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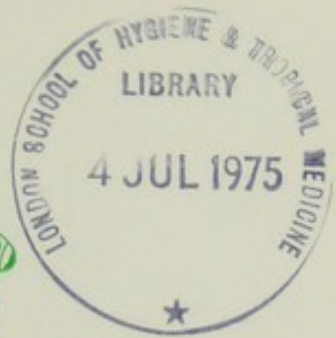


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COUNTY COUNCIL OF DUNBARTON

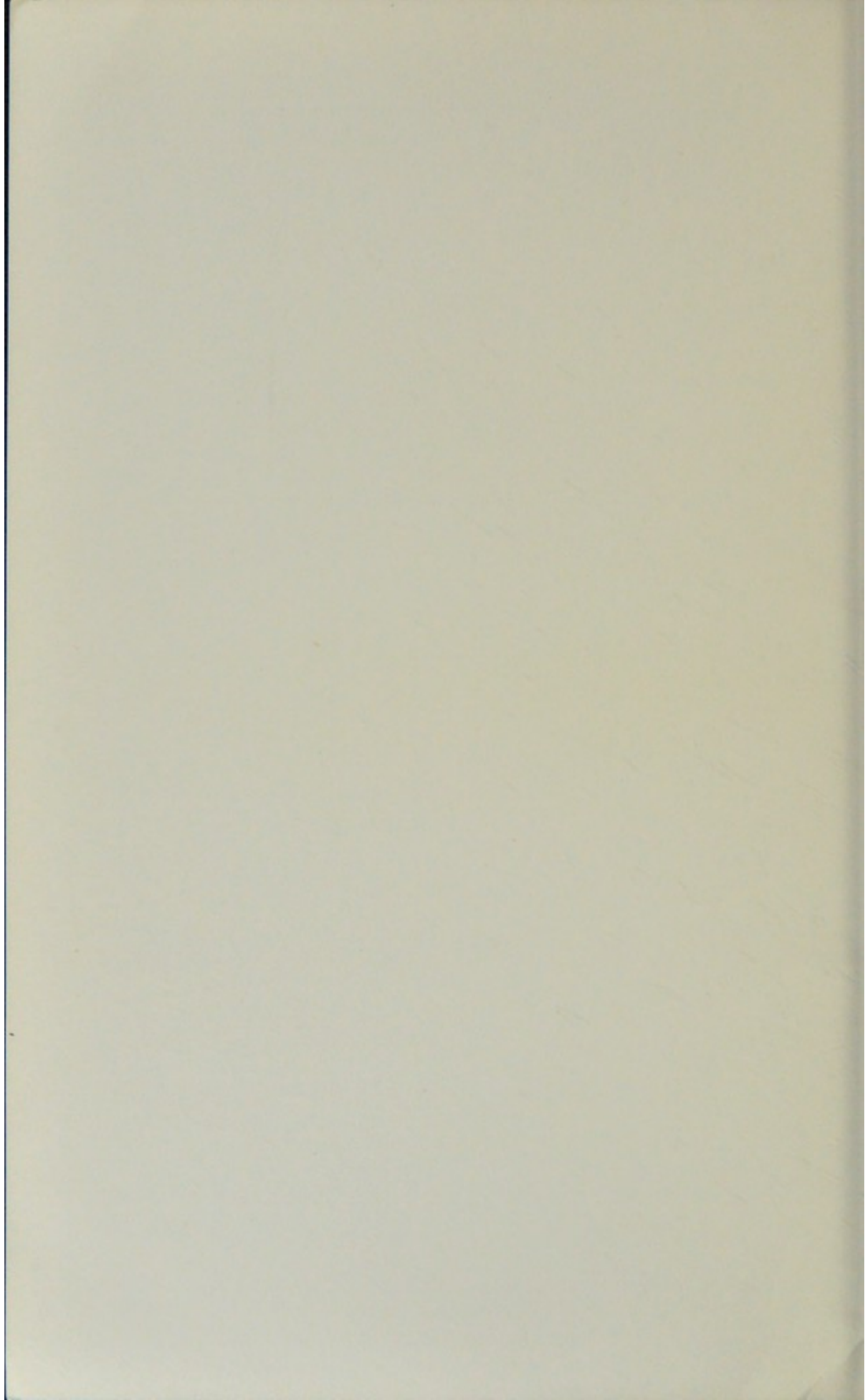


Annual Report  
on the  
Medical Inspection of  
School Children

By IAIN MACLEOD,  
M.B., Ch.B., D.P.H.  
*County Medical Officer and  
Principal School Medical Officer*

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1970-71  
(Year ending 31st July, 1971)



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COUNTY COUNCIL OF DUMBARTON

HEALTH AND WELFARE DEPARTMENT

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DUMBARTON

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DUMBARTON

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

HEALTH AND WELFARE DEPARTMENT

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DUMBARTON

HEALTH AND WELFARE DEPARTMENT

HEALTH AND WELFARE DEPARTMENT

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 1971.

I am, Ladies and Gentlemen,

Your obedient servant,

IAIN MACLEOD,

*County Medical Officer and  
Principal School Medical Officer.*

HEALTH AND WELFARE DEPARTMENT,  
COUNTY COUNCIL OFFICES,  
DUMBARTON.

To the Honorable of the Board of Health and the County Council of the  
County of Washington

Dear Sirs:

I beg to submit the Annual Report on the Medical Inspection and  
Treatment of School Children for the year ended 31st July 1911.

I am, Ladies and Gentlemen,

Your obedient servant,

J. H. MACLEOD,

County Medical Officer and

Principal School Medical Officer.

Health and Welfare Department,  
County Council Office,  
Dunedin.

# COUNTY COUNCIL OF DUNBARTON

## SCHOOL MEDICAL STAFF

SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)  
Retired 28.5.71

*Principal School Medical Officer*  
IAIN MACLEOD, M.B., Ch.B., D.P.H.  
From 29.5.71

*Depute Medical Officer*  
JAMES G. YOUNG, M.B., Ch.B., D.P.H.

*Senior Medical Officer*  
JOHN T. CUNNINGHAM, M.B., Ch.B., D.P.H.  
From 29.5.71

*Assistant Senior Medical Officer*  
AGNES W. B. F. O'GORMAN, L.R.C.P., L.R.C.S.(Edin.), L.R.F.P.S.(Glas.),  
D.P.H. From 29.5.71

*School Medical Officers*  
DAVID B. CAMPBELL, M.B., Ch.B., D.P.H. (Part time)  
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.  
ELLEN M. MACINTYRE, L.R.C.P. & S.(Glas. & Edin.), D.P.H.  
Commenced 28.12.70  
SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)  
Commenced 31.5.71 (Part-time)

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

*Dental Surgeons*  
JAMES H. FERGUSON, L.D.S., R.F.P.S.(G.)    ERIC W. H. HOUGHTON, B.D.S.  
JOHN McFARLANE, B.D.S.    DOUGLAS J. REID, B.D.S.  
NORMA URQUHART, B.D.S.    SUSANNE M. GRANGER, B.D.S.  
JOHN L. H. BLACK, B.D.S.    THOS. B. COLE, L.D.S., R.F.P.S.(G.)  
Commenced 1.9.70    WM. NEILSON, L.D.S., R.F.P.S.(G.)  
GORDON M. CAMPBELL, L.D.S.    MARGARET J. CAMPBELL, B.D.S.  
Commenced 31.5.71    Commenced 16.11.70

*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 Deceased 13.5.71  
ELIZABETH M. Y. McNICOL  
JEAN S. 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*

ALICE GEE	ESTHER ADAM
*CHRISTINA S. L. KING	BARBARA CAFFEL
MARGARET G. MILLER	ELIZABETH T. CRAWFORD
Retired 4.2.71	CATHERINE DEMPSEY
MARY CALLAGHAN	EMMA B. SMITH
CATHERINE M. SCOBIE	M. MARTIN
*R. L. SHAW	MARGARET McLURE
DOROTHY FROUDE	DOREEN STOKER
J. McLAFFERTY	*JEAN ANDERSON
AGNES CLYDESDALE	Resigned 15.7.71
*MARGARET SMITH	JEAN HOWIESON
*SADIE LYTTLE	ELIZABETH JOHNSON
J. I. U. CONDIE	ANNIE J. SUTHERLAND
JEAN P. MCHAFFIE	Resigned 15.9.70
AGNES M. PATON	MARY MCK. MACLEOD
HAZEL MACLEOD	DIANA C. STEWART
Commenced 29.8.70	HELEN SUNTER
JEAN R. STEEL	Commenced 1.3.71
Commenced 1.9.70	BARBARA MACKAY
HILARY STEWART	Commenced 14.9.70
Commenced 7.9.70	MARY T. KELLY
HARRIET M. CAMERON	Commenced 1.10.70
CLARA B. ROY	*MARY SMITH
FRANCES CAMPBELL	Commenced 14.1.71

\*Employed solely on school medical duties.

