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COUNTY COUNCIL OF DUNBARTON.

Twenty-Second Annual Report

on the

MEDICAL INSPECTION OF SCHOOL CHILDREN.

1932-1933.

(Year ending 31st July, 1933).

KIRKINTILLOCH
PRINTED BY D. MACLEOD, LTD.

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PREFACE.

To the County Council
of the County of Dunbarton.

LADIES AND GENTLEMEN,

I submit the Twenty-second Annual Report on the Medical Inspection and treatment of School Children in the County area. This report has been, as usual, compiled by the Medical Officers and is in accordance with the requirements of the Department of Health for Scotland.

The figures as revealed for the last school year are so very little different from those of the previous year that it is not necessary to call special attention to any of them. I would, however, direct attention to the continued enquiry which is being made by the Medical Officers into the results of the treatment by operation of enlarged Tonsils and Adenoids. It will be noted that, taken as a whole, the results are satisfactory although it is perhaps disappointing that quite a number of children have apparently not benefited to the extent which we had expected. One matter which is referred to might possibly receive further consideration, and that is the training of children who, owing to enlarged Adenoids and Tonsils, have developed mouth breathing. Classes might be formed in order to train such children to resume breathing naturally through their noses. The adoption of this might improve the results obtained.

Reference is made in the report to the opening of Kirkintilloch Clinic, and a photograph and plan have been included to enable those members who have not seen the premises to realise the advantages which the children of that area now possess.

Finally I would like to mention that the arrangements made with the Town Council of Dumbarton that a portion of the time of their Medical Officer of Health should be devoted to School Medical Inspection and Treatment, continues to work in a satisfactory manner.

I am,

Your obedient Servant,

THOMAS LAUDER THOMSON, M.D., D.P.H.

88 COLLEGE STREET,
DUMBARTON.



County Council of Dunbarton.

SCHOOL MEDICAL STAFF

Supervising School Medical Officer.

T. LAUDER THOMSON, M.D., D.P.H.

School Medical Officers.

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

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

CHARLES C. SLORACH, M.B., D.P.H.

Dental Surgeons.

ALFRED C. S. MARTIN, L.D.S.

ELIZABETH M'KENDRICK, L.D.S.

VERA PUGH, L.D.S.

M. WYDNER, L.D.S. (part-time).

Ophthalmic Surgeon.

JAMES N. TENNENT, M.B., D.O.M.S., B.Sc.
(part-time).

Ear, Nose, and Throat Specialist.

JAMES KERR LOVE, M.D. (part-time).

Dermatologist.

J. GOODWIN TOMKINSON, M.D. (part-time).

Instructress at Orthopaedic Clinics.

JEAN MASTERTON, (part-time)

Inspection and Clinic Nurses.

C. M. JEFFREY.

S. DOUGHERTY.

M. GILMOUR.

E. LYLE.

E. YULE.

E. STEVENSON.

J. SCOTT.

Nurses for Special Schools.

J. L. THOMSON.

J. MACDONALD.

Dental Attendants.

ANNIE RAE.

MARION A. W. JAMIESON.

HENRY M'MANUS.

Attendant at Orthopaedic Clinics.

EVELYN V. BOYD.

Clerks

GEORGE S. BROWNE. AGNES M'M. KENNEDY.

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,	.	.	.	.	.	.	6
Kirkintilloch,	.	.	.	.	.	.	6
New Kilpatrick,	.	.	.	.	.	.	5
Old Kilpatrick,	.	.	.	.	.	.	12
Dumbarton, .	.	.	.	.	.	.	9
Vale of Leven,	.	.	.	.	.	.	11
Helensburgh, .	.	.	.	.	.	.	13
Total, .	.	.	.	.	.	.	62

(b) Number of Children on Register and in Average Attendance during Session 1932-33.

School Management Area.	Average on Roll.	Average Attending.	Per Cent.
Cumbernauld,	947·3	846·0	89·2
Kirkintilloch,	3,526·7	3,217·1	91·2
New Kilpatrick, ..	1,432·4	1,311·1	91·5
Old Kilpatrick, ..	10,574·2	9,527·6	90·1
Dumbarton,	5,090·5	4,628·7	90·9
Vale of Leven,	3,760·4	3,362·9	89·4
Helensburgh,	1,664·8	1,520·1	91·3
Total, ..	26,996·3	24,413·5	90·4

3.—Number of Visits for Systematic Examination.

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

Number of visits as above, 525

4.—Number of Special Visits by Medical Officers.

For re-examination of defective children, . . .	14
For examination of backward or mentally or physically defective children,	70
For examinations for employment licences, . . .	6
Attendances at Clinics,	381
Attendances for office work, etc.,	70
For inquiry regarding infectious diseases, . . .	6

5.—Sanitary Condition of Schools.

The question of remodelling lavatories has again received special consideration, and such improvements have been carried out at the undernoted schools :—

Rosneath Public.	Knoxland Public.
Our Holy Redeemer's R.C.	Gartconner Public.

This work entailed the gutting out of defective woodwork and the replacement of the old and obsolete fittings by modern wash-down Closets, and these improvements are proving very satisfactory.

As in former years, the obsolete Kennedy Wells in quite a number of schools have been replaced by modern hygienic Drinking Fountains, and there are now very few school buildings which have still this old type of fitting.

New Sinks and Basins have been installed in the Cloak-rooms of several schools throughout the year to replace obsolete or badly worn fittings.

The Water Supply to Lairdsland School was augmented, and the Hot Water in Whitecrook Clinic was extended to the bathroom.

The Ventilation in several of the older buildings has been improved by forming opening parts, and hopper sashes have been fitted on the windows at several buildings. The lavatories, heating chambers, stores and outhouses have been

limewashed as usual, and a considerable amount of painter work and washing down of walls has again been done.

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

The scheme for administration is fully described in the 1928-29 Report, pages 44-54, and 1930-31 Report, pages 7 and 8.

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,	310	88	28·4	20
Kirkintilloch,	1113	456	41·0	210
New Kilpatrick,	454	209	46·0	13
Old Kilpatrick,	3291	1811	55·0	891
Dumbarton,	1496	552	36·9	347
Vale of Leven,	1245	703	56·4	517
Helensburgh,	541	230	42·5	208
Total,	8450	4049	47·9	2206

7.—D. Clothing.

School Management Area.	No. of Routine cases examined.	SUFFICIENCY.						REPAIR.						CLEANLINESS.					
		Good.		Medium.		Bad.		Non-Routine.		Good.		Medium.		Bad.		Non-Routine.		Good.	
		No.	%	No.	%	No.	%	Bad.	%	No.	%	No.	%	No.	%	Bad.	%	No.	%
		No.	%	No.	%	No.	%	Bad.	%	No.	%	No.	%	No.	%	Bad.	%	No.	%
Cumbernauld,	Boys,	150	100.0	..	..	..	..	..	..	146	97.2	4	2.8	..	..	..	..	144	96.0
	Girls,	160	100.0	..	..	..	..	..	..	160	..	..	..	..	..	..	..	158	98.7
	Total,	310	100.0	..	..	..	..	2	..	306	98.7	4	1.3	..	..	..	..	302	97.4
Kirkintilloch,	Boys,	585	99.8	1	0.2	..	..	..	..	572	97.7	12	2.1	1	0.2	..	..	575	98.3
	Girls,	528	100.0	..	..	..	..	..	..	527	99.8	1	0.2	..	..	..	..	526	99.6
	Total,	1113	99.9	1	0.1	..	..	..	..	1099	98.8	13	1.2	1	..	..	..	1101	98.9
New Kilpatrick,	Boys,	246	100.0	..	..	..	..	..	..	246	100.0	..	..	..	..	..	..	246	100.0
	Girls,	208	100.0	..	..	..	..	..	..	208	100.0	..	..	..	..	..	..	208	100.0
	Total,	454	100.0	..	..	..	..	..	..	454	100.0	..	..	..	..	..	..	454	100.0
Old Kilpatrick,	Boys,	1631	99.6	4	0.2	3	0.2	..	..	1545	94.7	82	5.0	4	0.3	..	..	1549	94.9
	Girls,	1660	99.9	2	0.1	..	..	..	..	1540	92.8	117	7.0	3	0.2	..	..	1556	93.7
	Total,	3291	99.7	6	0.2	3	0.1	..	..	3085	93.7	199	6.1	7	0.2	2	..	3105	94.3
Dumbarton,	Boys,	769	100.0	..	..	..	..	..	..	717	93.2	42	5.5	10	1.3	..	..	731	95.0
	Girls,	727	100.0	..	..	..	..	..	..	701	96.5	25	3.4	1	0.1	..	..	698	96.0
	Total,	1496	100.0	..	..	..	..	..	..	1418	94.8	67	4.5	11	0.7	..	..	1429	95.5
Vale of Leven,	Boys,	637	99.8	..	..	1	0.2	..	..	545	85.5	91	14.3	1	0.2	..	..	571	89.6
	Girls,	608	99.8	1	0.2	..	..	..	..	478	78.6	129	21.2	1	0.2	..	..	519	85.3
	Total,	1245	99.8	1	0.1	1	0.1	..	..	1023	82.1	220	17.7	2	0.2	1	..	1090	87.5
Helensburgh,	Boys,	272	100.0	..	..	..	..	..	..	248	91.2	24	8.8	..	..	..	..	251	92.3
	Girls,	269	100.0	..	..	..	..	..	..	231	85.9	36	13.4	2	0.7	..	..	236	88.0
	Total,	541	100.0	..	..	..	..	..	..	479	88.5	60	11.1	2	0.4	..	..	487	90.0
Total,	Boys,	4200	99.8	5	0.1	4	0.1	..	..	4019	93.7	255	5.9	16	0.4	..	..	4067	94.8
	Girls,	4160	99.9	3	0.1	..	..	..	..	3845	92.4	308	7.4	7	0.2	..	..	3901	93.8
	Total,	8360	99.8	8	0.1	4	0.1	2	..	7864	93.0	563	6.7	23	0.3	3	..	7968	94.3

7.—B. Number of Children notified to Parents as suffering from Defects.

