Contributors

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c. 46201') ack'd COUNTY COUNCIL OF DUNBARTON Annual Report on the Medical Inspection of School Children By SAMUEL HARVEY,

M.B., Ch.B., D.P.H., M.R.C.P.(Edin.) County Medical Officer and

Principal School Medical Officer

1969-70 (Year ending 31st July, 1970)



COUNTY COUNCIL OF DUNBARTON



Annual Report on the Medical Inspection of School Children

By SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.R.C.P.(Edin.) County Medical Officer and Principal School Medical Officer

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To the Secretary of State for Scotland and the County Council of the County of Dunbarton

LADIES AND GENTLEMEN,

I beg to submit the Annual Report on the Medical Inspection and Treatment of School Children for the year ended 31st July 1970.

I am, Ladies and Gentlemen,

Your obedient servant,

SAMUEL HARVEY,

County Medical Officer and Principal School Medical Officer.

HEALTH AND WELFARE DEPARTMENT, COUNTY COUNCIL OFFICES, DUMBARTON.



COUNTY COUNCIL OF DUNBARTON

SCHOOL MEDICAL STAFF

Principal School Medical Officer SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.K.C.P.(Edin.)

Depute Principal School Medical Officer IAIN MACLEOD, M.B., Ch.B., D.P.H.

Senior Medical Officer (Mental Health) JAMES G. YOUNG, M.B., Ch.B., D.P.H.

School Medical Officers CHARLES C. SLORACH, M.B., Ch.B., D.P.H. (Part-time) Resigned 31.10.69 AGNES W. B. F. O'GORMAN, L.R.C.P., L.R.C.S.(Edin.), L.R.F.P.S.(Glas.), D.P.H. DAVID B. CAMPBELL, M.B., Ch.B., D.P.H. (Part-time) JOHN T. CUNNINGHAM, M.B., Ch.B., D.P.H. CELIA M. CAMERON, L.R.C.P.(E), L.R.C.S.(E), L.R.F.P. & S.C., D.P.H. MARGARET M. P. JOLLY, M.B., Ch.B., D.C.H. Commenced 29.9.69

> Chief Dental Officer SHEILA S. STEWART, L.D.S., F.R.P.S.(Glas.)

> > Dental Surgeons

MARY W. DINN, L.D.S. Resigned 30.6.70 JAMES H. FERGUSON, L.D.S. JOHN MCFARLANE, B.D.S. ALAN MCLEAN, L.D.S., F.R.P.S.(G) Deceased 5.7.69 NORMA URQUHART, B.D.S. ERIC W. H. HOUGHTON, B.D.S. DOUGLAS J. REID, B.D.S. SUSANNE M. GRANGER, B.D.S. THOS. B. COLE, L.D.S. Commenced 22.9.69 WM. NEILSON, L.D.S. Commenced 13.4.70

Senior Dental Technician JAMES FYFE

Ophthalmic Surgeon WM. WILSON, M.B., Ch.B., F.R.C.S.(Edin.), D.O.(Eng.)

Ear, Nose and Throat Specialist W. GOUDIELOCK HOOD, M.B., Ch.B., F.R.F.P.S.

Anaesthetists H. P. COOPER HARRISON, M.B., Ch.B. WM. AULD, M.B., Ch.B., D.A., F.F.A.R.C.S. ALEX. BOYD, M.B., Ch.B. Physiotherapists Agnes McF. Malcolm Elizabeth M. Y. McNicol Jean S. A. Howatt Margaret S. Blair Superintendent of Nurses Violet M. Bremner, R.G.N., S.C.M., Q.N., H.V. Deputy Superintendent of Nurses Janet Ritchie, R.G.N., S.C.M., Q.N., H.V.

Nursing Staff

KATHERINE S. STEVENSON Resigned 15.11.69 ALICE GEE *CHRISTINA S. L. KING MARGARET CALLANDER Resigned 31.1.70 MARGARET G. MILLER MARY CALLAGHAN CATHERINE M. SCOBIE *R. L. SHAW DOROTHY FROUDE *J. MCLAFFERTY AGNES CLYDESDALE *MARGARET SMITH *SADIE LYTTLE J. I. U. CONDIE JEAN P. MCHAFFIE AGNES M. PATON

HARRIET M. CAMERON CLARA B. ROY FRANCES CAMPBELL ESTHER ADAM Commenced 16.4.70 BARBARA CAFFEL ELIZABETH T. CRAWFORD CATHERINE DEMPSEY EMMA B. SMITH M. MARTIN MARGARET MCLURE DOREEN STOKER *JEAN ANDERSON JEAN HOWIESON ELIZABETH JOHNSON ANNIE J. SUTHERLAND MARY MCK. MACLEOD Commenced 16.9.69 DIANA C. STEWART Commenced 1.11.69

*Employed solely on school medical duties.

Audiometricians THERESA KEITH MARJORY ALBISTON Resigned 29.8.69 ANNE LAIRD PATRICIA R. DOCHERTY Commenced 1.10.69 (Part-time) FINLAYCE MURRAY Commenced 25.2.70

> Orthopist VALERIE GRAINGER Commenced 16.1.70

> > Dental Attendants

MARGARET SAMSON MARJORIE E. P. EWART MARTHA W. KINLOCH MARGARET BOYLE ELIZABETH B. CURRIE LORNA MCARDLE Commenced 29.4.68 KATHERINE STEVENSON Commenced 1.5.70 (Part-time) CATH. M. WALTON A. REDFERN MAIRI MCLETCHIE GLORIA STEWART

Orthopaedic Clinic Attendant MARGARET C. BLACK

> Hygiene Attendants BARBARA STEPHENSON MARION GRAY Clerkesses JANE H. MACLEOD

AGNES CHRICHTON

CHRISTINE ELLIOTT

REPORT

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

NUMBER OF SCHOOLS

School Management Area-

Cumbernauld	 	 	 	15
Kirkintilloch	 	 	 	13
New Kilpatrick	 	 	 	12
Old Kilpatrick	 	 	 	21
Dumbarton	 	 	 	12
Vale of Leven	 	 	 	14
Helensburgh	 	 	 	10
				-
				97

NUMBER OF CHILDREN ON REGISTER DURING SESSION 1969/70

Area		Avera	ge number of pupils
Helensburgh	 	 	3,616
Vale of Leven	 	 	4,502
Dumbarton	 	 	6,668
Old Kilpatrick	 	 	11,730
New Kilpatrick	 	 	5,306
Kirkintilloch	 	 	6,738
Cumbernauld	 	 	7,257
			45,817

NUMBER OF VISITS FOR SYSTEMATIC EXAMINATIONS

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

NUMBER OF SPECIAL VISITS BY MEDICAL OFFICERS

For re-examination of defective children Attendances at school clinics		••			 	8
	1					
					 	142
Attendances for office work, etc					 	63
For inquiry regarding infectious disease	s (incl	luding :	scabies)	 	2
Diphtheria Immunisation					 	81
B.C.G. Vaccination					 	32
Child Welfare Clinics					 	570
Orthopaedic					 	8
Others (ascertainment-deaf children)					 	240

IMPROVEMENTS TO SCHOOLS

REPORT ON SANITARY IMPROVEMENTS TO SCHOOLS WITHIN THE COUNTY FOR THE YEAR ENDING 31st JULY 1970

During the year 1969-70 one additional high school and three additional primary schools have been completed and occupied.

At St. Ninian's High School, Kirkintilloch a 45-classroom extension has been built for the raising of the school leaving age and a similar 43-classroom extension has been completed at St. Columba's Secondary School, Clydebank which includes a cafeteria dining hall. Both of these extensions have all the most up-to-date sanitary appliances which would normally be provided in a new school of similar size.

The old Kilcreggan Primary School has been replaced by a new school with modern inside toilets and ablutions, and also a dining room and kitchen with the most up-to-date equipment which replaces the old H.O.R.S.A. hutted meals premises. Elmwood School for the deaf in Dumbarton, which was also accommodated in old H.O.R.S.A. huts, has been replaced with new premises.

The old Notre Dame High School, now St. Michael's Primary, has had several improvements carried out including the demolition of the old servery and dining hall, and premises of more recent origin converted for that purpose. Muirlands Primary which was a single classroom school with unsanitary outside toilets has been replaced by a new hutted school including modern inside toilets, etc., and the old school has been converted to a dining hall with a new servery, the children there having had previously dined at their desks.

Two classrooms in the old Jamestown Primary School have been made into one and new toilet and ablution facilities have been installed adjoining in order to provide a suite for nursery or pre-school classes.

At Elgin Street and Milngavie Primary Schools surplus accommodation has been used to provide more spacious quarters and additional toilets for the staff. An entirely new staff room with toilets has been built as an extension to Dalmuir Secondary School.

At St. Stephen's Primary School, Dalmuir where the number of toilets was insufficient for the increased roll a temporary hutted suite for boys and girls has been provided to supplement the existing toilets.

In ten school kitchens the earthenware sinks and galvanised iron sterilising sinks have been replaced with integral stainless steel units at a cost of $\pounds4,005$. Also in 16 schools sinks have been fitted in classrooms at a cost of $\pounds6,765$.

The heating systems at 19 schools have been converted to fuels other than solid fuels which if not mandatory now will conform to smoke control orders in the future.

Mechanical ventilation has been provided in toilets in 27 schools where there was no intervening ventilated space between the toilet and an apartment used for office purposes.

Three high schools and 15 other schools have been painted inside and outside at a cost of $\pounds 57,655$.

In addition many other minor miscellaneous sanitary improvements have been carried out in order to maintain all schools in a satisfactory sanitary condition.

GENERAL REVIEW

Routine inspection was carried out on 7,774 children-

The number of children examined non-routinely, i.e., at clinics mainly, was 550.

SCHOOL DENTAL SERVICE

Report by SHEILA S. STEWART, Chief Dental Officer

Owing to staff shortage, due mainly to an insufficient number of dentists in general, we have been unable to carry out the number of routine school dental inspections which we would have liked to do. Dunbartonshire's establishment should be 13 school dental officers and our average number in post during the year was 8.47.

Once a child has been made dentally fit, routine check-ups are necessary to keep that child's mouth in a healthy state.

Dental officers and their surgery assistants carried out a Dental Health Campaign which we hope helped to get this message across.

It is also of great help if each child has 'conversational' dental health talks with the dentist while attending clinics for treatment. This takes no extra time as the dentist can be working while this is going on. At the same time the child, we hope, comes to regard the dentist as a friend and any fears he may have had will be banished forever.