*Audiometricians*

THERESA KEITH  
ANNE LAIRD  
PATRICIA R. DOCHERTY (Part-time)  
FINLAYCE MURRAY Resigned 30.6.71

*Orthopist*

VALERIE GRAINGER

*Dental Attendants*

MARGARET SAMSON  
MARJORIE E. P. EWART  
MARTHA W. KINLOCH  
MARGARET BOYLE  
ELIZABETH B. CURRIE  
LORNA McARDLE

KATHERINE STEVENSON  
(Part-time)  
CATH. M. WALTON  
A. REDFERN  
MAIRI McLETCHIE  
GLORIA STEWART

*Orthopaedic Clinic Attendant*

MARGARET C. BLACK

*Hygiene Attendants*

BARBARA STEPHENSON  
MARION GRAY

*Clerkesses*

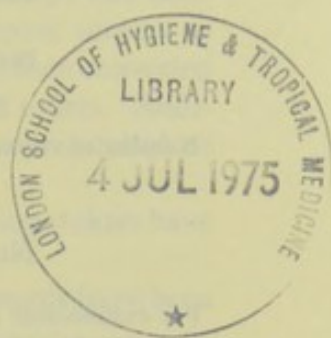
JANE H. MACLEOD

AGNES CRICHTON

CHRISTINE ELLIS







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

NUMBER OF SCHOOLS

*School Management Area—*

Cumbernauld .. .. .	18
Kirkintilloch .. .. .	14
New Kilpatrick .. .. .	12
Old Kilpatrick .. .. .	21
Dumbarton .. .. .	11
Vale of Leven .. .. .	14
Helensburgh .. .. .	10
	100

NUMBER OF CHILDREN ON REGISTER—SESSION 1970/71

Helensburgh .. .. .	3,696
Vale of Leven .. .. .	4,675
Dumbarton .. .. .	6,714
Old Kilpatrick .. .. .	11,762
New Kilpatrick .. .. .	5,620
Kirkintilloch .. .. .	7,022
Cumbernauld .. .. .	8,044
	47,533



## NUMBER OF VISITS FOR SYSTEMATIC EXAMINATIONS

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

Number of visits as above .. .. . 437

## NUMBER OF SPECIAL VISITS BY MEDICAL OFFICERS

For examination of backward, mentally or physically defective children ..	91
For re-examination of defective children .. .. .	12
Attendances at school clinics .. .. .	151
Attendances for office work, etc. .. .. .	116
For inquiry regarding infectious diseases (including scabies) .. .. .	12
Diphtheria Immunisation .. .. .	39
B.C.G. Vaccination .. .. .	30
Rubella Vaccination .. .. .	8
Child Welfare Clinics .. .. .	598
Orthopaedic Clinics .. .. .	49
Audiology Sessions .. .. .	249
Others .. .. .	92
	1,447

## IMPROVEMENTS TO SCHOOLS

### REPORT ON SANITARY IMPROVEMENTS TO SCHOOLS WITHIN THE COUNTY FOR THE YEAR ENDING JULY 31, 1971

Due to the opening of the new Kirkintilloch High School the former Townhead Secondary School has been converted for primary use. This involved considerable alterations including the provision of new inside toilets and the upgrading of the water installation to conform with the new water board bye-laws.

New hutted toilet accommodation for both boys and girls has been provided at Jamestown, St. Mary's (Alexandria), Knoxland, Milton, Our Holy Redeemer's, Bearsden, Milngavie and Lenzie Primary Schools and the old outside toilets demolished. The old disused toilets which were replaced in former years with new suites have also been demolished at six schools other than those mentioned above.

At Knoxland Primary School a new hutted dining hall and servery has been erected to replace the outmoded accommodation which was on the top floor of the main building and constituted a danger should fire occur.

Additional hutted classrooms have been provided at John Logie Baird, St. Mary's (Alexandria), St. Kessog's and Bonhill Primary Schools all of which include toilet and ablution facilities.

At Kilbowie Primary School the staffroom accommodation has been increased and additional staff toilets provided. A classroom surplus to requirements at St. Mary's Primary School (Duntocher) has been converted to a staffroom and the existing staffroom converted to staff toilets. Additional toilets for the lady members of the staff have been installed at Bearsden Academy.

To conform to the Smoke Control Act three central heating stokers have been modified at Linnvale Primary School.

In eight schools the earthenware sinks and wood drip boards have been replaced by integral stainless steel units.

Three high schools and thirteen primary schools have been completely painted inside and outside at a cost of £63,000.

Many other minor improvements have been carried out as and when necessary in order to maintain a sanitary standard as high as possible.

#### GENERAL REVIEW

Routine inspection was carried out on 9,235 children—

The number of children examined non-routinely, i.e., at clinics mainly, was 812.

#### SPEECH DEPARTMENT ANNUAL REPORT SESSION 1970-71

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

In last year's report I referred to the changes taking place in the methods of developing language ability and oral communication. The training of specialist teachers of speech and drama is being directed mainly, it would seem, towards the requirements of secondary education. The Speech and Drama staff serving our County are working for the most part in secondary schools. This has considerably deprived the speech service of the liaison with the speech therapist, which proved to be so rewarding in the primary school stages of speech difficulty and development. Speech therapists have never been plentiful and the co-operation with the teacher of speech training, who was well equipped to give extra practice



in the use of the newly acquired skill following speech therapy, did much to curtail what would, in many cases, have been lengthy rehabilitation periods with the speech therapist. The procedure was followed up, where necessary, into the secondary school. The primary schools are now so depleted in teachers of speech and drama that much has been sacrificed in this way.

At the opening of the current session, in addition to the two speech therapists who left our service in June and September, we had to part with the following: Miss Paton, who took a post in the Dental Hospital; Mrs. Carter and Mrs. Parker, who served in the Cumbernauld area, both left for domestic reasons, and Mrs. Todd left the Helensburgh district to return to her home in the south. We thank them for their services to the County. We therefore started this year five therapists short and the sixth left in November. The situation was eased by the appointment of Mrs. Kerr, a part-time therapist on the staff, to a senior full-time post. In January, we were fortunate in obtaining the services of a newly qualified therapist, Miss Townsend, to assist mainly in the Clydebank area, and Mrs. Horne came to us in March to fill the vacancy in the Helensburgh district. In April, Mr. Letham, a speech therapist of many years' experience, was appointed to a senior post, and filled the vacancies in the Balloch and district area, also giving some assistance to the depleted part in the east of the County. We hope to welcome one of our own students, whose final year of clinical training was undertaken within our own clinics, when she qualifies in July.

More and more do we appreciate the close liaison with our Medical Officers, health visitors and other specialists in the allied services. We experienced a particular sense of loss in parting with our Chief Medical Officer, Dr. S. Harvey, who retired in May. He has been a valuable guide, mentor and friend to the speech therapy service over many years. We record our appreciation and thanks, and wish him well in the future. We welcome with satisfaction and pleasure Dr. Macleod, who has been appointed to the post. Several combined meetings of speech therapists and psychologists were arranged to mutual advantage. Consultations with our Honorary Consultant have been available when necessary.

Lectures and talks on speech development in children have been given to teachers, play-group supervisors, and those in charge of nursery schools, by myself and Mrs. Wilson, a senior speech therapist in the east of the County. Mrs. Kerr, senior speech therapist in the Clydebank area, provided an evening session of advice to parents, when they attended a meeting in Auchentoshan Special School. I have undertaken two other lectures, one to students in the Scottish Academy, and one to students of speech therapy at Jordanhill.

As formerly we have accepted students for clinical training within the



County's school, health and hospital clinics, fifteen in all. One final year student was examined for her diploma in the Central Health Centre in Cumbernauld.

The Hearing Assessment Committee has continued to hold regular meetings and these have been attended by myself for the Dumbarton area, and by Mrs. Wilson for the Kirkintilloch area.