SCHOOL MANAGEMENT AREA.		CUMBERNAULD.			KIRKINTILLOCH.			NEW KILPATRICK.			OLD KILPATRICK.			DUMBARTON.			VALE OF LEVEN.			HELENSBURGH.			TOTAL.		
Number of Routine Cases examined,		310			1113			454			3291			1496			1245			541			8450		
CARD.	DEFECT.	Routine.			Routine.			Routine.			Routine.			Routine.			Routine.			Routine.			Routine.		
		No.	%	Non-Routine.	No.	%	Non-Routine.	No.	%	Non-Routine.	No.	%	Non-Routine.	No.	%	Non-Routine.	No.	%	Non-Routine.	No.	%	Non-Routine.	No.	%	Non-Routine.
A.	Vermis on Nits on Head, ...	4	1.2	1	7	0.6	..	1	0.2	..	173	5.2	2	183	12.2	1	153	12.2	1	33	6.1	..	554	6.5	5
G.	Vermis on Clothing,	..	..	..	..	..	..	..	..	..	4	0.1	1	6	0.3	1	5	0.4	..	..	..	..	14	0.1	7
J.	Unsatisfactory Footgear, ...	..	..	..	2	0.1	..	..	..	..	1	0.1	..	1	0.1	..	1	0.1	..	..	..	..	5	0.1	..
K.	Unsatisfactory Clothing, ...	..	..	..	..	..	..	..	..	..	10	0.3	..	7	0.4	..	4	0.3	..	3	0.5	..	24	0.2	..
D.	Tonsils and Adenoids,	4	1.2	3	10	0.8	1	3	0.6	5	131	3.9	90	54	3.6	..	113	9.0	88	30	5.0	25	345	4.0	212
E.	Ear Disease,	..	..	..	..	..	..	..	..	2	9	0.2	6	..	..	..	5	0.4	..	..	..	..	14	0.1	8
H.	Defective Vision and Eye Disease,	4	1.2	5	22	1.9	15	..	0.2	10	141	4.2	87	92	6.1	..	75	6.0	66	39	7.2	39	374	4.4	222
U.M.T.	Already under Treatment, ...	5	1.6	6	6	0.5	10	..	..	2	63	1.9	21	6	0.4	..	11	0.9	..	6	1.1	..	97	2.1	39
	For Orthopaedic or Ultra-Violet Light Treatment	..	..	..	12	1.0	3	..	..	..	31	0.9	1	7	0.4	1	4	0.3	3	1	0.1	1	55	0.6	9
P.A.	Parents Advised,	17	5.4	20	111	9.9	210	19	4.2	13	907	27.5	891	544	36.3	347	699	56.1	517	232	42.8	208	2529	29.9	2206
	Total,	34	..	35	170	..	244	24	..	32	1470	..	1099	899	..	350	1070	..	675	344	..	273	4011	..	2708

7.—E. Footgear.

SCHOOL MANAGEMENT AREA.	Number Examined.	ROUTINE CASES.										NON-ROUTINE.	
		Good.		Medium.		Bad.		None.		Bad.	None.	Bad.	None.
		No.	%	No.	%	No.	%	No.	%				
Cumbernauld,	Boys,	150	98.7	2	1.3	..	..	..	..	..	..	..	..
	Girls,	160	100.0	..	..	..	..	..	..	..	..	..	..
	Total,	310	99.4	2	0.6	..	..	..	..	..	..	..	..
Kirkintilloch,	Boys,	585	99.5	3	0.5	..	..	..	..	..	..	..	..
	Girls,	528	99.8	1	0.1	1	0.1	..	..	..	..	..	..
	Total,	1113	99.6	4	0.3	1	0.1	..	..	..	..	..	..
New Kilpatrick,	Boys,	246	100.0	..	..	..	..	..	..	..	..	..	..
	Girls,	208	100.0	..	..	..	..	..	..	..	..	..	..
	Total,	454	100.0	..	..	..	..	..	..	..	..	..	..
Old Kilpatrick,	Boys,	1631	97.3	31	2.4	6	0.2	3	0.1	..	..	..	..
	Girls,	1660	97.8	36	2.1	1	0.1	..	..	..	..	..	..
	Total,	3291	97.5	67	2.2	7	0.2	3	0.1	..	..	..	..
Dumbarton,	Boys,	769	93.3	52	6.7	..	..	..	..	..	..	..	..
	Girls,	727	96.4	27	3.6	..	..	..	..	..	..	..	..
	Total,	1496	94.8	79	5.2	..	..	..	..	..	..	..	..
Vale of Leven,	Boys,	637	94.8	29	4.5	3	0.4	2	0.3	..	..	..	..
	Girls,	608	95.1	28	4.6	2	0.3	..	..	..	..	..	..
	Total,	1245	95.0	57	4.5	5	0.4	2	0.1	..	..	..	..
Helensburgh,	Boys,	272	97.5	6	2.2	1	0.3	..	..	..	..	..	..
	Girls,	269	96.4	8	2.9	2	0.7	..	..	..	..	..	..
	Total,	541	97.0	14	2.5	3	0.5	..	..	..	..	..	..
Total,	Boys,	4290	96.9	123	2.8	10	0.2	5	0.1	..	..	..	..
	Girls,	4160	97.5	100	2.4	6	0.1	..	..	..	..	..	..
	Total,	8450	97.2	223	2.6	16	0.1	5	0.1	..	..	..	..

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

11a

RURAL MANAGEMENT AREA.	BOYS.																		GIRLS.																																
	Extremes.						Age 8.				Age 12.				Age 15.				Extremes.						Age 8.				Age 12.				Age 15.																		
	Height.		Weight.		Number Examined.		Height.		Weight.		Number Examined.		Height.		Weight.		Number Examined.		Height.		Weight.		Number Examined.		Height.		Weight.		Number Examined.		Height.		Weight.		Number Examined.		Height.		Weight.		Number Examined.										
	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.											
	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.	Number Examined.	Average Age.	Anthropometric Standard.	Anthropometric Standard.											
Cumbersfield.	52	9 1/2	41-8	41-0	40-4	39-9	44	8 1/2	45-2	47-0	36-8	36-9	54	12 1/2	50-2	44-9	78-5	70-7	..	..	..	..	..	..	58	5 1/2	42-1	40-8	39-8	39-6	53	8 1/2	47-8	45-6	52-5	52-1	49	12 1/2	50-3	50-7	86-0	78-4	..	..	..	..	..	..	51-7	..	112-4
Kirkcaldy.	184	5 1/2	41-2	..	40-9	..	147	8 1/2	45-4	..	35-9	..	227	12 1/2	55-6	..	77-4	..	27	10 1/2	64-4	..	118-5	..	165	5 1/2	41-5	..	39-8	..	131	8 1/2	48-7	..	54-4	..	188	12 1/2	58-4	..	79-0	..	24	14 1/2	63-4	..	111-4	..	..		
New Kilpatrick.	71	5 1/2	42-9	..	43-3	..	79	8 1/2	50-1	..	39-0	..	86	12 1/2	55-5	..	82-8	..	19	15 1/2	67-7	..	122-6	..	79	5 1/2	42-4	..	47-4	..	61	8 1/2	47-5	..	57-8	..	66	12 1/2	58-1	..	85-4	..	2	18 1/2	62-7	..	101-9	..	..		
Old Kilpatrick.	573	5 1/2	41-3	..	41-5	..	447	8 1/2	50-9	..	26-8	..	380	12 1/2	57-0	..	74-5	..	21	15 1/2	65-5	..	121-8	..	664	5 1/2	42-3	..	39-9	..	455	8 1/2	45-7	..	52-4	..	508	12 1/2	56-4	..	79-2	..	17	16 1/2	62-6	..	108-7	..	..		
Dunbarton.	191	5 1/2	41-7	..	39-7	..	194	8 1/2	47-5	..	23-2	..	328	12 1/2	54-8	..	72-1	..	60	15 1/2	63-9	..	111-5	..	209	5 1/2	41-5	..	38-8	..	186	8 1/2	45-1	..	52-2	..	293	12 1/2	52-3	..	73-7	..	28	16 1/2	62-0	..	109-5	..	..		
Valle of Leven.	249	5 1/2	43-1	..	42-9	..	173	8 1/2	48-5	..	52-8	..	314	12 1/2	55-7	..	74-7	..	16	15 1/2	65-3	..	122-0	..	222	5 1/2	42-5	..	39-8	..	180	8 1/2	45-6	..	52-3	..	196	12 1/2	55-9	..	74-7	..	10	16 1/2	62-0	..	109-2	..	..		
Helenburgh.	94	5 1/2	43-1	..	39-2	..	78	8 1/2	47-5	..	27-1	..	84	12 1/2	59-1	..	78-6	..	14	15 1/2	66-3	..	128-4	..	83	5 1/2	42-7	..	40-9	..	75	8 1/2	45-5	..	53-0	..	97	12 1/2	57-2	..	80-4	..	13	18 1/2	64-5	..	114-8	..	..		
Total.	1607	5 1/2	42-5	41-0	40-8	39-9	1182	8 1/2	49-1	47-0	50-1	54-9	1598	12 1/2	55-7	54-9	76-9	78-7	132	18 1/2	65-5	64-9	122-4	119-0	1480	5 1/2	42-1	40-8	40-5	39-6	1103	8 1/2	46-5	45-6	53-4	52-1	1415	12 1/2	56-9	55-7	79-6	78-4	105	18 1/2	62-6	61-7	119-2	115-1	..		
*County Standard.	..	..	42-1 inches.	..	41-2 lbs.	..	County Standard.	..	48-3 inches.	..	54-5 lbs.	..	County Standard.	..	55-0 inches.	..	74-4 lbs.	..	County Standard.	..	64-5 inches.	..	118-8 lbs.	..	County Standard.	..	41-7 inches.	..	39-7 lbs.	..	County Standard.	..	48-5 inches.	..	52-5 lbs.	..	County Standard.	..	55-8 inches.	..	72-4 lbs.	..	County Standard.	..	62-6 inches.	..	111-5 lbs.	..	..		

*It has been felt that the Anthropometric Standard is not satisfactory, because it was based on an insufficient number of observations. A County of Dunbarton Standard has therefore been arrived at by combining and averaging the figures in previous Annual Reports for a number of years back.

The following table shows the number of observations on which the County Standard is based—taken from Annual Reports 1910-20 to 1929-30.

	Extremes.		8 Years of Age.		12 Years of Age.		15 Years of Age.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Number Examined.	15,138	15,019	11,400	11,592	12,850	12,694	149	274
Average Age.	5 1/2	5 1/2	8 1/2	8 1/2	12 1/2	12 1/2	15 1/2	15 1/2

7.—G. Cleanliness of Head and Body.

(a) Verminous Conditions.

SCHOOL MANAGEMENT AREA.	No. of Rou- tine Cases exam- ined.	ROUTINE CASES.						NON-ROUTINE CASES.					
		HEAD.			BODY.			HEAD.			BODY.		
		Nits.		Vermin.		Nits.		Vermin.		Nits.		Vermin.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	Boys,	150	..	..	..	..	..	..	..	..	..	..	..
	Girls,	160	5.6	..	..	..	..	..	..	..	..	..	..
	Total,	310	9	2.9	..	..	..	..	..	..	..	..	..
Kirkintilloch,	Boys,	585	1	0.1	..	..	..	..	..	..	..	..	..
	Girls,	528	33	6.2	..	..	..	..	..	..	..	..	..
	Total,	1113	34	3.0	..	..	..	..	..	..	..	..	..
New Kilpatrick,	Boys,	246	..	..	..	..	..	..	..	..	..	..	..
	Girls,	208	3	1.4	..	..	..	..	..	..	..	..	..
	Total,	454	3	0.7	..	..	..	..	..	..	..	..	..
Old Kilpatrick,	Boys,	1631	8	0.5	1	0.1	..	..	..	..	..	..	..
	Girls,	1660	201	12.1	39	2.3	..	..	..	..	..	..	..
	Total,	3291	209	6.3	40	1.2	..	..	..	..	..	..	..
Dumbarton,	Boys,	769	16	2.0	1	0.1	..	..	..	..	..	..	..
	Girls,	727	262	36.0	4	0.5	..	..	..	..	..	..	..
	Total,	1496	278	18.5	5	0.3	..	..	..	..	..	..	..
Vale of Leven,	Boys,	637	13	2.0	1	0.1	..	..	..	..	..	..	..
	Girls,	608	161	26.4	5	0.8	..	..	..	..	..	..	..
	Total,	1245	174	13.9	6	0.4	..	..	..	..	..	..	..
Helensburgh,	Boys,	272	2	0.7	..	..	..	..	..	..	..	..	..
	Girls,	269	37	13.7	1	0.3	..	..	..	..	..	..	..
	Total,	541	39	7.2	1	0.1	..	..	..	..	..	..	..
Total,	Boys,	4290	40	0.9	3	0.1	..	..	..	..	..	..	..
	Girls,	4160	706	16.9	49	1.1	..	..	..	..	..	..	..
	Total,	8450	746	8.9	52	0.6	..	..	..	..	..	..	..