Over the next few years it is to be hoped that more will be done in the field of Preventive Dentistry and that gradually we shall have many more children with 'happy smiles' and healthy mouths.

SPEECH DEPARTMENT ANNUAL REPORT SESSION 1969-70

Report by Miss N. M. MAXWELL, Chief Therapist and in charge of the Departments of Speech Therapy and Speech Training

This has been a period of change and experiment in the approach to oral language ability and development of the personality. The new teachers have been pursuing, for the most part, experimental approaches. Our more experienced staff members have, in addition to class teaching, given valuable help to the post-therapy children, in close liason with the Speech Therapist. The dual service continues to give rewarding results.

We have been vortunate in managing to give some speech therapy service to most of our centres and to continue in the schools formerly supplied. However in a good number of them the allocation of time has had to be reduced to a minimum. It is very difficult in these circumstances to keep waiting lists low. We have been dependent on the return of married speech therapists to the Service, so that more than half of the Staff is on part-time work.

Having lost three of our experienced members to promoted posts in Glasgow, at the end of last session, we were able to replace them with three of the newly qualified speech therapists, who had carried out much of their training in our Centres. We are still very short in the Helensburgh and Balloch areas but we have been fortunate in obtaining the services of Mrs. Todd, an experienced speech therapist from England, to help in that area three sessions per week. This year we lose Mrs. Hill, who assisted in the Clydebank and Bearsden areas, three sessions per week. She resigns now for domestic reasons. We also say goodbye to Mrs. Nicholls, who assisted in the Kirkintilloch area five sessions per week. She is Australian and returns home in the Autumn. We wish them both well, and thank them for their good service. Following advertisements by Glasgow, Lanarkshire, and the hospitals, it is probable that we may lose at least one more of the existing staff.

The Council, having decided to offer another senior post, applications may be forthcoming. So far we have not received any. The County is wide-spread and people of experience are essential.

We have undertaken the clinical training of students from the Schools of Speech Therapy, Jordanhill, as formerly. This year 11 were placed with us, and we hope for the successful results we have had in the past.

The Senior Speech Therapist and I have attended the Hearing Assessment Committee meetings, Mrs. Wilson in the East of the County and myself for all other areas. These meetings have been most helpful in the planning of subsequent treatment, and a special study is being made of the best approach in speech therapy to relieve the difficulties of hard of hearing pre-school children, and children attending our ordinary schools. In addition we have been co-operating with the School for the Deaf, allocating two sessions per week.

In all cases of delayed speech development or defective speech, early referral is important for a successful outcome. The County's Medical Officers and general practitioners have been meticulous in early examination and referral for speech therapy, and we are indebted to the County Medical Officer for continued support and accommodation for our service in Medical Centres and Health Clinics, for pre-school, as well as school children. We are fortunate in having liason with the Specialists attached to the County Medical Service, such as Otologists, Dental Officers, etc., and very valuable reports on home background of children suffering speech difficulty, are available from the Health Visitors. Consultation can also be had with the Honorary Consultant in Speech Therapy, Dr. McAllister.

Consultations with the psychologists and helpful reports are ever available on request. In May the Psychology Staff met with the Speech Therapists in Moss Cottage, at my invitation, and discussion of problems was entered into over coffee.

During the past session talks have been given by me to Organisers of Nursery School Groups, to play-groups, to the Dunbartonshire Infants' Mistresses Association, to students in training for Speech Therapy at Jordanhill and to Speech and Drama students at the Scottish Academy.

In addition to servicing the Medical Centres and Health Clinics, the following schools have had visiting speech therapists: 11 Primary Schools, one full day per week, 29 Primary Schools one half day per week. Senior pupils and adults have been seen at the Regional Centres of Kilbowie and Townhead, and those for special investigation, at Moss Cottage. Certain of our Clinics, such as Bank Street, Alexandria, and Kilbowie Regional School Centre, Clydebank continue to be over-loaded. We have had some assistance at these places from the Speech Therapy students of whom we accepted, as previously noted, 11 in all.

Our policy on the Speech and Drama side, has been to try to progress in oral fluency and language ability, by continuity in the work. The teacher allocated to a Secondary School had at least two days visiting the primary schools which were to feed it. Speech is developmental, and it is the opinion of many experts in the field, that it is rather late to start this work in Secondary Schools, by which time there is the need to cope with emotional instability. Where we have managed to carry out this policy, with our experienced teachers, they have reported progress. As indicated at the beginning our more newly trained staff have been approaching the work somewhat differently, and it is too early to comment on its value or lasting effect.

The Speech Training Staff so much depleted last year owing to G.T.C. Regulations, will suffer further loss this coming session when others may have to go to Jordanhill for periods of training. There are no applications from newly qualified teachers to fill the places so far.

Despite the shortage, our School Children's Travelling Theatre has continued to take programmes to other schools, particularly in the outlying districts of the County, and to the handicapped and deaf children. Several visits were also made in the East of the County this year primarily between Kirkintilloch and Cumbernauld. The items have been prepared in Drama Groups taken by the specialist teacher or in class work with the co-operation of the class teacher and music teachers. They have presented plays, mimes and puppets with considerable success. Performances have also taken place within the schools. This stimulates a general interest in the spoken word, it helps to develop personality and confidence, and is apparently much enjoyed. The culmination of the work in presentation gives satisfaction. In Secondary Schools the material used is closely related to their English Studies. Ten Secondary Schools, 22 Primary Schools and two Special Schools were covered.

An assessment of oral ability was made for all Primary VII children who had a specialist teacher of Speech and Drama, and the results forwarded to the Heads of Secondary Schools to which these will go next session. This information is intended to be helpful to the English Department and to the Specialist Teacher who may be continuing the work.

The combined staff has worked well, and, at its present strength, with considerable achievement and good effect.

Session 1969-70 SPECIAL SCHOOLS AND CLASSES

(a) SPECIAL SCHOOLS

Auchentoshan School, Clydebank

This school caters for mentally handicapped, physically handicapped, and myopic pupils. At the close of Session 1969-70 the numbers of pupils in attendance were: Mentally Handicapped, 176; Physically Handicapped, 17; Myopic, 4.

Auchentoshan Occupational Centre, Clydebank There were 77 pupils on the roll of this centre.

Elmwood School, Dumbarton

There were 14 deaf or partially deaf pupils on the roll of this school.

Glencryan School, Cumbernauld

This school caters for mentally handicapped pupils in the Cumbernauld area. At the close of Session 1969-70 there were 55 pupils on the roll.

Cumbernauld Occupational Centre

There were 23 pupils on the roll of this centre.

(b) SPECIAL CLASSES

Lairdsland Primary School, Kirkintilloch

There were 58 mentally handicapped pupils in the special classes attached to this school.

MILK-IN-SCHOOLS SCHEME

The average number of pupils taking milk in primary schools during Session 1969-70 was 28,914 (approximately 91% of the roll).

ULTRA-VIOLET LIGHT TREATMENT

The following are details of the work done at Dumbarton, Clydebank, Kirkintilloch, Bearsden, Alexandria, Helensburgh, Croy, Milngavie and Goldenhill Clinics during the year.

				s treated			14	
	Total 1	number	r of at	tendances	•••		341	
				No. of		No.		Condition
Cause of R	Reference	e		Patients		Improved		Unchanged
Bronchitis, etc.				2		2		_
Debility				1		1		
Frequent Cold			IS	6		4		2
Bronchial Cat	arrh			1		1		-
Asthma				1		1		
Others				3		2		1
				-				-
	Tota	ls		14		11		3
						-		-

TABLE I

Total number of children examined at:

(a)	Primary Schools— Entrants (5 yrs. of age)			 	Systematic Examinations 4512
	Secondary Schools— Second Age Group (13 yrs. of a Third Age Group (16 yrs. of age			 	2835 427
	To	otal		 	7774
(b)	Other Examinations— Special cases			 	
	Re-inspection by Medical Office	r	• •	 	8
		•• ••		 • •	
	'E' tests (entrants)	•• ••		 	3733
	To	otal		 	3741

TABLE II - DENTAL TREATMENT

							Sc	SCHOOL CHILDREN	CHILDRE	Z					
	Age	5	9	7	8	6	10	11	12	13	14	15	16	17	Total
Routine Dental Inspection		2122	2492	2853	2756	2850	2688	1750	665	281	80	26	8	46	18617
With Dental Defects		1519	1519 1889	1990	2111	2200	1936	1117	398	125	81	27	11	36	13440
Offered Treatment		1458	1530	1645	1808	1856	1632	993	378	125	81	27	11	36	11580
Accepting Treatment		906	1007	1479	1152	1075	1475	578	178	77	81	27	11	18	8064
Treated by S.D.O.*		1031	1031 2096	1011	1792	1580	1881	931	637	524	598	214	101	127	12523
Made Dentally Fit		812	812 1570	875	1069	983	966	594	335	307	324	103	67	69	8104
Special and Emergency Cases First Visits only	ses	292	332	294	369	418	393	289	271	243	366	121	51	48	3487
Treated by S.D.O.* Made Dentally Fit Special and Emergency Ca First Visits only	Ses	1031 812 292	2096 1570 332	1011 875 294	1792 1069 369	983	1881 996 393	931 594 289	637 335 271	524 307 243			366	598 214 1 598 214 1 324 103 366 121	598 214 101 1 324 103 67 1 366 121 51 51

* Includes cases carried forward from previous year and children reporting to clinics on own initiative.