Speech is developmental and there are periods of 'best readiness' for the use of the spoken word during the early years. Reports from the teachers of speech and drama in the secondary schools confirm that those pupils who have had speech training in the primary school are much more able to cope with oral work. My scheme whereby the specialist teacher working in a secondary school should spend two days in each week with the top primary classes in schools which serve it, was approved by the H.M.I. about two years ago. We have very few teachers carrying out this scheme, as the policy is now to appoint them to one secondary school.

We lost three teachers of speech and drama in September, viz., Mr. M. Clarke, who took up a post in Dundee on September 30 last year; Miss McKean who went abroad, and Mrs. Thompson, who went to Jordanhill College for one year of further training. We expect to have her rejoin the County service in the autumn. In August, Mr. Kennedy was appointed to Clydebank High School, and Mr. Ramage came to Douglas Academy in May. We expect to have Mr. Morston at Greenfaulds High School at the beginning of the new session. This means that at this time we have had during the past session speech and drama specialists in eight secondary schools, and in eight primary schools, seven of the latter being visited once weekly and one twice weekly. Hermitage Academy, which was visited once weekly, will not for the present be serviced. One of our primary teachers, Miss Watt, has asked for leave of absence next session to go abroad. This means that at the start of the new session only three primary schools will have a visiting teacher of speech and drama. Primary headmasters, who no longer have such a teacher, are anxious to have this work continued when the supply of teachers makes it possible.

A number of performances took place in the various schools and there was co-operation with the music and art departments in these undertakings. The Children's Travelling Theatre gave performances, specially arranged for handicapped pupils at Auchentoshan, and Hartfield, which included Elmwood School for the Deaf. It is hoped that it may visit some of the country schools in September.

Our annual assessment of oral ability was made for Primary VI and VII children who had had the benefit of a specialist teacher of speech and drama, and the results made available to the headmasters of the secondary schools to which they would go next session. This year the assessment was extended to first and second year secondary, for progression to the next stage.



In September a meeting of Heads of English Departments and the teachers of speech and drama was held in Douglas Academy, to discuss the requirements for developing oral skills in the secondary schools. This proved to be very fruitful and set us all thinking further on various lines. It was followed on June 8 by a drama conference, also convened at Douglas Academy. The Senior Depute Director opened the conference with most helpful remarks on its purpose and aims for promoting ability in the spoken word, oral communication and liaison with other subjects. The members of the speech and drama staff demonstrated to teachers of English, and others interested from secondary schools, techniques and procedures with pupils in the various branches of the work, from the direct approach of play-reading to mimes, movement and creative drama. There was one demonstration from a Primary VII class which clearly showed their preparation for moving into secondary work. The theme was centred around the class project which was a study of all things connected with the sea. Tensions were released by movements of the body into shapes of shells, rocks, etc., and the class proceeded to questions, answers, descriptions and stories of the sea. In co-operation with the class teacher, the work included pictures, drawings and compositions.

One secondary group expressed meaning and emotion through a variety of short mimes, and another group portrayed, in speech and movement, an historical passage under study in the class. A final group of first year boys and girls demonstrated creative drama, using day to day topics and situations. The discussion which followed at the end of the morning session was most informative and helpful, making for a better understanding of the need for oral skill and ways of developing it.

In the afternoon, the Citizens' Theatre for Youth showed their ideas of setting up a community on a desert island, specially designed for first year secondary pupils, and involving everyone in the project. A very interesting discussion followed.

Both therapists and teachers of speech and drama have combined to develop, as far as possible, oral skill and ability in communication.

## Session 1970-71 SPECIAL SCHOOLS AND CLASSES

### (a) SPECIAL SCHOOLS

#### *Auchentoshan School, Clydebank*

This school caters for mentally handicapped, physically handicapped and myopic children. At the close of session 1970-71 the numbers of pupils in attendance were: mentally handicapped, 174; physically handicapped 15; myopic, 1.

*Auchentoshan Occupational Centre, Clydebank*

There were 83 pupils on the roll of this centre.

*Elmwood School, Dumbarton*

There were 16 deaf or partially deaf pupils on the roll of this school.

*Glencryan School, Cumbernauld*

This school caters for mentally handicapped and physically handicapped pupils in the Cumbernauld area. At the close of session 1970-71 the numbers of pupils in attendance were: mentally handicapped 70; physically handicapped 6.

*Cumbernauld Occupational Centre*

There were 26 pupils on the roll of this centre.

(b) SPECIAL CLASSES

*Lairdsland Primary School, Kirkintilloch*

There were 69 mentally handicapped pupils in the special classes attached to this school.

MILK-IN-SCHOOLS SCHEME

The average number of pupils taking milk in schools during session 1970-71 was 30,059 (approximately 92 per cent 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.

Number of patients treated .. ..	23		
Total number of attendances .. ..	459		
<i>Cause of Reference</i>	<i>No. of Patients</i>	<i>No. Improved</i>	<i>Condition Unchanged</i>
Bronchitis, etc. . . . .	2	2	—
Frequent Colds and Coughs ..	9	6	3
Bronchial Catarrh . . . . .	2	2	—
Asthma .. . . .	3	2	1
Others .. . . .	7	4	3
Totals .. . . .	23	16	7



TABLE I

Total number of children examined at:

	<i>Systematic Examinations</i>
(a) <i>Primary Schools—</i>	
Entrants (5 yrs. of age) .. .. .	4,797
<i>Secondary Schools—</i>	
Second Age Group (13 yrs. of age) .. .. .	3,639
Third Age Group (16 yrs. of age) .. .. .	799
Total .. .. .	<u>9,235</u>
 (b) <i>Other Examination—</i>	
'E' tests (entrants) .. .. .	3276

TABLE II — DENTAL TREATMENT

Age	SCHOOL CHILDREN													Total
	5	6	7	8	9	10	11	12	13	14	15	16	17	
Routine Dental Inspection	1314	1530	1908	963	1413	954	909	1656	738	666	486	144	153	12834
With Dental Defects	936	1224	1116	1485	1242	864	1188	756	621	693	486	108	162	10881
Accepting Treatment	882	909	1071	1359	810	603	906	567	378	477	396	72	90	8520
Treated by S.D.O.*	972	1197	1656	1431	738	702	1368	1764	909	774	531	261	198	12501
Made Dentally Fit	912	1125	1323	1386	684	675	1269	1611	855	693	450	225	180	11388
Special and Emergency Cases First Visits only	45	36	27	9	72	36	72	90	81	72	36	18	36	630

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

Subsequent courses of treatment

Cases treated 936  
Made dentally fit 378



TABLE III  
DETAILS OF TREATMENT

Dental Treatment		
Fillings	Perm. Teeth	17,403
	Temp. Teeth	1,110
Extractions	Perm. Teeth	1,765
	Temp. Teeth	3,805
Administration of General Anaesthetic		1,824
Other Operations	Perm. Teeth	1,584
	Temp. Teeth	135
Dentures	Partial	414
	Full	9
Repairs to Dentures		90
Radiographs		540

Attendances for Treatment  
School Children, 5-17 yrs.

Routine	30,474
Emergency	630

TABLE IV  
ORTHODONTIC TREATMENT

Number of cases from last year	156
New cases	162
Cases completed	91
Cases discontinued	56
Attendances	2405
Consultations with Consultant Orthodontist	—
Number of Diagnostic Examinations	216
Number of Diagnostic Examinations N.T.O.	—
Treated without Appliance	—
Treated Removable Appliance	333
Treated Fixed Appliance	36
Number of Extractions Permanent	572
Number of Extractions Temporary	440
Repairs	54
Radiographs Intra-Oral	—
Radiographs Extra-Oral	—

Table V  
SCHOOL EYE CLINICS

Year 1970-71	Appointments Given	First Visits (This Year)	Attendances (Total)	Glasses Ordered	Referred to Orthoptist	Sessions	
						Doctor	Optician
Dumbarton . . . (includes Vale of Leven)	898	760	791	377	93	96	55
Helensburgh . . .	335	251	251	128	22	24	24
Bearsden, Milngavie . . (Hillfoot Clinic)	180	63	150	41	10	19	24
Kirkintilloch . . .	332	115	247	67	31	23	26
Clydebank . . .	1112	658	757	303	50	90	92
Cumbernauld . . .	506	172	377	110	35	36	41
Total . . .	3363	2019	2573	1026	241	288	262