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.	%
Cumbernault,	Boys,	147	98.1	3	1.9	..	..	143	95.3	6	4.0	1	0.7
	Girls,	155	96.9	5	3.1	..	..	153	95.6	7	4.4	..	..
	Total,	302	97.5	8	2.5	..	..	296	95.5	13	4.2	1	0.3
Kirkintilloch,	Boys,	577	98.7	8	1.3	..	..	556	95.1	26	4.4	3	0.5
	Girls,	503	95.3	25	4.7	..	..	508	96.2	20	3.8	..	..
	Total,	1080	97.0	33	3.0	..	..	1064	95.7	46	4.1	3	0.2
New Kilpatrick,	Boys,	246	100.0	..	..	..	..	245	99.6	1	0.4	..	..
	Girls,	208	100.0	..	..	..	..	208	100.0	..	..	..	..
	Total,	454	100.0	..	..	..	..	453	99.8	1	0.2	..	..
Old Kilpatrick,	Boys,	1587	97.3	39	2.4	5	0.3	1564	95.9	62	3.8	5	0.3
	Girls,	1585	95.5	71	4.3	4	0.2	1586	95.6	74	4.4	..	..
	Total,	3172	96.4	110	3.3	9	0.3	3150	95.8	136	4.1	5	0.1
Dumbarton,	Boys,	753	98.0	16	2.0	..	..	752	97.9	16	2.0	1	0.1
	Girls,	717	98.7	10	1.3	..	..	700	96.4	18	2.4	9	1.2
	Total,	1470	98.4	26	1.6	..	..	1452	97.2	34	2.2	10	0.6
Vale of Leven,	Boys,	622	97.7	14	2.2	1	0.1	616	96.8	20	3.1	1	0.1
	Girls,	585	96.2	23	3.8	..	..	584	96.1	24	3.9	..	..
	Total,	1207	96.9	37	3.0	1	0.1	1200	96.4	44	3.5	1	0.1
Helensburgh,	Boys,	268	98.6	4	1.4	..	..	265	97.5	7	2.5	..	..
	Girls,	262	97.4	7	2.6	..	..	264	98.2	5	1.8	..	..
	Total,	530	98.0	11	2.0	..	..	529	97.8	12	2.2	..	..
Total,	Boys,	4200	98.0	84	1.9	6	0.1	4141	96.6	138	3.2	11	0.2
	Girls,	4015	97.4	141	2.5	4	0.1	4003	96.3	148	3.5	9	0.2
	Total,	8215	97.7	225	2.2	10	0.1	8144	96.5	286	3.3	20	0.2

The following table shows at a glance a summary of the previous table [7.—G (a)], *i.e.*, children in each area showing evidence of verminous condition of the head or body or both.

School Management Area.	Number of Routine Cases Examined.	Number showing evidence of Vermin.	Percentage.
Cumbernauld,	310	9	2·9
Kirkintilloch,	1113	34	3·0
New Kilpatrick,	454	3	0·6
Old Kilpatrick,	3291	252	7·6
Dumbarton,	1496	287	19·2
Vale of Leven,	1245	184	14·7
Helensburgh,	541	40	7·3
Total,	8450	809	9·5

7.—I. Nutrilon.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases. Examined.	ROUTINE CASES.						NON-ROUTINE CASES.			
		Above Average.		Average.		Below Average.		Very Bad.		Below Average.	Very Bad.
		No.	%	No.	%	No.	%	No.	%		
Cumbernauld,	Boys, Girls,	10 16	6.7 10.0	137 139	91.3 86.9	3 5	2.0 3.1	.. ..	.. ..	.. ..	.. ..
	Total,	26	8.3	276	89.1	8	2.6	..	1	..	..
	Boys, Girls,	34 46	5.8 8.7	521 450	89.6 85.2	27 32	4.6 6.1	.. ..	.. ..	.. ..	.. ..
Kirkintilloch,	Total,	80	7.3	974	87.4	59	5.3	..	..	..	..
	Boys, Girls,	31 26	12.6 12.5	212 175	86.2 84.2	3 7	1.2 3.3	.. ..	.. ..	.. ..	.. ..
	Total,	57	12.6	387	85.2	10	2.2	..	..	..	..
New Kilpatrick,	Boys, Girls,	85 91	5.2 5.5	1412 1429	86.6 86.0	128 139	7.9 8.4	6 1	0.3 0.1	.. ..	.. ..
	Total,	176	5.3	2841	86.3	267	8.2	7	0.2	..	4
	Boys, Girls,	121 114	15.7 15.7	513 525	66.7 72.2	113 77	14.7 10.6	22 11	2.9 1.5	.. ..	.. ..
Dumbarton,	Total,	235	15.7	1038	69.5	190	12.6	33	2.2	..	..
	Boys, Girls,	44 38	6.9 6.2	496 492	77.9 81.0	91 75	14.3 12.3	6 3	0.9 0.5	.. ..	.. ..
	Total,	82	6.5	988	79.5	166	13.3	9	0.7	1	1
Vale of Leven,	Boys, Girls,	31 21	11.4 7.8	207 224	76.1 83.3	29 24	10.7 8.9	5 ..	1.8 ..	.. ..	.. ..
	Total,	52	9.6	431	79.7	53	9.8	5	0.9	..	..
	Boys, Girls,	356 352	8.3 8.5	3501 3434	81.6 82.6	394 359	9.2 8.6	39 15	0.9 0.3	.. ..	.. ..
Helensburgh,	Total,	708	8.4	6935	82.1	753	8.9	54	0.6	2	5

7.—J. Teeth.

SCHOOL MANAGEMENT AREA.	No. of cases Ex- amined.	ROUTINE CASES.										NON-ROUTINE.	
		No Teeth. Decayed.		1 to 4 Teeth Decayed.		5 or more Teeth Decayed.		Oral Sepsis.		5 or more Decayed.	Oral Sepsis.	5 or more Decayed.	Oral Sepsis.
		No.	%	No.	%	No.	%	No.	%				
Cumbernauld,	Boys,	150	48.1	38	25.3	40	26.6	6	4.0	..	..	..	..
	Girls,	160	48.1	51	31.9	32	20.0	..	..	..	..	..	..
	Total,	310	48.1	89	28.7	72	23.2	6	1.9	..	..	..	..
Kirkintilloch,	Boys,	585	49.2	197	33.7	100	17.1	8	1.4	..	..	..	..
	Girls,	528	47.7	173	32.8	103	19.5	9	1.7	..	..	..	..
	Total,	1113	48.5	370	33.2	203	18.3	17	1.5	5	2	..	2
New Kilpatrick,	Boys,	246	46.3	101	41.1	31	12.6	..	..	..	..	..	..
	Girls,	208	52.4	74	35.6	25	12.0	2	1.0	..	..	..	..
	Total,	454	49.2	175	38.5	56	12.3	2	0.4	1	..	..	..
Old Kilpatrick,	Boys,	1631	48.7	585	36.0	254	15.3	70	4.3	..	..	..	..
	Girls,	1660	48.4	571	34.4	286	17.2	71	4.3	..	..	..	..
	Total,	3291	48.5	1156	35.1	540	16.4	141	4.3	1	15	..	15
Dumbarton,	Boys,	769	30.0	394	51.3	144	18.7	13	1.7	..	..	..	..
	Girls,	727	34.7	360	49.5	115	15.8	17	2.3	..	..	..	..
	Total,	1496	32.3	754	50.4	259	17.3	30	2.0	..	..	..	..
Vale of Leven,	Boys,	637	42.5	271	42.5	95	15.0	50	7.8	..	..	..	..
	Girls,	608	37.3	270	44.4	111	18.3	62	10.2	..	..	..	..
	Total,	1245	40.0	541	43.5	206	16.5	112	9.0	..	19	..	19
Helensburgh,	Boys,	272	37.9	118	43.4	51	18.7	29	10.7	..	..	..	..
	Girls,	269	40.5	110	40.9	50	18.6	22	8.2	..	..	..	..
	Total,	541	39.2	228	42.1	101	18.7	51	9.4	..	6	..	6
Total,	Boys,	4200	43.6	1704	39.7	715	16.7	176	4.1	..	..	..	..
	Girls,	4160	43.9	1609	38.7	722	17.4	183	4.4	..	..	..	..
	Total,	8450	43.8	3313	39.2	1437	17.0	359	4.3	7	42	..	42

7.—K. Nose, Throat, and Lymphatic Glands.

(a) NOSE.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Catarrh.			Obstruction.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld,	310	..	..	..	..	..	1	1	0.3	1	1	0.3	2
Kirkintilloch,	1113	5	0.4	1	4	0.3	3	2	0.2	4	11	0.9	8
New Kilpatrick,	454	..	..	1	1	0.2	1	2	0.4	..	3	0.6	2
Old Kilpatrick,	3291	27	0.8	6	80	2.4	20	12	0.4	1	119	3.6	27
Dumbarton,	1496	29	1.9	6	54	3.6	4	5	0.3	1	88	5.9	11
Vale of Leven,	1245	26	2.1	5	88	7.0	7	1	0.1	2	115	9.2	14
Helensburgh,	541	9	1.7	1	16	2.9	1	..	..	..	25	4.6	2
Total,	8450	96	1.1	20	243	2.9	37	23	0.3	9	362	4.3	66

7.—K. Nose, Throat, and Lymphatic Glands—continued.

(b) 1. TONSILS.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Enlarged.			Much Enlarged.			Removed.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%	
Cumbernauld,	310	13	4.2	4	..	..	5	13	4.2	..
Kirkintilloch,	1113	57	5.1	17	4	0.3	7	93	8.3	..
New Kilpatrick,	454	29	6.3	5	..	..	1	33	7.3	..
Old Kilpatrick,	3291	220	6.7	39	214	6.5	52	330	10.0	24
Dumbarton,	1496	167	11.2	13	50	3.3	11	262	17.5	1
Vale of Leven,	1245	116	9.3	12	151	12.1	34	271	21.8	2
Helensburgh,	541	54	9.9	7	66	12.2	12	79	14.6	39
Total,	8450	656	7.8	97	485	5.7	122	1081	12.7	66

7.—K. Nose, Throat, and Lymphatic Glands—continued.