Table III

DETAILS OF TREATMENT

Type of Tre	atment	Routine 1	Emer. 2	Total 1 & 2
Piul	Perm. Teeth	13292	-	13292
Fillings	Temp. Teeth	3689	-	3689
	Perm. Teeth	1557	862	2419
Extractions	Temp. Teeth	2908	701	3609
Administration of Gener Routine + Ortho		1426	196	1622
	Perm. Teeth	4509	304	4813
Other Operations	Temp. Teeth	1853	291	2144
	Partial	50	-	50
Dentures	Full	-	-	-
Repairs to Dentures		2	-	2
Radiographs		122		122

Attendances	School Children 5-17 years	R.	23401
Treatment	School Children 5-17 years	E.	3156

R. = Routine.

 $E_{\cdot} = Emergency_{\cdot}$

TABLE IV

ORTHODONTIC TREATMENT

Number of cases from last year	60
New cases	232
Cases completed	84
Cases discontinued	52
Attendances	2608
Consultations with Consultant Orthodontist	-
Number of Diagnostic Examinations	232
Number of Diagnostic Examinations N.T.O.	42
Treated without Appliance	27
Removable Appliances Fitted	349
Treated Fixed Appliance	
Number of Extractions Permanent	111
Number of Extractions Temporary	144
Repairs	42
Radiographs Intra-Oral	215
Radiographs Extra-Oral	_

TABLE V

AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS

								BOYS	S							
Total Number		Ent	Entrants			Age	e 9			Age	Age 13			Age	e 16	
Examined at all Ages	No. Exam.	Avrg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avrg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avrg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avrg. Age	Hgt. (Ins.)	Wght. (Lbs.)
1969-70	2275	Y. M.	43.21	42.77	1	Y. M.	1	1	1458	Y. M.	60.59	98.81	253	ч. м. 16 7	66.00	129.00
1968-69	2178	1	43.37	42.82	1	1	1	1	1491	1	60.52	99.17	209	16 8	66.75	133.00
1967-68	1391	5 2	42.50	42.25	1	1	1	1	480	13 4	58.00	96.50	1	I	1	1
1966-67	2031	5 5	43.50	43.00		1	1	1	1140	13 6	59.75	94.25	216	16 3	66.75	130.75
1965-66	2015	5 4	43.50	43.00	1	1	1	1	1175	13 6	61.25	102.25	282	16 6	66.50	131.25
1964-65	1928	5 7	44.25	44.75	1	1	1	1	1351	13 4	59.25	95.25	155	16 3	66.50	134.50
1963-64	1695	5 8	43.50	43.50	1	1	1	1	1275	13 4	59.75	95.25	298	16 4	67.50	134.00
1962-63	1609	5 6	43.50	43.25	1	1	1	1	1364	13 3	60.25	96.75	298	16 1	66.00	121.00
1961-62	1578	5 6	43.50	43.25	1385	9 1	51.50	62.50	1281	13 4	59.75	95.75	185	16 3	66.50	127.75
1960-61	1312	5 6	43.75	44.25	1263	9 5	52.25	63.0	1411	13 6	60.25	94.0	178	16 3	66.25	131.00
County Average- Years 1950-51 to 1959-60	13217	5 6	43.6	43.6	12887	9 5	51.7	63.1	10289	13 4	58.5	93.3	1067	16 5	67.0	131.1
County Average- Years 1940-41 to 1949-50	11647	5 5	42.8	43.2	10608	8 11	50.0	57.3	10134	13 4	58.9	88.0	1017	16 4	6.99	127.0
County Average- Years 1930-31 to 1939-40 12495	12495	5 6	44.6	41.8	11767	8 8	49.4	56.5	*7108	13 7	58.9	89.5	1163	16 4	65.6	124.1
County Average- Years 1919-20 to 1929-30 [13238	13238	5 7	42.1	41.2	11863	8 7	48.3	54.3	1	1	1	1	697	16 1	64.3	118.8
																1

* Previous to the session 1930-31, the average of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.

TABLE VI

AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS-Continued

Total Number Age 13 Age 13 Age 13 Age 14 Farmined No. Age (Ins.) Uo.s., Age (Ins.)										GIE	GIRLS							
No. Avg. Hgt. Wot. Avg. Hgt. Wot. Avg. Hgt. No. Avg. Hgt. Avg. Hgt. Avg. Hgt. No. Avg. Hgt. No. Avg. Hgt. No. Avg. Hgt. No. Avg. Hgt. Hgt. No. Avg. Hgt. No. Avg. Hgt. No. Avg. Hgt. Hgt. Hgt.	Total Number			Ent	rants			Ag	e 9			Ag	e 13			Ag	e 16	
$Y.M.$ 42.87 41.44 $ Y.M.$ 60.60 104.12 174 16° 63.00 2087 $ 42.91$ 41.33 $ 1436$ $ 60.67$ 104.06 287 16° 63.00 2087 5 42.50 41.25 $ -$	Examined Examined at All Ag	2 - 2	No. Exam.	Avrg. Age		Wgt. (Lbs.)	No. Exam.	Avrg. Age	Hgt. (Ins.)	Wgt. (Lbs.)	No. Exam.	Avrg. Age	Hgt. (Ins.)	Wgt. (Lbs.)	No. Exam.	Avrg. Age		Wgt. (Lbs.)
2087 — 42.91 41.33 — — 1436 — 1436 — 60.67 104.06 287 16 9 63.00 1242 5 42.50 41.25 — — — 1197 13 58.00 101.00 195 16 4 62.75 2014 5 4 43.00 41.75 — — — 1197 13 56.000 101.00 195 16 6 64.00 1910 5 4 43.00 41.75 — — — 1330 13 5 60.75 100.50 192 6 64.00 1765 5 7 43.55 42.50 — — — 133 60.55 105.50 195 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6			2237	Y. M.	42.87	1.000	L	Y. M.	I	1	1377	Y. M.	60.60		174	Y. M. 16 S		123.00
1242 5 42.50 41.25 718 13 4 58.00 101.00 195 16 4 6.2.75 2014 5 4 43.00 41.75 1197 13 5 60.00 101.00 195 16 6 6.2.75 1910 5 4 43.00 42.00 1330 13 7 61.25 103.75 306 16 6 64.00 1765 5 7 43.25 1330 13 7 61.25 105.30 16 6 64.00 1765 5 7 43.25 1330 13 4 61.00 101.25 65.35 63.75 1501 5 6 43.25 1330 13 4 61.00 101.25 63.55 63.75			2087	1	42.91	41.33	1	1	1	1	1436	1	60.67		287		63.00	119.25
2014 5 4 3.00 41.75 1197 13 60.00 101.00 195 16 4 62.75 1910 5 4 43.00 42.00 1330 13 7 61.25 103.75 306 16 6 64.00 1765 5 7 43.25 1330 13 7 61.25 102.50 16 6 64.00 1608 5 7 43.25 1330 13 4 61.00 101.50 16 5 63.75 1501 5 6 43.25 1330 13 4 61.00 101.20 16 5 63.75 1501 5 6 43.25 1330 13 4 61.00 101.25 16 5 63.7			1242		42.50			I	1	1	718	0	58.00		1	1	1	1
1910 5 4 3.00 42.00 1330 13 7 61.25 103.75 306 16 6 64.00 1765 5 7 43.50 1350 13 5 60.75 100.50 192 16 5 64.07 1608 5 7 43.25 1330 13 5 60.75 100.50 192 16 5 63.75 1501 5 6 43.25 42.05 1330 13 4 61.00 101.25 306 16 5 63.75 1501 5 6 43.25 1330 13 4 61.00 101.25 306 16 2 63.75 1320 5 6 43.25 63.0 1513 13 5 60.3 16 <			2014		43.00	1	1	1	1	1	1197		60.00		195		62.75	120.50
1765 5 7 43.50 43.25 1350 13 5 60.75 100.50 192 16 3 63.75 1608 5 7 43.25 1240 13 3 60.25 101.50 296 16 5 63.75 1501 5 6 43.25 42.05 1298 9 4 51.50 62.50 1234 13 5 60.05 191 16 2 63.75 1501 5 6 43.25 41.50 1298 9 4 51.30 63.0 1513 13 5 60.25 101.25 306 16 2 63.75 1320 5 6 43.25 9 5 51.75 63.0 1513 13 5 60.25 101.50 29.5 63.75 63.75 13212 5 6 4 51.5			1910		43.00		1	1	1	1	1330		61.25	1	306		64.00	119.75
1608 5 7 43.25 42.50 1240 13 60.25 101.50 296 16 5 62.25 1503 5 6 43.25 42.05 1330 13 4 61.00 101.25 306 16 5 63.75 1501 5 6 43.25 42.0 1298 9 4 51.50 62.50 1224 13 5 60.50 191 16 2 63.50 1501 5 6 43.25 41.50 1255 9 5 51.75 63.0 1513 13 3 59.50 97.30 16 2 63.75 13354 5 6 44.4 42.1 12327 9 5 51.75 63.0 13 4 60.3 97.3 1174 16 1 63.1 113354 5 4 42.4 45.4			1765		43.50	1000	1	1	1	1	1350		60.75	100.50	192		63.75	121.50
1505 5 43.25 42.25 1330 13 4 61.00 101.25 306 16 2 63.75 1501 5 6 43.25 42.0 1298 9 4 51.50 62.50 1224 13 5 60.50 101 16 2 63.75 1320 5 6 43.25 9 5 51.75 63.0 1513 13 3 59.50 97.50 16 2 63.75 13354 5 6 44.4 42.1 12327 9 5 51.75 63.0 1513 13 4 60.3 97.3 16 1 63.1 13354 5 6 44.4 42.1 12327 9 5 51.3 4 60.3 97.3 16 1 63.1 13354 5 4 41.4 41.9 162.2 52.1 65.5 13			1608		43.25	1	1	1	1	1	1240		60.25		296		62.25	123.75
1501 5 6 43.25 42.0 1298 9 4 51.50 62.50 1224 13 5 60.50 102.50 191 16 2 63.50 1320 5 6 43.25 9 5 51.75 63.0 1513 13 3 59.50 97.50 165 2 63.50 13354 5 6 44.4 42.1 12327 9 5 51.15 63.2 10556 13 4 60.3 97.3 1174 16 1 63.1 13354 5 6 44.4 42.1 12327 9 5 51.4 60.3 97.3 1174 16 1 63.1 11249 5 2 42.4 41.9 10287 8 1 49.4 55.6 9957 13 4 59.3 94.5 16 4 63.1 11249 5 7 4 59.3 <			1505		43.25		1	1	1	1	1330	0	61.00		306		63.75	121.50
1320 5 43.25 41.50 1255 9 5 51.75 63.0 1513 13 3 59.50 97.50 165 16 2 62.75 13354 5 6 44.4 42.1 12327 9 5 52.1 62.2 10556 13 4 60.3 97.3 1174 16 1 63.1 13354 5 6 44.4 42.1 12327 9 5 52.1 65.2 10556 13 4 60.3 97.3 1174 16 1 63.1 11249 5 2 42.4 41.9 10287 8 1 49.4 55.6 9957 13 4 59.3 93.5 845 16 4 63.1 11249 5 7 23.5 13 4 59.3 93.5 845 16 4 63.1 12132 5 7 42.3 13			1501		43.25	1920	1298		51.50	1000	10.00		60.50	102.			63.50	124.25
13354 5 44.4 42.1 12327 9 5 52.1 62.2 10556 13 4 60.3 97.3 1174 16 1 63.1 113354 5 6 44.4 42.1 12327 9 5 52.1 62.2 10556 13 4 60.3 97.3 1174 16 1 63.1 11249 5 2 42.4 41.9 10287 8 11 49.4 55.6 9957 13 4 59.3 93.5 845 16 4 63.1 12132 5 7 42.3 40.5 8 8 49.0 54.8 *7123 13 5 59.5 94.8 887 16 4 62.8 12132 5 8 49.0 54.8 *7123 13 5 59.5 94.8 887 16 4 62.8 13019 5 8 41.7 <td< td=""><td></td><td></td><td>1320</td><td></td><td>43.25</td><td>1</td><td></td><td></td><td>51.75</td><td>63.0</td><td>1513</td><td></td><td>59.50</td><td></td><td></td><td></td><td>62.75</td><td>119.75</td></td<>			1320		43.25	1			51.75	63.0	1513		59.50				62.75	119.75
11249 5 42.4 41.9 10287 8 11 49.4 55.6 9957 13 4 59.3 93.5 845 16 4 63.1 12132 5 7 42.3 40.5 11645 8 8 49.0 54.8 *7123 13 5 59.5 94.8 887 16 4 62.8 12132 5 7 42.3 40.5 11645 8 8 49.0 54.8 *7123 13 5 59.5 94.8 887 16 4 62.8 13019 5 8 41.7 39.7 11582 8 48.2 52.3 - - 7 - 7 7 16 1 62.2	County Average Years 1950-51 to	1959-60			44.4	42.1	12327		52.1		10556		60.3	97.3	1174		63.1	119.0
12132 5 7 42.3 40.5 11645 8 49.0 54.8 *7123 13 5 59.5 94.8 887 16 4 62.8 13019 5 8 41.7 39.7 11582 8 48.2 52.3 - - 774 16 1 62.2	County Average Years 1940-41 to	0 1949-50	11249		42.4	41.9	10287	12.22	49.4	55.6	9957		59.3	93.5	845		63.1	119.8
5 8 41.7 39.7 11582 8 48.2 52.3 - - 774 16 1 62.2	County Average Years 1930-31 to	0 1939-40			42.3		11645		49.0	54.8	*7123		59.5	94.8	887	1.1.2	62.8	116.7
	County Average Years 1919-20 to	0 1929-30	13019		41.7		11582	1.32	48.2	52.3	1	1	1	1	774		62.2	111.6

