Physically Defective Children in Institutions paid for by the County Council ... 12

Number of Mentally Defective Children in Institutions paid for by the County Council ... 4

Blind Persons in training under Blind Persons' Act, 1920 (cost of training borne by the County Council, and maintained by the Local Authority) :—

(a) Glasgow Royal Blind Asylum	...	...	...	Nil
(b) Edinburgh Royal Blind Asylum	...	...	...	Nil
Total	...	...	...	Nil

Medical Inspection of Special Schools—All the children attending Special Schools were medically examined during the session, as has been done each year for some time past. During the present session 65 children—34 boys and 31 girls—were examined. Of these, 59 were mentally defective, and 6 physically defective. Of these children, 4 were classed as having nutrition below average, 13 had had tonsils and adenoids removed, 3 had unhealthy tonsils, 10 required dental treatment, while 4 had defective eyesight, and 11 physical defects. Myopic Class, Hartfield—12 children were examined, 7 boys and 5 girls. Deaf-Mute Class, Hartfield—4 children were examined, 3 boys and 1 girl.

Special Appliances Supplied to Pupils—During the session the Committee agreed to the provision or repair of the following appliances :—

Artificial Limb ...	...	...	...	...	2
Splints ...	...	...	...	...	7
Special Boots ...	...	...	...	...	8
Spinal Jacket ...	...	...	...	...	1
Others ...	...	...	...	...	2
Total ...					20

9.—Arrangements for Physical Education and Personal Hygiene.

A. *Physical Exercises*.—The arrangements for these remain much the same as in former years. (See Annual Reports, 1914-1915, page 72; 1919-1920, page 41; 1920-1921, page 38; and 1927-1928, page 17).

Children for whom exemption from Physical Exercises and/or Baths was asked were examined by the School Medical Officers, and exemption was granted if sufficient reason was found. In addition to these, children who were found by the School Medical Officers in the course of routine examinations to be suffering from such physical defects as demanded exemption from drill and/or baths were exempted.

The reasons for exemption were as follows :—

Heart Conditions ...	...	...	...	10
Recent Operation or Illness ...	...	...	...	12
Rheumatism ...	...	...	...	7
Other Conditions ...	...	...	...	8

10.—Feeding of School Children.

Milk in Schools.

I am indebted to the Director of Education for the following details in connection with the Milk in Schools Scheme. The average number of pupils taking milk during the session 1947-48 was 17,190 (approximately 80 per cent. of the roll).

Employment of Children (Scotland) Act, 1932.

Permits under the above Act were issued as follows, after the applicants had been examined by the School Medical Officers :—

	Granted.	Refused.	Total.
Cumbernauld ...	—	—	—
Kirkintilloch ...	7	—	7
New Kilpatrick ...	18	—	18
Old Kilpatrick ...	—	—	—
Dumbarton ...	8	—	8
Vale of Leven ...	10	—	10
Helensburgh ...	18	—	18
Total ...	61	—	61

Admission of Children to Approved Schools.

During the session 17 children were examined with special regard to their suitability, physically and mentally, for admission to Approved Schools. Of these, 17 were committed by the Sheriff to institutions.

II.—Arrangements for Medical Treatment.

See Annual Reports, 1927-1928, pages 38, 39 and 40; and 1928-1929—pages 46-54.

See also Annual Report for 1935-1936 for summary of facilities for treatment in the County.

X-Ray Treatment of Ringworm.

There were no cases of ringworm of the scalp diagnosed during the present session.

Ultra-Violet Light Treatment.

In the Alexandria Clinic 31 children were treated. The number of attendances was 425, and the average number of treatments was 14. The causes of reference were—Bronchitis and Asthma, 12; Debility, 9; Enlarged Glands, 7; Others, 3. Of these, 25 were improved, 2 were unchanged, while 4 cases stopped attendance.

At the Helensburgh Clinic 16 children were treated. The number of attendances was 295, and the average number of treatments was 19. The causes of reference were—Debility, 7; Bronchitis, 7; Alopecia, 1; Rheumatism, 1. Fifteen of these cases were definitely improved.

At the Dumbarton Clinic 21 children were treated. The number of attendances was 381, and the average number of treatments was 18. The causes of reference were—General Debility, 8; Bronchitis, 7; Rheumatism, 1; Asthma, 1; Others, 4. Of these, 18 were definitely improved, 1 remained unchanged, 2 ceased attendance.

At the Kirkintilloch Clinic 15 school children were treated. The number of attendances was 359, and the average number of treatments was 24. The causes of reference were—Debility, 7; Enlarged Glands, 6; Skin Conditions, 2. Ten of these cases were much improved.

ORTHOPAEDIC TREATMENT.

Deformity or Disease	Clydebank Clinic			Dumbarton Clinic			Kirkintilloch Clinic			Vale of Leven Clinic			Helensburgh Clinic			Cardross Park Home			Total		
	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.
Kyphosis	3	1	4	1	1	2	2	1	3	4	2	6	1	...	1	...	4	4	11	9	20
Lordosis	...	1	1	...	...	...	...	4	4	...	1	1	...	2	2	7	5	12	7	13	20
Kypho-Lordosis	2	6	8	...	1	1	2	5	7	...	...	...	2	3	5	3	5	8	9	20	29
Scoliosis	...	...	...	...	3	3	...	1	1	...	1	...	...	...	...	...	2	2	1	6	7
Chest	1	2	3	7	1	8	3	1	4	1	...	1	2	...	2	1	...	1	15	4	19
Foot	10	18	28	3	7	10	11	16	27	10	7	17	5	5	10	...	...	...	39	53	92
Infantile Paralysis	...	...	...	2	1	3	2	...	2	...	...	...	...	...	...	1	1	2	5	2	7
Asthma	1	...	1	...	1	1	...	...	...	...	...	...	3	...	3	1	...	1	5	1	6
Mouth Breathing	32	13	45	17	6	23	8	7	15	7	13	20	6	3	9	2	...	2	72	42	114
Rheumatism	2	...	2	...	...	...	1	4	5	...	1	1	...	1	1	...	...	...	3	6	9
Others	1	6	7	...	...	...	3	1	4	2	1	3	1	2	3	2	2	4	9	12	21
Total ...	52	47	99	30	21	51	32	40	72	25	25	50	20	16	36	17	19	36	176	168	344

Response to Treatment.

Clinic	Good			Fair			Unsatisfactory		
	Boys	Girls	Tl.	Boys	Girls	Tl.	Boys	Girls	Tl.
Clydebank	...	...	...	...	...	...	...	...	...
Dumbarton	...	...	...	...	...	...	...	...	...
Kirkintilloch	...	...	...	...	...	...	...	...	...
Vale of Leven	...	...	...	...	...	...	...	...	...
Helensburgh	...	...	...	...	...	...	...	...	...
Cardross Park Home	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...
	163			110			71		

Number of Treatments Given.

Clydebank—2289 Dumbarton—2290 Kirkintilloch—1849 Vale of Leven (with Dumbarton) Cardross Park Home—717
Total—7387

RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS.

As it has been suggested that the removal of tonsils and/or adenoids results in little permanent benefit, an examination was made of pupils who had been operated on a considerable number of years before. During the present session there were 285 children re-examined at the age of fourteen or sixteen years who had had tonsils and adenoids, or tonsils only, or adenoids only, removed previously. Of these, 263 were found to be absolutely satisfactory, the remaining 22 showing evidence of rheumatism or chorea, asthma, bronchial troubles, deafness, or otorrhoea.

The following table shows details of this investigation :—

No. of Years after Operation	No. of Cases					Reasons for Classification as unsatisfactory.						
		Satisfactory		Unsatisfactory		Rheumatism	General Health Unsatisfactory	Asthma	Bronchial Conditions	Nasal Catarrh	Deafness	Otorrhoea
		No.	%	No.	%							
10 or more	28	28	100.0	...	...	...	...	...	...	...	...	...
9	37	33	89.2	4	10.8	1	...	...	1	1	...	1
8	28	25	89.3	3	10.7	...	...	...	...	...	1	2
7	47	45	95.8	2	4.2	1	...	...	...	...	...	1
6	29	26	89.7	3	10.3	...	1	...	...	...	1	1
5 or less	116	106	91.4	10	8.6	1	...	1	3	2	1	2
Total	285	263	92.3	22	7.7	3	1	1	4	3	3	7

RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS.

The following table shows the results of inquiry as to the conditions following the removal of tonsils and/or adenoids. The children are examined one year after operation. The figures given are the totals since session 1932-33. See Annual Report, 1932-33, pp. 42-43.

