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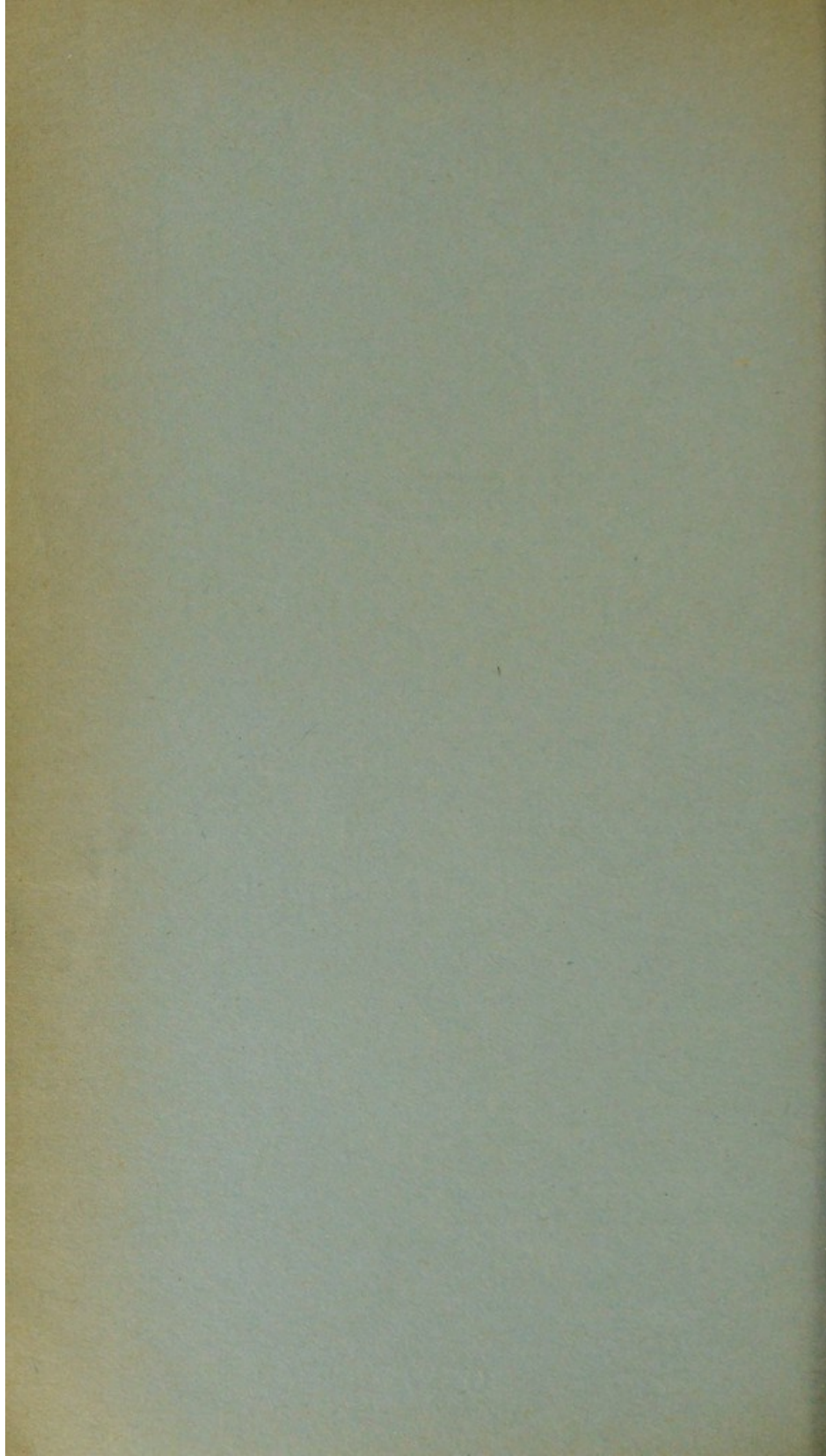
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County Council of the County of Lanark  
EDUCATION COMMITTEE