* Previous to the session 1930-31, the average age of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.

Table VII

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SCHOOL
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ions	Optician	45	22	21	30	103	35
Sessions	Doctor	42	22	18	27	89	35
Referred	to Orthopist	17	12	7	14	55	15
1.00	Ordered	333	66	47	96	284	81
Attandance	(Total)	620	203	254	280	806	346
Disot Visita	(This Year)	578	169	84	90	749	148
Amointenanto	Given	838	314	290	390	1142	460
	Year 1969-70	Dumbarton (includes Vale of Leven)	Helensburgh	Bearsden, Milngavie (Hillfoot Clinic)	Kirkintilloch	Clydebank	Cumbernauld

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TABLE VIII

RESULTS OF AUDIOMETRIC SURVEY 1969-1970

		Treat-No ment Action	2	67	20	5	21		
or		Treat-	13	29	15	7	9	-	
ferred f	Ulane	Aid	1	1	3	I	2		
Cases Referred for	Cracial	Seat- ing Aid	2	7	1	J	7		
0		E.N.T. Exam	21	138	55	7	62		
		S.M.O.	31	198	79	11	09		
	-	Ш	1	1	1	I	1		
	Grade	IIB	1	1	1		1	939 773 398 392	2502
	G	IIA	7	28	6	1	19	on k och auld	
		I	33	211	96	17	71	Dumbarton Clydebank Kirkintilloch Cumbernauld	Total
	No	Defective Hearing	42	268	111	17	94	Tone Tests—D CI K C	T
	Ne	Normal I Hearing	915	4132	2722	694	650		
	10	No. Tested	957	4400	2833	711	744	No. of Individual Pure	
		No. Listed	1019	4698	2969	1016	782	No. of In	
			:	:	:	:	utwith		
		Age-Oroups Children Examined	63	64 10	0961	3rd year sec	Children born outwith Age-Groups		
		- Prope	1963	1964	19	3rc	0		

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TABLE IX

SPEECH THERAPY AND SPEECH TRAINING

ANNUAL STATISTICS, SESSION 1969-70

Classification of Cases

	Stuttering	Defective Articulation	Retarded Speech	Cleft Palate	Dysphonia	Aphasia Dysphasia	Dysarthria	Total
List A B C	150 12 21	662 90 105	244 15 12	28 	24 3 6	12 	12 1 1	1,132 121 145
		1						1,398

Age Groups

Tint	в.	-5 G.	5- B.	G.	6- B.	G.	7- B.	G.	8 B.	+ G.	9 B.	+ G.	10 B.	+ G.	11 B.	+ G.	12 B,	+ G.	13 B.	+ G.	14 B.	+ G.	15 B.	÷G.
A	81	33	182	72	176	56	109	48	68	28	76	22	53	13	32	13	17	6	11	4	14	3	11	4
в	8	9	22	7	25	8	13	3	6	3	4	5	3	-	3	-	-	2	-	-	-	-	-	-
С	21	11	26	7	12	8	11	6	18	2	12	3	1	1	2	1	1	-	2	-	-	-	-	-

Districts

			List A	List B	List C	Total
Dumbarton	 		 160	_		160
Helensburgh	 		 44	_	10	54
Vale of Leven	 		 73	6	2	81
Old Kilpatrick	 		 295	91	85	471
New Kilpatrick	 		 572	97	97	766
Kirkintilloch	 		 196	3	10	209
Cumbernauld	 		 253	17	37	307
		-	1132	121	145	1398

List A

Number of Cases continued	No. dismissed satisfactor	1	288
next session	Improved to limit		6
617	No co-operation		5.
	Left district		71
	Advice only (List C)		59

Source of Reference

	Schools and/or Psychologists	М.О.	Parents	*Others	Total
List A	685	289	69	89	1132
В	98	19	-	4	121
С	100	21	5	19	145
Total	883	329	74	112	1398

*Others-Referred by Dental Offices, Hospital, Health Visitors and other Therapists.

Referrals by Therapist to M.O. or Referrals by Therapist to Psychological states of the terminal states and te						•••	96 48
Number of Parent Interviews	1,186	Num	ber A	treatm	ents	1	4,450
Audiometric Tests			• •	• •	• •		493
Number of poor speakers referred	to Speech	Training	Teache	r			7
Number transferred after therapy	to Speech T	raining T	eacher				24

List A-Cases actually under treatment

List B—Cases on waiting list List C—Advice and interview only

TABLE X-

Clinic	Result	K	ypho	osis	Lo	ordo	sis		yph ordo		Sc	olio	sis	-	Ches	ut 1-
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Dumbarton	Treatment Completed On Treatment Unsatisfactory due to	11 11	11 11	11 11	11-11	11 11	11 11	11 11	1	1	11-11	11 11	11 11	11 11	1	11
Vale of Leven at Dumbarton	Treatment Completed On Treatment Unsatisfactory due to— (a) Non-attendance (b) Non-co-operative	11 11	1	1	1	11 11	1	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	1
Helensburgh	Treatment Completed On Treatment Unsatisfactory due to— (a) Non-attendance (b) Non-co-operative	11 11	11 11	11 11	11 11	- 1		11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	1 1 1 1
Goldenhill	Treatment Completed On Treatment Unsatisfactory due to— (a) Non-attendance (b) Non-co-operative	11 11	11 11	11 11	11 11	11 11	11-11	11 11	1	1	1.1 . 1.1	11 11	11 11	11 11	11 11	1
Old Kilpatrick	Treatment Completed On Treatment Unsatisfactory due to— (a) Non-attendance (b) Non-co-operative	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	1.1 1.1	11 11	11 11	11 11	1
Auchentoshan	Treatment Completed On Treatment Unsatisfactory due to— (a) Non-attendance (b) Non-co-operative	11 11	11 11	11 11	11 11	11 11	11 11	11 11	1	1	11 11	11 11	11 11	11 11	11 11	1
Kirkintilloch	Treatment Completed On Treatment Unsatisfactory due to (a) Non-attendance (b) Non-co-operative		- 1 - 1	- - - -	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	1
Clydebank	Treatment Completed On Treatment Unsatisfactory due to— (a) Non-attendance (b) Non-co-operative	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	1	1	11 11	11 11	1
Hillfoot	Treatment Completed On Treatment Unsatisfactory due to— (a) Non-attendance (b) Non-co-operative	11 11	11 11	11 11	11 11	11 11	11 11	1	11 11	1	11 11	1	1	11 11	11 11	1
Milngavie	Treatment Completed On Treatment Unsatisfactory due to (a) Non-attendance (b) Non-co-operative	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	11 11	1
Cumbernauld	Treatment Completed On Treatment Unsatisfactory due to— (a) Non-attendance	1.1	1 1	1 1	11	11	11	11	11	111	11	ī	ī	11	11	1

NUMBER OF

Clydebank			 200
Vale of Leven at	Dumb	arton	 292
Kirkintilloch			 379
Old Kilpatrick			
Milngavie			 60
Auchentoshan			 110