		Tonsils and Adenoids Removed.				Adenoids only Removed.			
		Result Satisfactory.	Result Moderately Satisfactory.	Result Unsatisfactory	Total	Result Satisfactory	Result Moderately Satisfactory	Result Unsatisfactory	Total
	Number — Percentage	4567 77.5	979 16.6	351 5.9	5897	306 45.6	231 34.4	134 20.0	671
Mouth Breathing	Present before operation	3443	804	231	4478	270	111	100	481
	Continuing after operation	127	174	142	443	13	34	68	115
	Apparently cured ...	3316	630	89	4035	257	77	32	366
	Beginning after operation	2	13	7	22	1	...	1	2
Deafness	Present before operation	638	237	68	943	188	42	20	250
	Continuing after operation	66	116	54	236	30	16	13	59
	Apparently cured ...	572	121	14	707	158	26	7	191
	Beginning after operation	8	5	6	19	5	...	1	6
Discharging Ear	Present before operation	527	188	522	1237	51	23	15	89
	Continuing after operation	66	103	169	338	13	7	11	31
	Apparently cured ...	461	85	353	899	38	16	4	58
	Beginning after operation	25	34	12	71	...	5	5	10
Discharging Nose	Present before operation	1906	482	176	2564	171	79	87	337
	Continuing after operation	127	282	156	565	16	51	80	147
	Apparently cured ...	1779	200	20	1999	155	28	7	190
	Beginning after operation	28	34	18	80	...	5	5	10
Susceptibility to Colds and/or Sore Throats	Present before operation	3751	811	236	4798	220	90	105	415
	Continuing after operation	162	282	172	616	19	16	88	153
	Apparently cured ...	3589	529	64	4182	201	44	17	262
	Beginning after operation	12	5	10	27	...	1	3	4
Enlarged Glands	Present before operation	2192	616	79	2887	43	16	33	92
	Continuing after operation	80	113	28	221	11	4	23	38
	Apparently cured ...	2112	503	51	2666	32	12	10	54
	Beginning after operation	8	8	3	19	...	...	4	4
Rheumatism or Chorea	Present before operation	178	87	12	277	10	1	...	11
	Continuing after operation	48	42	8	98	7	1	...	8
	Apparently cured ...	130	45	4	179	3	...	...	3
	Beginning after operation	53	41	4	98	2	4	...	6

TREATMENT OF MINOR AILMENTS.

District	Nurse	Number of Children dealt with	Total Number of Attendances	Number of Visits to Parents	Number of Visits to Clinics or Schools	Eye Cases	Throat and Nose Cases	Ear Cases	Skin Cases	Others	Attendances at Eye, Operation, Dental and other Clinics
Cumbernauld ...	C. Dempsey	...	...	...	...	...	...	...	...	...	55
Kirkintilloch ...	C. M. Jeffrey	416	2492	38	87	2	...	65	285	64	93
	M. G. Miller	...	...	...	...	...	...	...	...	...	81
Kirkintilloch (Twechar)	A. Gee	130	1226	33	39	1	...	6	26	97	58
Cumbernauld (Croy) ...		124	1008	33	37	1	...	3	47	73	...
New Kilpatrick	C. King	263	606	25	47	10	2	4	212	35	65
Old Kilpatrick (Duntocher)	C. T. Gavin	365	583	19	37	12	6	34	308	5	90
Old Kilpatrick (Gavinburn and Milton) ...	M. Callaghan	...	...	26	...	...	...	...	...	...	96
Clydebank Burgh (Clydebank High, Elgin Street, Our Holy Redeemer's and Whitecreek)	J. Scott	486	1216	55	41	15	...	40	415	16	177
Clydebank Burgh (Dalmuir, Janetta Street and St. Stephen's)	M.M. MacDonald	435	1030	46	48	10	3	32	256	134	168
Dumbarton (except West Bridgend, Notre Dame and St. Patrick's)	M. Gilmour	1039	1706	6	43	...	...	35	977	27	134
Dumbarton (West Bridgend, Notre Dame and St. Patrick's)	M. Callaghan	...	...	...	...	...	...	...	...	...	138
Vale of Leven (Academy, Main Street, Levenvale, St. Mary's, Ardoch Bridge, and Croftamie) ...	M. Callander C. W. Bennie (Resigned) A. Taylor	209	382	1	50	6	10	36	75	82	96
Vale of Leven (Bonhill and Jamestown) ...	M. G. Wilson (Resigned) A. Taylor	18	23	1	16	1	...	2	4	11	35
Renton Cardross ...	E. M. Rankin	845	1154	14	66	5	...	15	816	9	61
Helensburgh ...	K. Stevenson	171	520	20	40	3	...	24	67	77	48
	E. A. Sandilands	...	...	...	...	...	...	...	...	...	36
Total ...		4501	11946	317	551	66	21	296	348	630	1421

Ophthalmic Treatment of School Children

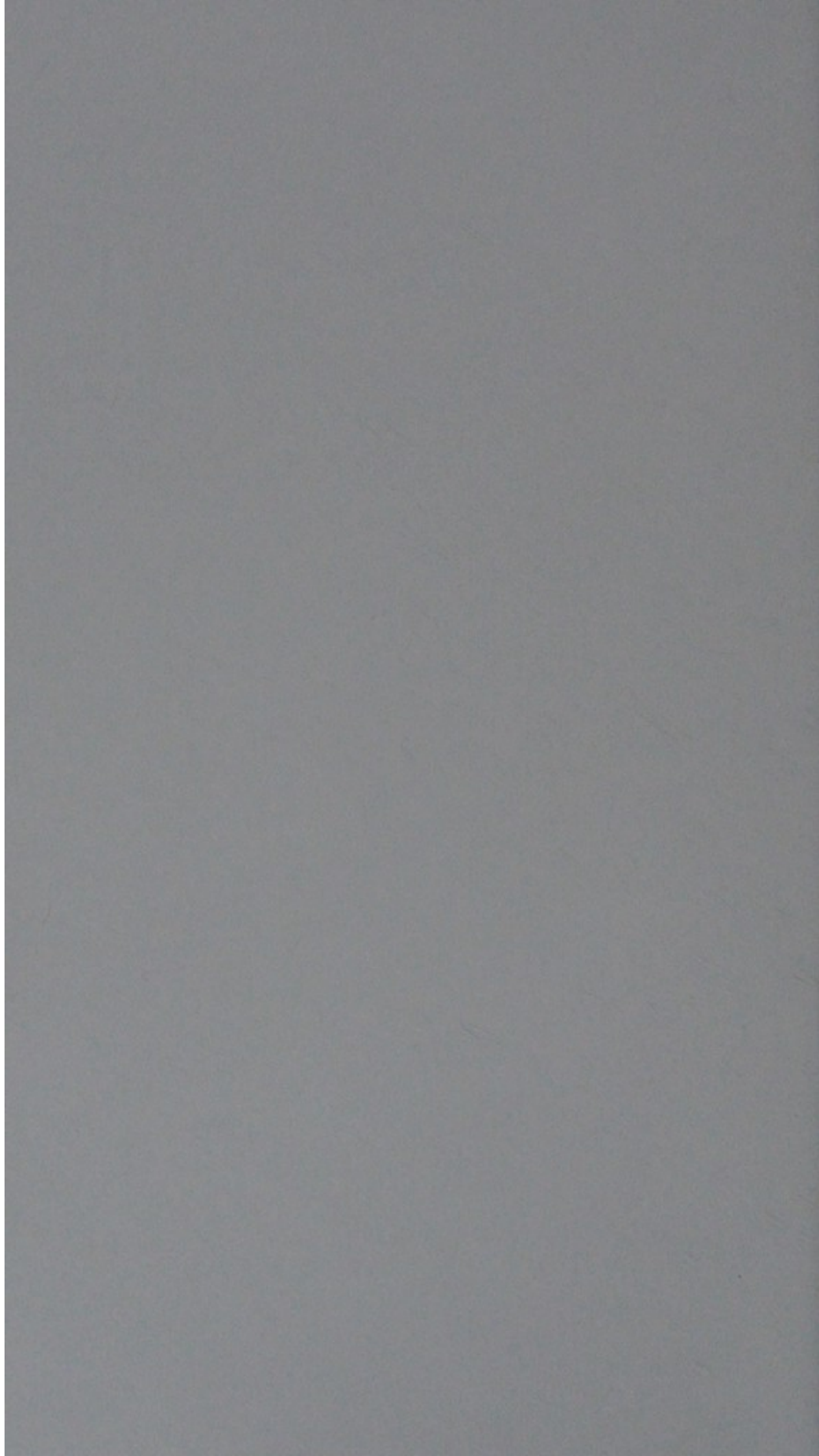
SCHOOL MANAGEMENT AREA.												
	Dumbarton.		Helensburgh.		Kirkintilloch and Cumbernauld.		New Kilpatrick.		Old Kilpatrick.		Vale of Leven.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Defective Vision corrected with Spectacles ...	85	82	39	41	56	78	14	15	86	90	45	58
Defective Vision too slight to benefit from Spectacles ...	9	13	2	2	3	4	5	1	32	28	2	8
Defective Vision treated otherwise ...	4	7	5	2	...	...	2	2	8	— 6	5	9
Total Number of Children Examined ...	98	102	37	36	59	82	21	18	126	124	52	75
Re-examinations ...	83	90	16	19	16	27	10	8	70	70	48	54

