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EDUCATION AUTHORITY OF THE
COUNTY OF DUMBARTON

.....

Fourteenth Annual Report

ON THE

Medical Inspection of School Children

.....

1924-1925.

Year ending 31st July, 1925.



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DUMBARTON.

Fourteenth Annual Report

ON THE

MEDICAL INSPECTION OF
SCHOOL CHILDREN.

1924 - 1925.

(Year ending 31st July, 1925).

KIRKINTILLOCH:
PRINTED BY D. MACLEOD, LTD.

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P R E F A C E.

To the Education Authority
of the County of Dumbarton.

LADIES AND GENTLEMEN,

I beg to submit the Fourteenth Annual Report on the Medical Inspection of School Children in the County, which has been compiled by the Medical Officers. The work of the Treatment Clinics will be found at the end of the Report.

Although the figures do not materially differ from those of the last few years, there are one or two matters of considerable interest which should be referred to.

It will be noted that a certain number of children are still attending the schools in the County in a verminous condition, and I would here appeal to the School Management Committees to deal more stringently with the parents of these children.

Inspection of 7,446 children this year by the Medical Staff revealed the fact that 2,665, or nearly 36%, showed no dental decay. As regards treatment, 11,718 children were inspected by the Dental Staff, and of this number 6,006 were treated at the dental clinics.

Since the commencement of the work at the Adenoids and Tonsils Clinics, 3,440 operations have been completed, and although several children developed pneumonia at varying periods after the operation, they all recovered eventually; during 1924-1925, however, a death occurred within 36 hours of an operation, but the actual cause of death could not be ascertained definitely.

It must, further, be recorded here that the time appears to be approaching when it will be impossible to carry out the Medical Work efficiently with a staff of only two whole-time Medical Officers. Apart from the routine inspections, the Medical Officers have now to carry out a great mass of non-routine work; this consists of skin clinic work, examinations of children applying for employment licences and for exemption from physical training, and also the examination and certifi-

cation of children suffering from mental and physical defects. It must also be remembered that the attendance of Medical Officers at meetings reduces the number of days on which they can work at routine inspections.

During the year I was called upon to give evidence before the Rent Restriction Acts Committee, and in summarising the figures for the various districts in connection with heights and weights of children at certain age periods, it became evident to me that the anthropometrical standard could not be regarded as entirely satisfactory. If reference is made to the standard itself, it will be realised that at several of the age periods the number of observations recorded are too small to give a reliable average. There must now be a very large mass of information available for analysis by the Board of Health from which very valuable averages could be taken, and I would here suggest that these figures should now be collected and made available for School Medical Officers throughout the Country.

I have considered it desirable to print the evidence given before the Rent Restriction Acts Committee as an appendix, in order to preserve a record of the observations made.

THOMAS LAUDER THOMSON, M.D., D.P.H.,
School Medical Supervisor.

88 COLLEGE STREET,
DUMBARTON, November, 1925.

Education Authority of the County of Dumbarton.

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.

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.(Glas.), D.O.M.S. B.Sc. (Lond.)
(part time).

Ear, Nose and Throat Specialist.

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

Dermatologist.

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

Inspection and Clinic Nurses.

M. GILMOUR.

C. B. CLARKE.

C. M. JEFFREY.

I. SEATH. (Resigned)

S. DOUGHERTY.

E. LYLE.

E. YULE

Nurses for Special Schools.

J. L. THOMSON.

J. MACDONALD.

Dental Attendants.

ANNIE RAE.

MARGARET CRUICKSHANK.

Clerks (part time).

GEORGE BROWNE.

AGNES KENNEDY.

REPORT

ON THE

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

1.—List of Staff.

See page 5.

2.—(a) Number of Schools.

SCHOOL MANAGEMENT AREA.

Cumbernauld,	6
Kirkintilloch,	6
New Kilpatrick,	6
Old Kilpatrick,	12
Dumbarton,	7
Vale of Leven,	11
Helensburgh,	13
	—
Total,	61
	==

(b) Number of Children on Register and in Average Attendance.

School Management Area.	Average on Roll.	Average Attending.	Per Cent.
Cumbernauld,	1,044·4	918·7	88·0
Kirkintilloch,	3,253·6	2,953·0	90·7
New Kilpatrick, ..	1,466·3	1,278·8	87·2
Old Kilpatrick, ..	10,463·5	9,294·1	88·8
Dumbarton,	4,969·7	4,502·6	90·6
Vale of Leven,	3,853·4	3,364·5	87·3
Helensburgh,	1,755·7	1,555·8	88·6
Total, ..	26,806·6	23,867·5	89·0

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, 455

4.—Number of Special Visits by Medical Officers.

For re-examination of defective children, 31
 For examination of backward or mentally or
 physically defective children, 95
 For inquiry about outbreaks of infectious disease, 2
 For examinations for employment licences, 8
 Attendances at Clinics, 267
 Attendances at Committee meetings, office work, etc. 90

5.—Sanitary Condition of Schools.

During the year modern sanitary fittings were installed in Ardlui School.

It is interesting to note that the old type of school drinking fountain is being gradually replaced by a new pattern of hygienic fountain, which requires no drinking cup.

No other changes fall to be recorded ; for other information see Reports 1912-13, pages 39 and 72-73 ; 1913-14, pages 32-33 and 59 ; 1922-23, page 7.

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

For outline of organisation and administration see Reports 1914-15, pages 7-8 ; and 1922-23, pages 7-8.

Miss Pugh was absent through illness during part of June, and any urgent work in her area was done by James D. Grant, L.D.S., and A. R. Galloway, L.D.S.

Nurse Lyle was off duty owing to illness for a portion of the time, and Nurse Johnson took her place.

Nurse Seath was off duty for some months owing to illness ; Nurse M. Higgins took over her duties until March, when Nurse Seath resigned, and Nurse Yule was appointed to fill the vacancy.

6.—F. Parents Present at Inspection.

School Management Area.	Number of Children Examined.	Number of Parents Present.	Per Cent.	Non-Routine.
Cumbernauld,	325	36	11·1	5
Kirkintilloch,	805	197	24·3	9
New Kilpatrick,	399	40	10·0	5
Old Kilpatrick,	2918	978	33·5	47
Dumbarton,	1377	216	15·6	221
Vale of Leven,	1088	341	31·3	292
Helensburgh,	534	104	19·4	44
Total,	7446	1912	25·6	623

It is interesting to note that, since the work of School Medical Inspection was started in the County of Dumbarton in 1911, the number of parents attending the inspection has risen steadily from 3% in 1911-12 to 25·6% in 1924-25.

7.—The Physical Condition of the School Children.

A.—Total Number of Children Examined.

SCHOOL MANAGEMENT AREA.	ROUTINE CASES.															NON-ROUTINE	
	Entrants.			Age 8.			Age 12.			Age 16.			Total.				
	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.		Total.
Cumbernauld,	5½	67	53	120	12½	52	33	85	..	..	..	..	..	180	145	325	46
Kirkintilloch,	5½	133	148	281	12½	169	187	356	..	..	..	..	..	393	412	805	162
New Kilpatrick,	5½	52	40	92	12½	82	84	166	15½	1	..	1	..	209	190	399	83
Old Kilpatrick,	5½	595	608	1203	12½	529	526	1055	16½	28	16	44	..	1441	1477	2918	450
Dumbarton, ..	5½	209	187	396	12½	268	240	514	16½	26	57	83	..	692	685	1377	612
Vale of Leven,	5½	176	172	348	12½	182	160	348	16½	5	12	17	..	551	537	1088	557
Helensburgh, ..	5½	89	80	169	12½	94	94	188	16½	5	10	15	..	263	271	534	242
Total,	5½	1321	1288	2609	12½	1376	1336	2712	16	65	95	160	..	3729	3717	7446	2152*

* Includes 387 children examined for Employment Licences.

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

SCHOOL MANAGEMENT AREA.		CUMBERNAULD.			KIRKINTILLOCH.			NEW KILPATRICK.			OLD KILPATRICK.			DUMBERTON.			VALE OF LEVEN.			HELENSBURGH.			TOTAL.		
Number of Routine Cases examined, ..		325			805			399			2018			1377			1088			534			7446		
CARD.	DEFECT.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.			
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	No.	Per Cent.
A.	Vermin or Nits on Head, ..	22	6.8	1	46	5.7	..	10	2.5	2	223	7.6	4	147	10.6	12	84	7.7	..	28	5.2	2	560	7.3	21
G.	Vermin on Clothing,	3	0.9	..	4	0.4	..	..	..	..	26	0.8	2	41	2.9	4	15	1.3	..	2	0.3	2	91	1.2	8
J.	Unsatisfactory Footgear, ..	2	0.6	..	1	0.1	..	1	0.2	..	5	0.1	1	..	..	..	..	..	..	3	0.5	..	12	0.1	1
K.	Unsatisfactory Clothing, ..	3	0.9	..	1	0.1	..	..	..	..	2	7	0.2	5	5	0.3	1	..	..	..	..	..	16	0.2	8
D.	Tonsils and Adenoids,	7	2.1	..	11	1.3	2	11	2.7	1	108	3.7	22	102	7.4	15	81	7.4	26	44	8.2	1	364	4.7	67
E.	Ear Disease,	3	0.9	..	5	0.6	..	2	0.5	..	11	0.3	7	7	0.5	4	5	0.4	1	3	0.5	1	36	0.4	13
H.	Defective Vision and Eye Disease,	16	4.8	6	35	4.2	9	12	3.0	7	114	3.9	57	94	6.8	40	58	5.3	16	32	5.9	3	361	4.6	138
M.I.M.T.	Other Diseases, .. . . .	..	..	..	..	..	..	..	..	..	1	0.03	3	12	0.8	1	3	0.2	..	1	0.1	..	17	0.2	4
U.M.T.	Already under Treatment, ..	2	0.6	..	6	0.7	8	4	1.0	1	16	0.5	4	20	1.4	2	9	0.8	4	6	1.1	2	63	0.8	21
P.A.	Parents Advised,	14	4.2	5	54	6.3	9	11	2.7	5	342	11.7	47	200	14.5	221	320	29.4	202	92	17.2	44	1033	13.8	623
Total,		72		12	163		28	51		18	853		152	628		300	575		339	211		55	2553		904

7.—D. Clothing.