(b) 2. ADENOIDS.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Present.			Suspected.			Removed.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%	
Cumbernauld,	310	2	0·6	4	4	1·3	..	11	3·5	..
Kirkintilloch,	1113	11	0·9	13	14	1·2	2	87	7·8	..
New Kilpatrick,	454	5	1·1	2	5	1·1	..	30	6·6	..
Old Kilpatrick,	3291	19	0·6	47	134	4·1	8	319	9·7	30
Dumbarton,	1496	1	0·1	13	41	2·8	..	256	17·1	1
Vale of Leven,	1245	1	0·1	17	111	8·9	8	260	20·8	3
Helensburgh,	541	..	..	10	35	6·4	7	85	15·7	42
Total,	8450	39	0·4	106	344	4·0	25	1048	12·4	76

7.—K. Nose, Throat, and Lymphatic Glands—continued.

(c) LYMPHATIC GLANDS—SUBMAXILLARY AND CERVICAL.

SCHOOL MANAGEMENT AREA.	No. of Routine Cases Ex- amined.	Palpably Enlarged.						Markedly Enlarged.						Suppurating.						Cicatrices.					
		Submaxillary.			Cervical.			Submaxillary.			Cervical.			Submaxillary.			Cervical.			Submaxillary.			Cervical.		
		Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld,	310	1	0.3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0.6	..	..	..	..
Kirkintilloch,	1113	8	0.7	7	1	0.1	2	1	0.1	2	..	..	1	..	..	..	..	..	..	9	0.8	..	4	0.3	..
New Kilpatrick, ..	454	3	0.7	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	0.9	..	..	..	..
Old Kilpatrick, ..	3291	122	3.7	11	13	0.4	5	10	0.3	23	..	..	1	..	..	..	..	..	..	28	0.8	..	3	0.1	..
Dumbarton,	1496	42	2.8	4	1	0.1	1	8	0.5	4	..	..	..	..	..	..	..	..	..	13	0.8	..	..	..	..
Vale of Leven, ..	1245	104	8.3	6	4	0.3	..	6	0.5	13	..	..	1	..	..	..	..	..	..	30	2.4	..	3	0.2	..
Helensburgh,	541	32	5.8	3	2	0.3	..	3	0.5	5	..	..	..	..	..	..	..	..	..	10	1.8	..	1	0.1	..
Total,	8450	312	3.7	33	21	0.2	8	28	0.3	47	..	..	3	..	..	..	..	..	..	96	1.1	..	11	0.1	..

7.—L. External Eye Diseases.

SCHOOL MANAGEMENT AREA.	No. of Routine Cases Ex- amined.	Strabismus.			Blepharitis.			Conjunctivitis.			Corneal Opacities.			Other Diseases.		
		Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.
		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld,	Boys,	4	2.6	..	..	..	..	..	0.6	..	..	1.2	..	..	0.6	..
	Girls,	2	1.2	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total,	6	1.9	4	..	..	1	1	0.3	2	2	0.6	..	1	0.3	1
Kirkintilloch,	Boys,	15	2.5	..	5	0.8	..	..	..	..	1	0.1	..	..	0.7	..
	Girls,	11	2.0	..	5	0.9	..	..	..	..	1	0.1	..	..	..	..
	Total,	26	2.3	4	10	0.9	1	..	..	28	2	0.1	4	4	0.3	..
New Kilpatrick,	Boys,	8	3.2	..	1	0.4	..	1	0.4	..	1	0.4	..	4	1.6	..
	Girls,	4	1.9	..	1	0.4	..	1	0.4	..	..	..	..	1	0.4	..
	Total,	12	2.6	..	2	0.4	..	2	0.4	1	1	0.2	..	5	1.1	..
Old Kilpatrick,	Boys,	38	2.3	..	13	0.8	..	2	0.1	..	4	0.2	..	12	0.7	..
	Girls,	53	3.2	..	14	0.8	..	5	0.3	..	2	0.1	..	10	0.6	..
	Total,	91	2.7	26	27	0.8	30	7	0.2	58	6	0.1	9	22	0.6	7
Dumbarton,	Boys,	40	5.2	..	19	2.4	..	2	0.2	..	1	0.1	..	2	0.2	..
	Girls,	29	4.0	..	21	2.8	..	3	0.4	..	3	0.4	..	4	0.5	..
	Total,	69	4.6	8	40	2.6	13	5	0.3	11	4	0.2	5	6	0.4	12
Vale of Leven,	Boys,	13	2.0	..	9	1.4	..	..	..	..	1	0.1	..	1	0.1	..
	Girls,	13	2.1	..	7	1.1	..	2	0.3	..	2	0.3	..	1	0.1	..
	Total,	26	2.0	13	16	1.2	9	2	0.1	9	3	0.2	1	2	0.1	3
Helensburgh,	Boys,	11	4.0	..	2	0.7	..	..	..	..	3	1.1	..	..	0.3	..
	Girls,	17	6.1	..	3	1.1	..	..	..	..	1	0.3	..	1	0.3	..
	Total,	28	5.1	3	5	0.9	1	..	..	5	4	0.7	4	1	0.1	2
Total,	Boys,	129	3.0	..	49	1.1	..	5	0.1	..	11	0.2	..	19	0.4	..
	Girls,	129	3.0	..	51	1.2	..	12	0.3	..	11	0.2	..	22	0.5	..
	Total,	258	3.0	58	100	1.1	55	17	0.2	114	22	0.2	23	41	0.5	25

7.—N. Ear Disease.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Otorrhoea.			Wax.			Others.			Total.		
		Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld	310	4	1.2	5	..	..	..	..	..	..	4	1.2	5
Kirkintilloch,	1113	9	0.8	14	2	0.1	3	..	..	..	11	0.9	17
New Kilpatrick,	454	5	1.1	2	1	0.2	2	..	..	..	6	1.3	4
Old Kilpatrick,	3291	46	1.4	47	5	0.1	18	..	..	..	51	1.5	65
Dumbarion,	1496	15	0.9	10	2	0.1	9	..	..	1	17	1.0	20
Vale of Leven,	1245	21	1.6	15	1	0.1	6	..	..	..	22	1.7	21
Helensburgh,	541	10	1.8	8	..	..	4	..	..	..	10	1.8	12
Total,	8450	110	1.3	101	11	0.2	42	..	..	1	121	1.4	144

Wax is noted only when sufficient to interfere with hearing.

7.—M. Visual Acuity (Snellen's Test at 6 Metres).

Visión shown is "Working Visión," i.e., vision of better eye.

Good Vision = 1

Fair Vision on 1.5

Bad Vision — if at worst

SCHOOL MANAGEMENT AREA.		ROUTINE CASES.																																				Non-Routine	
		AGE 8.												AGE 12.												AGE 16.													
		Good.		Fair.	Bsd.	Dad in One Eye only.		No. Examined.	Good.		Fair.	Bsd.	Dad in One Eye only.		No. Examined.	Good.		Fair.	Bsd.	Dad in One Eye only.		No. Examined.	Good.		Fair.	Bsd.	Dad in One Eye only.		No. Examined.										
		No.	%	No.		%	No.		%	No.	%		No.	%		No.	%	No.		%	No.		%	No.	%		No.	%		No.	%	No.	%	No.	%	No.	%		
		No. Examined.	No.	%	No.	%	No.	%	No. Examined.	No.	%	No.	%	No.	%	No. Examined.	No.	%	No.	%	No.	%	No.	%	No. Examined.	No.	%	No.	%	No.	%	No. Examined.							
Cumbesauld.	Boys, Girls,	44	42	95.5	..	..	2	4.5	..	..	54	49	90.7	..	..	43	90.7	1	2.0	..	..	2	4.5	..	..	58	91	92.8	..	..	7	7.2	1	1.0	..	..			
		33	45	84.0	2	3.6	6	11.3	..	..	49	45	92.0	..	..	43	90.7	1	2.0	..	..	2	4.5	..	..	102	91	89.2	..	..	8	7.9	1	1.0	..	..			
	Total,	97	87	90.2	2	1.9	8	7.9	..	..	103	95	92.3	..	..	1	1.0	7	6.7	2	1.9	..	..	..	..	202	192	91.0	3	1.5	15	7.5	2	1.0	6	..			
Kirkintilloch.	Boys, Girls,	147	137	93.2	0	0.1	1	0.7	..	..	227	204	89.9	6	2.6	17	7.5	10	4.4	..	..	25	10.5	..	..	361	340	94.2	1	0.3	1	0.2	1	0.3	..	..			
		151	134	88.7	11	7.3	6	4.0	4	2.6	189	163	86.1	13	6.9	12	6.4	11	5.5	..	..	22	11.5	..	..	361	319	87.9	25	6.9	19	5.2	13	3.6	..	..			
	Total,	298	271	90.9	20	6.7	7	2.4	5	1.6	415	367	88.4	19	4.7	29	6.9	21	5.1	51	47	92.2	2	3.9	2	3.9	1	1.8	764	685	96.0	41	3.5	38	4.9	27	2.5	17	..
New Kilpatrick.	Boys, Girls,	79	70	88.2	..	..	2	3.8	4	5.0	86	82	95.4	2	2.3	2	2.3	2	2.3	10	10.0	..	..	..	..	175	168	95.6	2	1.2	5	2.8	6	3.4	..	..			
		70	60	85.8	..	..	1	1.6	..	..	66	64	95.4	2	3.0	1	1.5	2	3.0	2	2.0	..	..	..	125	125	97.7	1	0.8	2	1.5	2	1.5	2	1.5	..	..		
	Total,	149	136	97.3	..	..	4	2.7	4	2.7	152	146	96.2	3	1.9	3	1.9	4	2.7	12	12.0	..	..	..	..	304	294	96.8	3	1.0	7	2.2	8	2.4	8	..	..		
Old Kilpatrick.	Boys, Girls,	447	394	88.1	32	7.2	21	4.7	11	2.5	587	515	88.8	30	5.2	35	6.0	15	2.6	26	8.9	..	..	..	..	1,057	953	89.8	62	5.8	61	5.8	29	2.7	..	..			
		455	392	86.3	27	6.0	34	7.5	4	0.9	525	445	84.6	28	5.3	43	8.2	17	3.2	17	15	88.2	..	..	..	..	1,057	953	89.8	62	5.8	61	5.8	29	2.7	..	..		
	Total,	902	786	87.1	59	6.6	55	6.1	15	1.7	1,112	960	86.0	68	6.2	78	7.1	32	2.9	48	41	80.1	1	2.9	6	11.1	3	9.7	128	108	83.9	128	6.3	108	8.1	24	9.3	7	..
Dumfries.	Boys, Girls,	194	177	91.2	11	5.7	6	3.1	2	1.0	284	264	91.4	22	6.8	6	1.8	3	0.9	62	52	86.7	6	10.0	2	3.3	3	2.5	178	173	96.8	3	6.8	14	2.4	8	1.5	..	..
		186	171	91.9	5	2.7	10	5.4	2	1.1	283	272	92.8	17	5.8	4	1.4	4	1.4	39	32	82.1	4	10.2	3	7.7	1	5.0	158	153	97.0	27	6.8	14	2.4	8	1.5	..	..
	Total,	380	348	91.6	16	4.2	16	4.2	4	1.1	617	568	92.1	39	6.3	10	1.7	1	1.1	99	84	84.4	10	10.1	5	5.5	4	3.7	306	290	94.5	63	5.9	31	2.8	15	1.3	3	1
Vale of Leven.	Boys, Girls,	173	158	90.2	12	7.0	7	4.0	2	1.1	214	192	89.7	14	6.6	8	3.7	1	0.5	19	9.0	..	..	..	..	307	287	89.9	26	6.6	14	3.5	3	0.7	..	..			
		189	160	84.7	13	7.2	7	3.9	2	1.1	195	171	87.2	18	9.2	7	3.6	2	1.0	10	10.0	..	..	..	..	305	301	89.2	31	8.0	14	3.7	4	1.0	..	..			
	Total,	353	316	89.6	25	7.1	12	3.3	4	1.1	410	363	88.5	32	7.9	15	3.6	3	0.7	29	19	65.0	..	..	..	..	783	688	89.1	57	7.3	28	3.6	7	0.8	45	..		
Helensburgh.	Boys, Girls,	78	72	92.3	4	5.1	2	2.6	3	3.8	81	73	89.9	6	7.1	5	6.0	1	1.2	14	11	78.6	..	..	..	..	176	156	88.6	10	5.7	19	5.7	4	2.5	..	..		
		70	71	94.1	1	1.3	4	5.3	3	3.9	97	83	85.6	8	8.2	6	6.2	..	..	13	9	69.3	3	23.0	1	7.7	1	7.7	163	167	92.6	12	6.5	11	5.9	4	2.1	..	..
	Total,	148	143	92.9	5	3.2	6	3.9	6	3.9	181	156	86.0	14	7.6	11	6.1	1	0.6	27	20	73.9	3	11.5	4	14.6	1	3.8	292	319	89.1	22	6.1	21	5.8	8	2.3	39	..
Total.	Boys, Girls,	1162	1054	90.7	68	5.8	40	3.5	21	1.8	1569	1411	89.9	80	5.1	78	5.0	33	2.1	152	133	87.5	7	4.6	12	7.9	7	4.6	2883	2598	90.1	135	2.4	130	4.5	61	2.1	..	..
		1161	1033	89.1	19	1.6	40	3.5	13	1.1	1113	1014	87.8	96	6.8	72	5.4	37	2.6	105	90	85.7	9	8.6	6	5.7	3	2.8	2460	2367	88.2	168	6.1	149	5.6	25	1.9	..	..
	Total,	2323	2087	89.9	127	5.3	108	4.6	54	1.4	2981	2655	89.8	176	5.9	153	2.2	70	2.3	257	223	86.6	16	6.6	18	6.8	10	8.7	5363	4965	89.2	319	2.7	379	5.1	114	2.0	211	8