THIRTIETH  
ANNUAL REPORT

ON THE  
MEDICAL INSPECTION,  
SUPERVISION, AND TREATMENT  
OF SCHOOL CHILDREN



1938-39





County Council of the County of Lanark

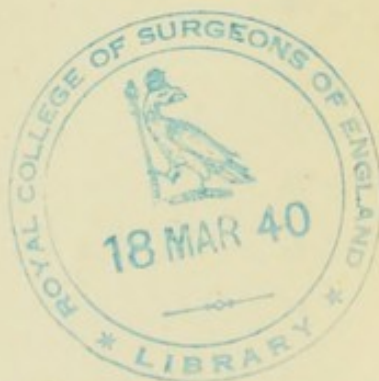
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THE UNIVERSITY OF CHICAGO

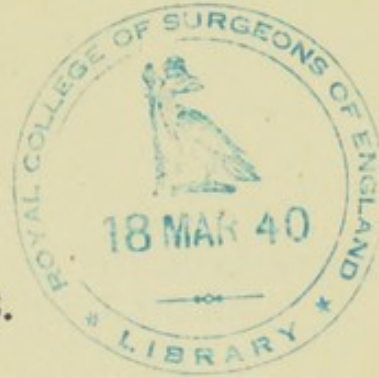
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199	IN TWO VOLUMES
200	VOLUME THE FIRST



TO THE CHAIRMAN AND MEMBERS OF THE EDUCATION  
COMMITTEE OF THE COUNTY OF LANARK.

In submitting the Thirtieth Annual Report on the Medical Inspection, Supervision and Treatment of School Children in the County of Lanark for the year ended 31st July, 1939, attention is drawn to the somewhat altered form in which the Report is presented. This change of form is in compliance with the regulations issued by the Department of Health for Scotland in June, 1938, whereby it is hoped that a more accurate picture of the general physical condition of the school children in Scotland may be obtained, that greater uniformity in the manner of drawing up annual reports may be achieved, and that more accurate comparisons between Education areas be made possible.

The new method of recording the findings of medical inspection and the classification of the pupils commenced at the beginning of the session (August, 1938) and, apart from some little initial difficulty incidental to every change over from one system to another, the scheme worked smoothly.

It was hoped to give in this Report an extensive survey of the whole of the session's work, with particular attention to certain branches of the scheme, but, owing to the exigencies arising from the present crisis, this survey will have to be deferred till a more favourable opportunity arrives. All of the activities of each department of school medical inspection and treatment are, however, clearly indicated either in the body of the Report or in the accompanying statistical tables.

JOHN MACINTYRE,

*Executive School Medical Officer.*

SCHOOL MEDICAL INSPECTION DEPARTMENT,  
COUNTY OFFICES,  
HAMILTON, *December, 1939.*



# STAFF.

## Executive School Medical Officer.

JOHN MACINTYRE, M.B., Ch.B., D.P.H.

## Assistant School Medical Officers.

ANN K. CORMACK, M.B., Ch.B.  
 JANET B. CUNNINGHAM, M.B., Ch.B., D.P.H.  
 ISABEL C. DARLING, M.B., Ch.B., D.P.H.  
 IAN C. MACKENZIE, L.R.C.P. & S.Ed., D.P.H.  
 JOHN YOUNG, L.R.C.P. & S.Ed., D.P.H.

## Dental Surgeons.

R. JARDINE BEATTIE, L.D.S.  
 WILLIAM GIBSON, L.D.S.  
 (a) MARY H. HINSHELWOOD, L.D.S.  
 WILLIAM KERR, L.D.S.  
 ANDREW C. F. RANKIN, L.D.S.  
 ARCHIBALD W. M. WATSON, L.D.S.  
 ELIZABETH WATSON, L.D.S.  
 (b) MARY N. YOUNG, L.D.S.

## Part-Time Ophthalmic Surgeons.

JAMES HILL, M.B., Ch.B., D.O.M.S.  
 H. SOMERVILLE MARTYN, M.A., M.B., Ch.B.  
 JOHN A. MORTIMER, M.D., M.R.C.P.E.  
 JAMES R. WATSON, M.A., B.Sc., M.D., D.P.H.