School Management Area.	No. of Routine cases examined.	SUFFICIENCY.						REPAIR.						CLEANLINESS.							
		Good.		Medium.		Bad.		Good.		Medium.		Bad.		Good.		Medium.		Bad.		Non-Routine.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
		Non-Routine.		Bad.		Non-Routine.		Bad.		Non-Routine.		Bad.		Non-Routine.		Bad.		Non-Routine.		Bad.	
Cumbernauld,	Boys,	180	100.0	..	..	..	..	175	97.2	3	1.7	2	1.1	..	..	170	94.5	10	5.5	..	..
	Girls,	145	100.0	..	..	..	..	144	99.3	1	0.7	..	..	..	..	142	97.9	3	2.1	..	..
	Total,	325	100.0	..	..	..	..	319	98.2	4	1.2	2	0.6	1	..	312	96.0	13	4.0	..	..
Kirkintilloch,	Boys,	393	100.0	..	..	..	..	386	98.3	6	1.5	1	0.2	..	..	379	96.5	12	3.0	2	0.5
	Girls,	412	99.8	1	0.2	..	..	410	99.5	2	0.5	..	..	..	..	407	98.8	4	1.0	1	0.2
	Total,	805	99.9	1	0.1	..	..	796	98.9	8	1.0	1	0.1	..	..	786	97.6	16	2.0	3	0.4
New Kilpatrick,	Boys,	209	100.0	..	..	..	..	206	98.6	3	1.4	..	..	..	..	204	97.6	5	2.4	..	..
	Girls,	190	100.0	..	..	..	..	189	99.5	1	0.5	..	..	..	..	188	99.0	2	1.0	..	..
	Total,	399	100.0	..	..	..	..	395	99.0	4	1.0	..	..	..	..	392	98.3	7	1.7	..	..
Old Kilpatrick,	Boys,	1441	99.6	4	0.3	1	0.1	1389	96.4	48	3.3	4	0.3	..	..	1394	96.8	45	3.1	2	0.1
	Girls,	1477	99.5	6	0.4	1	0.1	1429	96.8	47	3.1	1	0.1	..	..	1440	97.5	34	2.3	3	0.2
	Total,	2918	99.6	10	0.3	2	0.1	2818	96.6	95	3.2	5	0.2	..	..	2834	97.1	79	2.7	5	0.2
Dumbarton,	Boys,	692	98.2	8	1.1	1	0.1	569	82.7	113	16.3	10	1.4	..	..	607	87.9	74	10.6	11	1.5
	Girls,	685	96.6	23	3.4	..	..	522	76.1	146	21.3	17	2.6	..	..	600	87.6	85	12.4	..	..
	Total,	1377	97.7	31	2.2	1	0.1	1091	79.2	259	18.8	27	2.0	1	..	1207	87.7	159	11.5	11	0.8
Vale of Leven,	Boys,	551	99.5	3	0.5	..	..	445	80.9	98	17.7	8	1.4	..	..	489	88.8	58	10.5	4	0.7
	Girls,	537	98.7	7	1.3	..	..	422	78.6	109	20.3	6	1.1	..	..	473	88.1	59	11.0	5	0.9
	Total,	1088	99.1	10	0.9	..	..	867	79.8	207	19.0	14	1.2	5	..	962	88.4	117	10.8	9	0.8
Helensburgh,	Boys,	263	100.1	..	..	..	..	245	93.2	18	6.8	..	..	..	..	256	97.3	7	2.7	..	..
	Girls,	271	100.1	..	..	..	..	240	88.5	30	11.1	1	0.4	..	..	261	96.3	6	2.2	4	1.5
	Total,	534	100.1	..	..	..	..	485	91.0	48	8.8	1	0.2	..	..	517	96.9	13	2.4	4	0.7
Total,	Boys,	3729	99.6	15	0.4	2	0.05	3415	91.6	289	7.8	25	0.6	..	..	3499	93.8	211	5.7	19	0.5
	Girls,	3717	98.9	37	1.0	1	0.03	3356	90.3	336	9.1	25	0.6	..	..	3511	94.5	193	5.2	13	0.3
	Total,	7446	99.2	52	0.7	3	0.04	6771	91.0	625	8.4	50	0.6	7	..	7010	94.2	404	5.4	32	0.4

7.—E. Footgear.

SCHOOL MANAGEMENT AREA.	Number Examined.	ROUTINE CASES.						NON-ROUTINE.			
		Good.		Medium.		Bad.		None.		Bad.	None.
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		
Cumbernauld,	Boys,	175	97.2	3	1.7	..	..	2	1.1	..	..
	Girls,	143	98.6	2	1.4	..	..	..	..	..	..
	Total,	318	97.9	5	1.5	..	..	2	0.6	..	..
Kirkintilloch,	Boys,	390	99.3	3	0.7	..	..	..	..	..	..
	Girls,	412	100.0	..	..	..	..	..	..	..	..
	Total,	802	99.6	3	0.4	..	..	..	..	..	..
New Kilpatrick,	Boys,	207	99.1	2	0.9	..	..	..	..	..	..
	Girls,	190	100.0	..	..	..	..	..	..	..	..
	Total,	397	99.5	2	0.5	..	..	..	..	..	..
Old Kilpatrick,	Boys,	1416	98.3	22	1.5	2	0.1	1	0.1	..	..
	Girls,	1477	98.7	18	1.2	..	..	1	0.1	..	..
	Total,	2918	98.4	40	1.4	2	0.1	2	0.1	2	..
Dumbarton,	Boys,	631	91.2	43	6.2	5	0.7	13	1.9	..	..
	Girls,	685	94.4	38	5.5	1	0.1	..	..	..	..
	Total,	1377	92.9	81	5.8	6	0.4	13	0.9	..	..
Vale of Leven,	Boys,	551	90.8	32	5.8	3	0.5	16	2.9	..	..
	Girls,	537	94.3	26	4.8	3	0.5	2	0.4	..	..
	Total,	1088	92.6	58	5.3	6	0.5	18	1.6	..	..
Helensburgh,	Boys,	261	99.3	2	0.7	..	..	..	..	..	..
	Girls,	271	97.8	5	1.8	1	0.4	..	..	..	..
	Total,	534	98.5	7	1.3	1	0.2	..	..	1	..
Total,	Boys,	5729	95.0	107	2.0	10	0.3	32	0.9	..	..
	Girls,	3717	97.4	80	2.4	5	0.1	3	0.1	..	..
	Total,	7446	96.7	106	2.6	15	0.2	35	0.5	3	..

Date		Particulars		Debit		Credit		Balance
Day	Month	To	By	Rs.	P.	Rs.	P.	
1	Jan	Balance b/d		100	00			100
2	Jan	By Cash		50	00			150
3	Jan	To Cash			50			100
4	Jan	By Cash		25	00			125
5	Jan	To Cash			25			100
6	Jan	By Cash		75	00			175
7	Jan	To Cash			75			100
8	Jan	By Cash		100	00			200
9	Jan	To Cash			100			100
10	Jan	By Cash		50	00			150
11	Jan	To Cash			50			100
12	Jan	By Cash		100	00			200
13	Jan	To Cash			100			100
14	Jan	By Cash		50	00			150
15	Jan	To Cash			50			100
16	Jan	By Cash		100	00			200
17	Jan	To Cash			100			100
18	Jan	By Cash		50	00			150
19	Jan	To Cash			50			100
20	Jan	By Cash		100	00			200
21	Jan	To Cash			100			100
22	Jan	By Cash		50	00			150
23	Jan	To Cash			50			100
24	Jan	By Cash		100	00			200
25	Jan	To Cash			100			100
26	Jan	By Cash		50	00			150
27	Jan	To Cash			50			100
28	Jan	By Cash		100	00			200
29	Jan	To Cash			100			100
30	Jan	By Cash		50	00			150
31	Jan	To Cash			50			100
		Total		2000	00			2000