Total Number of Children Examined—830

Total Number of Spectacles Supplied—738

DENTAL TREATMENT OF SCHOOL CHILDREN

Dental Officers	Number of Children Treated						Conservation				Extractions			Orthodontics		
	Result of Routine Inspection			No. of Emergency Cases Treated	Total No. of Children Treated	No. of Attendances Made	Fillings		Other Operations		Temp. Teeth	Perm. Teeth	Administ- ration of General Anaes- thetics	No. of Appliances Supplied	No. of Attendances Made	No. of Completed Cases
	No. of Children Inspected	No. of Children Requiring Treatment	No. of Children Treated				Temp. Teeth	Perm. Teeth	Temp. Teeth	Perm. Teeth						
Mr. F. A. Cassidy	418	365	268	181	449	1129	125	397	42	188	550	126	102	13	199	3
Miss McKendrick	946	797	533	188	721	2972	1	785	...	408	1856	220	320	53	436	46
Mr. MacDonald	1004	532	264	259	523	2134	41	941	54	744	215	121	...	16	116	10
Mrs. Dinn ...	765	579	587	96	683	1692	125	1260	200	1290	409	108	42	12	43	2
Miss Speirs ...	675	551	326	420	746	2756	150	897	253	260	947	213	112	31	232	25
Miss McLennan	462	388	367	130	497	2998	557	1422	136	186	363	77	10	35	482	4
Mr. Thomson ...	844	685	420	48	468	1230	322	539	41	32	802	80	38	1	3	...
Mr. Brown ...	...	...	59	98	157	956	43	280	76	197	226	57	28	20	220	5
Total	5114	3897	2824	1420	4245	15,867	1364	6521	802	3305	5367	1002	652	181	1731	95



Ophthalmic Treatment of School Children—Continued.

Complications	SCHOOL MANAGEMENT AREA.											
	Dumbarton		Helensburgh.		Kirkintilloch and Cumbernauld.		New Kilpatrick.		Old Kilpatrick.		Vale of Leven.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Blepharitis ...	3	7	1	3	9	12	7	0	6	5	3	9
Dacryocystitis ...	0	0	0	0	0	0	0	0	0	0	0	0
Ptosis ...	0	0	0	0	0	0	0	0	0	0	0	0
Strabismus convergens ...	20	21	9	10	5	0	1	7	35	42	17	18
Strabismus-divergens ...	1	0	0	0	1	4	0	0	0	2	0	4
Conjunctivitis, Keratitis and Iritis	6	1	5	3	4	3	0	0	1	2	1	1
Opacity of Cornea ...	1	1	0	0	1	0	0	0	4	0	0	0
Opacity of Lens ...	1	1	0	0	1	0	0	0	0	0	0	0
Dislocation of Lens ...	0	2	0	0	1	0	0	0	0	0	0	0
Aphakia ...	0	0	0	0	0	0	0	0	0	0	0	0
Synechia Anterior ...	0	0	0	0	0	0	0	0	1	0	0	0
Synechia Posterior ...	0	0	0	0	0	0	0	0	1	0	0	0
Coloboma Uvea ...	0	0	0	0	1	0	0	0	0	0	0	0
Uveitis ...	0	1	0	0	0	0	0	0	0	0	0	0
Choroido-Retinitis ...	0	0	0	0	0	0	0	0	0	0	0	0
Optic Atrophy ...	0	1	0	0	1	0	0	0	3	0	0	0
Nystagmus ...	0	0	0	0	0	0	0	0	0	0	0	0
Albinism ...	1	2	0	0	0	0	0	0	1	0	0	0
Buphthalmos ...	0	0	0	0	0	0	0	0	2	0	0	0
Microphthalmia ...	0	0	0	0	0	0	0	0	0	1	0	0
Anophthalmos ...	0	0	0	2	0	0	0	0	0	0	0	0

1940 AGE GROUP.

EYE EXAMINATION.

Slight visual defect=6/9—6/12; marked visual defect=6/18 or worse (Snellen's Test at 6 metres).

School Management Area	No. of Children Examined	Normal Vision		Slight Defect (both eyes)		Marked Defect (both eyes)		Slight Defect (one eye)		Marked Defect (one eye)		Unreliable Results		No. of Children found wearing Glasses		Scribismus	Blepharitis	Conjunctivitis	Corneal ulcers or Opacities	Others
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%					
Eastern Area Cumbernauld Kirkintilloch New Kilpatrick	Boys	296	84.8	20	6.9	7	2.3	5	1.7	10	3.3	3	1.0	15	5.1	13	1	...	...	...
	Girls	246	87.8	16	6.6	5	2.0	6	2.4	3	1.2	...	...	9	3.7	4	2	...	...	...
	Total	542	86.3	36	6.7	12	2.2	11	2.1	13	2.2	3	0.5	24	4.4	17	3	...	...	...
Old Kilpatrick	Boys	403	86.6	25	6.3	6	1.5	9	2.2	7	1.7	7	1.7	1	0.3	6	2	...	...	...
	Girls	374	81.6	36	9.6	4	1.1	18	4.8	2	0.5	9	2.4	3	0.8	9	2	...	...	...
	Total	777	84.1	61	8.0	10	1.3	27	3.5	9	1.1	16	2.0	4	0.6	15	4	2	...	...
Dumbarton	Boys	132	81.8	8	6.0	5	3.8	9	6.8	1	0.8	1	0.8	4	3.0	1	1	...	...	...
	Girls	180	75.6	16	8.8	4	2.2	22	12.2	1	0.6	1	0.6	3	1.6	2	...	1	...	...
	Total	312	78.7	24	7.4	9	3.0	31	9.5	2	0.7	2	0.7	7	2.3	3	1	1	1	...
Western Area Vale of Leven Helensburgh	Boys	173	81.5	5	2.9	9	5.2	5	2.9	12	6.9	1	0.6	2	1.2	1	1	...	...	...
	Girls	166	74.1	11	6.7	6	3.6	12	7.2	12	7.2	2	1.2	5	3.0	3	1	...	...	1
	Total	339	77.8	16	4.8	15	4.4	17	5.0	24	7.1	3	0.9	7	2.1	4	2	1	...	1
Total ...	Boys	1004	84.8	58	5.7	27	2.6	28	2.7	30	3.0	12	1.2	22	2.2	21	5	...	...	...
	Girls	966	80.9	79	8.1	19	2.0	58	6.0	18	1.8	12	1.2	20	2.1	18	5	4	...	...
	Total	1970	82.9	137	6.9	46	2.3	86	4.3	48	2.4	24	1.2	42	2.1	39	10	4	1	1

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

1940 AGE GROUP.

EAR EXAMINATION.

School Management Area	Total Number of Children Examined	Normal Hearing		Defective Hearing				Otorrhoea	Otitis Media	Others
		No.	%	Grade 2		Grade 3				
				No.	%	No.	%			
Eastern Area Cumbernauld Kirkintilloch New Kilpatrick	Boys	296	96.6	10	3.4	...	...	...	...	1
	Girls	246	98.0	5	2.0	...	...	...	...	1
	Total	542	97.3	15	2.7	...	...	...	...	2
Old Kilpatrick	Boys	403	97.3	9	2.2	2	0.5	2	...	...
	Girls	374	97.9	8	2.1	...	...	2	...	...
	Total	777	97.6	17	2.2	2	0.2	4	...	...
Dumbarton	Boys	132	98.6	...	0.7	1	0.7	2	...	...
	Girls	180	100.0	...	...	...	...	...	...	...
	Total	312	99.3	1	0.4	1	0.3	2	...	...
Western Area Vale of Leven Helensburgh	Boys	173	97.1	5	2.9	...	...	...	1	...
	Girls	166	91.6	12	7.2	2	1.2	1	...	2
	Total	339	94.4	17	5.0	2	0.6	1	1	2
Total ...	Boys	1004	97.2	25	2.5	3	0.3	4	1	1
	Girls	966	97.2	25	2.6	2	0.2	3	...	3
	Total	1970	97.2	50	2.6	5	0.2	7	1	4

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

Grade 3—Children who can hear ordinary conversational voice at not more than 2 feet, if at all.

REPORT BY SCHOOL NURSES.

District	Nurse	Number of Children Examined	Total Number of Inspections	Number of Visits to Parents or Schools	Vermin or Nits on Head	Vermin or Nits on Body	Vermin Suspected	Unsatisfactory Clothing	Unsatisfactory Footgear	Others
Cumbernauld ...	C. Dempsey	26	342	38	32	...	...	3	...	97
Kirkintilloch ...	C. M. Jeffrey	63	361	58	36	...	26	1	...	...
	M. G. Miller	85	582	29	85	...	...	...	...	...
Kirkintilloch (Twechar) Cumbernauld (Croy)	A. Gee	50	496	74	40	4	8	8	2	1
		65	617	76	60	3	4	10	2	...
New Kilpatrick ...	C. King	36	318	31	36	...	...	...	...	...
Old Kilpatrick (Duntocher) ...	C. T. Gavin	79	330	42	68	3	...	8	...	...
Old Kilpatrick (Gavinburn and Milton)	M. Callaghan	45	354	27	28	2	...	2	1	3
Clydebank Burgh (Clydebank High, Elgin Street, Whitecrook, Our Holy Redeemer's)	J. Scott	249	864	106	184	5	17	50	7	14
Clydebank Burgh (Dalmuir, Janetta Street, and St. Stephen's) ...	M. M. Macdonald	314	2024	140	270	3	23	35	2	9
Dumbarton (except West Bridgend, Notre Dame and St. Patrick's High)	M. Gilmour	428	1168	67	329	...	...	11	13	15
Dumbarton (West Bridgend, Notre Dame and St. Patrick's High)	M. Callaghan	235	1176	74	207	2	3	6	4	...
Vale of Leven (Academy, Main Street, Levenvale St. Mary's, Ardoch Bridge, Croftamie)	M. Callendar	1417	3026	93	255	...	...	34	24	17
	C. W. Bennie (Resigned)									
	A. Taylor									
Vale of Leven (Bonhill and Jamestown) ...	M. G. Wilson (Resigned)	590	975	70	308	...	...	16	10	18
	A. Taylor									
Renton ...	E. M. Rankin	67	8002	36	62	...	5	8	9	5
Cardross ...										
Helensburgh ...	K. Stevenson,	146	1897	57	137	...	4	4	3	20
	E. A. Sandilands	68	1116	55	51	...	13	4	...	15
Total ...		3963	23648	1003	2188	22	103	200	77	214

SECTION II.