## Part-Time Ear, Nose, and Throat Specialist.

JAMES ADAM, M.A., M.D., F.R.F.P.S.G.

## Nurses.

MARY M. BENNETT.	ANNIE MACAULEY.
HELEN S. BERTRAM.	MARJORY K. M'DOUGALL.
JESSIE M'L. BLACK.	ISABEL MACKINNON.
MARTHA CHISLETT.	JEAN G. M'GHIE.
(c) ISOBEL T. COCHRAN.	NEILINA M'INNES.
RACHEL DOBIE.	MARGARET NEILSON.
ANNIE N. DOUGLAS.	HELEN PARK.
FLORENCE D. FLEMING.	MYRA E. SMITH.
(d) ADA FOWLIE.	(e) ANNE J. SORLEY.
JEAN HANNAH.	MARGARET C. R. SUTTER.
AMY S. T. HISLOP.	ISABEL TAYLOR.
AGNES L. D. MILLER.	MARY A. YATES.

## Clerical Staff.

*Chief Clerk*—ROBERT A. M'ROBBIE.

JOHN PORTER.	SARAH M. B. CLARK.
JAMES BISHOP.	HELEN S. STEVEN.
(f) JANETTA L. DUNN.	JEAN B. THOMSON.
(g) MARY GORDON.	

(a) Appointed 15/5/39.	(b) Resigned 15/1/39.
(c) Resigned 30/11/38.	(d) Appointed 1/12/38.
(e) Appointed 1/12/38.	(f) Appointed 27/3/39.
(g) Appointed 1/12/38—Resigned 1/4/39.	

**REPORT on the MEDICAL INSPECTION, SUPERVISION,  
and TREATMENT of SCHOOL CHILDREN in the  
COUNTY of LANARK, for the year ended 31st July, 1939.**

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**1. LIST OF STAFF.**

The personnel of the medical, dental, nursing and clerical staffs—both whole-time and part-time—is as shown on page 6 of this Report. Where any changes in the composition of the staff have occurred since the previous report, these are also given.

**2. GENERAL STATISTICS.**

The population of the whole educational area, including the five large Burghs of Airdrie, Coatbridge, Hamilton, Motherwell and Wishaw, and Rutherglen, is estimated at 507,916. The number of schools in the area is as follows :—

(a) Primary,	}	under Education	...	...	...	221
(b) Secondary,		Authority,	...	...	...	21
(c) i. Special Schools,			...	...	...	11
ii. Special Classes in Ordinary Schools,				...		—
(d) In receipt of grant from Education Authority						
and under medical inspection,			...	...		—
Number of children on the registers,			...	...	...	87,610
Number of children in average attendance,			...	...	...	79,079

During the year under review, a new school (St. Columba's R.C.) was opened at Viewpark, in the Parish of Bothwell, to serve the new housing schemes in that area. This school has a recognised classroom accommodation for 600 pupils. A new school for Roman Catholic children in Lanark, with a recognised classroom accommodation for 460 pupils, was also opened towards the end of the session. This school replaces the former school (St. Mary's) in the district which had become unsuitable for educational purposes. Many additions to and improvements of present school buildings were carried out during the year by the Education Committee's Architectural and Works Departments.



### 3. SANITARY CONDITION OF THE SCHOOLS.

It was hoped to be able in this Report to give a systematic survey of this subject but, owing to the exigencies arising from the present emergency, this has not been found possible. In a future report the various branches of all that is embraced under the heading "Sanitation of the Schools" will be dealt with. It is sufficient, meantime, to state that the sanitary condition of the schools in the County (including the large Burghs) is satisfactory. Strict supervision continues to be maintained over all matters affecting the general sanitation, heating, lighting, cleaning, etc., of all school premises.

### 4. ORGANISATION AND ADMINISTRATION.

#### A. SYSTEM AND EXTENT OF MEDICAL INSPECTION AND TREATMENT.

The staff engaged in the medical inspection and treatment of school children in the educational area is as shown on page 6 of this report.