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.			CLOTHING.			HEAD.			CLOTHING.		
		Nits.		Vermin.	Nits.		Vermin.	Nits.		Vermin.	Nits.		Vermin.
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	Boys,	1	0.5	..	..	2	1.1	..	..	..	..	..	..
	Girls,	28	19.3	1	0.7	1	0.7	..	..	..	..	..	..
	Total,	29	9.0	1	0.3	3	0.9	1	1	1	1	1	1
Kirkintilloch,	Boys,	3	0.7	..	..	6	1.5	..	..	..	..	..	..
	Girls,	61	15.5	2	0.5	1	0.2	2	0.5	..	..	..	..
	Total,	64	8.1	2	0.2	2	0.2	8	1.0	..	..	..	3
New Kilpatrick,	Boys,	1	0.4	..	..	..	..	..	..	..	..	..	..
	Girls,	20	10.5	..	..	1	0.5	..	..	..	..	..	..
	Total,	21	5.4	..	..	1	0.2	..	..	..	..	..	..
Old Kilpatrick,	Boys,	7	0.5	7	0.5	3	0.2	17	1.2	..	..	..	..
	Girls,	292	19.7	12	0.8	3	0.2	8	0.5	..	..	..	..
	Total,	299	10.1	19	0.6	6	0.2	25	0.8	3	..	2	..
Dumbarton,	Boys,	19	2.7	1	0.1	..	..	23	3.3	..	..	..	..
	Girls,	257	37.5	16	2.3	6	0.8	23	3.3	..	..	..	..
	Total,	276	20.1	17	1.2	6	0.4	46	3.3	8	8	8	3
Vale of Leven,	Boys,	11	1.9	1	0.1	2	0.3	9	1.6	..	..	..	..
	Girls,	189	35.1	6	1.1	4	0.7	6	1.1	..	..	..	..
	Total,	200	18.5	7	0.6	6	0.5	15	1.3	..	12	..	11
Helensburgh,	Boys,	2	0.7	..	..	1	0.3	..	..	..	..	..	..
	Girls,	60	22.2	2	0.7	..	..	2	0.7	..	..	..	..
	Total,	62	11.4	2	0.3	1	0.1	2	0.3	5	2	..	3
Total,	Boys,	44	1.2	9	0.2	7	0.1	57	1.5	..	..	..	..
	Girls,	907	24.5	39	1.0	16	0.4	42	1.1	..	..	..	..
	Total,	951	12.8	48	0.6	23	0.2	99	1.3	17	23	11	21

7.—G. Cleanliness of Head and Body.

(b) Cleanliness.

SCHOOL MANAGEMENT AREA.	No. of Routine Cases examined.	ROUTINE CASES.												NON-ROUTINE.	
		HEAD.				BODY.				HEAD.		BODY.			
		Good.		Medium.		Bad.		Good.		Medium.		Bad.		Bad.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	Boys,	173	96.2	6	3.3	1	0.5	165	91.7	13	7.2	2	1.1	..	..
	Girls,	135	93.1	10	6.9	..	..	132	91.1	12	8.2	1	0.7	..	..
	Total,	308	94.6	16	5.1	1	0.3	297	91.4	25	7.7	3	0.9	1	1
Kirkintilloch,	Boys,	380	96.7	12	3.1	1	0.2	370	94.2	22	5.6	1	0.2	..	..
	Girls,	383	92.8	26	6.4	3	0.8	389	94.4	20	4.9	3	0.7	..	..
	Total,	763	94.8	38	4.7	4	0.5	759	94.3	42	5.2	4	0.5	..	..
New Kilpatrick,	Boys,	207	99.1	2	0.9	..	..	201	96.2	8	3.8	..	..	..	..
	Girls,	185	97.4	5	2.6	..	..	185	97.4	5	2.6	..	..	..	..
	Total,	392	98.3	7	1.7	..	..	386	96.8	13	3.2	..	..	2	2
Old Kilpatrick,	Boys,	1409	97.8	32	2.2	..	..	1373	95.3	66	4.6	2	0.1	..	..
	Girls,	1375	93.1	101	6.8	1	0.1	1410	95.5	65	4.4	2	0.1	..	..
	Total,	2784	95.4	133	4.5	1	0.1	2783	95.4	131	4.5	4	0.1	4	3
Dumbarton,	Boys,	666	96.2	24	3.5	2	0.3	665	96.1	25	3.6	2	0.3	..	..
	Girls,	639	93.3	45	6.6	1	0.1	633	92.5	51	7.4	1	0.1	..	..
	Total,	1305	94.8	69	5.0	3	0.2	1298	94.3	76	5.5	3	0.2	..	..
Vale of Leven,	Boys,	539	97.8	12	2.2	..	..	529	96.0	22	4.0	..	..	..	..
	Girls,	522	97.2	13	2.4	2	0.4	518	96.4	17	3.2	2	0.4	..	..
	Total,	1061	97.5	25	2.3	2	0.2	1047	96.2	39	3.6	2	0.2	3	3
Helensburgh,	Boys,	263	100	..	..	..	..	263	100	..	..	..	..	..	..
	Girls,	271	98.5	4	1.5	..	..	266	98.2	5	1.8	..	..	..	..
	Total,	534	99.2	4	0.8	..	..	529	99.1	5	0.9	..	..	..	..
Total,	Boys,	3729	97.6	88	2.3	4	0.1	3566	95.7	156	4.1	7	0.2	..	..
	Girls,	3717	94.3	204	5.5	7	0.2	3533	95.1	175	4.7	9	0.2	..	..
	Total,	7446	96.0	292	3.9	11	0.1	7099	95.4	331	4.4	16	0.2	10	9

The following table shows at a glance a summary of the above table, *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,	325	34	10.5
Kirkintilloch,	805	76	9.4
New Kilpatrick,	399	22	5.5
Old Kilpatrick,	2918	349	11.9
Dumbarton,	1377	345	24.9
Vale of Leven,	1088	228	20.9
Helensburgh,	534	67	12.5
Total,	7446	1121	14.5

7.—I. Nutrition.

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.	%			
Cumbernauld,	Boys,	9	4.9	164	91.2	7	3.9	..	..	..
	Girls,	6	4.1	135	93.1	3	2.1	1	0.7	..
	Total,	15	4.6	299	92.0	10	3.1	1	0.3	..
Kirkintilloch,	Boys,	19	4.8	364	92.7	10	2.5	..	..	..
	Girls,	30	7.3	368	89.3	14	3.4	..	..	..
	Total,	49	6.1	732	91.0	24	2.9	..	..	..
New Kilpatrick,	Boys,	13	6.2	195	93.3	1	0.5	..	..	..
	Girls,	26	13.6	161	84.8	3	1.6	..	..	..
	Total,	39	9.7	356	89.3	4	1.0	..	1	..
Old Kilpatrick,	Boys,	47	3.3	1303	90.5	89	6.1	2	0.1	..
	Girls,	59	4.0	1306	88.4	107	7.3	5	0.3	..
	Total,	106	3.6	2609	89.5	196	6.7	7	0.2	..
Dumbarton,	Boys,	38	5.5	555	80.4	91	13.0	8	1.1	..
	Girls,	38	5.6	546	79.7	94	13.7	7	1.0	..
	Total,	76	5.5	1101	80.0	185	13.4	15	1.1	1
Vale of Leven,	Boys,	30	5.4	445	80.9	68	12.3	8	1.4	..
	Girls,	19	3.7	437	81.3	76	14.1	5	0.9	..
	Total,	49	4.5	882	81.0	144	13.3	13	1.2	1
Helensburgh,	Boys,	19	7.2	226	85.9	16	6.1	2	0.8	..
	Girls,	9	3.3	239	88.2	23	8.5	..	..	..
	Total,	28	5.2	465	87.1	39	7.3	2	0.4	..
Total,	Boys,	175	4.7	3252	87.2	282	7.6	20	0.5	..
	Girls,	187	5.1	3192	85.8	320	8.6	18	0.5	..
	Total,	362	4.8	6444	86.9	602	7.8	38	0.5	2

1914

1915

1916

1917

1918

1919

1920

1921

1922

1923

1924

1925

1926

1927

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.	
		No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld,	Boys,	68	37.8	91	50.5	21	11.7	2	1.1	..	..	..	..
	Girls,	61	42.0	71	49.0	13	9.0	..	..	..	..	..	..
	Total,	129	39.9	162	49.7	34	10.4	2	0.6	..	..	..	..
Kirkintilloch,	Boys,	149	40.0	184	46.7	60	15.3	8	2.0	..	..	..	..
	Girls,	148	35.9	212	51.4	52	12.7	5	1.2	..	..	..	..
	Total,	405	37.0	396	49.0	112	14.0	13	1.6	..	..	1	..
New Kilpatrick,	Boys,	209	45.5	83	39.7	31	14.8	..	..	..	..	..	..
	Girls,	190	48.4	81	42.6	17	9.0	3	1.6	..	..	..	..
	Total,	399	46.9	164	41.3	48	11.8	3	0.7	..	..	..	..
Old Kilpatrick,	Boys,	1441	36.9	653	45.3	256	17.8	43	3.0	..	..	..	..
	Girls,	1477	38.3	633	42.9	279	18.8	37	2.5	..	..	..	..
	Total,	2918	37.6	1286	44.1	535	18.3	80	2.7	..	..	1	..
Dumbarton,	Boys,	692	37.0	345	49.6	93	13.4	52	7.5	..	..	..	..
	Girls,	685	34.0	362	52.8	91	13.2	53	7.6	..	..	..	..
	Total,	1377	35.5	707	51.2	184	13.3	105	7.5	..	..	18	..
Vale of Leven,	Boys,	551	24.2	315	57.2	103	18.6	17	3.1	..	..	..	..
	Girls,	537	29.1	310	57.7	71	13.2	31	5.8	..	..	..	..
	Total,	1088	26.7	625	57.4	174	15.9	48	4.9	..	..	5	..
Helensburgh,	Boys,	263	35.4	132	50.2	38	14.4	14	5.3	..	..	..	..
	Girls,	271	32.0	138	51.0	46	17.0	24	9.1	..	..	..	..
	Total,	534	33.7	270	50.6	84	15.7	38	7.2	..	..	1	..
Total,	Boys,	3729	35.5	1803	48.5	602	16.0	136	3.6	..	..	..	..
	Girls,	3717	36.1	1807	48.7	569	15.2	153	4.1	..	..	..	..
	Total,	7446	35.8	3610	48.6	1171	15.6	289	3.8	..	..	26	..