TABLE VI  
AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS

Total Number Examined at all Ages	BOYS															
	Entrants			Age 9			Age 13			Age 16						
	No. Exam.	Avg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wght. (Lbs.)				
1970-71	2420	—	43-2	42-8	—	—	—	—	1842	Y. M.	60-8	98-3	386	Y. M.	66-5	134-0
County Average— Years 1960-61 to 1969-70	18012	5 5	43-4	43-2	2648	9 3	51-8	62-7	12426	13 4	59-9	96-7	2074	16 4	66-5	130-3
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	66-9	127-0
County Average— Years 1930-31 to 1939-40	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	5 7	42-1	41-2	11863	8 7	48-3	54-3	—	—	—	—	697	16 1	64-3	118-8

\* 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 VII  
AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS—Continued

Total Number Examined at All Ages	GIRLS											
	Entrants			Age 9			Age 13			Age 16		
	No. Exam.	Avg. Age	Hgt. (Ins.)	Wgt. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wgt. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wgt. (Lbs.)
	Y. M.				Y. M.				Y. M.			
1970-71	2377	—	43-0	41-8	—	—	—	103-4	413	16 8	63-0	121-0
County Average— Years 1960-61 to 1969-70	17189	5 5	43-0	41-9	2553	9 4	51-6	62-7	12715	13 4	60-2	101-9
County Average— Years 1950-51 to 1959-60	13354	5 6	44-4	42-1	12327	9 5	52-1	62-2	10556	13 4	60-3	97-3
County Average— Years 1940-41 to 1949-50	11249	5 2	42-4	41-9	10287	8 11	49-4	55-6	9957	13 4	59-3	93-5
County Average— Years 1930-31 to 1939-40	12132	5 7	42-3	40-5	11645	8 8	49-0	54-8	*7123	13 5	59-5	94-8
County Average— Years 1919-20 to 1929-30	13019	5 8	41-7	39-7	11582	8 8	48-2	52-3	—	—	—	—

\* 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 VIII  
RESULTS OF AUDIOMETRIC SURVEY  
1970-1971

Age-Groups Children Examined	No. Listed	No. Tested	No. Normal Hearing	No. Defective Hearing	Grade				Cases Referred for					
					I	IIA	IIb	III	S.M.O.	E.N.T. Exam.	Special Seat- ing Aid	Medi- cal Treat- ment	No Action	
1961 ... ..	4336	4167	4001	166	151	10	5	—	102	53	7	4	16	58
1965 ... ..	4732	4460	4083	377	313	63	—	1	274	176	14	1	50	90
Secondary ... ..	955	893	870	23	21	2	—	—	17	2	—	—	3	8
Children born outwith Age-Groups ... ..	1109	1051	893	158	136	21	1	—	69	51	3	—	9	64

No. of Individual Pure Tone Tests—  
 Dumbarton 1073  
 Clydebank 910  
 Kirkintilloch 558  
 Cumbernauld 437  
 Total 2978



TABLE IX  
SPEECH THERAPY AND SPEECH TRAINING  
ANNUAL STATISTICS, SESSION 1970-71

*Classification of Cases*

	<i>Stuttering</i>	<i>Defective Articulation</i>	<i>Retarded Speech</i>	<i>Cleft Palate</i>	<i>Dysphonia</i>	<i>Aphasia/Dysphasia</i>	<i>Dysarthria</i>	<i>Total</i>
List A	93	713	304	28	17	15	11	1181
B	4	116	11	—	3	—	1	135
C	18	138	19	—	8	—	—	183
								1499

*Age Groups*

List	-5		5+		6+		7+		8+		9+		10+		11+		12+		13+		14+		15+	
	B.	G.	B.	G.	B.	G.	B.	G.	B.	G.	B.	G.	B.	G.	B.	G.	B.	G.	B.	G.	B.	G.	B.	G.
A	124	52	177	66	260	66	109	36	62	35	44	20	39	11	17	8	12	6	3	4	5	4	8	6
B	5	3	45	12	26	9	14	1	7	3	—	2	5	1	—	—	—	2	—	—	—	—	—	—
C	25	14	45	17	21	11	15	6	4	4	8	—	3	4	3	—	1	—	1	—	—	—	—	—

*Districts*

	<i>List A</i>	<i>List B</i>	<i>List C</i>	<i>Total</i>
Dumbarton .. .. .	142	—	6	148
Helensburgh .. .. .	78	—	17	95
Vale of Leven .. .. .	108	11	10	129
Old Kilpatrick .. .. .	310	92	99	501
New Kilpatrick .. .. .	105	—	6	111
Kirkintilloch .. .. .	259	27	10	296
Cumbernauld .. .. .	179	5	35	219
	1181	135	183	1499

*List A*

Number of Cases continued next session 523	No. dismissed satisfactory .. .. .	326
	Improved to limit .. .. .	50
	No co-operation .. .. .	31
	Left County .. .. .	29
	Advice only (List C) .. .. .	171
	Left to other clinics .. .. .	222

Source of Reference

	<i>Schools and/or Psychologists</i>	<i>M.O.</i>	<i>Parents</i>	<i>*Others</i>	<i>Total</i>
List A ..	700	337	42	102	1181
B ..	117	18	—	—	135
C ..	116	47	10	10	183
Total ..	933	402	52	112	1499

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

Referrals by Therapist to M.O. or D.O. ..	..	..	..	..	..	57
Referrals by Therapist to Psychologist for I.Q./and/or advice ..	..	..	..	..	..	20
Number of Parent Interviews ..	1178	Number A treatments ..	11,372			
Audiometric Tests ..	..	..	..	..	..	392

- List A—Cases actually under treatment
- List B—Cases on waiting list
- List C—Advice and interview only



TABLE X—

Clinic	Result	Kyphosis			Lordosis			Kypho-Lordosis			Scoliosis			Chest		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Dumbarton ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vale of Leven at Dumbarton	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Helensburgh ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goldenhill ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Old Kilpatrick	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auchentoshan	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kirkintilloch ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clydebank ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hillfoot ...	Treatment Completed ...	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Milngavie ...	Treatment Completed ...	1	-	1	-	-	-	-	1	1	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cumbernauld ...	Treatment Completed ...	1	-	1	-	-	-	-	2	2	-	1	1	1	-	1
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## NUMBER OF

Clydebank .. .. .	75
Vale of Leven at Dumbarton ..	456
Kirkintilloch .. .. .	130
Old Kilpatrick .. .. .	35
Milngavie .. .. .	66
Auchentoshan .. .. .	57



# Orthopaedic Treatment

DEFORMITY OR DISEASE																							
Feet Deformities			Polio & Spastic Paralysis			Asthma			Bronchitis			Mouth Breathers			Rheumatism			Others			Total		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
2	4	6	-	-	-	2	3	5	2	3	5	-	-	-	-	-	-	-	-	6	10	16	
7	4	11	-	1	1	4	2	6	5	-	5	-	-	-	-	-	-	-	1	17	9	26	
1	2	3	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	1	4	5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	3	6	-	-	-	2	2	4	-	-	-	-	-	-	-	-	-	-	1	6	6	12	
4	2	6	1	1	2	2	2	4	-	-	-	-	-	-	-	-	-	-	-	7	6	13	
3	2	5	-	-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	6	2	8	
-	1	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	2	
-	6	6	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	1	1	2	3	
9	6	15	2	-	2	6	5	11	1	1	2	-	-	-	-	-	-	-	1	19	14	33	
2	1	3	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	3	1	4	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	7	10	-	-	-	5	3	8	1	2	3	-	-	-	-	-	-	-	2	11	13	24	
17	13	30	-	-	-	5	1	6	2	2	2	-	-	-	-	-	-	-	3	27	14	41	
4	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	3	8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	
3	5	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	1	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	12	17	-	1	1	4	-	4	-	1	1	-	2	1	2	-	-	-	3	12	15	27	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	2	4	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	2	3	5	
5	5	10	-	-	-	2	1	3	2	-	2	-	-	-	-	-	-	-	2	11	7	18	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10	4	14	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	2	12	5	17	
-	3	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	2	-	2	1	-	1	-	-	-	-	-	-	-	1	5	1	6	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	12	26	1	-	1	3	2	5	18	13	31	6	4	10	-	-	-	2	3	5	46	37	83
2	2	4	1	1	2	-	-	-	1	2	3	2	1	3	-	-	-	-	-	6	6	12	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## TREATMENTS GIVEN

Helensburgh	..	..	..	797
Hillfoot	..	..	..	148
Cumbernauld	..	..	..	671
Goldenhill	..	..	..	445
Dumbarton	..	..	..	922