REVISED FORM OF REPORT FOR YEAR ENDING JULY 31st, 1948.

(1) LIST OF STAFF.

(See page 5).

(2) GENERAL STATISTICS.

(See page 6).

(3) SANITARY CONDITION OF SCHOOLS.

(See page 7).

(4) ORGANISATION AND ADMINISTRATION.

(See Annual Report for 1938-39, pages 50-55).

(5) FINDINGS OF MEDICAL INSPECTION.

A.—General Review.

During the session, 6,559 pupils were examined at the routine inspections (boys 3,352, girls 3,207). This number is 42 more than the number examined last year. The number of non-routine cases examined was 2,545.

(1) *Condition of Clothing*.—Of the routine cases examined there were none whose clothing was regarded as insufficient, and only 6 (0·1 per cent.) whose clothing was classified as only moderately sufficient. There were 10 children (0·2 per cent.) whose clothing was in bad repair, and 41 others (0·6 per cent.) whose clothing was in a moderate state of repair. With regard to cleanliness of clothing, 42 (0·6 per cent.) children were classified as moderately clean, and none were bad.

(2) *Footgear*.—Only 1 child (0·1 per cent.) was found with bad footgear, and there were 40 (0·6 per cent.) whose footgear was only moderately satisfactory.

(3) *Uncleanliness of Head and Body*, or both, including such conditions as nits or vermin. Of the routine cases examined, only 3 (0·1 per cent.) were found with vermin on the head, but there were 359 (5·1 per cent.) with nits; of these, 20 (0·6 per cent.) were boys, and 339 (9·6 per cent.) were girls. There was only 1 (0·1 per cent.) child with vermin on the body, and 1 (probably the same one) with nits on the body. Seven non-routine cases had nits on the head, and 1 had vermin.

It is satisfactory to find that the fall in the number of verminous children noted last year still continues.

Apart from verminous conditions, there were 25 (0·4 per cent.) whose heads were classified as only moderately clean, and 13 (0·2 per cent.) whose heads were very dirty. There were also 38 (0·5 per cent.) whose bodies were only moderately clean, and 32 (0·4 per cent.) whose bodies were very dirty. Usually the children whose heads and bodies are very dirty are found among those who are verminous. Among the non-routine cases there were 6 children with very dirty heads.

(4) *Skin Diseases*.—Of the 6,559 routine cases examined, 26 (0·4 per cent.) suffered from some skin disease of the head. Of these, 12 (0·2 per cent.) had Impetigo; 3 (0·1 per cent.) had Alopecia; and 11 (0·1 per cent.) had other conditions. Of the non-routine cases, 119 had skin disease on the head—Impetigo accounting for 81, Alopecia 8, Sores 29, and others 1.

Skin disease of the body was present in 124 (2·0 per cent.) routine cases; of these, 12 (0·2 per cent.) had Eczema, 21 (0·3 per cent.) had Sores, 15 (0·2 per cent.) had Scabies, 4 (0·1 per cent.) had Psoriasis, and 72 (1·1 per cent.) had other conditions. Skin disease of the body was present in 391 non-routine cases; of these, 15 had Eczema, 10 had Ringworm, 96 had Sores, 76 had Scabies, 6 had Psoriasis, and 188 had other conditions.

The total number of cases of Scabies—routine and non-routine—was 91, compared with 143 and 171 for the two previous sessions.

(5) *Defective Nutrition.*—The number of children classified as being "below average" of nutrition was 377 (5.9 per cent.), and 8 (0.1 per cent.) were classified as very bad. There were 796 (12.0 per cent.) classified as being "above average." Of the non-routine cases, 3 were "below average," and 2 were "very bad."

(6) *Nose, Throat and Lymphatic Glands :—*

(a) *Nose.*—During the session, 61 routine cases (0.9 per cent.) were found suffering from nasal catarrh, usually chronic. Most of them were sent to Dr. J. Fulton Christie. Some of these cases were found to have sinus disease, and were treated by Dr. J. Fulton Christie at the Western Infirmary, especially when operation for tonsils and adenoids was indicated. Patients with non-purulent catarrh were given advice and treatment by the school medical officers. Nasal obstruction was present in 238 children (3.5 per cent.).—This was usually due to adenoids, or less frequently to deflected septum. Other diseases were present in 81 children (1.2 per cent.). Among the non-routine cases, 45 had nasal catarrh, 93 had nasal obstruction, and 201 had other conditions.

(b) 1. *Tonsils.*—At the routine examinations, 417 children (6.2 per cent.) had enlarged tonsils, 443 had much enlarged tonsils (6.6 per cent.), and 928 (13.9 per cent.) had had tonsils removed. At the non-routine examinations, 11 pupils had enlarged tonsils, and 320 had much enlarged tonsils.

(b) 2. *Adenoids.*—Of the 6,559 routine cases examined, 439 (8.0 per cent.) had enlarged adenoids, and 179 (2.7 per cent.) were suspected to have enlarged adenoids: 935 children (14.0 per cent.) had had adenoids removed. There were also 321 non-routine cases of adenoidal enlargement, and 12 cases of suspected enlargement. All these cases of definite or suspected enlargement of tonsils, or adenoids, or both, were referred to the ear, throat and nose surgeon. As in former years, a record was kept of the results of removal of tonsils and adenoids, the pupils being examined a year after operation. This record, which has been kept since the session 1932-1933, now shows the results in 5,897 cases of tonsils and adenoids removed, and 671 cases of adenoids only removed. Of the tonsils and adenoids removed, the result was satisfactory in 4,567 cases (77.5 per cent.), moderately satisfactory in 979 cases (16.6 per cent.), and unsatisfactory in 351 cases (5.9 per cent.). Of the 671 cases of adenoids only treated, the result was satisfactory in 306 cases (45.7 per cent.), moderately satisfactory in 231 cases (34.4 per cent.), and unsatisfactory in 134 cases (20.0 per cent.). A record is also kept of the late results of these operations as shown during the routine examinations of the third and fourth age groups, and the results are shown in the table on page 36. In all, there were 285 children re-examined who had had tonsils and adenoids, or adenoids only, removed. Of these, 263 showed satisfactory results, the remaining 22 cases showing evidence of rheumatism, chorea, asthma, bronchitis, or otorrhoea.

(c) *Lymphatic Glands.*—Submaxillary and cervical. Of the 6,559 cases examined, 97 (1.4 per cent.) had palpably enlarged submaxillary glands, 32 had markedly enlarged glands (0.4 per cent.), and 19 (0.3 per cent.) had suppurating glands or cicatrices: 66 children (1.0 per cent.) had palpably enlarged cervical glands, 9 cases (0.1 per cent.) had markedly enlarged cervical glands, and there were no cases of suppurating cervical glands. There were also 13 non-routine cases with palpably enlarged submaxillary glands, and 19 cases of markedly enlarged submaxillary glands, and 1 with suppurating glands: 11 non-routine cases had palpably enlarged cervical glands, and 10 cases had markedly enlarged cervical glands.

(7) *Eye Conditions.*—Of the 6,559 routine cases examined, 209 (3.1 per cent.) suffered from squint, 48 (0.7 per cent.) had blepharitis, 16 (0.2 per

cent.) had conjunctivitis, 4 cases (0.1 per cent.) had corneal opacities, and 17 (0.2 per cent.) had other diseases. Among the non-routine cases examined, 44 had squint, 42 had blepharitis, 42 had conjunctivitis, 6 had corneal opacities, and 58 had other conditions.—The vision of infants is not tested at the routine examination, but where defects are present or suspected, the pupils are referred to the eye specialist. In the other age groups, 4,385 children had their vision tested. Of these, 4,109 (93.7 per cent.) had good vision, 127 (2.9 per cent.) had fair vision, and 149 (3.4 per cent.) had bad vision. There were also 79 pupils (1.8 per cent.) with bad vision in one eye only. As a rule these children were referred to the eye specialist. There were also 121 non-routine cases with bad vision in both eyes, and 20 with bad vision in one eye only. A number of children with normal vision who complained of headaches were also referred to the eye specialist to find out whether the condition was ocular in origin, as it frequently was.