7.—0. 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,	310	3	0.9	1	..	..	..	3	0.9	1
Kirkintilloch,	1113	3	0.2	5	1	0.1	..	4	0.3	5
New Kilpatrick,	454	3	0.6	2	..	..	..	3	0.6	2
Old Kilpatrick,	3291	40	1.2	24	5	0.1	2	45	1.3	26
Dumbarton,	1496	43	2.8	1	1	0.1	3	44	2.9	4
Vale of Leven,	1245	22	1.7	4	4	0.3	3	26	2.0	7
Helensburgh,	541	11	1.9	3	..	..	2	11	1.9	5
Total,	8450	125	1.4	40	11	0.1	10	136	1.6	50

7.—P. 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,	310	..	..	..	..	..	1	..	..	1
Kirkintilloch,	1113	4	0.3	2	3	0.2	1	7	0.6	3
New Kilpatrick,	454	3	0.6	..	1	0.2	..	4	0.8	..
Old Kilpatrick,	3291	24	0.7	3	18	0.5	4	42	1.2	7
Dumbarton,	1496	3	0.2	2	..	..	..	3	0.2	2
Vale of Leven,	1245	14	1.1	1	4	0.3	..	18	1.4	1
Helenaburgh,	541	4	0.7	..	3	0.5	..	7	1.2	..
Total,	8450	52	0.6	8	29	0.3	6	81	0.9	14

7.—Q. Mental Condition.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Dull or Backward.			Mentally Deficient.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%	
Cumbernauld,	310	2	0.6	..	..	..	..	2	0.6	..
Kirkintilloch,	1113	5	0.4	..	1	0.1	2	6	0.5	2
New Kilpatrick,	454	..	..	..	..	..	1	..	..	1
Old Kilpatrick,	3291	13	0.4	1	2	0.1	6	15	0.5	7
Dumbarton,	1496	3	0.2	1	1	0.1	1	4	0.3	2
Vale of Leven,	1245	12	0.9	1	..	..	2	12	0.9	3
Helensburgh,	541	2	0.3	..	3	0.5	..	5	0.9	..
Total,	8450	37	0.4	3	7	0.1	12	44	0.5	15

7.—S. Lunga.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Bronchial Catarrh.			Bronchitis.			Tuberculosis.			Tuberculosis Suspected.			Asthma.			Total.		
		Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld,	310	2	0.6	..	1	0.3	..	..	..	..	..	..	..	1	0.3	..	4	1.2	..
Kirkintilloch,	1113	10	0.8	..	7	0.6	12	..	..	..	..	..	1	5	0.4	1	22	1.9	13
New Kilpatrick,	454	..	..	..	..	..	..	..	..	..	..	..	..	2	0.4	..	2	0.4	..
Old Kilpatrick,	3291	57	1.7	7	16	0.4	14	1	0.1	2	1	0.1	1	8	0.2	5	83	2.5	29
Dumbarton,	1496	120	8.0	22	7	0.4	14	3	0.2	..	..	..	1	1	0.1	1	131	8.7	38
Vale of Leven,	1245	34	2.7	14	6	0.4	8	..	..	3	..	..	2	5	0.4	1	45	3.6	28
Helensburgh,	541	6	1.1	8	1	0.1	2	..	..	..	..	..	..	1	0.1	..	8	1.4	10
Total, ..	8450	229	2.7	51	38	0.4	50	4	0.1	5	1	0.1	4	23	0.2	8	295	3.5	118

7.—T. Nervous System.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Epilepsy.			Chorea.			Infantile Paralysis.			Others.			Total.		
		Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.
		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld,	310	..	..	1	..	..	..	1	0.3	..	..	..	..	1	0.3	1
Kirkintilloch,	1113	2	0.2	3	..	..	..	1	0.1	2	2	0.2	2	5	0.4	7
New Kilpatrick, ..	454	..	..	..	1	0.2	..	1	0.2	..	..	..	..	2	0.4	..
Old Kilpatrick, ..	3291	5	0.1	4	..	..	7	14	0.4	5	1	0.1	10	20	0.6	26
Dumbarton,	1496	..	..	1	1	0.1	4	4	0.2	..	4	0.2	4	9	0.6	9
Vale of Leven,	1245	2	0.1	1	5	0.4	6	1	0.1	..	3	0.2	7	11	0.8	14
Helensburgh,	541	..	..	1	2	0.3	..	4	0.7	1	1	0.1	2	7	1.2	4
Total,	8450	9	0.1	11	9	0.1	17	26	0.3	8	11	0.1	25	55	0.6	61

7.—U. Tuberculosis (Non-Pulmonary).

SCHOOL MANAGEMENT AREA.	Rou- tine Cases Exam- ined.	Glands.			Bones.			Joints.			Abdominal.			Others.			Total.		
		Routine.			Routine.			Routine.			Routine.			Routine.			Routine.		
		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,	310	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Kirkintilloch,	1113	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Kilpatrick,	454	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Old Kilpatrick,	3291	1	0·1	..	..	..	..	..	..	..	2	0·1	..	..	..	3	0·1	3	3
Dumbarton,	1496	3	0·2	..	..	..	..	..	..	..	1	0·1	1	3	0·2	1	0·4	7	2
Vale of Leven,	1245	..	..	..	..	..	..	..	..	..	3	0·2	3	1	0·1	..	4	0·3	3
Helensburgh,	541	..	..	..	..	..	..	..	..	..	..	..	..	1	0·1	1	1	0·1	1
Total, ..	8450	4	0·1	1	..	..	..	..	..	..	6	0·1	4	5	0·1	5	15	0·2	10

7.—V. 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,	310	1	0.3	..	1	0.3	..	2	0.6	..
Kirkintilloch,	1113	..	..	..	..	..	..	..	..	..
New Kilpatrick,	454	..	..	..	..	..	..	..	..	..
Old Kilpatrick,	3291	12	0.3	..	8	0.2	4	20	0.6	4
Dumbarton,	1496	9	0.6	..	4	0.2	1	13	0.8	1
Vale of Leven,	1245	1	0.1	1	3	0.2	..	4	0.3	1
Helensburgh,	541	..	..	..	2	0.3	..	2	0.3	..
Total,	8450	23	0.3	1	18	0.2	5	41	0.5	6

7.—W. 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,	310	..	..	..	1	0.3	..	1	0.3	..
Kirkintilloch,	1113	4	0.3	1	27	2.4	6	31	2.8	7
New Kilpatrick,	454	..	..	..	9	1.9	..	9	1.9	..
Old Kilpatrick,	3291	8	0.2	5	76	2.3	9	84	2.5	14
Dumbarton,	1496	7	0.5	..	33	2.2	3	40	2.7	3
Vale of Leven,	1245	3	0.2	1	14	1.1	9	17	1.4	10
Helensburgh,	541	3	0.5	..	13	2.4	5	16	2.9	5
Total,	8450	25	0.3	7	173	2.0	32	198	2.3	39

7.—Y. Other Diseases and Defects.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Hernia.			Others.			Total.		
		Routine.		Non- Routine.	Routine.		Non- Routine.	Routine.		Non- Routine.
		No.	%		No.	%		No.	%	
Cumbernauld,	310	1	0.3	..	6	1.9	11	7	2.2	11
Kirkintilloch,	1113	4	0.3	..	16	1.4	85	20	1.7	85
New Kilpatrick,	454	2	0.4	..	3	0.6	6	5	1.1	6
Old Kilpatrick,	3291	5	0.1	4	110	3.3	503	115	3.4	507
Dumbarton,	1496	..	..	..	68	4.5	234	68	4.5	234
Vale of Leven,	1245	..	..	..	45	3.6	343	45	3.6	343
Helensburgh,	541	..	..	..	17	3.1	93	17	3.1	93
Total,	8450	12	0.1	4	265	3.1	1275	277	3.2	1279

Previous Illnesses.