TABLE XI

## SPEECH THERAPY—SUMMARY OF STATISTICS, 1970-71

Clinic/School	No. on Roll	Left County	Left to other clinics	Cleared	Non-Co-op	Admitted	No. on Roll
Aitkenbar .. .. .	11	—	—	9	—	8	10
Abrohill Primary .. .. .	13	—	13	—	—	—	0
Auchentoshan Special School .. .. .	20	3	—	10	1	7	13
Auchentoshan Occupational Centre .. .. .	8	1	—	3	1	3	6
Balloch Clinic .. .. .	0	—	—	—	—	12	12
Bank Street Clinic .. .. .	22	4	10	12	1	27	22
Carbrain Primary and Temporary .. .. .	17	—	17	—	—	—	0
Castlehill .. .. .	6	1	—	3	—	8	10
Central Health Centre Cumbernauld .. .. .	47	1	4	29	4	19	28
Clober Primary .. .. .	5	—	2	6	—	8	5
Croy .. .. .	9	—	1	6	—	5	7
Cardross Primary .. .. .	—	—	—	—	—	9	9
Christie Park .. .. .	—	—	—	—	—	5	5
Dalmuir Primary .. .. .	10	—	—	9	—	12	13
East King Street Clinic .. .. .	10	1	7	3	1	9	7
Edinbarnet .. .. .	6	—	2	2	—	6	8
Elmwood (School for Deaf) .. .. .	5	—	—	—	—	1	6
Faifley Primary .. .. .	5	—	3	4	—	9	7
Gavinburn Primary .. .. .	14	—	1	10	—	10	13
Glencryan Special School .. .. .	23	2	—	17	—	6	10
Goldenhill Clinic .. .. .	7	—	11	3	—	12	5
Goldenhill School .. .. .	9	—	—	11	—	10	8
Haldane Primary .. .. .	12	—	—	12	—	7	7
Hartfield Primary .. .. .	12	—	1	11	—	8	8
Hermitage Primary .. .. .	15	2	—	18	3	22	14
Hillfoot Clinic .. .. .	12	4	2	7	—	9	8
Hillhead Primary .. .. .	11	—	—	8	—	4	7
Holy Family .. .. .	13	—	13	—	—	—	0
John Logie Baird .. .. .	0	—	11	1	—	13	11
Kilbowie Primary .. .. .	15	2	8	3	2	21	21
Kildrum Medical Centre .. .. .	19	—	1	10	1	13	20
Knoxland Primary .. .. .	4	—	—	6	—	9	7
Lairdsland Primary .. .. .	8	—	8	—	—	—	0
Linnvale Primary .. .. .	8	—	—	8	—	11	11
Merklands Special School .. .. .	—	—	—	—	—	7	7
Milngavie Clinic .. .. .	6	2	—	1	—	9	12
Milngavie Primary .. .. .	14	—	—	18	—	16	12
Moss Cottage .. .. .	30	—	12	16	4	35	33
Muirfield Primary .. .. .	16	—	16	—	—	—	0
O.H.R. .. .. .	6	—	1	3	2	13	13
Oxgang Primary .. .. .	22	—	22	—	—	—	0
Renton Primary .. .. .	—	—	—	—	—	8	8
St. Andrew's .. .. .	6	1	—	8	—	13	10
St. Eunan's .. .. .	9	—	3	9	—	8	5
St. Flannan's .. .. .	19	—	—	11	—	5	13
St. Joseph's Faifley .. .. .	9	—	—	6	1	8	10
St. Joseph's Milngavie .. .. .	11	—	11	—	—	—	0
St. Kessog's .. .. .	11	—	2	8	—	6	7
St. Mary's Duntocher .. .. .	7	1	—	5	—	5	6
St. Pat's Primary .. .. .	5	—	4	1	—	—	0
St. Peter's .. .. .	11	1	—	12	—	9	7
Sacred Heart .. .. .	6	—	6	—	—	—	0
Seafar Primary .. .. .	5	—	5	—	—	—	0
Townhead Clinic .. .. .	29	1	32	39	8	85	34
Twechar Primary .. .. .	5	—	—	4	—	5	6
Westerton Primary .. .. .	5	—	—	3	—	7	9
Whitecrook Primary .. .. .	6	—	3	5	—	10	8
Whitecrook Clinic .. .. .	3	2	—	6	2	12	5
	617	29	222	376	31	564	523



TABLE XII  
ORTHOPTIC REPORT

	<i>C'bank</i>	<i>K'tilloch</i>	<i>Dumbarton</i>	<i>Total</i>
Total Attendances .. ..	149	171	549	869
Patients referred before July 1970 still attending .. ..	27	15	95	137
Patients referred since July 1970	61	74	200	335
Total Attending .. ..	88	89	295	472
Number of patients on treatment	20	15	48	83
Number of patients on observa- tion:				
(a) before treatment .. ..	34	37	109	180
(b) after treatment .. ..	9	5	33	47
Treatment not required .. ..	5	4	20	29
Refused treatment .. ..	—	—	—	—
Referred for operation:				
(a) before treatment .. ..	4	4	12	20
(b) after treatment .. ..	1	2	13	16
Patients failed to attend .. ..	—	2	—	2
Ceased to attend .. ..	1	—	8	9
Discharged .. ..	3	6	7	16
Referred but not yet seen by Orthoptist .. ..	11	14	45	70
	88	89	295	472



SYSTEMATIC EXAMINATIONS

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 47,533.

NUMBER OF EXAMINATIONS

ENTRANTS				LEAVERS			
Number Examined		Percentage with Defects		Number Examined		Percentage with Defects	
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
2,420	2,377	59.46	51.58	1,842	1,797	39.03	36.51
43,663	41,451	56.85	52.07	Totals 33,756	33,560	45.46	45.29

SCHOOL DENTAL SERVICE

*Report by SHEILA S. STEWART, Chief Dental Officer*

Our staffing situation has greatly improved since last year and at the time of writing this report we have eleven full-time Assistant Dental Officers working in the County's School Service, from a total establishment of thirteen Dental Officers.

It is to be hoped that our enhanced staffing position will be maintained and perhaps even improved and that as a result we will therefore be able to provide an even better dental service for children in the County.

As for some years past a Dental Health Campaign, directed particularly at new entrants, was carried out in all primary schools throughout the County, and appears to have been a success in impressing upon the children concerned (and their parents) the importance of dental hygiene at an early stage in the life of every child and of the three main factors—regular toothbrushing; regular visits to the dentist, and a sensible diet involved in ensuring a healthy mouth.

Finally may I express my sincere thanks to Headmasters and all teaching staff for their willing co-operation in the Campaign without which very little could be achieved. I would also like to express my appreciation of the continuing help which teaching staff afford throughout the year by having available in schools a supply of dental consent forms which are given to children on request, a facility which helps us considerably in supplying a prompt service for their pupils.