Orthopaedic Treatment

			1	DEF	OR	MIT	Y O	RD	DISE	ASE						1							
D	Fee	rm-	Pa &	fant araly Spas araly	sis	A	sth	ma		Bror		MBr	fou eath	th ers		Rheunatis		0	Othe	rs	r	otal	
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
12	3	15	ī	1 1	ī	62	1 3	75	2	-1	3		-			1 1	1 1	ī	1 1	ī	7 8	38	10 16
1 -	1 -	2 -				2 -	1 1	2 -		-							1 1		1 1		3 -	1	4
ī	1	12	11	ī	$\overline{1}$	2	1 1	13		ī	-1			11			11	1 1	1 1	11	13	34	47
3-	2	5 -		-	1 1	ī		ī		-	1-1	1.1					11	1 -		1 -	4	2	6 1
3	4 5	7	-2	1 -	1 2	33	22	55		1 1		1.1		1 1	11	1 1	1 1	12	1 1	12	7 8	7 8	14 16
ī	1 1	ī	11	1 1	1 1	1 -	1.1	1		- 1		-	14		-	11	1 1				1 1	1 1	11
58	38	8 16		1 1	1 1	4	1 2	53	111	1 1	1	1 -	1 1	1	1 1	1.1	11	34	2 1	5 5	14 14	7 11	21 25
	2 -	2 -				1 -	1 1	1 -	1 -		1		1	1	-	1 1		11	1 1	1 1	2 -	3	5 -
1 -	1 1		11	1 1	1 1	1.1	1 1	1 1		1 1	1 1			1.1	1.1	1 1	1 1	11	1-1	11	1-1		
11	1 1		1.1		1 1		1-1	1.1								1 1	1 1	11					
1 -	11	1 -	- 1 - 1	1 1	11		11	11		1 -	1	11	-1	-1	1.1	11	1 1	1 -	-2	1 2	2 -	22	42
	1 1	-	-	1.1	1.1		1 1	1 1		1 1		-		1 1			1 1	11	1 1				
4 9	7	11 19	ī	-1		23	1-1	23		ī	ī	ī	-1	-2	1 - 1	11	1 1	14	1 4	28	7 20	8 18	15 38
-2	1 1	2		1 1		1	2	3 -		1 1			1 1	1.1	11.	1 1	1 1	1.1	1 1	1 1	12	2 1	33
4 4	4 3	87	1 -	1.1	1 -	-4		7	1 -	1.1	1 -	1-1	11	1 1	ī	11	-1	11	32	43	7 9	88	15 17
	ī	-1	11	1.1		11	1 1	1 1		1 1						1 1		11	1 1	1 1		ī	-1
35	5 4	39	-2	1.1	2	-1	-1	1	11	3 -	3 -	1 1	1,1	1 1	1	1.1	1 -	1	1 1	2 1	6 8		17 13
ī	ī	2	1 1	11	1 1		1 1	1 1	-2	11	-2	11	11	1.1	11	11	1 1				3	ī	-4
	1 1		1.1	1 1	11	1.1	11	1 1	2 -	1 1	2 -	1 1	11	1 1	1.1	1 1	1.1	2	2 -	4 -	4	2 -	6 1
	-			-	-	-	-	-								- 1	-						
8	9 4	17 4	4	1 1	4	2	4	6	25	10 2	35	4	-2	4 3		11		5	2	7	48 2	26	74
	-	-	-	-	-	-	-	-	-	1 1			1 1		-		1 1			-	-		-

TREATMENTS GIVEN

Helensburgh	 	 672
Hillfoot	 	 151
Cumbernauld	 	 618
Goldenhill	 	 249
Dumbarton	 	 750

TABLE XI

SPEECH THERAPY-SUMMARY OF STATISTICS, 1969-70

	1	1	1	Discharg	ed	Trans	ferred		
CLINIC or SCHOOL	No. on Roll	Left	Clear- ed		Deferred	In	Out	Ad- mitted	No. on Roll
Aitkenbar	16	5	11	2	-		1	14	11
Abronhill Primary	8	3	4	-	-	-	-	12	13
Auchentoshan Occupational	7	1	17	2	-	-	-	3 13	8
Auchentoshan Special Banks St. Clinic	18	22	13	5		-	1	29	20 22
Bearsden Primary	8	-	Now i	nclude	d in Hillf		8		-
Carbrain Primary	1	1	1	-	-		-	10	15
Carbrain Temporary		-	12	-	-	-	-	14	2
Castlehill School	11 16	2	6	-	-	-	2	5 15	6
Central Health, Tuesdays Central Health, Thursdays	8	-	3	1		-	7	34	31
Clober School	6	_	4	-	_	-	1	4	5
Croy	13	-	10	-		-		6	9
Cumbernauld Village	4	-		nclude	d in Kild			-	
Dalmuir Primary Dalreoch Moss Cott	12	3	8	=	-	-	-	9 8	10
East King Street		1	3	2	_	-	I	16	10
Edinbarnet	6	i	2	-	-	_	2	5	6
Elgin Street Whitecrook Clinic	8	i	4	3	-	-	1	4	3
Elmwood School (for Deaf)	-	-	-	-	-	-	-	5	5
Faifley	7	1	6	-	-	-	1	5 12	5 14
Gavinburn	23	1	6	2		Ξ	18	11	14
Goldenhill School	10	i	9	-	_			9	9
Haldane School	15	1	5	1	-	-	-	4	12
Hartfield Clinic	10	1	2	2		-	2	9	12
Hermitage Clinic	47	-	3		ncluded i St.and H		44 ge Pri	mary	-
Hermitage Primary	-	5	7	1	-	-	-	28	15
Hillfoot Clinic	6	8	9	2	-	-	1	26	12
Hillhead Primary	15	1	12	1	-	-	2	12 10	11 13
Holy Family	21	3	16	3		-	3	19	15
Kildrum Medical Centre	26	3	18	ĩ	_	_	2	17	19
Knoxland School	7	-	10	-	-	-	ī	8	4
Lairdsland	10	1	9	-		-	1	8	8
Langlands	3			d in C	entral He		ntre 3	12	8
Linnvale School Milngavie Clinic	11 7	1	14	_	=	_	3	4	ő
Milngavie Primary	14	i	16	_	_	_	_	17	14
Milton	6	-	-	-	6	-	-	-	-
Moss Cottage	17	-	10	6	-	-	3	20	18
Muirfield	14	1	6	-	-	-	3	12	16 23
O.C. Abronhill	30	3	5		_	_	-	6	6
Oxgang Primary	7	i	9	1	_		-	26	22
St. Andrew's	_	-	2	-	-		-	8	6
St. Eunan's	2	-	-	-	-	-	-	7	9
St. Flannan's	10	2	4	-	-	-	-	15	19 9
St. Joseph's Faifley	12	1	7		-	_	2	4 12	11
St. Kessog's	5	-	3	_	-		-	9	ii
St. Mary's Ravenswood	6		nclude	d in Ce	ntral He	althCe	ntre	-	
St. Mary's Duntocher	-	3	5	-	-		-	15	7 5 11
St. Patrick's Primary	5 8	-	7	1	-	_	1 4	9 13	11
St. Peter's	°6	Nowi		d in Ki	Ibowie	-	6	-	
Sacred Heart	-	_	_	-	-	_	-	6	6
Seafar	13	3	12	-	-	-	-	7	5
Townhead, Tuesdays			2	-	-	-	-	13	11
Townhead, Fridays Twechar	21 5	1	92	1	_	-	7	12 2	18 5
Westerton	-	Ξ	3	-	=	_	=	8	5
Whitecrook	15	2	8	-	-	-	-	ĩ	6
TOTAL	616	72	364	37	6	_	149	629	617
Hospitals									
Vale of Leven Hospital	6	-	3	-	-	-	-	14	17
Joint Hospital Dumbarton	1	-	1	-	-	-	-	6	6
Blawarthill	5		3	-	-	-	-	4	6
TOTAL	12	-	7	-	-	-	-	24	29
				-			-		-

TABLE XII

ORTHOPTIC REPORT

	C'bank	K'tilloch	Dumbarton	Total
Total Attendances	107	69	247	423
Patients referred since July 1969	46	30	147	223
Patients failed to attend Patients referred before July 1969	7	8	52	67
still attending	-	—	_	-
Total Attending	39	22	95	156
Number of patients on treatment Number of patients on observa- tion:	14	5	24	43
(a) before treatment	17	9	33	59
(b) after treatment	5	3	11	19
Treatment not required	2	2	2	6
Refused treatment Referred for operation:	-		-	-
(a) before treatment	-	2	7	9
(b) after treatment	1	1	18	20
	39	22	95	156
Discharged	4	1	6	11
Canaad to attand	3	1	13	16
Referred but not yet seen by	5		15	10
Orthoptist	-	7	33	40

SYSTEMATIC EXAMINATIONS

The following tables are supplied by the Scottish Home and Health Department from information given to them by this Authority on the new record card introduced by the Government. With regard to these tables it should be noted that in some cases the results are expressed as a rate per 100,000 children examined and one therefore has to take this factor into consideration when interpreting the results given in view of the fact that the total average number on the roll of the county schools amounted only to 45,817.

	ENTR	ANTS			LEAV	ERS	
	nber nined		entage Defects		nber nined		entage Defects
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
2,275	2,237	57.67	54.58 Scottish	1,458 Totals	1,377	46.09	42.99
36.952	34.974	56.32	50.91	25,473	25,187	45.97	44.02

NUMBER OF EXAMINATIONS

28

				ENTRAN	NTS					LEAV	VERS		
		No. of Examinatio	Suc	No. with Defects	ith ts	Percentage with Defects	tage	No. of Examinations	of ations	No. with Defects	with ects	Percentage with Defects	itage efects
Local Authority		Boys G	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Aberdeen Burgh	:		271	794	704	59-25	55.39		1		1	1	
Dundee	:	1,418 1,	558	722	745	50.92	47-82	1,377	1,171	698	594	50.69	50-73
gh	•••		,052	2,041	1,736	60.76	56.88	2,511	2,449	1,148	1,029	45.72	42-02
Aberdeen County	•••		160	627	509	53-54	46.40	096	919	357	356	37-19	38.74
Angus	:		146	391	3/1	49.05	49.13	020		177	117	20.05	51.67
Argyll	:	•	142	1 5 2 1	117	01.01	11.60	200 0		617	024	11.00	20.10
Ayr County	:		11/	100,1	1,324	50.7C	40.04	250		LVI	106	20.14	20.75
Banti	:	070	2000	107	120	00.10	10.70	130		141	120	37.41	17.50
berwick	•••		001	20	IV	17.75	12.60	10		48	EV CV	31.02	AQ.43
Bute	:		100	00	141	10.00	70.04	16		67		78.18	17.05
Calthness	:		+67	501	501	74-10	10.00	2000		70		27.00	20.06
Clackmannan	•••		600	101	000	00.00	20.07	000		120		00.75	00.00
Dumfries County	:		500	4/8	430	66.60	02.50	670	100	100		00.00	16.40
Dunbarton	:	·7 C17'7	127	1,312	177.1	10.10	QC.4C	1,400	1/2,1	7/0	760	40.04	66.74
East Lothian	:		004	1 400	020 1	00.10	47.CC	104	110011	607		40.10	100000
File	:		060	1,400	0071	CO.CC	10.04	17111	1,199	210		10.00	10.00
Inverness County	:		(4)	500	4/0	79.11	60.00	621	040	117		CO.74	06.04
Kincardine	:	C07	101	00	110	00.40	70.7C	CCT	101	00			06.04
Nirkcudbright	:		LAD	2 625	000 2	00.00	05.65	4 387	100 1	TUC C	2 055	50.27	48.97
Midlothian	:	1 104 1	154	606	568	57.43	00.00	970	802	394	337	40.62	42-02
Moray and Nairn	:		534	221	186	41.70	34.83	404	391	142	130	35.15	33.25
Orkney	: :		122	82	61	58-99	50.00	98	121	23	31	23-47	25-62
			94	51	40	47.66	42-55	84	75	25	23	29.76	30-67
Perth and Kinross	:		933	490	327	44-79	35.05	822	810	267	280	32-48	34-57
Renfrew	•••		343	2,051	1,658	56.49	49-60	2,383	2,621	1,171	1,298	49.14	49.52
Ross and Cromarty			530	310	286	56.88	53-96	417	426	183	195	43.88	45-77
Roxburgh	•••		271	198	143	60·00	52.77	252	262	120	122	47-62	46.56
Selkirk	:		148	49	39	30.63	26-35	183	174	11	56	38.80	32-18
Stirling County	•••		653	1,151	925	64.27	55-96	1,160	1,130	521	522	44.91	46-19
Sutherland	•••		121	49	57	43.75	47-11	110	56	42	38	10.01	90·04
West Lothian	:	1,042 1,0	013	496	430	47-60	42-45	477	173	236	254	49-48	32-80
Wigtown	:		199	152	131	02.80	65.83	18/	210	17	11	16.15	10.05
Zetland			60	0 0000	100 -	00-01	10.11	. t,	67 104	71 700	200 11	DC.10	47.11
Scotland (excluding Glasgow)		36.932.34.	9/4	1718.07	/.800	76.00	IK-DC	6/ 4.07	101.07	1.1133	11000	The second se	10.tt