All children in attendance at school who come within the age-groups laid down each year by the Department of Health are subjected to full medical examination, and the findings of the examination are recorded by the examining medical officer on the child's record card. These age-groups constitute the "routine" examinations. In addition to the examination of these "routine" cases, any pupil may be presented by the class teacher or by the parents for special examination for some suspected defect. Such cases are known as "non-routine," and they constitute a very considerable proportion of the total number of pupils examined.

Should the medical officer discover any routine or non-routine child to be suffering from a condition requiring treatment or special care, the parents or teachers are notified to this effect. Such a child is kept under regular supervision by the medical officer and is examined at each subsequent visit made to the school till a cure or, if this cannot be expected, improvement of the condition is effected. The supervision exercised by the medical officers does not apply only to cases of actual physical disability, but includes also the scholastic aspect where certain temporary or, it may be, permanent modifications may have to be made in the child's school curriculum.



This, very briefly, summarises the scheme of school medical inspection and supervision, but gives little idea of the many ramifications of the scheme. Fuller details of the scheme will have to be deferred till some future report.

In regard to the treatment of school children, the Committee's scheme provides for dental, visual, ear, nose and throat, minor ailments and orthopaedic treatment. Each of these departments of treatment will be briefly dealt with later in this Report.

#### B. SYSTEM AND EXTENT OF DENTAL INSPECTION AND TREATMENT.

*(For detailed account see Section 7 (page 17) of this Report).*

#### C. SCHOOL NURSING AND ARRANGEMENTS FOR " FOLLOWING UP."

The school nursing service consists of 23 fully-trained nurses who devote their whole time to the work of the service. For purposes of administration, 7 are allocated to medical inspection and supervision in schools and 16 to treatment. There is no hard and fast rule, however, in regard to the allocation of duties, and all members of the nursing staff are engaged, for part of their time at least, at the treatment clinics.

The systematic re-visiting of schools by members of the nursing staff ensures a regular supervision in all cases where such supervision is necessary, *e.g.*, cases of neglect or uncleanness. It has been found that since minor ailments clinics have been established throughout the County the necessity for school visits by the nurses has diminished somewhat, but, on the other hand, home visiting has correspondingly increased. This has been found necessary in order to follow up cases whose attendance at the treatment clinics has been irregular or where attendance has ceased before a cure has been effected. All schools served by a minor ailments clinic, and this now means practically every populous district, are regularly visited by one of the clinic nurses. Thus, early cases of skin, eye or ear trouble are detected and brought under treatment without delay.

#### D. CO-ORDINATION WITH PUBLIC HEALTH SERVICES.

Close co-operation is maintained between the school medical service and the various public health services in the educational area, that is, the County public health service and the public health services of the five large Burghs. The joint use of clinics operates



at Motherwell, Hamilton, Coatbridge, Blantyre, Larkhall, Shotts, Bellshill, and, it is hoped, will also operate at an early date at Baillieston.

The medical officers of health, both of County and Burghs, place their ultra-violet ray clinics at the disposal of the school medical service and undertake the treatment, free of cost, to all school children referred to them in their respective areas. This also applies to all cases of suspected tubercular disease submitted for fuller investigation. On their part, the school medical officers keep the medical officers of health informed of all cases of infectious or contagious disease discovered at school. They also keep a strict supervision over those school children who are "sputum positive" contacts.

Where it has been found advisable to have disinfection of school premises carried out the various sanitary authorities willingly undertake the work.

It is not possible to give in detail all the numerous and varied instances in which co-operation between the two services are being effected. Many of the co-operative acts would appear to be trivial if committed to print, but it is these hundred-and-one minor details which all contribute to the harmonious working of the two services. Where goodwill exists amongst the various officers and a too rigid interpretation of the limiting boundaries of the services is not insisted upon, smooth working of the various schemes can always be effected.

#### E. CO-OPERATION WITH VOLUNTARY BODIES.

Co-operation with voluntary bodies and outside agencies is maintained wherever possible. In particular, it should be mentioned that the Society for the Prevention of Cruelty to Children has always freely offered the services of its officers in the investigation of cases of persistent neglect, and the school medical service makes full use of this generous offer. Again, in regard to the after care of physically and mentally invalid children who have been pupils at the Committee's special schools, the various After Care Committees—one for each of the special schools—have worked in close co-operation with the school medical officers and the teachers of the special schools. These After Care Committees are entirely voluntary



and deserve a generous meed of praise for the excellent work which they perform. In connection with school holiday camps the services of senior members of Girl Guides' organisations have been much appreciated.