(8) *Ear Conditions.*—Of the 6,559 cases examined at routine inspections, 58 (0.8 per cent.) had otorrhoea, 13 (0.2 per cent.) had wax in one or both ears bad enough to justify treatment, and 21 cases (0.3 per cent.) had other conditions such as polypus, foreign body, etc., etc. There were also 140 cases found at non-routine inspections, of whom 58 suffered from otorrhoea, 19 from wax, and 63 cases from other conditions. There were 66 routine cases suffering from defective hearing, 33 (0.5 per cent.) of whom were classified as slightly deaf, and 33 (0.5 per cent.) as very deaf. In the majority of cases of slight deafness the origin was traced to enlarged tonsils and adenoids, and were referred to Dr. J. Fulton Christie for treatment.

(9) *Defective Speech.*—During the session, 39 children were found at the routine examinations to be suffering from speech defects. Of these, 32 (0.4 per cent.) had defective articulation, and 7 (0.1 per cent.) were stammerers. There were also 8 non-routine cases, of whom 5 had defective articulation, and 3 were stammerers. These children were referred to Miss Kenny, the speech therapist, and a report of her work will be found on page 54-55. As in many of these cases, the defect, particularly in the case of stammering, has its origin in some psychological maladjustment, the services of Miss Buchanan, the psychologist to the Education Committee, were secured to investigate the possible origin of the condition. The school medical officers gratefully acknowledge the willing co-operation of the speech therapists and the psychologists.

(10) *Mental and Nervous Conditions.*—of the 6,559 children examined at routine inspections, 59 (0.8 per cent.) were classified as dull or backward, and 5 (0.1 per cent.) as mentally defective. These figures are of little value, as the number of backward children recorded is only the number known to the medical officer as backward. In a great many cases the medical officer had no reliable information about the mental condition of the children examined. Among the non-routine cases, 1 was classified as backward, and 3 as mentally deficient. The numbers noted as mentally deficient do not include children enrolled in the special schools and classes.

The number of routine cases suffering from nervous conditions was 26 (5.0 per cent.), of whom 5 (0.9 per cent.) were epileptics, 2 (0.3 per cent.) had chorea, 14 (2.7 per cent.) had infantile paralysis, and 5 (0.9 per cent.) other nervous conditions. There were also 1 non-routine case with epilepsy, 21 with chorea, and 3 with other diseases. School children in the County, fortunately, suffered comparatively mildly in the recent severe epidemic of infantile paralysis.

Some of the cases requiring orthopaedic treatment were sent to Mr. Alexander Miller, orthopaedic surgeon at the Victoria Infirmary, Glasgow, for advice, and where it was considered advisable, were treated by the orthopaedic staff.

(11) *Heart Conditions.*—Of the 6,559 children examined at routine inspections, 61 cases of organic heart disease were noted (0.9 per cent.). Of these

cases, 7 (0.1 per cent.) were congenital in origin, and 54 (0.8 per cent.) were acquired. Seven other children (0.1 per cent.) had functional disease of the heart. There were also 20 non-routine cases of organic heart lesions, 5 cases being congenital, and 15 cases being acquired. In addition there were 2 non-routine cases with functional heart disease. When it was found advisable, pupils with heart disease were told either to cease taking drill, or to have the drill modified in some way likely to be to their advantage, and the headmasters were notified accordingly.

(12) *Lung Conditions*.—Of 6,559 children examined at routine inspections, 246 cases (3.7 per cent.) suffered from some lung disease. Of these, 163 (2.4 per cent.) suffered from bronchial catarrh, 47 (0.7 per cent.) from bronchitis, 1 (0.1 per cent.) from tuberculosis, 6 (0.1 per cent.) from suspected tuberculosis, and 29 (0.4 per cent.) from asthma. There were 182 non-routine cases of lung disease: of these, 79 had bronchial catarrh, 55 had bronchitis, 4 had tuberculosis, 15 were cases of suspected tuberculosis, and 29 cases suffered from asthma.

Where children were suspected of having a tubercular infection, the opinion of the tuberculosis officer was sought, and most cases were submitted to X-ray examination.

(13) *Deformities*.—Deformities were present in 182 (2.7 per cent.) of the children examined at routine inspections. Of these deformities, 26 (0.4 per cent.) were congenital, 156 (2.3 per cent.) were acquired. There were also 56 non-routine cases found—5 having a congenital deformity, and 51 having acquired deformities. The acquired cases were mostly postural defects such as kyphosis, scoliosis, lordosis, and flat feet, with some cases due to infantile paralysis.

Suitable cases were referred to the Orthopaedic staff for treatment, and further particulars will be found on page 35. There were 2 cases of rickets found during the session—one a routine case, and the other a non-routine one.

(14) *Infectious Diseases*.—Among the children examined at the routine inspections, 11 cases (0.1 per cent.) were suffering from infectious disease, of whom 6 (0.1 per cent.) had chicken-pox, 2 (0.1 per cent.) had measles, 1 (0.1 per cent.) had mumps, and 2 (0.1 per cent.) had scarlet fever. There were 35 non-routine cases of infectious disease. Of these, 3 had whooping cough, 9 had chicken-pox, 3 had measles, 17 had mumps, 1 had scarlet fever, and 2 cases of diphtheria were found.

Diphtheria Immunisations.—Of the 6,559 cases examined at routine inspections, 4,400 were known to have been immunised prior to the examination. This was 67.0 per cent. of the total compared with 68.6 per cent. last session. The parents of any entrants found not to be immunised are offered the chance of having the child done, and in many cases advantage is taken of this offer. Indifference rather than opposition accounts for the majority of defaulters. The Department of Health recommended that children immunised in infancy should receive a "boosting" dose of 0.5 c.c. on entering school, and at nine years. The number of children immunised by the school medical officers (excluding pre-school children in the burghs of Dumbarton and Clydebank) was as follows:—

No. of children who completed a full course of immunisation during the period, 1,393.

No. of maintenance inoculations given during the period, 1,539.

(15) *Other Diseases and Defects* were present in 242 cases (3.7 per cent.) at routine inspection. Of these, 13 (1.2 per cent.) were non-pulmonary tubercular cases, 6 being glandular, 2 cases of joint infection, 3 abdominal tuberculosis, and 2 other cases of non-pulmonary infection. There were 9 children (0.1 per cent.) with hernia, and 233 cases (3.5 per cent.) with other diseases. Among those seen at non-routine inspections, 9 cases of non-pulmonary tuberculosis were found—5 glandular, 2 infection of bones,

and 3 abdominal. There was also 1 non-routine case of hernia, and 595 cases of other disease or defect.

(6) MEDICAL TREATMENT.

The details in connection with the following sub-headings will be found in the body of the report on the pages indicated against each item. It is impossible to ascertain accurately how many children in these groups received treatment privately, or through hospitals under arrangements made by parents.

A.—Minor Ailments :—(1), (2), (3) and (4). See "Treatment of Minor Ailments" on page 38.

B.—Defective Vision and Squint :—See Tables "Ophthalmic Treatment of School Children" on pages 40-41.

C.—Nose and Throat (Operative Treatment) :—See Table "Throat, Nose and Ear Clinics" on page 39.

(7) DENTAL TREATMENT.

The information required is shown on Table "Dental Treatment" on page 38, and also in the Table "Dental Inspection and Treatment" on page 40a.

Report by Senior Dental Officer.

"Dental Disease is a health problem, involving as it does almost the entire population" "A complete health service must include a complete dental service—Universal dental care for children beginning at an early age is the only possible solution."

Extract from *Public Health Dentistry*, 1937.

I submit my first Annual Report on the School Dental Service. School dentistry in Britain has for many years been summed up by the slogan "The greatest good for the greatest number." This policy, while admirable in the case of a dental service adequately staffed to offer complete treatment to every child requiring it, has very little to commend it in a dental service which is understaffed. This results in a large number of children receiving but a minimum of the treatment which they really require. The greater the number of children allotted to a dental officer, the less treatment each will obtain, as most dental officers endeavour to complete their circuit of schools each year.

Acting on the advice of the dental officers of the Department of Health for Scotland, this policy of "the greatest good for the greatest number" was dropped, and there was substituted "The greatest dental benefit for each individual child." It therefore followed that a smaller number of children received treatment than in former years, but the treatment they obtained was complete, and not of a partial nature.

Concomitant with this new policy was the question of augmenting the staff. This became a problem in view of the shortage of dentists due to the "calling up" of those newly qualified, and the impending National Health Service Act. However, two additional dentists were appointed, and they took up duty in February, 1947.

Acceptance rate for treatment varies in each part of the county, the average for the whole county being 75 per cent. The number of children who receive regular private treatment outside the scheme would appear to be small.

General Anaesthesia.

The appointment of Dr. Fergus McIntyre as part-time anaesthetist during the year ensured that those child patients who required dental extractions, and who through fear or by virtue of the large number of teeth to be removed, could partake of all the benefits of modern general anaesthesia.

The attitude of the man of tomorrow towards dental treatment will be determined by our methods of treating the children of today. It is to be regretted that many teeth have of necessity to be extracted. Our aim, where possible, is to render the children dentally efficient, and not dentally deficient.