SCHOOL HEALTH SERVICE

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TABLE 2

NUMBERS AND RATES OF DEFECTS FOUND PER 100,000 CHILDREN EXAMINED

PROPERTY AND INCOME.	BO		GIR	LS	BO		VERS	LS
Defect	Number	Rate	Number	Rate	Number	Rate	Number	Rate
01 Tuberculosis	_	_	- 1	45	_	_	_	_
02 Molluscum C.	1	44	- 4		-	-		-
03 Verruca	36	1,582		1,788		2,469		3,050
04 Epidermophytosis	2	88		134		892		799
05 Pediculosis	2	88		447		412		1,235
06 Scabies	4	176		447		412	2 9	654
07 Other Infections	3	132		134			- 1	73
08 Neoplasms	9	396		447	6	412		218
11 Diabetes	1	44			1	69	1 1	73
12 Underweight			- 1	45			- 1	73
13 Obesity	4	176	5 12	536	15	1,029	25	1,816
14 Other Endocrine Nutritional		100		00				
Metabolic Disorder	3	132	2 2	89	1	69	1	73
16 Anaemia and Other Blood	-	220		15				
Disorders	5	220		45		000		
18 Speech Disorder	104	4,571		2,682		892		1 017
19 Enuresis, etc.	149	6,549		6,348		1,166		1,017
20 Behaviour Disorder 21 Borderline Mental	30	1,670) 41	1,833	15	1,029	9 14	1,017
Retardation	3	132	2 2	89	17	1 166	5	363
22 Mild Mental Retardation	3	44		09	7	1,166		363
27 Epilepsy	1	44		134		400		363
28 Other Diseases of Nervous	1	44	+ 5	134	1 1	09	2	303
System	1	44	+ 3	134	8	549	0 10	726
29 Inflammatory Conditions of	1	44	+ 3	134	0	242	10	120
Eye	30	1,319	18	805	28	1,920) 19	1,380
30 Refractive Error	60	2,637		2,727		13,169		14,089
31 Strabismus	69	3,033		3,755		2,263		2,033
32 Colour Blindness	5	220		5,155	70	4,801		363
36 Blindness One Eye not	-	220			1 10	4,001		505
specified	1	44	1 1	45	4	274		
37 Other Eye Condition		-	-	89		137		
38 Inflammatory Condition of Ear	29	1,275		760		206		218
41 Deaf Mutism	-	1,270			_	200	Ĩ	73
44 Deafness One Ear		_	- 1	45	5	343	3 2	145
45 Impairment of Hearing, One				10		- 10	-	
or Both Ears	38	1,670) 12	536	11	754	1 9	654
47 Varicosities		-,			2	137		73
48 Organic Disease of Heart							1	
and Blood Vessels	1	44	4 1	45	2	137	7 2	145
49 Asthma	33	1,451		536		2,332		1,162
50 Disease of Tonsils	233	10,242		10,550		2,263		3,631
51 Hay Fever	225	9,890) 171	7,644	71	4,870		1,888
52 Dental Caries	487	21,407	535	23,916	125	8,573	3 111	8,061
53 Other Diseases of Mouth	5	220		536		1,097		654
54 Disease of Digestive System	1	44	+ 2	89		69	- 1	-
55 Hernia	10	440) 9	402		69		
56 Kidney Disease	2	88	3 7	313	1	69) 1	73
57 Diseases of Male Genital					1			
Organs	3	132	2 -	_	-	-		-
58 Diseases of Female Genital					1 24 1 22			
Organs	-			_	-		- 5	363
59 Infection of Skin	13	571		492		69		218
60 Eczema	23	1,011	30	1,341	7	480		363
61 Acne				-	28	1,920) 47	3,413

NUMBERS AND RATES OF DEFECTS FOUND PER 100,000 CHILDREN EXAMINED

Statistics and the	BO		ANTS	LS	BOY		VERS GIR	LS
Defect	Number	Rate	Number	Rate	Number	Rate	Number	Rate
62 Other Diseases of Skin	46	2,022	55	2,459	21	1,440	16	1,162
64 Spinal Curvature	-	_	. 1	45		69		218
65 Pes Planus	27	1,187	22	983	16	1,097	13	944
66 H. Valgus	-	-				_	0	436
67 Other Minor Deformities	16	703		805		137	7	508
68 Other Orthopaedic Conditions	2	88		45		-		_
69 Spina Bifida	2	88	1	45		-		
72 Congenital Anomalies of Eyes	-	-	- 1	45	-		-	
74 Congenital Anomalies of								
Heart	5	220	8	358	2	137	1	73
75 Other Congenital Anomalies								
of Circulatory System	1	44			-			
77 Cleft Palate and Cleft Lips	3	132			1	69	1	73
79 Other Congenital Anomalies								
of Digestive System	1	44				-		
80 Congenital Anomalies of								
Genital Organs	73	3,209			7	480		
81 Congenital Anomalies of								
Urinary System	1	44				-		
82 Congenital Club Foot	8	352	1	45		-	- 1	73
83 Other Congenital Anomalies								
of Limbs System	3	132	2 2	89	-	-	- 1	73
84 Other Congenital Anomalies								
of Muscles and Skeletal								
Systems	6	264	1	45	3	206	i 4	290
85 Congenital Anomalies of								
Skin, Hair and Nails	4	176	5 4	179	1	69	2	145
88 Ill-defined Conditions,								
Swollen Glands	35	1,538	42	1,878	4	274	3	218
89 Ill-defined Conditions	1	44	1	45	-	_	-	
90 Injuries	1	44	- 1	_	-		- 1	73
99				-		_	- 2	145

NUMBERS AND RATES OF DEFECTS FOUND PER 100,000 CHILDREN EXAMINED BY SOCIAL CLASS

TABLE 3

	•			ENTRANTS Social Class				-			LEAVERS Social Class			Other or not	Trail
Deject		1	2	3	4	5 5	Stated	Total	I	7	3	4	0	Stated	lotat
03 Verruca	Rate Boys Rate Girls		4,545	2,586	-	4.286	11	1,762		11	5.357	4,348 6.250		4,167 3.571	1,351 3,817
	No. Boys	1	1	3	1	-	1	4	1		1	1		1	21
	No. Girls	1	1	5	1	5	1	4		1		1		I	~
04 Epidermophytosis	Rate Boys	1	1	862	1	1	1	441	1	1	1,923	1	1	1	676
	Rate Girls	1	1	1	1	1	+	1	33,333		1	1	1		103
	No. Boys	1	I	1	1	1	1	1	1	1	-	1	1	1	
	No. Girls	1	1	1		1	1	1	1	1	-	1			-
05 Pediculosis	Rate Boys		I	ł	4,545	1	1	441	1	1	1	1	1		1
	Rate Girls	1	1	1	1		4,348	885	1	1	1,786	1	1	1	763
	No. Boys	1	1	1	1	1	1	1	1	1		1	1		1
	No. Girls	1	1	I	1	1	2	2	1	1			1	1	-
06 Scabies	Rate Boys	1	1	1	1	1	1	1	1	1		1	6,250	1	1,351
	Rate Girls	1	I	1	1	1	1	1	1			1	1		763
	No. Boys	1	1	1	1	1	1	Ι		1		1	1	1	1
	No. Girls	1	1	1	1	1	1	1	1	1		1	1		-
07 Other Infections	Rate Boys	1	1	1	1	1	1	1		1		1	1	1	I
	Rate Girls	1	I	820	1	1	1	442	ł	1		1	1	1	1
	No. Boys	1	1	1	1	1	1	1	1	1		1	1	1	1
	No. Girls		I	1	1	1	1	I		1		1	1	1	ļ
08 Neoplasms	Rate Boys	1	1	1	1	1	1	1	1	1		1	1	1	1
	Rate Girls		1	1	1	1	2,174	442	1	1		1	1	1	/02
	No. Boys	1	1	1	1	1	1	1	1	1	1	I	1	1	1.
	No. Girls	1	1	1	1	1	1	1	1	1	1	1	1	1	-
11 Diabetes	Rate Boys	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Rate Girls	1	1	1	1	1	1	T	1	1	1,786	1	1	1	103
	No. Boys	1	1	1	1	1	1	1	1	1	1	1	1	1	1.
	No. Girls	1	I	1	1	1	1	1	1	1	I	1	1	1	
13 Obesity	Rate Boys	1	I	1	1	1	1	1	1	I	3,846	1	1	4,167	2,021
	Rate Girls	1	1	1	1	1	1	1	1	7,692	1,786	1	1	1.	170'1
	No. Boys	1	1	I	1	1	1	1	1	1.	2	1	1	1	0.0
	No. Girls	1	1	-	1	1	1	T	-	1	1	1	1	1	7