TABLE 1

SCHOOL HEALTH SERVICE  
MEDICAL EXAMINATIONS BY EACH EDUCATION AUTHORITY

YEAR 1970

Local Authority	ENTRANTS				LEAVERS					
	No. of Examinations		No. with Defects		No. of Examinations		No. with Defects		Percentage with Defects	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Aberdeen Burgh	1,337	1,284	834	794	62.38	61.84	547	607	40.13	46.95
Dundee	1,502	1,527	765	715	50.93	46.82	1,242	940	45.75	40.03
Edinburgh	3,020	2,965	1,757	1,537	58.18	51.84	3,218	3,346	43.50	45.54
Glasgow	7,596	7,383	4,161	4,009	54.78	54.30	—	—	—	—
Aberdeen County	1,199	1,007	720	524	60.05	52.04	631	653	44.85	40.43
Angus	747	685	407	346	54.48	50.51	200	176	60.06	50.29
Argyll	370	351	237	178	64.05	50.71	1,003	1,052	38.58	40.18
Ayr County	3,090	2,915	1,598	1,401	51.72	48.06	375	341	45.60	43.40
Banff	350	337	242	188	69.14	55.79	146	153	35.62	30.72
Berwick	139	130	66	36	47.48	27.69	52	47	56.25	48.94
Bute	85	81	56	35	65.88	43.21	80	94	31.78	41.88
Caitness	288	281	135	100	46.88	35.59	68	80	40.80	37.66
Clackmannan	375	395	168	173	44.80	43.80	133	116	63.69	64.07
Dumfries County	701	628	488	410	69.61	65.29	661	629	39.03	36.51
Dunbarton	2,420	2,377	1,439	1,226	59.46	51.58	1,842	1,797	45.80	43.56
East Lothian	483	463	286	293	59.21	63.28	417	404	53.64	50.33
Fife	2,327	2,231	1,327	1,065	57.03	47.74	672	660	36.61	43.48
Inverness County	722	728	476	435	65.93	59.75	172	182	29.65	39.56
Kincardine	174	—	104	—	59.77	—	162	156	28.40	46.15
Kirkcudbright	313	320	187	155	59.74	48.44	2,312	2,159	53.98	49.31
Lanark	5,664	5,263	3,400	2,911	60.03	55.31	4,283	4,378	40.84	41.20
Midlothian	1,267	1,139	677	501	53.43	43.99	982	915	39.60	31.92
Moray and Nairn	566	573	240	248	42.40	43.28	447	448	37.00	32.17
Orkney	139	132	58	56	41.73	42.42	100	115	35.00	26.44
Peebles	83	80	43	31	51.81	38.75	60	87	48.22	42.95
Perth and Kinross	991	926	514	405	51.87	43.74	869	766	51.86	57.29
Renfrew	3,497	3,216	2,053	1,757	58.71	54.63	2,580	2,723	42.95	43.12
Ross and Cromarty	510	445	302	258	59.22	57.98	447	429	50.90	50.00
Roxburgh	315	318	189	160	60.00	50.31	279	284	32.91	34.03
Selkirk	150	172	68	46	45.33	26.74	158	144	43.93	38.80
Stirling County	1,770	1,714	1,038	919	58.64	53.62	997	1,188	41	62
Sutherland	105	101	71	67	67.62	66.34	84	105	37.89	45.62
West Lothian	1,056	1,003	568	479	53.79	47.76	760	879	51.41	52.82
Wigtown	225	197	139	109	61.78	55.33	177	142	46.27	31.34
Zetland	87	84	11	15	12.64	17.86	67	67	—	—
Scotland	43,663	41,451	24,824	21,582	56.85	52.07	33,756	33,560	45.46	45.29



## SCHOOL HEALTH SERVICE

YEAR 1970

TABLE 2

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

Defect	ENTRANTS				LEAVERS			
	BOYS		GIRLS		BOYS		GIRLS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
01 Tuberculosis	1	41	1	42	2	109	—	—
02 Molluscum C	61	2,521	33	1,388	31	1,683	43	2,393
04 Epidermophytosis	4	165	5	210	14	760	8	445
05 Pediculosis	3	124	7	294	5	271	18	1,002
06 Scabies	10	413	9	379	4	217	6	334
07 Other Infections	2	83	6	252	1	54	—	—
08 Neoplasms	4	165	12	505	—	—	2	111
09 Goitres	—	—	—	—	1	54	—	—
10 Cretinism	—	—	1	42	—	—	—	—
11 Diabetes	—	—	—	—	1	54	2	111
12 Underweight	2	83	2	84	3	163	—	—
13 Obesity	10	413	19	799	17	923	40	2,226
14 Other Endocrine, Nutritional, Metabolic Disorder	7	289	2	84	1	54	—	—
16 Anaemia and Other Blood Disorders	7	289	8	337	2	109	7	390
17 Psychosis	—	—	1	42	—	—	—	—
18 Speech Disorder	115	4,752	56	2,356	13	706	4	223
19 Enuresis, etc.	171	7,066	138	5,806	36	1,954	15	835
20 Behaviour Disorder	37	1,529	41	1,725	10	543	6	334
21 Borderline Mental Retardation	4	165	4	168	5	271	4	223
22 Mild Mental Retardation	—	—	—	—	—	—	2	111
27 Epilepsy	6	248	2	84	3	163	5	278
28 Other Diseases of Nervous System	4	165	5	210	9	489	2	111
29 Inflammatory Conditions of Eye	32	1,322	34	1,430	24	1,303	17	946
30 Refractive Error	66	2,727	55	2,314	192	10,423	228	12,688
31 Strabismus	112	4,628	105	4,417	27	1,466	35	1,948
32 Colour Blindness	4	165	2	84	90	4,886	5	278
34 Blindness One Eye	1	41	1	42	4	217	—	—
37 Other Eye Condition	—	—	1	42	3	163	1	56
38 Inflammatory Condition of Ear	25	1,033	41	1,725	10	543	9	501
40 Other Conditions Affecting Ear	1	41	—	—	—	—	—	—
43 Deafness One Ear—Partial or Other	—	—	1	42	1	54	1	56
44 Deafness One Ear	—	—	2	84	3	163	2	111
45 Impairment of Hearing, One or Both Ears	40	1,653	34	1,430	7	380	11	612
47 Varicosities	—	—	—	—	2	109	—	—
48 Organic Disease of Heart and Blood Vessels	1	41	—	—	1	54	3	167
49 Asthma	33	1,364	11	463	46	2,497	16	890
50 Disease of Tonsils	258	10,661	279	11,737	29	1,574	42	2,337
51 Hay Fever	9	372	5	210	20	1,086	15	835
52 Other Diseases of Respiratory System	195	8,058	147	6,184	38	2,063	20	1,113
53 Dental Causes	423	17,479	416	17,501	135	7,329	104	5,787
54 Other Diseases of Mouth	2	83	3	126	8	434	4	223
55 Disease of Digestive System	—	—	—	—	3	163	1	56
56 Hernia	15	620	6	252	2	109	1	56
57 Kidney Disease	3	124	11	463	—	—	6	334



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

Defect	ENTRANTS				LEAVERS			
	BOYS		GIRLS		BOYS		GIRLS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
58 Diseases of Generative Organs	90	3,719	—	—	8	434	5	278
59 Infection of Skin	14	579	4	168	2	109	—	—
60 Eczema	25	1,033	22	926	12	651	6	334
61 Acne	—	—	—	—	26	1,412	50	2,782
62 Other Diseases of Skin	49	2,025	44	1,851	23	1,249	22	1,224
63 Osteochondrosis	1	41	—	—	2	109	—	—
64 Spinal Curvature	1	41	2	84	—	—	2	111
65 Pes Planus	64	2,645	34	1,430	23	1,249	20	1,113
66 H. Valgus	1	41	1	42	2	109	7	390
67 Other Minor Deformities	16	661	14	589	4	217	7	390
68 Other Orthopaedic Conditions	1	41	1	42	1	54	—	—
72 Congenital Anomalies of Eye	1	41	2	84	—	—	1	56
73 Congenital Anomalies of Ear, Face and Neck	2	83	—	—	—	—	—	—
74 Congenital Anomalies of Heart	9	372	2	84	2	109	—	—
75 Other Congenital Anomalies of Circulatory System	2	83	—	—	2	109	1	56
77 Cleft Palate and Cleft Lip	2	83	1	42	1	54	2	111
79 Other Congenital Anomalies of Digestive System	1	41	—	—	—	—	—	—
80 Congenital Anomalies of Genital Organs	85	3,512	—	—	10	543	—	—
82 Congenital Clubfoot	1	41	—	—	2	109	2	111
83 Other Congenital Anomalies of Limbs System	1	41	1	42	—	—	—	—
84 Other Congenital Anomalies of Musculoskeletal System	5	207	4	168	2	109	2	111
85 Congenital Anomalies of Skin, Hair and Nails	8	331	3	126	5	271	6	334
88 Ill-defined Conditions—Swollen Glands	54	2,231	35	1,472	4	217	2	111
89 Other Ill-defined Conditions	2	83	2	84	—	—	—	—
90 Injuries	1	41	—	—	—	—	—	—

SCHOOL HEALTH SERVICE  
 NUMBERS AND RATES OF DEFECTS FOUND PER 100,000 CHILDREN EXAMINED BY SOCIAL CLASS  
 DUNBARTON

Defect	ENTRANTS						LEAVERS							
	1	2	3	4	5	Other or not Stated	Total	1	2	3	4	5	Other or not Stated	Total
01 Tuberculosis	Rate Boys						391							
	Rate Girls			833										
03 Verruca	No. Boys						1							
	No. Girls			1			3,462			1,042	3,125			1,064
	Rate Boys	6,250		5,785			1,563	14,286	5,556	1,235	2,564		4,762	2,762
	Rate Girls	4,167		833	2,128	10,000	9			1	1			2
04 Epideromphytosis	No. Boys			7			4							
	No. Girls			1	1	1				1	1		1	5
	Rate Boys						391				2,564			552
	Rate Girls	5,263												
05 Pediculosis	No. Boys						1							1
	No. Girls													532
	Rate Boys						385							1,105
	Rate Girls			833	2,128		781			1,235	3,125	6,667		1,105
06 Scabies	No. Boys						1							1
	No. Girls			1	1		2			1				2
	Rate Boys						769							
	Rate Girls			826		6,250								
08 Neoplasms	No. Boys						2							
	No. Girls			1										
	Rate Boys						391							
	Rate Girls	4,167												
13 Obesity	No. Boys						1							
	No. Girls			1										
	Rate Boys						781							
	Rate Girls	4,167					2,778			1,235	2,564			1,105
No. Boys														
No. Girls			1			2			1	1			2	