The number of permanent teeth conserved by means of fillings has increased, and this also holds good for the number of temporary teeth filled. Gold inlays have in a few cases been inserted in the front teeth of the older children, where this was deemed clinically necessary. A small number of partial dentures have also been supplied, again to the older children, as a substitute for front teeth lost as the result of an accident or from decay.

Orthodontics.

A considerable amount of Orthodontic treatment was undertaken during the year. Efforts have been, and are being made, to keep the volume of this branch of dentistry within limits, as it can encroach considerably on the other aspects of our work by reason of the time involved in each case. Orthodontics, however, is not of clinical importance to the dental surgeon alone, as irregularly placed or crowded teeth; teeth which do not meet when the jaws are closed; mouth breathing; and thumb sucking, etc., are also factors which enter into or contribute in some way to the disabilities of children which the nose and throat specialist or the speech therapists are endeavouring in their own sphere to rectify. The requests of our specialist colleagues in these cases to co-operate with them cannot be set aside lightly. This co-operation, apart from the value to the patient, also gives breadth of outlook to all concerned.

Following the Post-Graduate Course on Orthodontics which I was permitted to attend at Bristol University under Professor McKeag, I imparted to my colleagues on the dental staff the information I had obtained there on the subject. Our future policy in Orthodontics is aimed at the prevention of overcrowding of the teeth by a closer examination of the younger children at the routine inspection, and by greater attention to the conservation of the temporary teeth until their normal shedding time.

Clinics.

Hillfoot Clinic, Bearsden, which was opened during the year, contains a dental surgery equipped to meet the demands of modern dentistry.

There are at present within the county five fully equipped surgeries where the dental officers concerned can operate in an environment comparable with that in the best private practices.

It is hoped within the coming year to bring some surgeries up to standard, and in the case of those surgeries located in the less densely populated areas, to equip them to deal with the type of treatment to be undertaken therein.

Propaganda.

Dental Health Education is an essential factor in school dentistry so that the benefits of treatment received may be lasting. The films on dental subjects especially made for children by the Dental Board of the United Kingdom are in my opinion of value.

Talks to groups of the Girls' Training Corps and Parent-Teacher Associations on dentistry have aroused much interest, and have been good propaganda.

TABLE II.—SYSTEMATIC EXAMINATIONS.
Return of Number and Percentage of Individuals in each Age-Group suffering from Particular Defects.

Total Examined at all Ages—6,559.																					
Total Examined in each Age-Group—by sexes.																					
Number showing Defects.	Entrants.				Second Age-Group				Third Age-Group.				Fourth Age-Group.				All Ages.				
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
1. Nature of Defect:—	10	0.9	7	0.6	15	1.3	16	1.4	5	0.5	2	0.2	...	...	...	...	30	0.9	25	0.7	
2. Clothing Unsatisfactory ...	8	0.7	7	0.6	4	0.3	8	0.7	3	0.3	1	0.1	...	...	...	...	15	0.4	16	0.4	
3. Footgear Unsatisfactory ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
4. Unsoundness—	8	0.7	87	8.1	7	0.6	130	12.3	5	0.5	112	12.3	...	...	...	...	12	1.8	20	0.6	
(a) Head ...	7	0.6	13	1.2	7	0.6	8	0.7	19	1.9	1	0.1	...	...	...	...	33	1.0	33	1.0	
(b) Body ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
5. Skin—(a) Head.	4	0.3	1	0.1	...	...	2	0.2	2	0.2	...	...	...	...	...	...	6	0.2	3	0.1	
Ringworm ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(b) Body.	...	...	4	0.3	...	...	3	0.3	...	...	...	...	...	...	...	...	...	...	4	0.1	
Other Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
6. Impetigo ...	...	...	...	...	6	0.5	5	0.4	1	0.1	...	...	...	...	...	...	8	0.2	5	0.1	
7. Defective Nutrition—	23	2.0	12	1.1	12	1.0	13	1.1	32	3.1	20	2.2	4	3.2	3	2.7	21	4.8	9.5	...	
(a) Head ...	64	5.7	92	8.6	87	7.7	68	5.8	50	4.9	21	2.3	5	4.0	...	...	206	6.1	179	5.5	
(b) Body ...	25	2.2	42	3.8	83	7.4	90	8.0	88	8.7	99	10.9	10	8.1	6	5.4	206	6.1	257	8.0	
(c) Slightly Defective ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
8. Mouth and Teeth Unhealthy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
9. Naso—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(a) Nose.	10	0.9	13	1.1	13	1.1	7	0.6	3	0.3	8	0.8	...	...	...	...	2	1.8	26	0.7	
(b) Catarrh ...	30	2.7	40	3.7	15	1.3	15	1.3	11	1.0	...	...	...	...	...	...	56	1.6	55	1.7	
(c) Obstruction Requiring Observation ...	30	2.7	14	1.3	10	0.9	14	1.2	8	0.8	12	1.3	1	0.8	...	...	49	1.4	40	1.2	
(d) External Conditions.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(e) Throat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(f) Tonsils Requiring Observation ...	94	8.5	100	9.0	51	4.5	72	6.4	41	4.0	59	6.5	3	2.4	3	2.7	189	5.6	284	7.3	
(g) Tonsils Requiring Operation ...	104	9.4	132	12.4	68	6.0	77	6.8	27	2.6	29	3.2	2	1.6	...	...	201	6.0	238	7.4	
10. (a) Glands.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(b) Requiring Observation ...	9	0.8	8	0.7	9	0.8	9	0.8	10	0.9	12	1.3	1	0.8	...	...	29	0.8	29	0.9	
(c) Requiring Operation ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
11. Eye Conditions—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(a) External Conditions.	3	0.2	10	0.9	11	1.0	12	1.0	8	0.8	4	0.4	...	...	...	...	22	0.6	26	0.7	
(b) Internal Conditions.	2	0.1	2	0.1	4	0.1	2	0.2	2	0.2	2	0.2	...	...	...	...	1	0.1	3	0.1	
12. Ear Conditions—	33	3.0	42	3.8	33	2.9	48	4.2	27	2.6	21	2.3	2	1.6	3	2.7	95	2.8	114	3.5	
(a) External Conditions.	4	0.3	2	0.1	4	0.3	4	0.4	...	...	...	...	...	...	...	...	8	0.2	9	0.3	
(b) Internal Conditions.	2	0.1	4	0.3	35	3.1	39	3.4	14	1.3	32	3.6	2	1.6	4	3.6	57	1.5	80	2.4	
(c) Ear Vision, 1-12 or worse	9	0.8	5	0.4	35	3.1	39	3.4	19	1.9	36	3.9	4	3.2	4	3.6	67	2.0	84	2.5	
13. Ear Conditions—	22	1.9	4	0.3	6	0.5	12	1.0	7	0.7	6	0.6	...	...	...	...	36	1.0	22	0.7	
(a) Diseases.	6	0.5	7	0.6	3	0.2	5	0.4	3	0.3	10	1.1	...	...	...	...	12	0.3	23	0.7	
(b) Other Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
14. Gnorhoea ...	3	0.2	7	0.6	5	0.4	3	0.3	6	0.6	8	0.8	1	0.8	...	...	15	0.4	18	0.5	
(a) Defective Hearing.	1	0.1	6	0.5	2	0.1	4	0.4	5	0.5	1	0.1	...	...	...	...	8	0.2	11	0.3	
(b) Grade I.	2	0.1	1	0.1	5	0.4	4	0.4	...	...	...	...	...	...	...	...	6	0.2	5	0.1	
(c) Grade II.	2	0.1	1	0.1	3	0.2	2	0.2	...	...	...	...	...	...	...	...	5	0.2	5	0.1	
(d) Grade III.	1	0.0	3	0.2	6	0.5	8	0.7	3	0.3	1	0.1	...	...	...	...	20	0.6	12	0.3	
(e) Stammering ...	4	0.3	2	0.1	1	0.1	1	0.1	1	0.1	1	0.1	...	...	...	...	7	0.2	4	0.1	
15. Mental and Nervous Conditions—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(a) Backward ...	1	0.1	2	0.1	26	2.3	16	1.4	10	1.0	1	0.1	...	...	...	...	37	1.1	19	0.6	
(b) Dull (Intrinsically) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(c) Mentally Defective (Educable) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(d) Highly Nervous or Unstable ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(e) Difficult in Behaviour ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
16. Heart Conditions—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(a) Congenital ...	3	0.2	5	0.4	13	1.1	8	0.7	6	0.6	8	0.8	...	...	...	...	42	1.2	23	0.7	
(b) Acquired ...	23	2.0	12	1.1	12	1.0	13	1.1	32	3.1	20	2.2	4	3.2	3	2.7	95	2.8	114	3.5	
(c) Functional ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
17. Lung Conditions—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(a) Chronic Bronchitis ...	53	4.7	44	4.0	25	2.2	21	1.8	13	1.3	3	0.3	3	2.4	...	...	94	2.8	68	2.1	
(b) Suspected Tuberculosis ...	14	1.2	14	1.3	8	0.7	4	0.4	10	1.0	5	0.5	...	...	...	...	33	0.9	11	0.4	
(c) Other Diseases ...	4	0.3	2	0.1	9	0.8	13	1.1	10	1.0	1	0.1	...	...	...	...	15	0.4	3	0.1	
18. Deformities—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(a) Congenital ...	3	0.2	3	0.2	4	0.3	3	0.3	5	0.5	2	0.2	...	...	...	...	18	0.5	2	0.1	
(b) Acquired (Infantile Paralysis) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(c) Acquired (Probably Rickets) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(d) Acquired (Other Causes) ...	27	2.4	19	1.7	26	2.3	24	2.0	20	2.0	23	2.5	4	3.2	3	2.7	77	2.3	69	2.2	
19. Infectious Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(a) Other Diseases and Defects	45	4.0	49	4.4	32	2.8	53	4.7	48	4.8	43	4.7	3	2.4	3	2.7	128	3.8	146	4.6	