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.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld,	325	..	..	1	0.3	..	1	0.3	1	0.3	2	0.6	1
Kirkintilloch,	805	..	..	1	0.1	..	3	0.4	..	..	4	0.5	..
New Kilpatrick,	399	1	0.2	..	..	..	..	..	1	..	1	0.2	1
Old Kilpatrick,	2918	2	0.1	..	45	1.5	3	0.1	1	..	50	1.7	2
Dumbarton,	1377	1	0.1	1	5.2	1	1	0.1	..	..	74	5.3	2
Vale of Leven,	1088	5	0.5	..	51	4.6	1	0.1	3	..	57	5.2	3
Helensburgh,	534	1	0.2	..	27	5.0	..	..	1	..	28	5.2	1
Total,	7446	10	0.1	1	197	2.6	2	0.1	9	0.1	216	2.8	10

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.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld,	325	17	5.3	1	3	0.9	2	0.6	..	..
Kirkintilloch,	805	35	4.3	4	6	0.7	20	2.5	..	..
New Kilpatrick,	399	18	4.5	5	7	1.7	11	2.7	..	..
Old Kilpatrick,	2918	166	5.7	14	135	4.8	105	3.6	..	..
Dumbarton,	1377	114	8.3	9	152	11.0	84	6.1	46	46
Vale of Leven,	1088	90	8.3	13	148	13.6	86	7.9	38	38
Helensburgh,	534	66	12.3	1	73	13.6	34	6.3	13	13
Total,	7446	506	6.7	47	524	6.9	342	4.4	128	97

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.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld,	325	1	0.3	3	2	0.6	2	0.6	..	..
Kirkintilloch,	805	2	0.2	2	10	1.2	14	1.7	2	..
New Kilpatrick,	399	1	0.2	4	5	1.2	10	2.5	..	..
Old Kilpatrick,	2918	15	0.5	17	65	2.2	77	2.6	8	..
Dumbarton,	1377	6	0.4	10	71	5.1	76	5.5	13	..
Vale of Leven,	1088	1	0.1	9	73	6.7	76	6.9	11	..
Helensburgh,	534	1	0.2	1	27	5.0	32	7.5	8	..
Total,	7446	27	0.3	46	253	3.2	287	3.7	42	..

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. No.	%	Non- Routine.	Routine. No.	%	Non- Routine.	Routine. No.	%	Non- Routine.	Routine. No.	%	Non- Routine.	Routine. No.	%	Non- Routine.	Routine. No.	%	Non- Routine.	Routine. No.	%	Non- Routine.	Routine. No.	%	Non- Routine.
Cumbernauld,	325	..	..	3	1	0.3	..	..	..	..	..	..	..	..	..	..	..	..	1	0.3	1	1	0.3	..	..
Kirkintilloch,	805	2	0.2	..	3	0.4	..	..	2	..	1	..	..	..	..	..	..	..	3	0.4	..	5	0.6	..	..
New Kilpatrick, ..	399	1	0.2	1	1	0.2	..	1	0.2	1	..	..	..	..	..	..	..	..	1	0.2	..	3	0.7	..	..
Old Kilpatrick, ..	2918	24	0.8	3	1	0.1	1	3	0.1	..	..	..	..	..	..	..	..	..	16	0.5	1	22	0.7	..	..
Dumbarton,	1377	61	4.4	..	2	0.1	..	8	0.6	11	..	..	..	..	5	..	..	..	14	1.0	..	7	0.5	..	..
Vale of Leven,	1088	39	3.7	1	3	0.3	1	7	0.6	10	..	..	..	8	..	..	..	..	15	1.3	..	3	0.3	..	..
Helensburgh,	534	14	2.6	..	..	..	..	1	0.2	6	..	..	..	3	..	..	..	..	8	1.5	..	1	0.2	..	..
Total,	7446	141	1.9	8	11	0.1	2	20	0.2	30	..	..	12	..	5	..	..	..	58	0.8	2	42	0.5	..	..

7.—L. External Eye Diseases.

SCHOOL MANAGEMENT AREA.	No. of Routine Cases Ex- amin- ed.	Strabismus.		Blepharitis.		Conjunctivitis.		Corneal Opacities.		Other Diseases.	
		Routine.		Routine.		Routine.		Routine.		Routine.	
		No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	Boys,	6	3.3	..	..	..	..	1	0.5	..	..
	Girls,	5	3.4	..	..	..	..	..	..	..	..
	Total,	11	3.4	4	..	..	..	1	0.3	..	..
Kirkintilloch,	Boys,	15	3.8	7	1.7	1	0.2	..	..	..	..
	Girls,	10	2.4	4	0.9	1	0.2	2	0.4	..	..
	Total,	25	3.1	11	1.3	2	0.2	2	0.2	3	..
New Kilpatrick,	Boys,	3	1.4	2	0.9	1	0.4	..	..	..	..
	Girls,	8	4.2	2	1.0	..	..	1	0.5	..	..
	Total,	11	2.8	4	1.0	1	0.2	1	0.2	1	..
Old Kilpatrick,	Boys,	40	2.8	12	0.8	4	0.2	2	0.1	..	..
	Girls,	44	3.0	13	0.8	2	0.1	6	0.4	..	..
	Total,	84	2.9	25	0.8	6	0.2	8	0.3	..	..
Dumbarton,	Boys,	31	4.4	6	0.8	5	0.7	..	..	9	1.2
	Girls,	20	2.9	5	0.7	..	..	5	0.7	1	0.1
	Total,	51	3.7	11	0.7	5	0.3	5	0.3	10	0.7
Vale of Leven,	Boys,	12	2.1	6	1.0	1	0.1	..	..	..	..
	Girls,	18	3.3	3	0.5	5	0.9	..	..	3	0.5
	Total,	30	2.7	9	0.8	6	0.5	6	0.2	3	0.2
Helensburgh,	Boys,	10	3.8	2	0.7	..	..	1	0.3	2	0.7
	Girls,	6	2.2	2	0.7	..	..	..	..	1	0.3
	Total,	16	3.0	4	0.7	..	..	1	0.1	3	0.5
Total,	Boys,	117	3.2	35	0.9	12	0.3	4	0.1	11	0.2
	Girls,	111	3.0	29	0.7	8	0.2	17	0.4	5	0.1
	Total,	228	3.1	64	0.8	20	0.2	21	0.2	16	0.1

TABLE I					SUMMARY OF RESULTS	
Run	Time	Temp.	Pressure	Yield	Product	Notes
1	10	100	10	100	100	
2	15	100	10	100	100	
3	20	100	10	100	100	
4	25	100	10	100	100	
5	30	100	10	100	100	
6	35	100	10	100	100	
7	40	100	10	100	100	
8	45	100	10	100	100	
9	50	100	10	100	100	
10	55	100	10	100	100	
11	60	100	10	100	100	
12	65	100	10	100	100	
13	70	100	10	100	100	
14	75	100	10	100	100	
15	80	100	10	100	100	
16	85	100	10	100	100	
17	90	100	10	100	100	
18	95	100	10	100	100	
19	100	100	10	100	100	
20	105	100	10	100	100	
21	110	100	10	100	100	
22	115	100	10	100	100	
23	120	100	10	100	100	
24	125	100	10	100	100	
25	130	100	10	100	100	
26	135	100	10	100	100	
27	140	100	10	100	100	
28	145	100	10	100	100	
29	150	100	10	100	100	
30	155	100	10	100	100	
31	160	100	10	100	100	
32	165	100	10	100	100	
33	170	100	10	100	100	
34	175	100	10	100	100	
35	180	100	10	100	100	
36	185	100	10	100	100	
37	190	100	10	100	100	
38	195	100	10	100	100	
39	200	100	10	100	100	
40	205	100	10	100	100	
41	210	100	10	100	100	
42	215	100	10	100	100	
43	220	100	10	100	100	
44	225	100	10	100	100	
45	230	100	10	100	100	
46	235	100	10	100	100	
47	240	100	10	100	100	
48	245	100	10	100	100	
49	250	100	10	100	100	
50	255	100	10	100	100	
51	260	100	10	100	100	
52	265	100	10	100	100	
53	270	100	10	100	100	
54	275	100	10	100	100	
55	280	100	10	100	100	
56	285	100	10	100	100	
57	290	100	10	100	100	
58	295	100	10	100	100	
59	300	100	10	100	100	
60	305	100	10	100	100	
61	310	100	10	100	100	
62	315	100	10	100	100	
63	320	100	10	100	100	
64	325	100	10	100	100	
65	330	100	10	100	100	
66	335	100	10	100	100	
67	340	100	10	100	100	
68	345	100	10	100	100	
69	350	100	10	100	100	
70	355	100	10	100	100	
71	360	100	10	100	100	
72	365	100	10	100	100	
73	370	100	10	100	100	
74	375	100	10	100	100	
75	380	100	10	100	100	
76	385	100	10	100	100	
77	390	100	10	100	100	
78	395	100	10	100	100	
79	400	100	10	100	100	
80	405	100	10	100	100	
81	410	100	10	100	100	
82	415	100	10	100	100	
83	420	100	10	100	100	
84	425	100	10	100	100	
85	430	100	10	100	100	
86	435	100	10	100	100	
87	440	100	10	100	100	
88	445	100	10	100	100	
89	450	100	10	100	100	
90	455	100	10	100	100	
91	460	100	10	100	100	
92	465	100	10	100	100	
93	470	100	10	100	100	
94	475	100	10	100	100	
95	480	100	10	100	100	
96	485	100	10	100	100	
97	490	100	10	100	100	
98	495	100	10	100	100	
99	500	100	10	100	100	
100	505	100	10	100	100	