rine Nutritional Disorder der							Uther							Othow	
Nutritional order		1	2 Soci	Social Class 3	4	5 50		Total	-	2 500	Social Class 3	55 4	S	or not Stated	Total
	Rate Boys Rate Girls	11	11	11		11	3,125	441	11	11	11		11	LI	
	No. Boys	1	1	1	L	1	1	1	1	1	1	1	1	1	1
	Rate Bovs	7.143	13.636	6.034			11	4 846	11	11	11		6 750	1	-10
	Rate Girls			5,738	6,667	1	8,696	5,310		1					0/0
	No. Girls	- 1	2	- 1	1-	11	1	10	1	1	1	1	1	1	1
19 Enuresis, etc. Rat	Rate Boys	7,143	4,545		160'6	4,762	6,250	6,608		3,571		4,348	11	11	1,351
No	No Rove	1-	-	4	00000	1,429	10,8/0	1,965		1-	1	-	1	1	1
	No. Girls	-	-	10	100	- 0	150	181		- 1		- 1			11
20 Behaviour Disorder Rat	Rate Boys	1	4,545		1	1	3,125	1,762	20,000	1	1,923	1	1	1	1,351
Kat	Kate Girls	1	1-	2,459	6,667	1	2,174	2,212	1-		1.	-	1	3,571	763
NON	No. Girls		-	44		11		4 v	-		T			1-	2-
ntal	Rate Boys	1	1	1	1	1	•	1		3.571				-	676
Retardation Rat	Rate Girls	1	1	1	1	1	1	1	1	-			1	1	3
No	No. Boys	1	1	1	1	1	1	Ι	1	1	1	1	1	1	1
Wild Wanted Barndadian	No. Girls	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 Mild Mental Ketardation Kat	Kate Boys	1	1	1	1	1	1	I		1	1	1	6,250	4,167	1,351
No	No Dove	1	1	1	1	1	1	1		1	1	ŀ	1.	3,571	763
NI	No. Giele	1	1	1	1	1	1	1			1	1	-		2.
27 Enilency Rat	Rate Rove		1		1	1	1	1	1	1	1		1	1	T
fedanda	Date Girls	-	1			1	1-		1	1	1	1		1	100
No	No Rove		1		1		1	1	1	1	1	1	0,001		/03
ON	No. Girls								1	1		1	1-	1	1-
29 Inflammatory Condition of Rat	te Boys	1	1	862	1	4.762	1	881		10.714	1 923	4 348	-		3 378
	Rate Girls	1	1	1	1	1	2.174	442	1	7.692	1.786	6.250		1	2.290
No	No. Boys	1	1	I	1	1	1	2	1	3	1	1	1	1	2
	No. GITIS			1	1	1	I	1	-	1	1	I		1	3
30 Kelractive Error Rat	Rate Boys	1	9,091	3,448	- 467	4,762	3,125	3,524	20,000	7,143	3,846	17,391	12,500	8,333	8,784
NO	Rove		10		100%0	-	1-	000	-	110,02	14,200	000740	13,333	14,280	15,/40
NON	No. Girls	1			- 1	-	-	00	-	14	100	t	10	V	18

$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			_	ENJ	ENTRANT	S			-		TE	LEAVERS				
Hay Fever, other Diseases Rate Boys 7,143 9,091 7,759 13,656 7,143 0,667 7,143 0,577 1,013	Defect		1		ial Clas.		5	or not Stated	Total	1		cial Clas.		5	Or not Stated	Total
Dental Caries Ray Girls Ray Girls No. Boys No. Boys 1 1 1,365 3,333 23,579 27,869 33,333 5,571 36,967 5,937 30,068 3,333 1 6 1,538 6 31,333 25,539 6 1 6 1,538 6 1 6 1,538 6 1 6 1,538 6 1 7 1 3 33,33 25,539 5 1 8,533 1,553 23,539 27,869 23,739 33,333 25,573 25,883 26 1,639 7 1 2 1 1 2 1 2 <	10000	Rate Boys Rate Girls No. Boys	7,143 8,333 1	9,091 2	7,759 8,197 9	13,636 6,667	23,810 7,143 5	15,625 10,870 5	11,013 7,965 25	111	3,571	1,923 1,786	4,348 6,250	111	111	2,027 1,527
Other Diseases of Mouth Rate Boys Rate Girls $ -$		No. Girls Rate Boys Rate Girls No. Boys	8,333		23,276 27,869 27	1 40,909 53,333 9	33,333 28,571	25,000 36,957	23,789 30,088 54	1111	1111	11,538 8,929 6	8,696 12,500	6,250 13,333	8,333 7,143	7,432 8,397 11
Hernia Rate Girls 1,639 885 1,786 Kidney Disease No. Girls		No. Girls Rate Boys Rate Girls No. Boys	-	5,882	34	∞	4	1 1 1	68 1,327			1,786	4,348 	6,667	8,333 2	2,027 1,527
Kidney DiseaseKidney DiseaseKidney DiseaseRate BoysNo. Girls $-$ No. Boys $-$ No. Girls $-$ No. Boys $-$ No. Girls $-$ </td <td></td> <td>No. Girls Rate Boys Rate Girls No. Boys No. Girls</td> <td> </td> <td>- </td> <td>1,639</td> <td> </td> <td> </td> <td> </td> <td>885</td> <td> </td> <td> </td> <td>- </td> <td> </td> <td>- </td> <td>11111</td> <td>4111</td>		No. Girls Rate Boys Rate Girls No. Boys No. Girls		-	1,639				885			-		-	11111	4111
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Rate Boys Rate Girls No. Boys	111	111	820			111	442		111	1,786	111	111	111	763
Infection of Skin Rate Boys Rate Girls		Rate Boys Rate Girls No. Boys			862				441			-				-
Eczema Eczema Eczema Rate Girls $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$	59 Infection of Skin	Rate Boys Rate Girls No. Boys				4,545	4,762		881							
Acne Rate Boys		Rate Boys Rate Girls No. Boys			862 820 1			2,174	441 885 1		3,571				3,571	676
Other Diseases of Skin Rate Boys $-11,765$ 820 $6,667$ $-8,696$ $3,540$ $-3,540$ $-3,571$ $3,571$ $3,571$ $-3,571$ No. Boys -2 1 1 1 -2 1 1 -4 8 -2 -2 -2 -2 -2 -2 -2 -2		Rate Boys Rate Girls No. Boys		1111			1111	- 1 1 1	•		1111	5,357	4,348	6,667		3,053
	62 Other Diseases of Skin	Rate Boys Rate Girls No. Boys No. Girls		11,765	820	6,667	11111	8,696	3,540	11111	1111	3,571 2	4,348	6,250	3,571	2,2900

TABLE 3-Continued

			ENTRA	RANTS	S					LE	LEAVERS				
Defect		-	2 Soci	Social Class 3	s 4	5	Orner or not Stated	Total	1	2 Soc	Social Class	4	5	Other or not Stated	Total
31 Strabismus	Rate Boys Rate Girls No. Boys	111	9,091	3,448 820 4	4,545 6,667	7,143	2,174	3,084 1,770	20,000	7,143	1,786	111	6,250	4,167 10,714	3,378 3,053
32 Colour Blindness	No. Girls Rate Boys Rate Girls No. Boys	1111	1111		-111	-	-	4			3,846 	21,739		- m	4,730
36 Blindness not Specified	No. Girls Rate Boys Rate Girls No. Boys		1111	862 	1111	1111		141	1111	1111	1111				
37 Other Eye Condition	No. Girls Rate Boys Rate Girls No. Boys		1111		6,667	1111	1111	1 442			1111	1111			
38 Inflammatory Condition of Ear	No. Girls Rate Boys Rate Girls No. Boys	+	1111	820	-	1111	2,174	885			1111	1111	6,667	1111	763
	No. Girls Rate Boys Rate Girls No. Boys No. Girls			1,724 	6,667 			881 881 2442 1	11111	11111	1,923 3,571 1 2	1111		4,167	1,351 1,527 2,22 2
48 Organic Disease of Heart or Blood Vessels49 Asthma	Rate Boys Rate Girls No. Boys No. Girls Rate Boys				4.545	1111		441	1111		1,786 1.923	4 348		11111	763
50 Disease of Tonsils	Rate Girls No. Boys No. Girls Rate Boys Rate Girls No. Boys No. Girls	7,143	9,091 5,882 1	820 	4,545 20,000 3	33,333 14,286 7 2	2,174 	885 1 1 10,177 23 10,177 23	111111	7,692 4 3,571 1 	5,357 1 1,923 1,923	-	12,500 2	3,571 	3,817 3,817 3,378 3,053 3,053 4

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	Defect		1		ial Class				Total	1		ial Class			or not Stated	Total
Pres Planus (Flat Foot)No. Bios No. Gris No. Boys No. Boys 	64 Spinal Curvature	Rate Boys	11	11	11	11		11		11			11	11	3.571	763
Res Planus (Flat Foot) No. Gifs Rate Boys Rate Grits		No. Boys		1	1	1	1	1	1	1	1	1	1		-	3
Fes Plants (Flat Foot)Rate Boys Rate Boys $=$ 8/24,5454,7621,322 $=$ $=$ $1,933$ $=$ $=$ Other Minor DeformitiesNo. Boys No. BoysNo. Boys No. Boys $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ <td></td> <td>No. Girls</td> <td> </td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>I</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td>		No. Girls		1	1	1	1	1	I	1	1	1	1	1	1	1
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	65 Pes Planus (Flat Foot)	Rate Boys	1	1	862	4,545	4,762		1,322	1	1	1,923	1	1	1	676
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Congenital Anomalies of Skin, Hair and Nails No. Girls $ -$		No. Boys	1	-	1	1	1	1	1	1	1	!	1	1	1	1
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Ill-defined Conditions No. Girls - - 4,310 - - 2,203 20,000 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <td></td> <td>No. Boys</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>T</td> <td>1</td> <td>1</td> <td>I</td> <td>1</td> <td>1</td> <td>1</td> <td>-</td>		No. Boys	1	1	1	1	1	1	T	1	1	I	1	1	1	-
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TABLE 4

VUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY EDUCATION AUTHORITY AREA AND SCOTLAND

				ENTRANTS	ANTS					LEAVERS	/ERS		
			BOYS			GIRLS			BOYS			GIRLS	
Local Authority		Number	Height (ins.)	Weight (lbs.)									
Aberdeen Burgh	:	1.340	43.39	43.82	1.271	43-01	42.24	1	1	1			
Dundee		1.418	42.79	42.34	1.558	42.41	41.04	1.377	60·83	98-98	1.171	60-83	
Edinburgh		3.359	42.97	42.62	3.052	42.73	41.72	2.511	60.89	17.86	2.449	60.88	
Aberdeen County		1.171	43-65	43-96	1.097	43.21	43-06	960	63.49	112-92	919	61-83	113-47
Angus		800	43.76	44.24	746	43.51	43-04	638	60.89	101-32	565	66-09	
Argvil		384	44.44	44.63	397	44.01	44.26	354	61-45	10-66	339	61-34	
Avr County		2.925	43.53	43.73	2.711	43-15	42.41	2.083	16.09	100.43	2.228	61.00	
Banff		326	43-15	43-32	300	42.76	42.21	358	60.65	99.80	332	60.61	
Berwick		154	42.90	42.84	156	42.42	41-48	139	61.16	102-71	144	61-17	
Bute		92	42-37	42.20	94	42.45	41-46	16	61.13	100.29	87	61-25	
Caithness		296	43-54	43-97	294	43.24	42-52	220	61-47	102.88	204	61-06	
Clackmannan		356	42.96	42.29	359	42.84	41-77	300	60-08	96.47	289	59-96	
Dumfries County	:	683	44.00	43.47	663	43.72	42.42	629	11.09	98.36	584	60.63	
Dunbarton		2.275	43.21	42-77	2.237	42.87	41-44	1,458	60-59	98·81	1.377	60.60	
East Lothian		482	43.28	43-41	458	43.13	42.36	461	61-00	101.32	371	61-19	
Fife		2,712	43.10	42.77	2,590	42.54	41.19	1,121	61-20	66.86	1,199	60-88	
Inverness County		011	43.36	43.58	745	43.23	42.60	629	61-26	102-49	648	61-21	
Kincardine		205	44·00	44·70	223	43-52	43.29	153	60-07	16.76	161	60.63	103-61
Kirkcudbright		118	44-19	44.77	101	43-41	43.06	-	1	1	1	1	
Lanark		6,120	43-65	43-06	5,742	43.26	41.92	4,382	60.63	96.33	4,201	60-72	102-62
Midlothian	•••	1,194	44.09	44-01	1,154	43-80	42.79	970	61-36	101-33	802	61.12	105-29
Moray and Nairn		530	43-07	43.10	534	42.68	41.69	404	61.30	100.38	391	61-08	105.60
Orkney		139	44-75	46.12	122	44-07	44-32	98	61.78	109-42	121	60-92	109-54
Peebles	:-	107	44·08	43.57	94	43.81	43.86	84	61.71	101-79	75	61-43	102.39
Perth and Kinross		1,094	43-41	43.39	933	42.97	42-08	822	61-37	89.66	810	61.58	107-36
Renfrew	••••	3,631	43-10	42.38	3,343	42.75	41.18	2,383	60·12	6.94	2,621	60-46	102-47
Ross and Cromarty		545	43-50	44.22	530	43.32	43-51	417	61-45	105.78	426	61-24	108-70
Roxburgh		330	42.76	41.70	271	42.13	40-23	252	60.92	96.96	262	61-30	106-75
Selkirk		160	42-97	41.94	148	42.26	40-14	183	60-57	96.42	174	60.77	102-71
Stirling County		1,791	43.88	44-52	1,653	43.69	43-52	1,160	61-23	101-19	1,130	61-47	108-42
Sutherland	•••	112	43-26	44-01	121	43.16	42.50	110	60-63	100-63	95	60.92	104.35
West Lothian	:	1,042	42-74	42.09	1,013	42.57	41-06	477	60·44	98.86	773	60·74	104-95
Wigtown	:	231	43-94	43.74	199	43.50	42.15	187	60.94	95.73	210	61-25	101-60
Zetland	:	09	46.37	47-93	65	45.52	46.78	32	62·84	116.44	29	62-86	117-79
Scotland (excluding Glasgow)		36,952	43.39	43.19	34,974	43-04	42-00	25,473	60.94	99.52	25,187	60-92	104-88

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NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY SOCIAL CLASS—SCOTLAND (excluding Glasgow)

TABLE 5

YEAR 1969

			ENTRANTS	ANTS					LEA	LEAVERS		
		BOYS			GIRLS			BOYS			GIRLS	
Social Class	Number	Height 1 (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)
1	178	43:84	44-13	178	43.69	43.27	11	61.83	100.85	81	61.57	102.47
2	407	43.96	43.90	369	43.60	43.21	305	61.63	101.88	281	61.78	110-06
3	1.880	43.39	43-09	1.773	43-11	42.02	1.192	60.78	98.86	1,181	60-93	104-15
4	573	43.22	43-23	539	42.98	41.98	461	60.86	99.50	467	60-55	104-44
5	374	42.86	42.45	397	42.46	40.74	318	60.12	95.22	297	60.12	102-1
Other or not stated	345	42.91	42.34	339	42.56	41.17	248	60.32	96.31	261	60.17	102-27
Total	3.757	43-35	43-12	3,595	43-05	41.98	2,595	60.80	98.70	2,568	60.80	104-37

TABLE 5

NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY SOCIAL CLASS-DUNBARTON

BOYSGIRLSSocial ClassMeightWeightWeightWeightSocial ClassNumberHeightWeightWeightMeightWeightNumber11443:5042:641244:5044:3344:3322243:0642:641244:5044:3342:653111643:0842:3312242:9441:5842242:5942:141542:8740:7352142:5742:811441:0037:9352142:5740:224642:7040:9653242:5640:224642:7040:96	CININIT			TTT	LEAVENS		
Height lins.) Weight lins.) Height l	GIRLS		B	BOYS		GIRLS	
14 43·50 42·64 12 44·50 22 43·36 43·09 17 44·50 22 43·36 43·09 17 43·35 22 43·08 42·14 12 44·50 22 43·08 42·14 15 42·94 21 42·57 42·14 15 42·81 21 42·57 42·81 14 41·00 32 42·56 40·22 46 42·70	Number	Weight (lbs.)	Number (i	Height Weight (ins.) (lbs.)	ut Number	Height (ins.)	Weight (lbs.)
22 43·36 43·09 17 43·35 116 43·08 42·33 122 42·94 22 42·59 42·14 15 42·94 21 42·57 42·14 15 42·81 32 42·56 40·22 46 42·70	12	44.33				58-67	84-00
116 43.08 42.33 122 42.94 22 42.59 42.14 15 42.87 21 42.57 42.81 15 42.87 32 42.56 40.22 46 42.70	17	42.65	28 6(0.96 96.54	4 13	61.31	106-08
22 42.59 42.14 15 42.87 21 42.57 42.81 14 41.00 32 42.56 40.22 46 42.70	122	41-58				60-20	101-84
21 42.57 42.81 14 41.00 32 42.56 40.22 46 42.70	15	40.73		-		60-31	97-25
32 42.56 40.22 46 42.70	14	37-93		58-13 87-31		60.67	103-60
32 42.56 40.22 46 42.70							
	46 42	40-96	-	59-96 99-46	6 28	59.86	102-75
227 42.96 42.15 226 42.88	226 42	41.40	148 55			60-27	101-69

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YEAR 1969

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YEAR 1969 VUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY NUMBER IN FAMILY-SCOTLAND (excluding Glasgow) TABLE 6

			ENTRANTS	SLNN					LEAVERS	ERS		
		BOYS			GIRLS			BOYS			GIRLS	
No. in Family	Number	Height (ins.)	Weight (lbs.)									
1	2,776	43-75	43.96	2,667	43.44	43.04	1,802	1	105-71	1,746	61.39	109-11
2	12,776	43.67	43.68	12,152	43.35	42.62	6,475		102-79	6,162	61.38	107-53
3	10,328	43-44	43.28	9,727	43.03	41-96	6,333		86.66	6,135	61-11	105-48
4	5.653	43.12	42.68	5,367	42.81	41-44	4,511		98.14	4,444	60·84	104-23
5	2,645	42.76	42.13	2.520	42.46	40.74	2,687		95.75	2,755	60.45	102-03
9	1,381	42.80	42.00	1.261	42.31	40.58	1,602	60.27	95.34	1,696	60.23	101-01
7	667	42.49	41.70	648	42.27	40.60	934		94-45	1,018	60-11	101-10
8	339	42.73	42.05	324	42.15	40-38	513		94.15	587	59.94	101.31
6	190	42.38	41.28	142	41.69	39.85	290		92.59	310	59-82	98.16
10	103	42.04	41.14	86	42·10	40.31	157		91.76	172	59.72	97-80
11	51	42.16	41.12	41	41.93	39.44	80		88.20	84	59.68	98.44
12	24	43-04	41.75	21	42.38	42-00	43		93.19	49	60-08	100.45
13	10	42.70	41-30	80	42.13	40-00	29		90-59	19	59-32	99-11
14	6	42-00	40.67	00	42.13	39.88	10		89.90	2	59-29	91-43
15	4	42.75	45.50	2	41.50	39.50	3		100-33	5	58-50	90-50
16	2	41.00	35.00		1		4		89.50	1	63-00	114.00
17			1	1	1	1	1	1	1	1	62-00	93.00

YEAR 1969

SCHOOL HEALTH SERVICE

NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY NUMBER IN FAMILY-DUNBARTON

ENTRANTS	GIRLS	Weight Height Wei (lbs.) Number (ins.) (lb	137 43·37	770 43.21	42.89	341 42.48	173 42.37	99 42.33	39 42.54	19 42.37	10 40.50	10 41.50	3 40.33		1 40.00		-
	GIRLS			-		-	-	-	-	-	-	-	-	-	-		
RLS		Weight (lbs.)	42.87	42.21	41.43	40.55	40.30	39-97	39.82	40.26	39.80	38.80	39-67	1	33-00	1	
		Number	79	363	336	279	166	96	50	30	18	15	4	1	1	1	
	BOYS	Height (ins.)	61.82	61.54	60.70	60.22	59-96	59.50	59-38	59-73	57-94	58-13	58-25	60·00	55.00	59-00	
LEA		Weight (lbs.)	106-24	103-56	98-92	96-75	94-59	93-86	92.88	97-63	90.17	87-60	90.50	108-00	76-00	82-00	
LEAVERS		Number	85	319	339	244	164	86	74	31	18	8	3	5	1	1	-
	GIRLS	Height (ins.)	61-48	61.06	60.81	60-61	60-02	59-93	59.68	59.65	59-44	59.50	61-00	59-40	56-00	1	-
		Weight (lbs.)	111-16	106-02	103-98	105-89	100.37	100.70	100-07	100-26	99-94	91-25	112-00	86-60	80-00	1	1

TABLE 6