SCHOOL MANAGEMENT AREA.	No. of Routine Cases Exam- ined.	Measles.		Whooping- Cough.		Chicken- pox.		Mumps.		Scarlet Fever.		Diph- theria.		Smallpox.		Rheuma- tism.		Fits.		Others.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	310	263	84.8	167	53.8	103	33.2	99	31.9	33	10.6	6	1.9	..	..	3	0.9	..	..	56	18.0
Kirkintilloch,	1113	891	80.0	642	57.7	281	25.2	288	25.8	93	8.3	49	4.4	..	..	21	1.8	2	0.2	209	18.7
New Kilpatrick,	454	343	75.5	260	57.2	152	33.4	147	32.3	51	11.2	4	0.8	..	..	5	1.1	1	0.2	78	17.1
Old Kilpatrick,	3291	2771	84.2	2008	61.0	1237	37.5	1037	31.5	326	9.9	129	3.9	5	0.1	44	1.3	21	0.6	845	25.6
Dumbarton,	1496	1261	84.3	967	64.6	576	38.5	505	33.7	164	10.9	50	3.3	..	..	34	2.2	6	0.4	389	26.0
Vale of Leven,	1245	1013	81.3	798	64.1	464	37.2	525	42.1	151	12.1	53	4.2	..	..	37	2.8	2	0.1	320	25.7
Helensburgh,	541	415	76.7	329	60.8	207	38.2	183	33.8	72	13.3	14	2.5	..	..	14	2.5	3	0.5	151	27.9
Total,	8450	6957	82.2	5171	61.2	3020	35.7	2784	32.9	890	10.5	305	3.6	5	0.1	158	1.8	35	0.4	2048	24.2

8.—Special Schools and Classes.

SPECIAL SCHOOLS.—There are three Special Schools in the County—Waverley Park, Kirkintilloch; Milton School, Bowling; and High Street School, Dumbarton.

In Waverley Park Home, which is maintained by the West of Scotland Association for the Care of the Feeble-minded, there is at present one pupil from the county.

Milton Special School, which serves the Old Kilpatrick Area, has three classes for Mentally Defectives, with 59 on the roll, one class for Physically Defectives with 14 on the roll, and two classes for Deaf Mutes, with 14 on the roll, a total of 87.

The pupils in the Deaf Mute classes at Milton are drawn from the whole county, except the parishes of Kirkintilloch and Cumbernauld.

High Street School, Dumbarton, which serves the Dumbarton and Vale of Leven Areas, has four classes for Mentally Defectives, with 62 on the roll, and two classes for Physically Defectives, with 38 on the roll, a total of 100.

SPECIAL CLASSES—(a) **FOR MENTALLY DEFECTIVE CHILDREN.**—Lairdsland School, Kirkintilloch, with 16 on the roll; Clyde Street School, Helensburgh, with 11 on the roll—total, 27.

(b) **FOR CONSERVATION OF VISION.**—Lairdsland School, Kirkintilloch, with 7 on the roll; Whitecrook School, Clydebank, with 35 on the roll; College Street School, Dumbarton, with 27 on the roll—total, 69.

The following are the totals for the County:—

Mentally Defectives,	148
Physically Defectives,	52
Deaf Mutes,	14
Conservation of Vision,	69
Total,	283

Number of Physically Defective Children in Institutions paid for by the County Council,	11
Number of Mentally Defective Children in Institutions paid for by the County Council,	1
Blind Persons in training under Blind Persons Act, 1920 (cost of training borne by the County Council and Maintenance by the Local Authority),	
(a) Glasgow Royal Blind Asylum,	4
(b) Edinburgh Royal Blind Asylum	1
Total,	17

SPECIAL APPLIANCES SUPPLIED TO PUPILS.—During the session the supply or repair of the following special appliances was agreed to by the Committee :—

	PUPILS
Special Boots,	8
Special Boots and Supports,	1
Overshoes and Splints,	2
Splint,	2
Special Jackets,	3
Artificial Eyes,	3
Repair of Special Boots,... ..	2
Alterations to Special Jacket,	1

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, 1914-15, page 72 ; 1919-20, page 41 ; 1920-21, page 38 ; and 1927-28, page 37.)

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

The reasons for exemption were as follows :—

(a) FROM DRILL AND BATHS :—

Defective Heart,	23
Hernia,	4
Convalescing from recent abdominal operation,	15
Deformities,	7
Others,	8
	—
Total,	57
	==

(b) EXEMPTION FROM BATHS ONLY :—

Skin Diseases,	3
Respiratory Diseases,	3
History of Rheumatism or Chorea,	7
Otorrhœa,	5
Others,	5
	—
Total,	23
	==

Total exempted from Drill and/or Baths—80.

Ten children were recommended for modified drill.

For report on children treated by Medical Gymnastics, see paragraph 11.

10.—Feeding of School Children.

There were no meals supplied in any area during the past session. Rations of milk were, however, given to 71 children, 61 of whom were in the Old Kilpatrick area, 9 in the Vale of Leven area, and one in the New Kilpatrick area.

Employment of Children.

Licences under the Employment of Children Act, 1903, are now issued by the School Management Committees, and the numbers reported to the Education Committee during the year were as follows :—

		Granted.	Refused.	Total.
Cumbernauld,	...	...	...	...
Kirkintilloch,	...	19	4	23
New Kilpatrick,	...	50	...	50
Old Kilpatrick,	...	87	1	88
Dumbarton,	...	28	4	32
Vale of Leven,	...	15	...	15
Helensburgh,	...	15	1	16
Total,	... ..	<u>214</u>	<u>10</u>	<u>224</u>

11.—ARRANGEMENTS FOR MEDICAL TREATMENT

See Annual Reports, 1927-28, pages 38, 39 and 40, and 1928-1929, pages 46 to 54.

X-Ray Treatment of Ringworm.

Four cases of ringworm of the scalp were treated by X-Rays during the session. One of these received only partial treatment. As all the cases were treated during the last fortnight of the session the results are not known at the time of writing.

Ultra-Violet Light Treatment.

In Old Kilpatrick Area 5 children received treatment at Blawarthill Hospital. Four of these cases were children suffering from rickets and one was suffering from strumous ophthalmia. The total number of attendances was 120.

Vale of Leven Area.—Twenty-two children were treated

for various conditions, debility 7, bronchitis 5, adenitis 4, psoriasis 2, malnutrition 2, other conditions 2. The total number of attendances was 416 and improvement was recorded in the case of 16 patients.

Helensburgh Area.—Five children received treatment. The total number of attendances was 85, and improvement was recorded in the case of three patients.

ORTHOPÆDIC TREATMENT.

The Orthopædic Clinics in Clydebank and Dumbarton, under the care of Miss Jean Masterton, were open during the whole session, while the Clinic in Kirkintilloch was opened in May, 1933. Until the opening of the Kirkintilloch Clinic, Miss Masterton worked three half-days per week in Clydebank and three half-days per week in Dumbarton. Now each clinic is open two half-days per week.

The cases treated were as follows:—

ORTHOPAEDIC TREATMENT.

Deformity or Disease.	Clydebank Clinic.			Dumbarton Clinic.			Kirkintilloch Clinic.			Total.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
Kyphosis and Scoliosis, ...	6	11	17	14	11	25	6	6	12	26	28	54
Knock Knees, ...	1	1	2	...	...	...	...	...	...	1	1	2
Flat Foot, ...	1	5	6	3	9	12	...	...	...	4	14	18
Infantile Paralysis, ...	...	1	1	2	1	3	...	1	1	2	3	5
Hemiplegia, ...	...	1	1	...	...	...	...	...	...	...	1	1
Constipation, ...	...	1	1	...	...	...	...	...	...	...	1	1
Others, ...	...	...	...	2	...	2	...	...	...	2	...	2
Total, ...	8	20	28	21	21	42	6	7	13	35	48	83

RESPONSE TO TREATMENT.

Clinic.	Good.	Fair.	Unsatisfactory.
Clydebank, ...	8	17	3
Dumbarton, ...	20	17	5
Kirkintilloch, ...	This clinic has not been open long enough to see results of treatment.		
Total, ...	28	24	8

NEW CLINIC AT KIRKINTILLOCH.

For a considerable time it had been obvious that some new arrangement must be made in Kirkintilloch as regards clinic premises. Originally a certain amount of work had been done in the Nurses' Home and in various scattered School Clinics and latterly better accommodation was obtained in the Town Buildings. These premises, although an improvement on the former ones, were never really satisfactory, mainly on account of the small size of the Operating Room but also because the room used as a ward could only accommodate a very limited number of children overnight which made the Adenoid and Tonsil work uneconomical.

The Department of Health precipitated the building of a new Clinic by further limiting the number of children to be dealt with at a time.

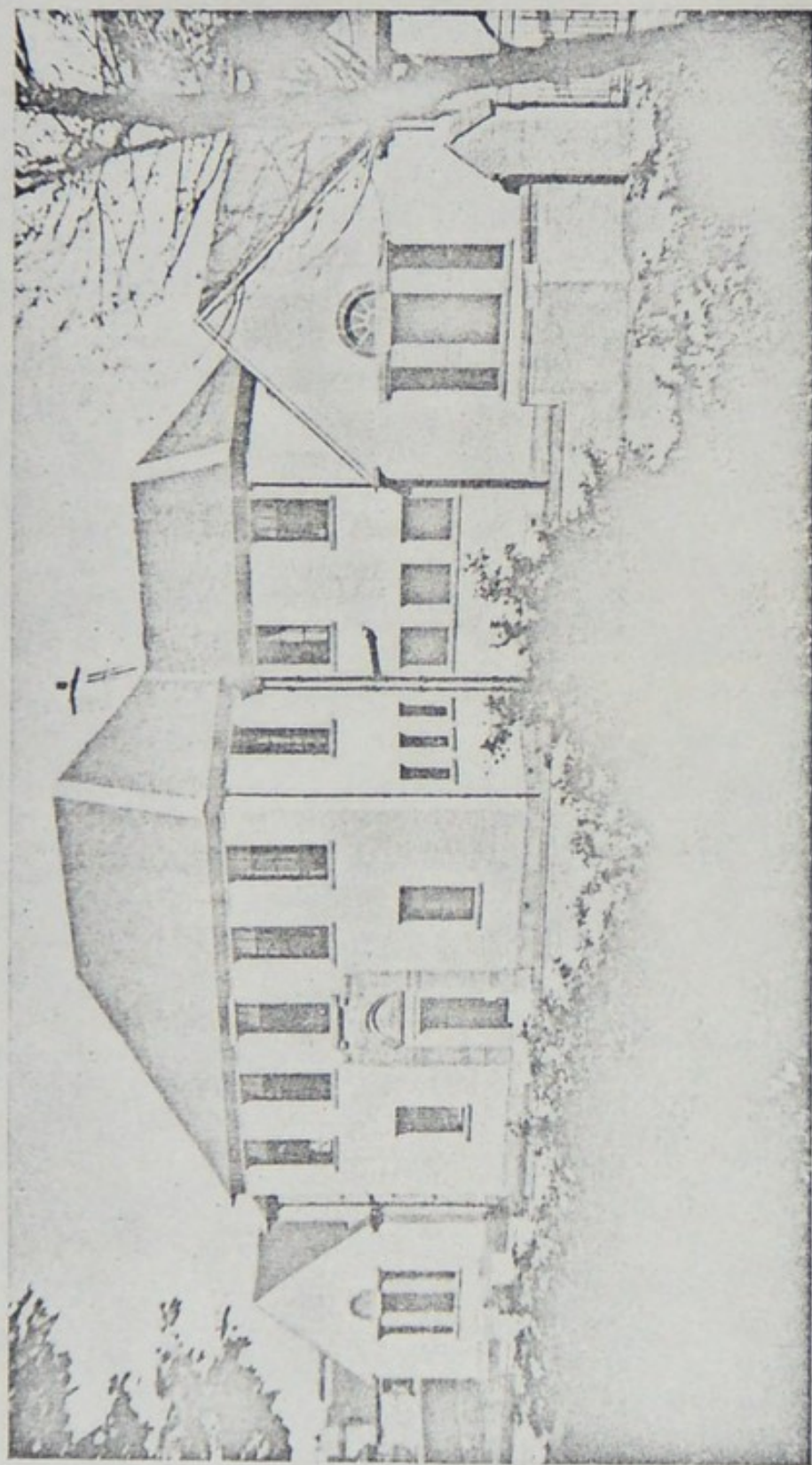
Before the 1929 Act came into force several plans had been prepared and sites inspected but some difficulty always arose, either as to the cost or as to the position of the site suggested. It was left therefore for the newly constituted County Council to carry out the scheme which had originated in the days of the Education Authority.