7.—N. Ear Disease.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Otorrhoea.				Wax.				Others.				Total.	
		Routine.		Non- Routine.	No.	Routine.		Non- Routine.	No.	Routine.		Non- Routine.	No.	%	
		No.	%			No.	%			No.	%				
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	325	5	1.5	..	1	0.3	..	..	..	..	..	6	1.9	..
Kirkintilloch,	805	8	1.0	2	2	0.2	..	..	..	..	..	10	1.2	2
New Kilpatrick,	399	3	0.7	1	1	0.2	..	..	..	..	..	4	1.0	1
Old Kilpatrick,	2918	46	1.6	10	8	0.3	6	..	..	..	..	54	1.8	16
Dumbarton,	1377	18	1.3	18	1	0.1	4	..	..	..	..	19	1.4	22
Vale of Leven,	1088	16	1.5	11	3	0.3	5	..	..	..	..	19	1.8	16
Helensburgh,	534	6	1.1	2	2	0.4	..	..	..	..	..	8	1.5	2
Total,	7446	102	1.4	44	18	0.3	15	..	..	..	..	120	1.6	59

Wax is noted only when sufficient to interfere with hearing.

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.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.
Cumbernauld,	325	7	2.1	..	..	..	..	7	2.1	..
Kirkintilloch,	805	10	1.2	3	..	..	1	10	1.2	4
New Kilpatrick,	399	6	1.5	1	..	..	2	6	1.5	3
Old Kilpatrick,	2018	63	2.2	8	..	..	11	63	2.2	19
Dumbarton,	1377	32	2.3	1	2	0.1	7	34	2.4	8
Vale of Leven,	1088	27	2.5	..	..	..	7	27	2.5	7
Helensburgh,	534	8	1.5	..	..	..	1	8	1.5	1
Total,	7446	153	2.0	13	2	0.02	29	155	2.1	42

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.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld,	325	2	0.6	..	2	0.6	..	4	1.2	..
Kirkintilloch,	805	7	0.9	1	3	0.4	..	10	1.2	1
New Kilpatrick,	399	2	0.5	1	2	0.5	..	4	1.0	1
Old Kilpatrick,	2918	13	0.4	6	14	0.5	4	27	0.9	10
Dumbarton,	1377	13	0.9	4	8	0.6	..	21	1.5	4
Vale of Leven,	1088	5	0.5	2	14	1.3	..	19	1.8	2
Helensburgh,	534	3	0.6	..	1	0.2	..	4	0.7	..
Total,	7446	45	0.6	14	44	0.6	4	89	1.2	18

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.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.
Cumbernauld,	325	0.3	1	0.3	..	..	..	..	1	0.3	1
Kirkintilloch,	805	1.9	6	1.9	1	0.1	7	0.1	16	2.0	13
New Kilpatrick,	399	0.2	1	0.2	1	0.2	1	0.2	2	0.5	2
Old Kilpatrick,	2918	1.4	25	1.4	3	0.1	14	0.1	45	1.5	39
Dumbarton,	1377	0.4	5	0.4	..	..	4	..	5	0.4	4
Vale of Leven,	1088	1.0	11	1.0	4	0.4	4	0.4	15	1.4	4
Helensburgh,	534	3.2	17	3.2	2	0.4	..	..	19	3.6	..
Total,	7446	1.2	92	1.2	11	0.1	33	0.1	103	1.3	63

7.—R. Heart and Circulation.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Organic Disease.						Functional Disease.				Total.	
		Congenital.			Acquired.			Routine.		Non-Routine.		Routine.	Non-Routine.
		Routine.	Per Cent.	Non-Routine.	Routine.	Per Cent.	Non-Routine.	No.	Per Cent.				
		No.			No.			No.		No.			
Cumbernauld,	325	1	0.3	..	..	..	1	0.3	..	..	2	0.6	..
Kirkintilloch,	805	..	..	3	0.1	..	..	..	..	..	1	0.1	3
New Kilpatrick,	399	1	0.2	..	1	0.2	..	..	..	..	2	0.5	..
Old Kilpatrick,	2918	2	0.1	1	0.2	3	3	0.1	3	0.4	12	0.4	7
Dumbarton,	1377	1	0.1	..	5	0.4	3	0.2	..	..	9	0.6	1
Vale of Leven,	1088	4	0.4	..	8	0.7	5	0.5	1	1.6	17	1.6	1
Helensburgh,	534	..	..	..	1	0.2	3	0.6	..	..	4	0.7	..
Total,	7446	9	0.1	4	23	0.3	15	0.2	4	47	0.6	12	

7.—S. Lungs.

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.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld,	325	3	0.9	..	2	0.6	..	..	..	..	..	2	0.6	..	7	2.2	..	..
Kirkintilloch,	805	6	0.7	..	8	1.0	..	..	..	..	..	2	0.2	..	16	1.9	..	..
New Kilpatrick,	399	3	0.7	..	1	0.2	..	..	..	..	..	..	..	..	4	1.0	..	..
Old Kilpatrick,	2018	23	0.8	1	10	0.3	1	..	1	..	..	3	0.1	1	36	1.2	4	..
Dumbarton,	1377	28	2.0	2	6	0.4	5	..	1	..	..	4	0.3	..	38	3.0	8	..
Vale of Leven,	1088	33	3.0	5	2	0.2	8	1	0.1	1	..	5	0.5	1	41	3.6	15	..	
Helensburgh,	534	7	1.3	1	..	..	..	..	..	..	..	2	0.4	..	9	1.7	1	..
Total,	7446	103	1.4	9	29	0.3	14	1	0.01	3	..	18	0.2	1	150	2.0	28	..	

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.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	325	..	..	..	..	..	..	..	..	..	..	..	..
Kirkintilloch,	805	..	..	..	..	2	0.2	2	..	2	0.2	2	..
New Kilpatrick, ..	399	1	0.2	..	..	2	0.5	..	..	3	0.7	..	..
Old Kilpatrick, ..	2918	6	0.2	2	0.1	7	0.2	3	0.1	16	0.5	9	..
Dumbarton,	1377	1	0.1	2	0.3	4	0.3	2	0.3	13	0.9	11	..
Vale of Leven,	1088	..	..	5	0.4	4	0.4	2	0.1	9	0.8	18	..
Helensburgh,	534	..	..	..	..	..	..	2	..	..	..	2	..
Total,	7446	8	0.1	9	0.1	19	0.2	11	0.1	7	0.1	43	0.5

7.—V. Rickets.

SCHOOL MANAGEMENT AREA.	Number of Routine Cases Examined.	Slight.		Marked.		Total.					
		Routine.		Routine.		Routine.					
		No.	Per Cent.	No.	Per Cent.	No.	Per Cent.				
Cumbernauld,	325	1	0.3	..	..	1	0.3	..	
Kirkintilloch,	805	1	0.1	1	0.1	2	0.2	4			
New Kilpatrick,	399	0	..	..	..	..	..	..
Old Kilpatrick,	2918	15	0.5	..	0.5	32	1.0	3			
Dumbarton,	1377	3	0.2	..	0.3	7	0.5	4			
Vale of Leven,	1088	2	0.2	..	0.4	6	0.6	1			
Helensburgh,	534	2	0.4	..	..	2	0.4	..	
Total,	7446	24	0.3	1	0.3	26	0.3	11	50	0.6	12

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.	Per Cent.	No.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld,	325	2	0.6	..	..	..	1	2	0.6	1
Kirkintilloch,	805	1	0.1	..	2	0.2	..	3	0.3	..
New Kilpatrick,	399	2	0.5	..	1	0.2	..	3	0.7	..
Old Kilpatrick,	2018	2	0.1	..	5	0.2	..	7	0.2	..
Dumbarton,	1377	1	0.1	1	4	0.3	1	5	0.3	2
Vale of Leven,	1088	3	0.3	..	14	1.2	3	17	1.5	3
Helensburgh,	534	1	0.2	..	..	..	..	1	0.2	..
Total,	7446	12	0.1	1	26	0.3	5	38	0.5	6

7.—X. Infectious or Contagious Diseases.

SCHOOL MANAGEMENT AREA.	No. of Routine Cases Examined.	Whooping-Cough.			Chicken-pox.			Mumps.			Scarlet Fever.			Total.			
		Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	Routine.		Non- Rou- tine.	
		No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Cumbernauld, ..	325	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kirkintilloch, ..	805	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Kilpatrick,	399	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Old Kilpatrick, ..	2918	3	0.1	..	7	0.2	1	..	..	..	..	..	..	10	0.3	1	..
Dumbarton, ..	1377	1	0.1	..	1	0.1	1	2	0.1	..	..	..	..	4	0.3	1	..
Vale of Leven, ..	1088	3	0.3	2	1	0.1	3	..	..	1	..	..	..	4	0.4	7	..
Helensburgh, ..	534	..	..	9	..	..	4	..	..	..	..	..	..	..	..	13	..
Total, ..	7446	7	0.1	11	9	0.1	9	2	0.02	1	..	..	1	18	0.2	22	..