#### F. CO-OPERATION WITH TEACHERS AND PARENTS.

It has always been recognised that without the fullest co-operation with the head teachers and class teachers of the schools, the scheme of school medical inspection, supervision and treatment would fail to a large extent in its purpose. Hence, it has ever been the policy of the school medical officers to enlist the active sympathy of the members of the teaching staffs in the health and well-being of their pupils and in few instances, indeed, has this co-operation not been generously given.

All parents are afforded an opportunity of being present at the routine examination of their children, but for some years this has not been taken advantage of as fully as might be desired. When, however, a parent is notified to attend at a special examination of her child, it is a rare occurrence for the parent to be absent.

In recent years many of the schools have formed Parent-Teacher Associations, and members of the school medical and dental staffs have frequently given suitable addresses on health matters and dental hygiene to the members of the Associations. It is somewhat difficult to estimate the result of these propaganda addresses, but it is hoped that a generous proportion of the good seed fell on fertile soil.

#### 5. THE FINDINGS OF MEDICAL INSPECTION.

A detailed review of each condition discovered during routine medical inspection will have to be postponed till the present emergency is over, when the pressure on the time of the medical officers may be somewhat relaxed. It is sufficient to say, meantime, that the findings at the medical examination of the children during the past year were much as in recent years, and these have been fully commented upon in former reports.

Table II gives a full statistical record of the findings of the routine age-groups examined during the past year.

Amongst the "non-routine" cases examined at school the following were the numbers found to be more or less in need of



attention :—Clothing unsatisfactory, 99 ; unsatisfactory footgear, 8 ; unclean head, 177 ; unclean body, 57 ; impetigo (head), 52 ; other diseases of head, 16 ; ringworm of body, 1 ; impetigo (body), 102 ; scabies, 95 ; other skin diseases, 189 ; slight malnutrition, 66 ; bad malnutrition, 10 ; oral sepsis, 17 ; nasal conditions, 299 ; throat conditions, 256 ; glands, 56 ; external eye diseases, 421 ; visual acuity, 831 ; ear discharge, 154 ; defective hearing (slight), 61 ; speech defect, 40 ; mental and nervous conditions, 114 ; heart conditions, 103 ; lung conditions, 56 ; deformities, 42 ; infectious diseases, 24 ; other diseases or defects, 196 .

The work of the school medical officers is not merely confined to the examination of pupils at school and to attendance at the treatment clinics. Examination and report of large numbers of absentee children are undertaken, as well as special examination of cases of malnutrition, applicants for clothing, pupils applying for permission to engage in part-time employment, examinations under the Children and Young Persons (Scotland) Act, pupils desiring admission to residential domestic training centres, examination of Students in Preliminary Training, examination of all pupils in attendance at the special schools, examination of all cases of physical or mental defect prior to admission to a special school or institution, examinations under the Adult Blind Persons Act, etc. The following is a summary of the numbers examined in the above categories :—

(a) Absentee Children or Irregular Attenders,	238
(b) Physically and Mentally Invalid Children at Special Schools, ... ..	1,290
(c) Physically and Mentally Invalid Children not at Special Schools, ... ..	672
(d) Employment of Children Act, ... ..	907
(e) Children and Young Persons (Scotland) Act,	144
(f) Necessitous Children (Malnutrition, Boots, Clothing, etc.), ... ..	502
(g) Adult Blind Persons Act, ... ..	2
(h) Members of Education Committee's Staff,	29
(i) Pupils for Residential Domestic Training,	245
(j) Students in Preliminary Training, ... ..	11



Consultations with parents, running into many hundreds during the year, are a regular practice at the minor ailments clinics where advice is given regarding the present health of the children, diet, future care of the children, scholastic prospects, type of employment suitable after leaving school, and so on.