		104	9-4	132	12-4	68	6-0	77	6-8	27	2-6	29	3-2	2	1-6	..1	201	6-0	238	7-4
(2) Tonsils Requiring Operation		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) Glands		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(1) Requiring Observation		9	0-8	8	0-7	9	0-8	9	0-8	10	0-9	12	1-3	1	0-8	...	29	0-8	29	0-9
(2) Requiring Operation		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Eye Conditions—		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(a) External Conditions.		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blepharitis		3	0-2	10	0-9	11	1-0	12	1-0	8	0-8	4	0-4	...	...	...	22	0-6	26	0-7
Conjunctivitis		2	0-1	2	0-1	4	0-3	2	0-2	2	0-2	2	0-2	1	0-8	...	9	0-2	6	0-2
Corneal Opacities		...	...	1	0-1	1	0-1	...	...	...	...	1	0-1	...	...	...	1	0-1	2	0-1
Strabismus		33	3-0	42	3-8	33	2-9	48	4-2	27	2-6	21	2-3	2	1-6	3	2-7	2-8	114	3-5
Other Diseases		4	0-3	2	0-1	4	0-3	4	0-4	...	...	3	0-3	...	...	...	8	0-2	9	0-3
(b) Visual Acuity.		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(1) Fair Vision, $\frac{5}{10}$ or worse		2	0-1	4	0-3	35	3-1	39	3-4	14	1-3	33	3-6	2	1-6	4	3-6	1-5	80	2-4
(2) Bad Vision, $\frac{1}{10}$ or worse		9	0-8	5	0-4	35	3-1	39	3-4	19	1-9	36	3-9	4	3-2	4	3-6	2-0	84	2-5
9. Ear Conditions—		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(a) Diseases.		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Otorrhoea		22	1-9	4	0-3	6	0-5	12	1-0	7	0-7	6	0-6	1	0-8	...	36	1-0	22	0-7
Other Diseases		6	0-5	7	0-6	3	0-2	5	0-4	3	0-3	10	1-1	...	...	...	12	0-3	22	0-7
(b) Defective Hearing.		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grade I		3	0-2	7	0-6	5	0-4	3	0-3	6	0-6	8	0-8	1	0-8	...	15	0-4	18	0-5
Grade IIa		1	0-1	6	0-5	2	0-1	4	0-4	5	0-5	1	0-1	...	...	...	8	0-2	11	0-3
Grade IIb		1	0-1	...	...	5	0-4	4	0-4	...	1	...	0-1	...	...	...	6	0-2	5	0-1
Grade III		2	0-1	1	0-1	3	0-2	2	0-2	...	...	...	...	...	...	...	5	0-1	3	0-1
10. Defective Speech—		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Defective Articulation		11	1-0	3	0-2	6	0-5	8	0-7	3	0-3	1	0-1	...	...	...	20	0-6	12	0-3
Stammering		4	0-3	2	0-1	1	0-1	1	0-1	1	0-1	1	0-1	1	0-8	...	7	0-2	4	0-1
11. Mental and Nervous Conditions—		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(a) Backward		1	0-1	2	0-1	26	2-3	16	1-4	10	1-0	1	0-1	...	...	...	37	1-1	19	0-6
(b) Dull (Intrinsically)		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) Mentally Defective (Educable)		...	...	1	0-1	...	...	1	0-1	...	...	...	...	...	...	...	...	...	1	0-1
(d) Mentally Defective (Ineducable)		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	0-1
(e) Highly Nervous or Unstable		...	...	1	0-1	1	0-1	...	...	...	...	...	...	...	...	...	1	0-1	...	0-1
(f) Difficult in Behaviour		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. Heart Conditions—		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(a) Organic Heart Disease.		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(1) Congenital		...	...	3	0-2	...	...	3	0-3	...	...	...	...	...	...	...	...	...	6	0-2
(2) Acquired		23	2-0	5	0-4	13	1-1	8	0-7	6	0-6	8	0-8	...	...	2	1-8	1-2	23	0-7
(b) Functional Conditions		1	0-1	...	...	3	0-2	2	0-2	2	0-2	2	0-2	...	...	...	6	0-2	4	0-1
13. Lung Conditions—		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(a) Catarrh		53	4-7	44	4-4	25	2-2	21	1-8	13	1-3	3	0-3	3	2-4	...	94	2-8	68	2-1
(b) Chronic Bronchitis		14	1-2	5	0-4	8	0-7	4	0-4	10	1-0	5	0-5	1	0-8	...	33	0-9	14	0-4
(c) Suspected Tuberculosis		1	0-1	...	...	2	0-1	2	0-2	1	0-1	1	0-1	...	0-8	...	15	0-1	3	0-1
(d) Other Diseases		4	0-3	2	0-1	9	0-8	13	1-1	10	1-0	...	...	...	...	...	23	0-6	15	0-4
14. Deformities—		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(a) Congenital		3	0-2	3	0-2	4	0-3	3	0-3	5	0-5	3	0-3	1	0-8	...	13	0-3	9	0-3
(b) Acquired (Infantile Paralysis)		1	0-1	...	...	2	0-1	...	...	4	0-4	2	0-2	1	0-8	...	8	0-2	2	0-1
(c) Acquired (Probably Rickets)		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(d) Acquired (Other Causes)		27	2-4	19	1-7	26	2-3	24	2-0	20	2-0	23	2-5	4	3-2	3	2-7	2-3	69	2-2
15. Infectious Diseases		1	0-1	4	0-3	...	...	...	...	...	...	...	...	...	...	...	21	0-1	4	0-1
16. Other Diseases and Defects		45	4-0	49	4-6	32	2-8	53	4-7	48	4-8	43	4-7	3	2-4	3	2-7	3-8	148	4-6

National Health Act.

Under the National Health Service (Scotland) Act, 1947, children will be able to receive free treatment from any private dental practitioner who is in the scheme. Should there be a drift away from the Local Authorities Clinics towards the private practitioners for treatment, it may be that school dentistry will develop entirely along preventative lines, which, after all, is the goal of public health.

(8) SPECIAL SCHOOLS AND CLASSES.

Particulars regarding the facilities in use for exceptional children will be found on page 32 of this report.

Cardross Park Home was in use during the session, and a number of school children convalescent or otherwise, needing special care, were sent there for varying periods. Staffing difficulties continue to prevent the Home being used to its full capacity. There is a teacher available for those children who are able to do lessons, and a member of the orthopaedic staff visits the Home to give treatment to children in need of it.

(9) ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE.

This subject is referred to on page 33.

(10) OTHER ACTIVITIES IN RELATION TO THE HEALTH OF SCHOOL CHILDREN.

On page 33 and succeeding pages particulars are recorded about the Feeding of School Children under the Local Authority Schemes, Employment of School Children, and the admission of children to approved schools, in so far as these affect the work of the school medical officers.

For some years the school medical officers have been investigating the results of removal of tonsils and/or adenoids as shown a year after the operation, and the cumulative findings of these enquiries are embodied in the table printed on page 37.

For the ninth year in succession the enquiry has been extended to children who had been operated on at varying periods up to ten years before, and the data is shown on page 36.

The work of the orthopaedic clinic will be found detailed on page 35, and the work of the speech therapists is shown on page 54-55.

SPEECH THERAPY STAFF.

Principal.
Assistants.

Maud T. Kenny, M.A., L.C.S.T.
R. Elizabeth Stark, L.C.S.T.
Elma Crawford, L.C.S.T.
Betsy C. McCrist, L.C.S.T.

Area.	Days per Week.	Centres.	Schools Attending.
Old Kilpatrick	5½	Clydebank H.S. Clinic.	Radnor Park. High School.
		St. Stephen's S. Clinic.	St. Stephen's. Dalmuir J.S. Gavinburn.
		Whitecrook Clinic.	Whitecrook. Elgin Street. Our Holy Redeemer's. Miller Street. Pre-School Children.
		Milton Public School.	Milton Public. Special.
		Duntocher St. Mary's Clinic.	Public. St. Mary's.
New Kilpatrick	1	Milngavie J.S. School Clinic.	Milngavie J.S. St. Joseph's. Killermont. Pre-school.
Dumbarton	3	Hartfield Clinic.	Knoxland. St. Patrick's Elem. Hartfield. Academy. Pre-school.
		West Bridgend Speech Therapy Clinic.	Notre Dame. West Bridgend. St. Patrick's High.
		College Street School.	Special School (P.D. Classes).
Helensburgh	1	Clyde Street School Clinic.	Clyde Street. Hermitage. St. Joseph's. Rhu. Cardross. Pre-school.
		Cardross Park Home.	(As time allows).