The buildings, which have accommodation for all forms of school inspection and treatment and also child welfare work, are shown on a plan on page 40 and were opened formally by the Rev. W. W. Reid, Convener of the Public Health Committee of the County (Provost Rutherford of Kirkintilloch presiding), in November, 1932.

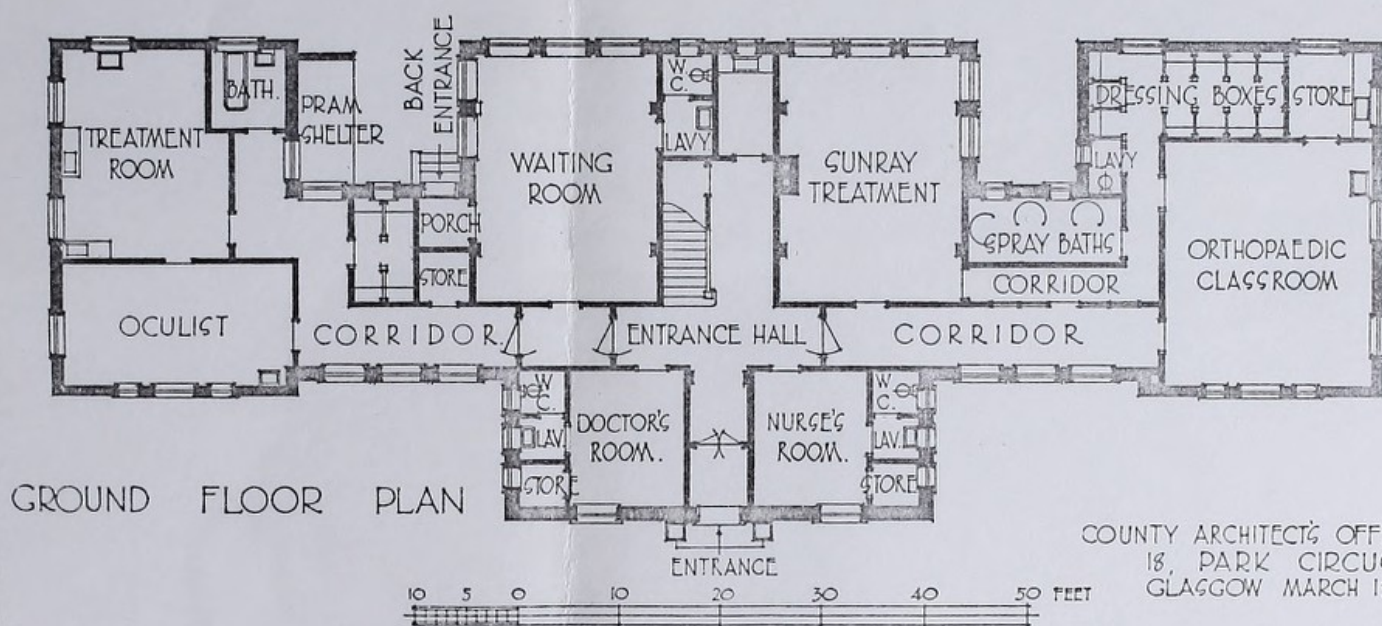
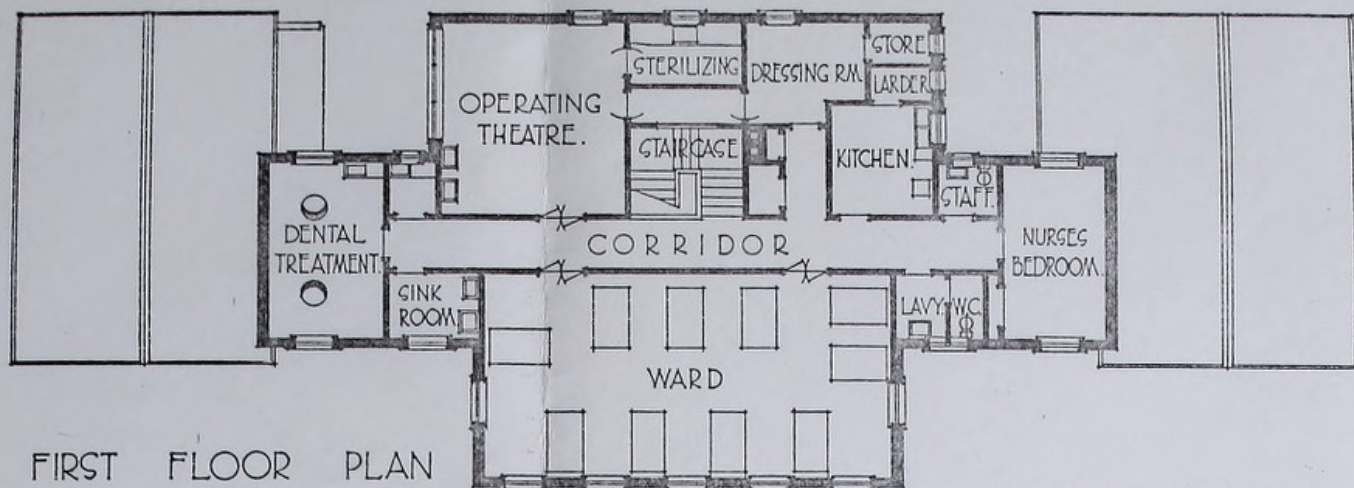
The following is an excerpt from a description prepared for the Local press:—

The building is of hollow brick construction and cement roughcast outside, with natural stone base course and dressings, sparingly used from Corsehill Quarry. The architect considered that to erect an iron railing along the entire frontage to Lenzie Road would be a very expensive item, and would also give to the building that institutional appearance of a less enlightened age, and designed a low parapet wall with stone coping, the gateways being marked with substantial brick built and roughcast piers; the gates are of wrought iron of simple design.

The entrance vestibule enters into a hall from which the staircase to the upper floor arises. The staircase is constructed with a solid balustrade designed on modern lines. To the left of the entrance hall is a room for the Medical Officer, with lavatory and store for drugs and appliances. This room is balanced on the other side by a room of similar size, also with lavatory and storage for the use of the nurses. Continuing down the left hand corridor, which is six feet wide, is a waiting



Medical Examination and Treatment Clinic, Kirkintilloch.



COUNTY ARCHITECT'S OFFICE
18, PARK CIRCUS,
GLASGOW MARCH 1933

Medical Examination and Treatment Clinic, Kirkintilloch.



room for mothers who may accompany their children. A side entrance to this room is provided, adjacent to which is a covered shelter for perambulators.

At the end of the corridor is the ophthalmic clinic, fitted with all necessary appliances. Adjoining this room is a general treatment clinic. This room is fitted with sinks for cleansing purposes and a large foot bath. A bathroom is attached to this room and dressing cubicles are provided adjacent.

To the right of the entrance hall is an electrical treatment room. This apartment is equipped with an ultra-violet ray lamp of the latest pattern, and two arc lamps for general electrical treatment. It is cubicled off with hanging curtains, so that treatment can be carried on simultaneously with any of the electrical apparatus. Adjacent to this room is a range of spray baths and lavatory accommodation, and also curtained off cubicles forming dressing rooms. At the end of the corridor is the orthopaedic classroom of good size, having a southern and western exposure. It is fitted with the most modern appliances for corrective treatment. The spray baths, dressing cubicles and lavatory are of easy access from the classroom, forming a complete unit. A room has been provided adjoining the classroom wherein any plaster castings may be undertaken or special appliances stored. It is fitted with a sink. A cleaners' press and storage presses are provided on the ground floor.

The chief room on the upper floor is the operating theatre, the north wall of which is taken up by a large window worked with patent gearing. The floor is laid with composition material of a pleasant red colour. The equipment consists of operating table, operating hand lamp, surgeons' sinks, instrument case, and is up-to-date in every respect. A room for sterilising of instruments, leading out of the theatre, is provided. Adjoining the theatre and leading off a sub-corridor is a dressing or preparation room for children awaiting operation. A recovery ward for ten beds occupies the entire frontage of the centre outshoot of the building on the upper floor, and is adjacent to the operating theatre. The intention is to keep children who have been operated on for a night in this ward so as they can receive every attention, and in view of this a kitchen and nurses' bedroom have been provided. The dental clinic is situated on the upper floor and adjacent to the ward room into which children can be moved for recovery. A ward sink room, lavatories for nurses and children and cleaners' room is also provided on the upper floor.

The building is heated throughout by a low pressure system of hot water, and hot water for domestic purposes is obtained from an independent system, with plant situated

in the heating chamber. Electricity is installed throughout and includes the usual lighting units, power units for heating, cooking and dental drilling. The decoration of the building internally has been carried out in a uniform scheme of bright sunlight colours, and all woodwork stained deep blue or silver colour.

The accepted tenders for the structure amounted to £4500, and furnishings, floor coverings and equipment will bring the cost up to £5500.

INQUIRY INTO RESULTS OF OPERATIONS FOR REMOVAL OF TONSILS AND/OR ADENOIDS.

As was mentioned in the Annual Report for 1931-32 an enquiry was begun regarding the condition of children who had been operated on for throat, nose and ear conditions, practically all removal of tonsils and/or adenoids.

The number of cases examined during the session 1931-32 was 138, and it was felt that this was insufficient to enable satisfactory conclusions to be drawn. During the session 1932-33 the inquiry was continued and 508 cases were examined. Adding this number to those examined in the previous session the total is 646 children. Of these 595 had tonsils and adenoids removed; 2 had only tonsils removed; 48 had only adenoids removed, and one child was operated on for removal of a Nasa Polypus.

The interval between the operation and the re-examination of the child was never less than 12 months and was sometimes as long as 18 months.