In connection with the Committee's Holiday Camp Scheme, each participant in the scheme is medically examined on at least two occasions prior to his or her departure to camp. During the past year, when 500 children attended the holiday camps, over 1,000 examinations were conducted by the medical officers. In addition, each of the camps was visited at least once weekly by a medical officer.

## 6. MEDICAL TREATMENT.

### A. MINOR AILMENTS.

As was foreshadowed in last year's Report, the Committee established two new clinics for the treatment of minor ailments during the past year. These clinics are situated at Coatbridge and Bellshill, both densely populated areas. The clinic at Coatbridge is held in the recently built Health Institute, and the rental to be paid for the use of the premises has been satisfactorily adjusted with the Burgh Authority. It may be said in passing that a school dental clinic and a visual clinic are also conducted in the same building. This centralisation of the treatment of the Coatbridge school children for all three conditions has proved very satisfactory.

The clinic at Bellshill is conducted at the Health Institute recently opened there. As in the case of Coatbridge, visual, dental and minor ailments treatment for school children in Bellshill area is centralised at the Institute. At both places there is provision for the administration of artificial light treatment. Bathing facilities are also available, a very great boon in the treatment of diseases of the skin, especially scabies.

There are now 11 clinics for the treatment of minor ailments of school children, 10 of which are staffed entirely by the Education Committee's medical and nursing staffs. One clinic (Shotts) is conducted by the Child Welfare staff of the County, and the local school children attend for treatment by arrangement with the Public Health Department. A new Health Institute is in course of erection

at Baillieston, and it is hoped to establish a minor ailments clinic there during the course of next session (1939-40).

Table VII gives in detail the numbers of children treated at the minor ailments clinics during the year, the total attendances made by the patients, and the nature of the ailments from which they suffered. The following is a summary of the total number of children treated and the attendances made at each clinic :—

Clinic.	Medical Officer.	No. of Children Treated.	Total Attendances.
Airdrie.	Dr. Darling.	2,145	8,211
Bellshill.	Dr. Cunningham.	344	1,389
Blantyre.	Dr. Cormack.	1,701	8,570
Cambuslang.	Dr. Cormack.	2,106	10,529
Coatbridge.	Dr. Darling.	1,190	5,491
Hamilton.	Dr. Mackenzie.	2,034	13,616
Larkhall.	Dr. Mackenzie.	1,169	7,692
Motherwell.	Dr. Young.	1,254	7,943
Rutherglen.	Dr. Cunningham.	2,024	10,976
Wishaw.	Dr. Young.	804	6,986
		<hr/>	<hr/>
		14,771	81,403
*Shotts.	Dr. Wilson.	306	2,576
		<hr/>	<hr/>
		15,077	83,979
		<hr/>	<hr/>

\* Conducted by staff of Public Health Department.

In addition to the above, the following attendances were made by pupils at the minor ailments clinics attached to the Committee's Special Schools :—

Drumpark Special School,	...	...	...	12,356
Knowetop Special School,	...	...	...	9,683
Dalton Special School, ...	...	...	...	8,680
				<hr/>
Total,	...	...	...	30,719
				<hr/>



## B. DEFECTIVE VISION AND SQUINT.

The routine testing of the visual acuity of all age-group children, with the exception of the entrants group, is undertaken at the time of the school medical examination, and, in addition, any child not included in the routine age-groups, suspected of having impaired vision, may also be presented to the medical officer for vision testing. In the case of the youngest children (entrants), all cases of squint, "peering," or other obvious eye defects are referred for fuller investigation.

Every case requiring expert advice is referred to the Committee's part-time eye specialists, of whom there are four, for full ophthalmoscopic examination, and, where necessary, prescriptions for correcting glasses are issued or advice given regarding other forms of treatment. If spectacles are prescribed, these may be obtained at a special contract price under the Committee's scheme of treatment. In cases of financial hardship, the spectacles may be provided free of cost to the parent.

All children who have had glasses prescribed by the school ophthalmic surgeons are recalled at an early date to have their glasses checked by the eye specialists. This is to ensure that the glasses are exactly in accordance with the prescription issued, that they are of good quality and are properly fitting. No child who comes under the care of the Committee's ophthalmic surgeons and who remains in the education area is lost sight of during the whole of his school life, and he is recalled at regular intervals for observation, and, if necessary, for full ophthalmoscopic re-examination. For the convenience of the pupils, ophthalmic clinics have been established at twenty-three centres throughout the County, as well as at the Committee's special schools.