TABLE III.—SYSTEMATIC MEDICAL EXAMINATIONS.

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	1383	63.7	1357	60.6	1303	69.3	158	67.6	4201	64.1
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.	40	1.8	115	5.1	97	5.1	16	6.8	268	4.0
(b) Conditions of the Mouth and Teeth requiring treatment	76	3.5	121	5.4	149	7.8	14	6.0	360	5.5
(c) Both (a) and (b) ...	...	...	10	0.4	9	0.4	1	0.4	20	0.3
Total ...	116	5.3	246	10.9	255	13.3	31	13.2	648	9.8
III.—Children suffering from Ailments (other than those mentioned in II.) from which complete recovery is expected within a few weeks ...	565	26.0	504	22.6	224	11.7	31	13.2	1324	20.2
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 or restoration of function (in the case of eye defects full correction) is considered possible ...	90	4.1	97	4.3	79	4.2	7	3.0	273	4.2
(b) Where improvement only is considered possible, e.g., without complete restoration of function ...	20	0.9	37	1.6	49	2.5	7	3.0	113	1.7
Total ...	110	5.0	134	5.9	128	6.7	14	6.0	386	5.9
Total Number of Children Examined ...	2174	...	2241	...	1910	...	234	...	6559	...



Area.	Days per Week	Centres.	Schools Attending
Vale of Leven.	2½	Bank Street Clinic.	Levenvale. Bonhill. Jamestown. Academy. Main Street. St. Mary's. Pre-school.
		Renton Clinic.	Public. St. Martin's. Pre-school.
Kirkintilloch and Cumbernauld	2	Cumbernauld School Clinic.	Cumbernauld J.S. Southern District.
		Twechar J.S. School.	Twechar J.S. Croy.
		Kirkintilloch Clinic.	Lenzie Academy. Townhead. St. Ninian's. Pre-school.

SPEECH THERAPY STATISTICS.

Centre	No. on Roll June, 1947.	Left School	Discharged as Cured	Discharged for Non-co-operation	Admitted	Transferred		No. on Roll July, 1948.
						To Other Centre	From Other Centre	
Clydebank High School	47	1	11	1	8	37	21	26
St. Stephen's ...	...	4	3	1	21	...	24	37
Whitecrook ...	26	2	...	1	22	13	9	41
Milton Primary ...	...	...	...	...	13	...	...	13
St. Mary's ...	...	...	...	...	12	1	...	11
Milgavie J.S. School ...	...	1	3	1	30	...	...	25
Hartfield Clinic ...	67	3	6	4	26	33	2	49
W. Bridgend ...	...	8	6	1	6	...	36	27
Collegiate Street ...	...	...	3	...	7	...	...	4
Clyde Street School ...	28	4	6	...	23	2	...	39
Bank Street ...	45	3	8	3	12	5	4	42
Renton ...	42	1	10	3	8	5	...	31
Cumbernauld ...	...	...	...	...	16	4	3	19
Kirkintilloch Clinic ...	31	2	6	1	12	...	1	31
Twechar J.S. School ...	...	...	...	...	18	...	...	18
	286	29	62	16	234	100	100	413

PROCEDURE.

1.—Cases are treated individually or in groups of 2, 3 or 4, according to the degree of severity or type of defect.

2.—A treatment session may last from 20 minutes to one hour, and about 25 cases are treated at each centre per day.

3.—Parents are seen as frequently as possible, and are nearly all 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 readjustment. The value of this help to the Speech Therapy Service cannot be over-estimated.

5.—Visits are paid to schools, and much valuable assistance is given by head teachers and assistant staff.

6.—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 Treatments. Much valuable help is given by the nursing staff in respect of assessing the home conditions, and contacting parents who do not attend regularly, or become careless in carrying out the advice given at the clinic.

7.—All therapists employed by the county are fully qualified in this particular branch of Child Guidance work, and the ready advice and treatment given at their request by the other county specialists constitutes a team service for every speech-disordered child.

8.—Especially valuable is the guidance given by the Director of Education, Dr. Anne H. McAllister (Hon. Consultant) and Miss Buchanan (Principal Psychologist).

9.—During the session a number of pre-school cases were admitted. There is an urgent demand for treatment for such children, and much of the work necessary during school years could be avoided if such cases could be treated before going to school.

10.—The continual request for treatment for adult speech-handicapped persons (Aphasics, Stutterers, Cleft Palate, Post E.N.T. operation cases and Voice defectives) indicates a very real need for consideration of the matter by the appropriate authorities.

11.—The growing recognition of inadequate aural perception and discrimination as factors in general and specific retardation of the child underlines the need for the installation of an audiometer in the county—at a Speech Therapy centre, or at least easily available to the Speech Therapy Staff.

12.—In the past two years the Glasgow School of the College of Speech Therapists has sent students for observation and clinical training to the centres in this county. During this session the Edinburgh School also sent students for this purpose.

13.—At some future date the establishment of a residential speech clinic should be considered. The county has a number of cases of severe speech retardation and handicap due to paralysis, brain injury and dysfunction, and certain forms of hearing defect which require residential treatment at a centre specially designed for their care.

(5) FINDINGS OF MEDICAL INSPECTION.

B.—Statistical Tables.

TABLE I.

Total number of children examined at :—

					(a) Systematic Examinations.	Other Systematic Examinations.	
Ordinary Schools	{	Entrants ...	...	...	2,174	—	
		Second Age-Group	...	...	2,241	—	
		Third Age-Group	...	...	1,910	—	
		Fourth Age-Group	...	...	—	—	
Secondary Schools		Age-Group	...	...	234	—	
		1940 Age-Group	—	...	—	1970	
Total					...	<u>6,559</u>	<u>1970</u>

				(b) Other Examinations.
Special Cases				2,545
Re-inspections by Medical Officers				12,367
Total				14,912

Number of individual children inspected at systematic examinations who were notified to parents as requiring treatment (excluding uncleanness and dental caries).

Entrants	...	...	...	715
Second Age-Group	...	...	...	763
Third Age-Group	...	...	...	458
Fourth Age-Group	...	...	...	—
Secondary Age-Group	...	...	...	62
Other Systematic Examinations				238
Total				2,236

Table II.—See page 51a

Table III.—See page 52a

Table IV.—Return of All Exceptional Children of School Age in the Area.

It has not been found possible to give the details required by this table with sufficient accuracy, and the table is therefore omitted.

TABLE V.—DENTAL INSPECTION AND TREATMENT.

Number of Children who were:—

(1) Inspected by the Dental Officers :—

Age.	(a) Systematic Examination.	(b) Special and Emergency Cases.	Total.
5	925	133	1058
6	458	137	595
7	1049	145	1194
8	592	181	773
9	690	148	838
10	349	110	459
11	315	128	443
12	566	132	698
13	45	129	174
14	80	137	217
15	21	36	57
15+	15	22	37
Totals ...	5105	1438	6543

	Systematic Examination.	Special and Emergency Cases.	Total.
(2) Found to require Treatment ...	3897	1420	5317
(3) Number accepting Treatment ...	2938	1420	4358
(4) Actually treated by the School Dental Officers ...	2824	1420	4244
(5) Number of Attendances made by children for treatment ...	12846	3021	15867
(6) Fillings (a) Permanent Teeth ...	5915	606	6521
(b) Temporary Teeth ...	1311	53	1364
(7) Extractions (a) Permanent Teeth ...	662	340	1002
(b) Temporary Teeth ...	4424	943	5367
(8) Number of Administrations of a general anaesthetic for extractions	542	110	652
(9) Other operations :—			
(a) Permanent Teeth ...	2668	637	3305
(b) Temporary Teeth ...	606	196	802
(10) Half-days devoted to—			
(a) Inspection ...	217	107	324
(b) Treatment ...	2054½	424½	2479
(11) Number of Children treated under private arrangement—No reliable information available.			

ORTHODONTIC SERVICE.

Number of attendances for Orthodontic Treatment ...	1413	318	1731
Number of Appliances supplied ...	156	25	181
Completed Orthodontic Cases ...	87	8	95

MATERNITY AND CHILD WELFARE SCHEME.

DENTAL DIVISION.

ANNUAL RETURNS—1947-48.

Number of mothers for whom treatment has been completed	...	18
Number of attendances made	... ..	180
Number of dentures supplied	... ..	30
Number of extractions	... ..	281
Number of fillings	... ..	10
Number of scalings	... ..	4
Number of General Anaesthetics :—		
(a) With the administration of Pentothal followed by Nitrous Oxide.	... ..	18
(b) Administration of Nitrous Oxide.	... ..	17

PRE-SCHOOL CHILDREN.

Number of children treated	... ..	85
Number of children inspected	... ..	90
Number of fillings	... ..	47
Number of extractions	... ..	297
Number of General Anaesthetics	... ..	59
Number of sessions per year given over entirely to Maternity and Child Welfare Work		7

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