* Doubtful Case

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.	Per Cent.		No.	Per Cent.		No.	Per Cent.	
Cumbernauld,	325	..	..	..	6	1.9	2	6	1.9	2
Kirkintilloch,	805	2	0.2	..	6	0.7	..	8	0.9	..
New Kilpatrick,	399	..	..	..	4	1.0	..	4	1.0	..
Old Kilpatrick,	2918	4	0.1	2	31	1.0	6	35	1.2	8
Dumbarton,	1377	..	..	..	25	1.8	23	25	1.8	23
Vale of Leven,	1088	..	..	..	39	3.6	61	39	3.6	61
Helensburgh,	534	..	..	..	23	3.3	23	23	3.3	23
Total,	7446	6	0.08	2	134	1.8	115	140	1.8	117

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,	325	250	77.5	166	51.4	59	18.3	84	26.0	23	7.1	5	1.5	..	..	4	1.2	..	..	31	9.6
Kirkintilloch,	805	602	74.6	412	51.0	126	15.6	132	16.3	53	6.5	71	8.8	3	0.3	13	1.6	5	0.6	61	7.5
New Kilpatrick,	399	283	70.7	209	52.2	106	26.5	136	34.0	28	7.0	6	1.5	..	..	4	1.0	1	0.2	39	9.7
Old Kilpatrick,	2918	2206	75.6	1733	59.4	893	30.5	613	20.9	211	7.1	75	2.5	5	0.1	33	1.1	10	0.3	231	7.8
Dumbarton,	1377	1103	80.0	835	60.5	412	29.8	336	24.3	118	8.5	30	2.1	..	..	8	0.5	3	0.2	184	13.3
Vale of Leven,	1088	899	82.6	717	65.9	378	34.7	262	24.0	129	11.8	23	2.1	..	..	14	1.2	2	0.1	142	13.0
Helensburgh,	534	327	61.1	359	66.8	186	34.7	82	15.3	30	5.6	25	4.6	1	0.1	6	1.1	1	0.1	56	10.4
Total,	7446	5670	74.7	4431	57.5	2160	28.1	1645	21.7	592	7.7	235	3.0	9	0.4	82	0.9	22	0.2	744	9.6

9.—Arrangements for Physical Education and Personal Hygiene.

A. Physical Exercises. B. Baths. C. Practical Instruction in Hygiene.

A.—65 children were examined specially as to their fitness for physical exercises. Of these 39 were completely exempted, 16 were found fit for modified exercises, while in 10 cases exemption was refused.

B. and C.—There has been no change in regard to these. (See Reports 1914-15, p. 72; 1919-20, p. 41; and 1920-21, p. 38).

In Kirkintilloch, 465 boys and girls used the spray baths, the boys one week and the girls the other, under the supervision of the teachers or janitors.

10.—Feeding of School Children

CUMBERNAULD AREA.—There were no meals supplied during the session.

KIRKINTILLOCH AREA.—(a) ADMINISTRATION; (b) NATURE OF MEALS.—These were the same as last session. See Report 1923-24, p. 37.

(c) NUMBER AND COST OF MEALS.—Number of meals supplied was 976, at a cost of 3½d. each. This sum included all outlays.

NEW KILPATRICK AREA.—The number of meals supplied was 5616, at an average cost of 5d. each.

NATURE OF MEALS.—Soup with bread, and meat and potatoes with peas on alternate days; with milk puddings. The meals were cooked and served by the caretaker, assisted by the teachers.

OLD KILPATRICK AREA.—No meals were supplied during the session.

DUMBARTON AREA.—No meals were supplied during the session.

VALE OF LEVEN AREA.—(a) ADMINISTRATION.—The meals were supplied through a restaurant on six days per week. Number of meals—144.

(b) NATURE OF MEALS.—Breakfast—porridge and milk, roll or bread with butter or jam. Dinner—soup with bread or potatoes on three days; stew or mince on two days, and pudding on one day.

(c) COST OF MEALS.—The average cost per meal was 3d.

HELENSBURGH AREA.—No meals were supplied during the session, as the voluntary fund by which the cost was met in former years was exhausted.

Employment of Children.

Number of Licences applied for and granted under the Employment of Children Act, 1903 :—

	Granted.	Refused.	Total.
Cumbernauld,	2	—	2
Kirkintilloch,	37	20	57
New Kilpatrick,	45	3	48
Old Kilpatrick,	78	14	92
Dumbarton,	87	6	93
Vale of Leven,	42	1	43
Helensburgh,	52	—	52
	—	—	—
Total,	343	44	387
	—	—	—

In several instances the Medical Officers advised that Licences should be withheld till satisfactory reports were received from the Nurses regarding the cleanliness of the applicants, when the employment proposed involved the handling of food.

X.-Ray Treatment of Ringworm.

During the year 37 children were treated for Ringworm of the Scalp by X-Rays at Whitecrook Clinic. Two of these were pupils who had previously received this treatment. These are the only two which were not completely successful out of 59 cases treated since the apparatus was installed.

11.—ARRANGEMENTS FOR MEDICAL TREATMENT.

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.
Cumbernauld, Kirkintilloch,	C. Jeffrey,	477	2796	172	271	48	..	74	307	30
New Kilpatrick, Old Kilpatrick, (Landward)	I. Seath, E. Yule,	231	564	46	259	47	2	18	76	70
Old Kilpatrick, (Clydebank, Elgin Street, Our Holy Redeemer)	S. Dougherty,	552	1460	39	288	45	36	104	281	85
Old Kilpatrick (Radnor Park, Boquharm, Dalmuir, St. Stephen's)	E. Lyle,	399	900	98	285	19	1	90	225	66
Dumbarton,	M. Gilmour,	256	842	62	290	16	..	36	144	60
Vale of Leven, Helensburgh,	C. Clarke,	404	1856	113	335	36	3	45	104	134
	Total,	2319	8418	530	1728	211	42	367	1137	445

Throat, Nose and Ear Clinics.

	Clydebank.			Kirkintilloch.			Dumbarton.			Total.		
	Pre-School	School	Total	Pre-School	School	Total	Pre-School	School	Total	Pre-School	School	Total
	Number of Children examined	294	54	348	95	303	398	27	692	719	81	611	773
Number of Children operated on	247	42	289	62	255	317	19	564	625	61	564	625
Attendances with Ambulance	247	40	287	62	255	317	12	267	616	52	564	616
Home visits for after-care	768	122	890	258	1063	1321	76	2089	2287	198	2089	2287
Nature of Operations—												
Excision of Tonsils and Adenoids	234	34	268	60	243	303	17	537	588	51	537	588
Excision of Tonsils only	2	..	2	..	4	6	..	6	6	..	6	6
Excision of Adenoids only	6	7	13	2	6	8	2	14	23	9	14	23
Others	5	1	6	..	2	7	..	7	8	1	7	8
Causation—												
Discharging Ears	10	..	10	9	57	67	3	76	79	3	76	79
Tonsils much Enlarged	175	27	202	5	126	131	14	306	347	41	306	347
Deafness	31	3	34	1	35	36	3	67	73	6	67	73
Obstructed Breathing and Deafness	18	..	18	14	6	20	1	38	39	1	38	39
Obstructed Breathing	48	18	66	2	88	90	13	138	169	31	138	169
Rhinitis .. ..	..	..	..	1	9	10	..	10	10	..	10	10
Tonsillitis	38	1	39	21	33	54	1	92	94	2	92	94
Enlarged Glands	152	19	171	7	186	193	13	345	377	32	345	377
Bronchitis	2	2	4	1	4	5	..	7	9	2	7	9
Various	35	5	40	1	31	32	..	68	72	5	68	72
Results—												
Progress definite and rapid	247	42	289	53	248	301	19	548	609	61	548	609
Progress retarded .. ..	..	..	..	9	6	15	..	15	15	..	15	15
Still on the books	21	1	22	..	3	24	..	24	25	1	24	25
Sent to Hospital	2	..	2	..	..	..	..	2	2	..	2	2
Died .. ..	..	..	..	..	1	1	..	1	1	..	1	1

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 In- Treat- ment.	Number of Cases requiring Treat- ment.	Actual Number of Cases Treated.		Number of Emer- gency cases treated	Tem- porary.	Per- manent.	Tem- porary.		Per- manent.	Tem- porary.	Per- manent.	Total No. of Extrac- tions.	Local.	General.
				Number of Cases In- Treat- ment.					Number of Cases requiring Treat- ment.					
Cumbernauld (Mr. Martin), ..	862	514	250	..	5	88	1	63	157	393	75	468	406	..
Kirkintilloch (Mr. Martin), ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kirkintilloch (Mr. Wydner), ..	619	619	619	..	41	226	3	31	301	970	224	1194	1145	6
New Kilpatrick (Mr. Martin), ..	933	602	401	..	5	189	4	134	332	395	201	596	541	..
Old Kilpatrick (Mr. Martin), ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Old Kilpatrick (Miss M'Kendrick), ..	6609	4242	1471	534	..	752	..	579	1331	4150	1393	5543	5473	31
Dumbarton (Miss Pugh), ..	1265	1095	507	746	8	559	136	304	1007	1569	371	1940	1120	40
Vale of Leven (Miss Pugh), ..	197	184	128	783	4	323	109	156	592	738	291	1029	617	28
Vale of Leven (Mr. Martin), ..	81	64	9	..	..	19	..	4	23	21	6	27	26	..
Helensburgh (Mr. Martin), ..	1152	876	558	..	10	332	7	275	624	544	248	792	694	1
Total, ..	11718	8196	3943	2063	73	2488	260	1446	4307	8780	2809	11589	10022	106