No selection of the cases was made except that children in rural areas who had long distances to come were not re-examined. In almost every case a parent was present at the re-examination.

The cases were classified into three groups—Result satisfactory, result moderately satisfactory, result unsatisfactory—the criterion being the effect on the general health of the child, based on the statement of the parent, the observation of the school medical officer, the disappearance of symptoms, and any other available evidence such as effect on school attendance.

Of those operated on for the removal of tonsils and adenoids, 79·5% were classified as result satisfactory, 12·4% as result moderately satisfactory, and 8·1% as result unsatisfactory.

Of those operated on for the removal of adenoids only, 50·0% were classified as result satisfactory, 22·9% as result moderately satisfactory, and 27·1% as result unsatisfactory.

The discrepancy in satisfactory results in the two groups

is worth noting, but as the number in the adenoids only group is so small it would be unjustifiable to attach undue importance to the difference.

Undoubtedly the most striking result revealed by the enquiry was the marked improvement in general health, even in cases where individual symptoms such as discharges from nose or ears showed little change.

It is no exaggeration to say that many of the parents were enthusiastic about the beneficial effects of the operation.

On page 44 will be found a table showing the results as regards individual symptoms.

It will be seen that the great majority of cases of mouth-breathing are cured. Undoubtedly many of the cases in which mouth-breathing persists after the operation are due to the lack of training in nose-breathing. In three cases mouth-breathing began only after the operation, but no satisfactory reason was found for this.

The number of cases in which deafness was a symptom before operation was 124, and of these, 81 were cured and 43 stated that there was little or no improvement. Six cases developed deafness after the operation, but nearly all were due to wax in the ear and were dealt with.

Of the 94 children who had discharging ears prior to operation, 50, or a little more than half, benefited by the operation so far as this symptom was concerned, and of those with discharging nose, 92 out of 176 reported as being cured. On the other hand, 8 children complained of running ear appearing for the first time after operation, and no fewer than 17 complained of persistent nasal discharge appearing for the first time after operation. Some of the cases of persistent nasal discharge are due to neglect of the toilet of the nose, but these are a minority.

A history of undue susceptibility to colds, either in head or chest, prior to the operation was given in 287 cases. Of these 167 were definitely improved by the operation, while 120 reported no change in susceptibility. Six patients complained that the operation had increased the susceptibility to cold.

Of the 117 pupils with a history of enlarged glands before operation, 64 were found to be cured and 53 had still some enlargement. Two children developed enlarged glands after the operation, but in these cases the condition of the teeth was sufficient to account for the onset.

Of the 31 cases who had a history of rheumatism before the operation, only 7 reported no further attack, while 24 reported no change. The removal of tonsils and/or adenoids seems to have no effect where the rheumatism or chorea is established. No fewer than 8 cases had rheumatism for the first time after operation.

It is proposed to continue the enquiry next session.

Results of Removal of Tonsils and/or Adenoids.

		Tonsils and Adenoids Removed.				Only Adenoids Removed.			
		Result Satisfactory.	Result Moderately Satisfactory.	Result Unsatisfactory.	Total.	Result Satisfactory.	Result Moderately Satisfactory.	Result Unsatisfactory.	Total.
	Number.	473	74	48	595	24	11	13	48
Mouth Breathing,	Present before operation,	282	49	28	359	19	7	11	37
	Continuing after operation,	27	21	19	67	2	4	9	15
	Apparently cured,... ..	255	28	9	292	17	3	2	22
	Beginning after operation,	1	—	2	3	—	—	—	—
Deafness,	Present before operation,	87	23	9	119	2	3	—	5
	Continuing after operation,	17	18	6	41	—	2	—	2
	Apparently cured,... ..	70	5	3	78	2	1	—	3
	Beginning after operation,	4	—	1	5	—	—	1	1
Discharging Ear,	Present before operation,	66	15	8	89	2	2	1	5
	Continuing after operation,	26	12	5	43	—	—	1	1
	Apparently cured,... ..	40	3	3	46	2	2	—	4
	Beginning after operation,	6	1	—	7	—	1	—	1
Discharging Nose,	Present before operation,	99	35	19	153	11	7	5	23
	Continuing after operation,	27	29	17	73	2	4	5	11
	Apparently cured, ...	72	6	2	80	9	3	—	12
	Beginning after operation,	5	8	2	15	—	1	1	2
Susceptibility to Colds,	Present before operation,	199	37	28	264	10	5	8	23
	Continuing after operation,	58	26	25	109	2	3	6	11
	Apparently cured, ...	141	11	3	155	8	2	2	12
	Beginning after operation,	2	—	1	3	—	1	2	3
Enlarged Glands	Present before operation,	83	22	4	109	—	1	7	8
	Continuing after operation,	33	10	3	46	—	1	6	7
	Apparently cured, ...	50	12	1	63	—	—	1	1
	Beginning after operation,	1	1	—	2	—	—	—	—
Rheumatism or Chorea,	Present before operation,	15	11	4	30	—	1	—	1
	Continuing after operation,	11	10	2	23	—	1	—	1
	Apparently cured, ...	4	1	2	7	—	—	—	—
	Beginning after operation,	5	1	—	6	1	—	1	2

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.
Kirkintilloch, Cumbernauld, (Cumbernauld, S. Muirhead Arms, Southern District, Condorrat)	C. Jeffrey,	951	4021	77	204	180	2	89	608	72
New Kilpatrick Old Kilpatrick (Landward), Cumbernauld (Drumglass and Croy)	J. Scott,	893	3376	172	167	110	..	86	585	226
Old Kilpatrick, (Clydebank, Elgin Street, Our Holy Redeemer's)	S. Dougherty,	577	2295	36	83	59	43	109	142	9
Old Kilpatrick, (Radnor Park, Boquhanran, Dalmuir, St. Stephen's)	E. Lyle,	263	994	35	85	24	..	91	93	55
Dumbarton, (Academy, Knox-land, College Street, High Street, St. Patrick's)	M. Gilmour,	438	1011	16	66	23	..	69	246	100
Vale of Leven, (except Renton)	E. Yule,	539	3112	71	106	30	5	76	378	50
Dumbarton, (West Bridgend, St. Patrick's High, Clerkhill), Helensburgh, Vale of Leven, (Renton)	E. Stevenson,	386	866	40	149	32	1	51	302	..
Total,		4047	15,675	447	860	458	51	571	2354	512

Dental Treatment.

SCHOOL MANAGEMENT AREA.	Number of Children Treated.				Conservation Treatment.				Extractions.					
	Routine Cases.			Total Number of Cases Treated.	Teeth Filled.		Teeth Conserved by other Treatment.		Total Number of Teeth Con- served.	Teeth Extracted.		Anæsthetics.		
	Number of Cases requir- ing Treat- ment.	Actual Number of Cases Treated.	Number of Emer- gency cases treated.		Total Number of Cases Treated.	Tem- porary.	Per- manent.	Tem- porary.		Per- manent.	Total No. of Extrac- tions	Local.	General.	
Cumbernauld .. (Mr. Martin),	471	324	393	541	..	51	51	101	203	493	106	599	432	..
Kirkintilloch .. (Mr. Martin),	297	208	253	386	7	46	39	68	160	671	132	803	318	50
Kirkintilloch† .. (Mr. Wydner),	846	846	540	846	22	230	1	22	275	1168	384	1552	1552	..
New Kilpatrick (Mr. Martin), ..	393	270	283	737	8	178	94	307	587	484	210	694	544	..
Old Kilpatrick .. (Mr. Martin),	360	264	189	548	1	70	49	133	253	414	184	598	439	..
Old Kilpatrick .. (Miss M'Kendrick),	4615	2531	1369	2345	..	840	..	289	1129	8988	1759	10,747	2434	1055
Dumbarton .. (Miss Pugh),	1740	1102	885	1993	..	529	..	166	695	2176	644	2820	865	236
Vale of Leven .. (Miss Pugh),	1129	842	379	1330	..	343	..	151	494	1686	449	2135	629	174
Vale of Leven .. (Mr. Martin),	144	94	83	83	3	17	7	17	44	94	24	118	80	..
Helensburgh .. (Mr. Martin),	374	263	224	939	7	328	63	808	1206	1078	407	1485	725	77
Total.	10,369	6744	4598	9748	48	2632	304	2062	5046	17,252	4299	21,551	8018	1592

†In Kirkintilloch Burgh, inspections are made by the School Medical Officer, who refers children requiring treatment to Mr. Wydner, L.D.S. Mr. Wydner is a part-time dentist, and during the session he worked for 234 hours.

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.	
	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	R. L.	
Defective Vision treated with Spectacles, H. H.A. M. M.A. Mix. A.	32	33	30	29	12	13	15	15	25	22	27	30	5	5	9	6	60	60	67	66	39	36	31	33
	21	21	21	21	8	7	12	13	21	27	33	31	6	6	3	8	55	52	62	69	11	15	29	27
	10	7	9	7	2	2	7	6	5	3	4	4	1	2	4	4	17	20	28	27	2	1	3	3
	4	6	10	11	4	4	2	3	6	5	4	4	3	2	3	1	23	22	16	18	3	3	4	5
	2	0	3	4	0	0	3	2	6	6	4	3	3	3	1	1	6	8	14	9	3	3	1	1
Total,	69	67	73	72	26	26	39	39	63	63	72	72	18	18	20	20	161	162	187	189	58	58	68	69
Defective Vision too slight to benefit from Spectacles, ..	11	11	4	4	4	4	10	10	8	8	13	13	2	2	0	0	21	21	37	37	11	11	17	17
Defective Vision otherwise treated,	13	15	7	8	0	0	7	7	6	6	7	7	4	4	1	1	26	25	23	21	8	8	5	4
Total Number of Children Examined,	93		84		30		56		77		92		24		21		208		247		77		90	
Re-Examinations,	134		122		38		47		97		117		29		25		272		310		79		94	

Total Number of Children Examined—1099.
Total Number of Spectacles Supplied—707.

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.
Kirkintilloch, (Cumbernauld, S. Muirhead Arns, Southern District, Condorrat)	C. Jeffrey,	390	1657	67	191	1	173	25	..	..
New Kilpatrick, Old Kilpatrick, (Landward), Cumbernauld (Drumglass and Croy)	J. Scott,	346	1489	175	288	40	48	24	1	4
Old Kilpatrick, (Clydebank, Elgin Street, Our Holy Redeemer's)	S. Dougherty,	365	1172	38	163	..	177	1	4	23
Old Kilpatrick, (Radnor Park, Boquhanran, Dalmuir, St. Stephen's)	E. Lyle,	245	1003	50	153	18	29	11	6	33
Dumbarton, (Academy, Knox-land, College Street, High Street, St. Patrick's)	M. Gilmour,	355	1468	85	288	19	4	8	2	27
Vale of Leven, (except Renton)	E. Yule,	408	1667	87	335	110	27	10	17	..
Dumbarton, (West Bridgend, St. Patrick's High, Clerkhill), Vale of Leven, (Renton), Helensburgh,	E. Stevenson,	660	3012	283	499	4	485	..	..	9*
Total,		2769	11,468	785	1917	192	943	79	30	190

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