During the year under review, the ophthalmic surgeons carried out full examination of 2,391 children, and re-examined 5,955. Spectacles were prescribed in 2,083 instances.

Unfortunately, it is not possible in this report to give in detail the very informative statistics submitted by the eye specialists, especially those dealing with the treatment of squint by partial occlusion and the diminution of permanent corneal opacities due to early and thorough treatment of inflammatory conditions of the eyes

at the Child Welfare Centres and the Committee's minor ailments clinics.

Table VI gives a summary of the work undertaken by each eye specialist during the year.

#### C. NOSE AND THROAT OPERATIVE TREATMENT.

As was indicated in last year's Report, there are now four centres in the County at which operative treatment for diseases of the ear, nose and throat can be afforded to school children, namely, Calderbank House, Baillieston; the Carnegie Health Institute, Motherwell; the Lady Home Hospital, Douglas; and the Lockhart Hospital, Lanark.

The operative treatment at Calderbank House is undertaken by the Committee's part-time specialist, Dr. Adam, whilst the treatment at Douglas and Lanark is by arrangement with the Directors of the local hospitals who have appointed a visiting surgeon for ear, nose and throat work. At Motherwell, the treatment of school children is by arrangement with the Burgh of Motherwell and Wishaw. The following is a summary of the operative treatment conducted during the year:—

##### *Calderbank House, Baillieston.*

(Dr. JAMES ADAM).

Number of cases examined, ... ..	375
Number of T. & A. cases operated upon, ...	207
Number of T. & A. and Ear cases operated upon, ...	59
Number of Ear cases only treated, ... ..	5
Number of cases of nasal resection, ... ..	2
Number of cases not requiring operation or where operation was deferred, ... ..	84
Number of cases treated for asthma, ... ..	18
	<hr/> 375 <hr/>

##### *Carnegie Health Institute, Motherwell.*

(Dr. R. A. GRAY).

Number of operations for Tonsils and Adenoids, ... ..	290
Number of attendances made by school children, ...	866
Time (in hours) occupied by specialist, ... ..	80
Time (in hours) occupied by anaesthetist, ... ..	53



*Lady Home Hospital, Douglas.*

(Dr. R. A. GRAY).

Number of school children treated for Tonsils and Adenoids, 28

*The Lockhart Hospital, Lanark.*

(Dr. C. E. SCOTT).

Number of school children treated for Tonsils and Adenoids, 57

## D. ORTHOPAEDIC TREATMENT.

Orthopaedic treatment was given to 70 children at one or other of the following hospitals and special boots or appliances were granted by the Committee at a cost of £174 11s. 6d. :—

Orthopaedic Hospital, Stonehouse.

Royal Hospital for Sick Children, Glasgow.

Victoria Infirmary, Glasgow.

Royal Infirmary, Glasgow.

Royal Hospital for Sick Children, Edinburgh.

Royal Infirmary, Edinburgh.

## 7. DENTAL INSPECTION AND TREATMENT.

Every pupil in attendance at school, irrespective of age or school attended (primary, secondary, or special school), comes under the care of the Committee's dental staff, and a dental inspection is conducted at least once yearly. Where treatment is considered necessary, this is offered, but no compulsion is brought to bear to have the treatment carried out. Persuasion, of course, may frequently be necessary both in the case of child and parent. Only when the child's health is seriously menaced or where there is evidence of deliberate parental neglect may recourse have to be had to the statutory powers governing such cases.

Treatment is undertaken either at fixed clinics (as in the case of densely populated areas) or by portable dental outfit (as in the case of country schools). In the latter case the head teacher's room or staff room is usually available, or it may be an empty class room, the housewifery room or laundry.