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.	
Defective Vision treated with Spectacles,	31	31	28	28	6	5	10	11	29	28	23	23	3	4	7	7	47	52	56	50	15	16	11	13	
H.	26	26	31	30	7	8	7	6	22	23	19	23	5	3	9	6	53	50	51	57	14	13	15	16	
M.	10	9	7	8	2	2	2	2	4	4	9	8	..	..	3	4	13	12	25	28	2	3	5	3
M.A.	2	3	11	12	1	1	4	4	3	3	10	9	..	..	2	3	7	8	16	13	1	..	2	3
Mix. A.	5	5	3	2	2	2	..	..	3	3	7	5	..	1	..	1	3	2	2	3	2	2	5	3
Total,	74	74	80	80	18	18	23	23	61	61	68	68	8	8	21	21	123	124	150	151	34	34	38	38	
Defective Vision too slight to benefit from Spectacles, ..	9	9	6	6	..	..	1	1	3	3	7	7	..	..	3	3	22	20	15	15	..	..	2	2
Defective Vision otherwise treated,	8	8	10	10	1	1	1	1	7	7	7	7	..	..	2	2	11	12	22	21	2	2	2	2
Total Number of Children Examined,	91		96		19		25		71		82		8		26		156		187		36		42		
Re-Examinations,			192		14		144		12		68		236		68										

Total Number of Children Examined—839.
Total Number of Spectacles supplied—607.

Ophthalmic Treatment of School Children—Continued.

	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,	4	4	..	1	3	4	..	..	12	7	..	2
Ptosis, .. .. .	..	1	..	..	..	..	..	..	..	..	1	..
Strabismus convergens, ..	27	18	8	6	18	12	4	3	51	38	13	12
Strabismus divergens, ..	..	2	..	..	..	2	..	..	1	2	..	..
Conjunctivitis and Keratitis,	1	9	..	..	6	4	..	1	8	8	1	..
Opacity of Cornea,	7	9	1	4	10	9	1	3	12	15	3	5
Kerato-Iritis,	1	1	..	..	..	..	..	..	..	..	..	..
Synechia posterior, .. .. .	..	..	..	..	..	..	..	1	..	..	..	..
Opacity of Lens, .. .. .	..	..	..	..	..	1	..	1	3	..	..	..
Choroido-Retinitis,	1	2	..	..	..	..	..	1	2	..	..	..
Optic Atrophy,	1	..	1	..	1	..	..	..	..	..	..	..
Coloboma Uvaeæ, .. .. .	..	..	..	..	..	..	..	..	..	1	..	..
Phthisis Bulbi, .. .. .	..	..	..	..	..	..	..	..	1	..	..	..
Nystagmus,	1	1	..	..	..	..	..	..	1	..	..	..

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, Kirkintilloch,	C. Jeffrey,	704	3109	153	356	53	160	37	5	0
New Kilpatrick, Old Kilpatrick, (Landward)	I. Seath, E. Yule,	586	1352	124	470	185	223	62	28	1
Old Kilpatrick, (Clydebank, Elgin Street, Our Holy Redeemer)	S. Dougherty,	428	2816	97	235	75	167	34	12	19
Old Kilpatrick, (Radnor Park, Boquharm, Dalmuir, St. Stephen's)	E. Lyle,	394	1656	91	238	27	133	43	9	8
Dumbarton,	M. Gilmour,	416	860	64	221	146	64	38	3	89
Vale of Leven, Helensburgh,	C. Clarke,	412	1499	180	206	143	148	86	53	16
Total,		2940	11,292	709	1726	629	895	300	110	133

APPENDIX

BEING

PRECIS OF EVIDENCE GIVEN BEFORE

THE

RENT RESTRICTION ACTS

COMMITTEE

IN MARCH, 1924

BY

THE MEDICAL SUPERVISOR

APPENDIX.

I am the Medical Officer of Health for the County of Dumbarton and Medical Supervisor for the Schemes of Medical Inspection and Treatment under the control of the Education Authority of the County of Dumbarton.

The actual work of Inspection is carried out by two Medical Assistants, who report to me.

I now submit to the Rent Restriction Acts Committee the following details regarding the physical welfare of school children in the County of Dumbarton, and more especially in the Burgh of Clydebank.

The figures given are for the years 1920-1924, both inclusive. All these figures are contained in the Annual Reports for these years, which are also submitted.

The ages at which school children are examined are as follows:—

(1) Entrants, by which is meant children between the ages of 5 and 6 years.

(2) At the age of 8 years.

(3) At the age of 12 years.

(4) At the age of 16 years.

(Prior to 1921 the 16 year old group was not inspected.)

It will be convenient to take the figures for Clydebank and compare them with the average for the County as a whole:—

HEIGHTS AND WEIGHTS.

(In inches and Pounds).

ENTRANTS—Age 5-6 Years.

BOYS.							
Year.	Total Examined.	HEIGHTS.			WEIGHTS.		
		Average Height Inches.	Anthropometric Standard.	Clydebank.	Average Weight lbs.	Anthropometric Standard.	Clydebank.
1920	1705	41.7	41.0	40.9	40.9	39.9	40.9
1921	1166	41.7	41.0	39.8	40.3	39.9	39.8
1922	1164	42.1	41.0	42.2	41.2	39.9	42.2
1923	1182	41.6	41.0	41.7	40.8	39.9	40.5
1924	1202	42.0	41.0	41.7	41.1	39.9	40.3

GIRLS

1920	1620	41.6	40.8	41.4	39.7	39.6	40.1
1921	1142	41.4	40.8	41.3	38.9	39.6	38.7
1922	1164	41.2	40.8	41.6	39.1	39.6	39.0
1923	1034	41.6	40.8	41.5	39.7	39.6	39.2
1924	1126	41.6	40.8	41.6	39.8	39.6	39.2

It will be seen from the figures relating to boys that, as far as boys of 5 years of age are concerned, the Clydebank children have been under the average height of the County, but above the anthropometric standard on three occasions, these being the years 1922, 1923, and 1924.

As regards the weights of boys of 5 years of age, although generally speaking the Clydebank children were under the average weight for the County as a whole, they have, with one exception (1921) exceeded the anthropometric standard.

From the table regarding girls of 5 years of age, it will be seen that there was very little difference in height between the Clydebank girls and the average for the County as a whole ; while as regards weight the same applies, although in 1923 and 1924 there is a slight falling off.

The tables of heights and weights for children of 8 years of age are as follows :—

HEIGHTS AND WEIGHTS.
(In Inches and Pounds).
Age 8 Years.

BOYS.							
Year.	Total Examined.	HEIGHTS			WEIGHTS		
		Average Height Inches.	Anthropometric Standard.	Clydebank.	Average Weight lbs.	Anthropometric Standard.	Clydebank.
1920	1291	48·3	49·7	47·9	54·7	60·4	53·2
1921	1810	47·7	47·0	47·3	51·0	54·9	50·9
1922	852	46·9	47·0	47·7	50·7	54·9	51·8
1923	945	48·4	47·0	48·3	54·1	54·9	53·9
1924	1268	48·9	47·0	48·4	56·2	54·9	54·7

GIRLS.

1920	1324	48·3	48·7	47·8	51·4	55·5	51·2
1921	1850	47·9	46·6	47·0	49·5	52·1	48·6
1922	746	48·1	46·6	48·4	50·7	52·1	52·2
1923	926	47·3	46·6	46·0	52·1	52·1	51·4
1924	1280	48·9	46·6	50·6	54·2	52·1	54·3

From the table relating to boys it will be seen that in Clydebank boys of 8 years are very little short of the average height for the whole County, but, generally speaking, and more especially with regard to the last two years, they have been slightly below the average weight for the County.

From the table relating to girls, it will be seen that the figures for girls aged 8 years fluctuate considerably from year to year, but that in 1924 the Clydebank children were not only over the anthropometric standard, but also over the average of the County as a whole.

The following tables refer to children of 12 years of age :—

HEIGHTS AND WEIGHTS. (In inches and pounds).

AGE 12 YEARS.

BOYS.							
Year.	Total Examined.	HEIGHTS.			WEIGHTS.		
		Average Height Inches.	Anthropometric Standard.	Clydebank.	Average Weight lbs.	Anthropometric Standard.	Clydebank.
1920	1601	54.6	54.9	54.7	73.2	76.7	74.3
1921	1270	54.3	54.9	53.9	72.9	76.7	73.6
1922	1347	55.3	54.9	56.0	72.1	76.7	74.8
1923	1271	54.4	54.9	53.9	73.0	76.7	71.5
1924	1323	55.0	54.9	56.7	73.5	76.7	72.6

GIRLS.

1920	1567	54.8	55.7	54.4	72.1	76.4	72.8
1921	1271	54.9	55.7	54.9	71.9	76.4	70.4
1922	1405	55.7	55.7	55.2	74.5	76.4	75.9
1923	1213	55.2	55.7	55.0	73.5	76.4	72.1
1924	1312	55.4	55.7	55.0	74.9	76.4	74.0

The above table shows that Clydebank boys of 12 years have been rather under the average County weight for the last two years, while the County averages are very much under the standard.