TABLE 3—Continued

Defect	ENTRANTS						LEAVERS					
	1	2	Social Class	4	5	Total	1	2	Social Class	4	5	Total
38 Inflammatory Condition of Ear	Rate Boys	—	—	—	—	7,895	—	—	—	—	—	—
	Rate Girls	5,263	4,167	833	2,128	2,778	—	—	—	—	—	—
43 Deafness One Ear—Partial or Other	No. Boys	—	—	—	—	3	—	—	—	—	—	—
	No. Girls	1	1	1	1	1	—	—	—	—	—	—
	Rate Boys	—	—	—	—	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—
45 Impairment of Hearing, One or Both Ears	No. Boys	—	—	—	—	—	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	—	—
	Rate Boys	—	—	—	—	7,895	—	—	—	—	—	—
	Rate Girls	5,263	—	1,667	2,128	1,563	4,762	—	—	—	—	4,762
47 Varicosities	No. Boys	—	—	—	—	3	—	—	—	—	—	—
	No. Girls	1	—	2	1	—	—	—	—	—	—	—
	Rate Boys	—	—	—	—	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—
49 Asthma	No. Boys	—	—	—	—	—	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	—	—
	Rate Boys	—	—	—	—	2,632	4,762	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—
50 Disease of Tonsils	No. Boys	—	—	—	—	1	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	—	—
	Rate Boys	8,696	12,500	8,264	10,000	15,789	4,762	—	—	—	—	—
	Rate Girls	15,789	12,500	9,167	10,638	16,667	3,704	2,564	—	—	—	19,048
51 Hay Fever	No. Boys	2	4	10	3	6	—	—	—	—	—	—
	No. Girls	3	3	11	5	6	—	—	—	—	—	—
	Rate Boys	—	—	—	—	—	—	—	—	—	—	—
	Rate Girls	5,263	—	—	—	—	—	—	—	—	—	—
52 Other Disease of Respiratory System	No. Boys	—	—	—	—	—	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	—	—
	Rate Boys	8,696	9,375	6,612	10,000	2,632	—	—	—	—	—	—
	Rate Girls	10,526	8,333	5,833	6,383	8,333	2,083	—	—	—	—	5,000
53 Dental Causes	No. Boys	2	3	8	3	1	—	—	—	—	—	—
	No. Girls	2	2	7	3	3	—	—	—	—	—	—
	Rate Boys	4,348	12,500	20,661	10,000	15,789	4,762	11,458	15,625	—	—	10,000
	Rate Girls	10,526	16,667	19,167	10,638	22,222	2,469	—	—	13,333	—	9,524
No. Boys	1	4	25	3	6	—	—	—	—	—	—	
No. Girls	2	4	23	5	8	—	—	—	—	—	—	









TABLE 4

## SCHOOL HEALTH SERVICE

YEAR 1970

## NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY EDUCATION AUTHORITY AREA AND SCOTLAND

Local Authority	ENTRANTS				LEAVERS				
	BOYS		GIRLS		BOYS		GIRLS		
	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)
Aberdeen Burgh	1,337	43.34	43.77	1,284	43.02	42.68	—	—	—
Dundee	1,502	42.65	41.79	1,527	42.50	40.98	1,293	60.84	104.00
Edinburgh	3,020	43.00	42.80	2,965	42.87	42.17	2,348	61.24	105.14
Glasgow	7,596	42.51	42.36	7,383	42.36	41.58	7,348	62.60	99.60
Aberdeen County	1,199	43.81	44.70	1,007	43.50	43.44	—	—	—
Angus	747	43.69	44.12	685	43.40	42.92	631	60.55	98.62
Argyll	370	44.47	45.24	351	44.44	44.86	333	61.02	98.74
Ayr County	3,090	43.37	43.36	2,915	43.10	42.40	2,600	60.65	99.06
Banff	350	43.25	43.29	337	43.04	42.40	375	60.47	99.27
Berwick	139	42.87	42.46	130	42.29	41.62	146	60.59	100.25
Bute	85	42.66	42.25	81	42.44	41.16	80	60.15	97.53
Caithness	288	43.81	44.47	281	43.28	43.07	214	62.58	106.64
Clackmannan	375	42.94	42.32	395	42.88	41.82	308	60.06	96.18
Dumfries County	701	43.75	43.09	628	43.44	42.04	661	60.64	97.77
Dunbarton	2,420	43.29	42.83	2,377	43.04	41.84	1,842	60.81	98.39
East Lothian	483	43.30	43.38	463	43.00	42.46	417	60.69	99.12
Fife	2,327	42.95	42.43	2,231	42.51	40.98	1,359	60.63	96.04
Inverness County	722	43.02	43.09	728	42.93	42.44	672	61.42	102.52
Kincardine	174	43.93	44.13	—	—	—	172	60.84	99.47
Kirkcudbright	313	43.94	44.26	320	43.28	42.36	162	61.85	103.90
Lanark	5,664	43.69	43.58	5,263	43.31	42.49	4,283	60.71	96.38
Midlothian	1,267	44.05	44.10	1,139	43.74	42.86	982	60.88	99.45
Moray and Nairn	566	43.39	43.30	573	42.81	42.00	447	61.22	100.61
Orkney	139	44.18	44.88	132	43.35	43.07	100	61.46	107.50
Peebles	83	43.98	44.82	80	43.80	42.96	60	61.55	102.37
Perth and Kinross	991	43.29	43.24	926	43.10	42.61	869	60.40	97.51
Renfrew	3,497	42.92	42.54	3,216	42.61	41.56	2,580	60.09	96.82
Ross and Cromerty	510	43.59	44.88	445	42.84	42.72	447	61.01	102.67
Roxburgh	315	43.14	43.11	318	42.40	41.30	279	60.52	95.07
Selkirk	150	42.71	40.87	172	42.54	39.83	158	60.41	95.66
Stirling County	1,770	43.84	44.69	1,714	43.50	43.37	997	60.90	100.16
Sutherland	105	44.40	47.12	101	43.66	44.10	84	60.95	99.62
West Lothian	1,056	43.13	42.40	1,003	42.93	41.61	760	60.68	97.57
Wigtown	225	44.07	43.75	197	43.68	42.95	177	61.40	96.37
Zetland	87	46.22	47.11	84	45.61	46.05	67	61.90	107.24
Scotland	43,663	43.22	43.13	41,451	42.93	42.11	33,756	61.08	97.19



TABLE 5

## SCHOOL HEALTH SERVICE

YEAR 1970

## NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY SOCIAL CLASS—SCOTLAND

Social Class	ENTRANTS				LEAVERS							
	BOYS		GIRLS		BOYS		GIRLS					
	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)			
1	180	43.86	43.52	201	43.66	43.05	91	61.60	98.81	122	61.52	102.66
2	464	43.76	43.98	431	43.50	43.31	398	62.22	103.42	377	61.28	106.84
3	1,957	43.27	43.15	1,899	42.98	42.32	1,462	60.67	96.60	1,413	60.99	102.65
4	929	43.15	42.91	862	42.79	41.78	773	61.34	95.08	731	61.44	102.16
5	516	42.57	42.08	468	42.34	41.23	398	60.59	93.47	430	60.22	100.03
Other or not stated	280	42.77	42.51	279	42.92	41.87	217	60.43	97.76	226	60.50	102.17
Total	4,326	43.21	43.03	4,140	42.95	42.19	3,339	61.01	96.82	3,299	61.01	102.65

TABLE 5

YEAR 1970

## NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY SOCIAL CLASS—DUNBARTON

Social Class	ENTRANTS				LEAVERS							
	BOYS		GIRLS		BOYS		GIRLS					
	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)			
1	23	43.52	43.22	19	44.21	44.16	11	63.27	101.55	7	63.71	109.14
2	32	43.72	43.78	24	43.79	44.46	21	62.48	104.81	18	62.06	107.56
3	121	43.30	43.02	120	42.83	41.30	96	60.92	97.36	81	60.95	100.44
4	30	42.97	41.83	47	43.32	42.66	32	59.81	92.03	39	61.33	108.26
5	16	42.63	42.44	10	41.60	40.40	8	61.13	110.63	15	58.40	98.73
Other or not stated	38	43.03	42.08	36	43.19	42.22	20	59.65	96.15	21	60.62	102.67
Total	260	43.25	42.82	256	43.12	42.15	188	60.91	97.97	181	61.00	103.29



TABLE 6

## SCHOOL HEALTH SERVICE

YEAR 1970

## NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY NUMBER IN FAMILY—SCOTLAND

No. in Family	ENTRANTS				LEAVERS							
	BOYS		GIRLS		BOYS		GIRLS					
	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)			
1	3,249	43.62	43.97	3,018	43.33	43.29	2,245	61.36	103.31	2,180	61.59	107.87
2	14,861	43.53	43.69	13,974	43.28	42.76	8,036	61.55	100.66	8,025	61.53	106.45
3	12,367	43.26	43.10	11,610	42.99	42.21	8,305	61.13	97.67	8,109	61.41	104.21
4	6,596	42.97	42.71	6,423	42.59	41.31	6,165	61.04	95.88	6,082	61.18	102.06
5	3,247	42.66	42.10	3,126	42.35	41.04	3,746	60.59	94.15	3,603	60.87	100.06
6	1,646	42.55	41.99	1,637	42.20	40.49	2,364	60.53	93.31	2,568	60.72	99.22
7	853	42.45	41.93	830	42.15	40.83	1,330	60.28	92.28	1,402	60.75	97.25
8	431	42.17	41.40	432	41.97	40.27	778	61.47	90.64	787	60.34	96.67
9	217	42.12	41.05	196	41.69	40.08	391	60.21	90.28	375	62.17	97.03
10	109	42.07	41.17	127	42.08	40.63	198	60.13	90.11	206	60.78	94.66
11	45	41.71	41.84	39	41.92	40.67	101	61.20	91.33	104	65.52	94.84
12	24	41.29	39.13	18	41.61	39.33	51	59.98	93.47	58	60.48	94.40
13	12	42.33	43.00	12	42.17	40.83	22	61.05	89.00	40	61.05	93.15
14	4	42.50	43.00	4	41.25	38.75	15	63.80	82.13	9	59.89	106.78
15	—	—	—	2	40.00	35.00	4	57.00	79.75	3	58.33	93.33
16	1	41.00	39.00	2	43.00	45.50	3	61.67	98.33	9	58.67	91.89
17	1	40.00	36.00	1	41.00	42.00	1	61.00	83.00	—	—	—
18	—	—	—	—	—	—	1	56.00	78.00	—	—	—

TABLE 6

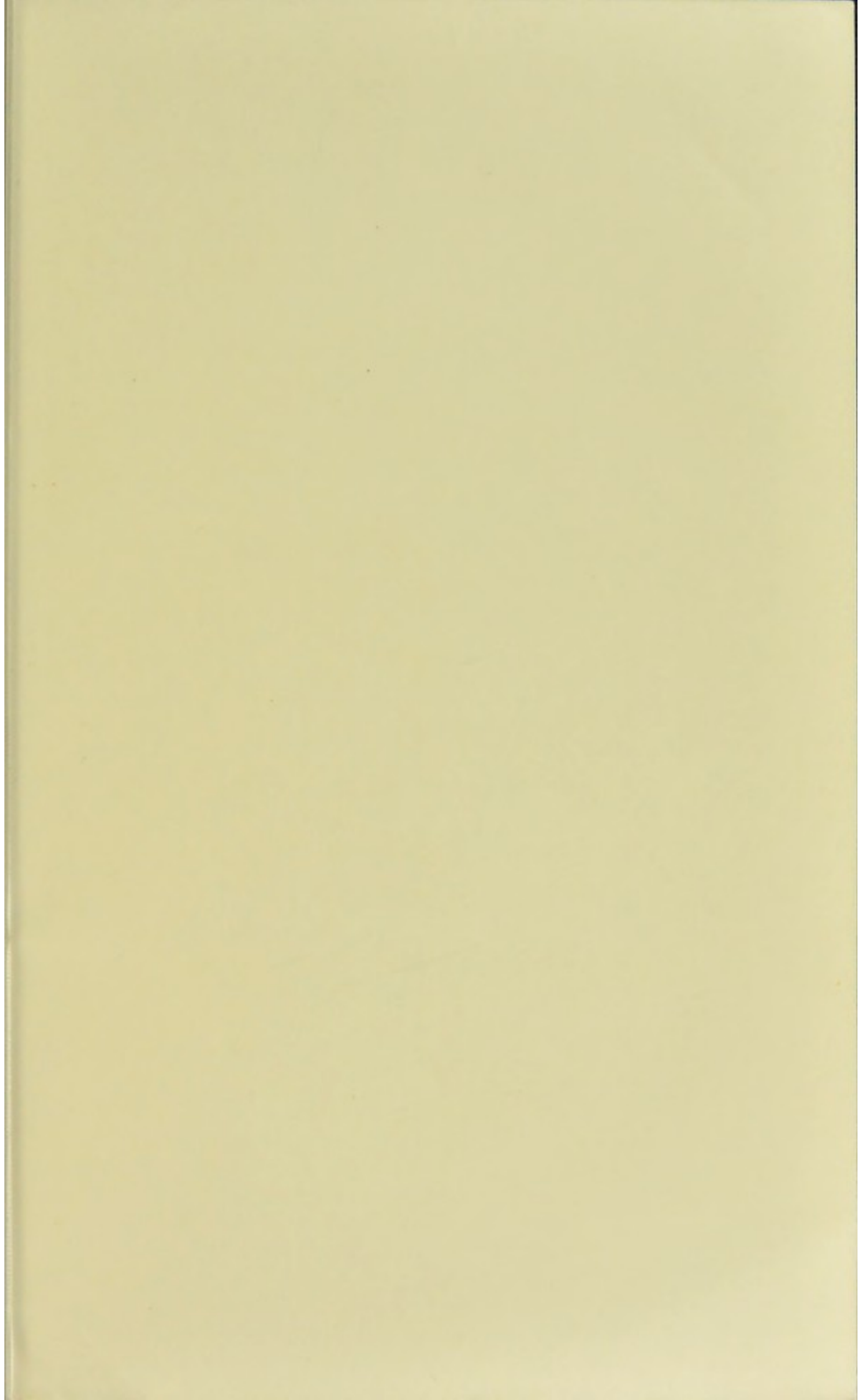
## SCHOOL HEALTH SERVICE

YEAR 1970

## NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY NUMBER IN FAMILY—DUNBARTON

No. in Family	ENTRANTS				LEAVERS								
	BOYS		GIRLS		BOYS		GIRLS						
	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)				
1	167	43-68	43-43	185	43-18	41-95	114	61-61	104-06	108	61-55	109-88	
2	874	43-55	43-42	828	43-32	42-38	464	61-67	102-40	461	61-31	105-80	
3	707	43-25	42-59	669	43-20	42-12	477	60-81	98-30	443	60-97	104-72	
4	341	43-06	42-48	365	42-73	41-38	336	60-43	95-93	290	60-70	103-30	
5	170	42-81	41-77	154	42-40	40-43	204	60-58	97-39	207	59-95	99-65	
6	89	42-57	42-17	91	41-92	39-73	115	59-91	93-41	124	59-77	98-35	
7	36	42-86	42-47	44	42-64	40-86	63	59-52	91-84	70	59-81	96-81	
8	12	43-33	43-25	24	42-46	41-42	29	59-41	94-07	38	59-58	99-97	
9	8	41-63	38-88	7	43-14	42-00	18	59-83	99-17	25	60-08	101-80	
10	10	42-60	42-30	5	43-60	40-60	14	58-50	86-57	15	59-67	97-47	
11	3	40-33	36-33	4	41-50	39-75	6	57-00	84-00	9	59-44	98-33	
12	1	41-00	38-00	—	—	—	1	54-00	59-00	1	57-00	86-00	
13	2	41-00	37-00	1	41-00	39-00	1	51-00	56-00	2	59-00	98-00	
14	—	—	—	—	—	—	—	—	—	3	60-33	108-00	
15	—	—	—	—	—	—	—	—	—	—	—	—	
16	—	—	—	—	—	—	—	—	—	—	1	56-00	86-00





1910

PROPERTY OF THE UNIVERSITY OF TORONTO

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