It will be seen that for the last two years girls aged 12 years in Clydebank have been under the average County weight.

NUTRITION.

I submit in tabular form figures relating to the nutrition of school children in the Clydebank area during the five years 1920-1924.

It will be noticed that there is no marked falling off in the physical appearance of the children during the last five years, the only figure which might be pointed out is that whereas in 1920 there were no children with very bad physique, there were 6 children in 1924 who showed this condition.

The table is as follows :—

NUTRITION—GLYDEBANK AREA.

Year	Exam-ined	Above average		Average		Below average		Very Bad	
		No.	%	No.	%	No.	%	No.	%
1920	3652	199	5.4	3259	88.9	194	5.3	..	..
1921	3372	153	4.5	2973	88.1	244	7.3	2	.05
1922	2477	117	4.7	2199	88.7	161	6.6	..	..
1923	2786	114	4.1	2452	88.1	216	7.7	4	1
1924	3024	143	4.7	2663	88.1	212	7.0	6	.2

It will be seen that in 1921 children with average physique made up 88.1 of the total, and in 1924 the same figure occurs, and that, indeed, in 1924 there was a slight increase from the previous year in the number of children above the average.

It is not possible to compare these figures with the figures for other industrial areas, such as the Vale of Leven and Dumbarton, because the examination is made by different officials, whose standards of physical fitness must, obviously, differ, there being no fixed standard to guide them.

Both Executive Officers are, however, of opinion that, although not shown actually in the figures, there is a slight tendency to deterioration all over the County.

In the printed Reports submitted, the Nutrition Tables are numbered in each case "7-I."

SUFFICIENCY OF CLOTHING.

Another matter which is associated with the questions before this Committee is the sufficiency of clothing of school children.

Table 7-D. in the printed Reports shows the sufficiency of clothing, etc., amongst the children attending the schools in the County.

Here, again, there is probably a difference in the standards set by the two Inspectors.

In 1920 the children in New Kilpatrick Parish were described as 100% sufficient, in the Clydebank Area the corresponding figure was 99.2%, while 31 children showed only medium sufficiency. The figures for the following years, giving the areas of highest sufficiency as against Clydebank, are as under:—

	No. of Clydebank children insufficiently clad.	
1921, Helensburgh 99.9%	Clydebank 99.8%	7
1922, New Kilpatrick 100%	Clydebank 99.3%	18
1923, Helensburgh 100%	Clydebank 98.8%	30
1924, New Kilpatrick and Cumbernauld 99.7%	Clydebank 99.5%	17

In conjunction with this matter there is the question of repair of clothing. The Medical Officers both consider that there is a distinct deterioration in the repair of clothing; by that I mean that in many instances the clothing has got into such a state as to be difficult of repair. Curiously enough, this appears to be truer as far as Dumbarton and Vale of Leven Areas are concerned than of Clydebank, where the figures do not bear out this statement. This again might well be a question where a personal factor is involved.

These figures are found in table 7-D. in the printed Reports.

RICKETS AND BRONCHITIS.

In connection with diseases which might be caused or accentuated by adverse conditions, I will refer first to Rickets, a disease the manifestations of which are found amongst school children. This disease is really one of malnutrition at a pre-school period, and the following are the figures extracted from the printed Reports :—

Year.	No. of Cases of Rickets in County.	No. of Cases of Rickets in Clydebank Area.
1920,	97	36
1921,	74	36
1922,	32	15
1923,	46	24
1924,	45	18

I think it is fairly obvious from this that the Medical Inspectors are now seeing fewer cases of Rickets than they did in 1920-1921, which does not make one feel that the children have in the past suffered any hardship from the circumstances in the County. Whether in the course of the next few years Rickets will increase, is, of course, purely a matter of conjecture.

The other disease I refer to is Bronchitis. This, I think, has been mentioned previously by another witness. From the printed Reports I find that the following are the particulars of children found to be suffering from Bronchitis :—

Year.	No. Examined.	No. of Cases in County.	No. of Cases in Clydebank Area.
1920,	9108	40	18
1921,	8563	43	22
1922,	6771	35	17
1923,	6736	56	28
1924,	7699	33	10

It will be noticed from this that in point of fact the year 1924 showed a remarkable decrease in the number of cases of Bronchitis, and my Inspectors inform me that lung diseases of all kinds seem now to be less frequent and less severe when compared with previous years.

The figures relating to Rickets will be found in table 7-V. in the printed Reports, and those relating to Bronchitis and other diseases of the lungs on table 7-S.

SUMMARY.

From the foregoing facts I think it may be safely said that there is no marked deterioration of the school children in the Clydebank Area as far as one can ascertain from the record of their heights and weights and illnesses.

As regards nutrition, it is difficult to enter into a comparison between different areas, because there is no really fixed standard, and, therefore, the question becomes one in which the personal factor of the Inspector plays a considerable part. This will more readily be seen by referring to the Nutrition Table (7-I.) in the Annual Reports, where it becomes obvious at once that, working with two Inspectors who have possibly a different standard, the figures cannot reasonably be compared.

As regards illnesses, there is no evidence that the children in Clydebank have suffered from illnesses which might be attributable to economic conditions out of proportion to other areas.

COMPARATIVE WEIGHTS IN POUNDS.

GIRLS, Age 5. Standard, 39·6.	1920.	1921.	1922.	1923.	1924.	Mean.	Mean of Statistics for five years.	
Cumbernauld	38·6	39·3	39·8	40·1	39·1	39·3	New Kilpatrick	41·4
Kirkintilloch	39·4	38·7	38·8	39·7	38·8	39·08	Helensburgh	40·2
New Kilpatrick	40·1	41·5	42·3	41·9	41·3	41·4	Cumbernauld	39·3
Old Kilpatrick	40·1	38·7	39·0	39·2	39·2	39·2	Old Kilpatrick	39·2
Dumbarton	39·9	38·1	38·8	38·3	39·0	39·02	Kirkintilloch	39·08
Vale of Leven	38·5	38·9	38·7	38·8	38·9	38·7	Dumbarton	39·02
Helensburgh	40·0	39·9	39·0	40·7	41·7	40·2	Vale of Leven	38·7
GIRLS, Age 12. Standard, 76·4.								
Cumbernauld	71·0	70·3	74·2	74·9	72·5	72·5	New Kilpatrick	76·8
Kirkintilloch	71·8	73·4	75·1	76·2	73·6	74·05	Helensburgh	75·3
New Kilpatrick	75·7	75·6	75·4	79·6	78·1	76·8	Kirkintilloch	74·0
Old Kilpatrick	72·8	70·4	73·9	74·0	72·1	72·6	Old Kilpatrick	72·6
Dumbarton	70·3	71·5	76·0	70·7	73·8	72·1	Cumbernauld	72·5
Vale of Leven	72·1	70·5	72·3	72·1	73·8	72·1	Dumbarton	72·4
Helensburgh	72·9	76·3	75·5	76·5	75·7	75·3	Vale of Leven	72·1
BOYS, Age 5. Standard, 39·9.								
Cumbernauld	40·3	41·2	41·7	40·0	40·9	40·8	New Kilpatrick	43·4
Kirkintilloch	40·9	39·5	39·3	40·7	40·2	40·1	Helensburgh	42·2
New Kilpatrick	42·3	44·2	43·1	44·8	42·9	43·4	Cumbernauld	40·8
Old Kilpatrick	40·9	39·8	42·2	40·5	40·3	40·7	Old Kilpatrick	40·7
Dumbarton	41·4	39·1	39·1	41·5	40·0	40·2	Vale of Leven	40·3
Vale of Leven	40·0	40·4	40·1	40·1	40·8	40·3	Dumbarton	40·2
Helensburgh	40·9	42·6	41·0	44·2	42·5	42·2	Kirkintilloch	40·1
BOYS, Age 12. Standard, 76·7.								
Cumbernauld	70·0	72·0	70·8	73·3	75·3	72·2	New Kilpatrick	75·2
Kirkintilloch	72·2	74·8	73·4	73·6	75·8	73·9	Kirkintilloch	73·9
New Kilpatrick	72·3	76·4	75·0	73·5	79·2	75·2	Helensburgh	73·5
Old Kilpatrick	74·3	73·6	74·8	71·5	72·6	73·3	Old Kilpatrick	73·3
Dumbarton	73·5	71·6	71·9	71·5	70·8	71·8	Cumbernauld	72·2
Vale of Leven	71·9	70·6	73·5	74·2	67·0	71·4	Dumbarton	71·8
Helensburgh	73·4	71·7	73·1	75·3	74·0	73·5	Vale of Leven	71·4

NUTRITION.

Excerpts from Annual Reports 1923 or 1924.

	Number Examined.	Above Average.	Average.	Below Average.	Very Bad.
		%	%	%	%
Lanarkshire	31,611	97·61		2·2	·12
Stirlingshire	8,910	53·9	43·16	2·92	..
Clackmannanshire ..	1,798	96·0		3·0	·2
Banffshire	3,291	12·31	84·29	3·4	..
Dumbartonshire	7,699	5·7	84·9	8·9	·05
Linlithgowshire	3,283	7·61	80·44	10·87	1·06
Edinburgh	14,634	13·0	71·0	15·0	·4

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