The following is a summary of the operative treatment undertaken by the dental officers:—

Dental Surgeon.	No. of Children Treated.	Extractions (temp. teeth).	Extractions (perm. teeth).	Fillings (Amal. or Cement).	Other treatment. (Cleaning, scaling, etc.).
Mr. Beattie, ...	3,966	6,168	1,135	1,486	207
Mr. Rankin, ...	4,005	5,015	1,697	1,490	2,474
Mr. Watson, ...	4,016	4,484	682	1,233	215
Mr. Kerr, ...	3,258	3,944	605	573	287
Mr. Gibson, ...	3,923	5,553	832	1,338	221
Miss Watson, ...	3,136	3,826	838	747	131
Miss Young,	} * 4,017	4,995	1,173	542	130
Mr. Reid,					
Miss Hinshelwood,					
	26,321	33,985	6,962	7,409	3,665

\* Miss Young resigned her appointment as school dentist on 16th January, 1939, and the work in her area was temporarily undertaken by Mr. Reid, L.D.S., until the appointment of Miss Hinshelwood, L.D.S., to the permanent dental staff on 15th May, 1939.

In addition to the dental treatment of school children undertaken by Mr. Rankin, he treated 15 pre-school children in Hamilton Burgh by arrangement with the Medical Officer of Health of the Burgh.

Table V shows in detail the work carried out by the dental officers during the past year.

## 8. SPECIAL SCHOOLS AND CLASSES.

The Committee has four schools specially devoted to the education of physically and mentally invalid children, and has also made provision for the education, at various institutions, of other exceptional children whose disability demands specialised educational methods, *e.g.*, blind, deaf-mutes, epileptics, etc.

The Committee's four special schools are as follows :—Drumpark (Coatbridge) ; Dalton (Cambuslang) ; Knowetop (Motherwell) ; and Woodburn (Hamilton).

(a) The number of *physically* invalid children on the registers as at 31st July, 1939, at each of these schools was as follows :—Drumpark, 189 ; Dalton, 163 ; Knowetop, 198 ; Woodburn, 130 ; a total of 680. In addition, there are 16 children receiving education at Eastpark Home for Infirm Children, Glasgow, and 4 at the Colony for Epileptics, Bridge-of-Weir.

(b) At the above special schools there are classes for high myope children, the number on the registers being 47. Blind children, or children who are educationally blind, are educated at the Edinburgh Royal Blind School or at St. Vincent's School for the Blind, Tollcross, Glasgow. The number of children at each of these Institutions is 13 and 3 respectively.

(c) At Woodburn Special School, Hamilton, there are classes for the education of deaf, deaf-mute, or educationally deaf children, the number on the roll being 32. In addition, certain children receive Institutional education, thus :—

St. Vincent's School for the Deaf, Tollcross, Glasgow, ...	20
Langside Deaf-Mute School, Glasgow, ... ..	3
Donaldson's School for the Deaf, Edinburgh, ...	21

(d) At each of the Committee's four special schools provision is made for the education of *mentally* invalid children, the numbers on the registers being as follows :—Drumpark, 110 ; Dalton, 56 ; Knowetop, 95 ; Woodburn, 84 ; a total of 345. In addition, certain children receive Institutional education, thus :—At Birkwood Certified Institution, Lesmahagow, 6 ; at St. Charles' Certified Institution, Carstairs, 2 ; at Larbert Certified Institution, 2.

## 9. ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE.

A. For a detailed account of the arrangements in force for the physical education of pupils, see Report for year 1929-30.



B. SWIMMING BATHS.—Where public baths are conveniently situated practically every school in the neighbourhood takes advantage of the facilities of the swimming ponds, and school swimming clubs are now a recognised feature of organised physical instruction.

C. PLAYING FIELDS.—There has been a steady increase in the number of playing fields attached to schools and inter-school sports are regularly held. Practically all Secondary schools and Advanced Division schools have their own recreation fields, whilst a large number of Primary schools have made arrangements whereby the use of local recreation grounds may be obtained.

D. SCHOOL CAMPS.—During the summer vacation, holiday camps were organised for the pupils. The children were selected from the more densely populated urban areas, and the camps were intended principally for those children who were not likely to obtain a holiday apart from that organised by the Committee. When the scheme was first introduced in the summer of 1938, provision was made for only 200 children, but this summer 500 children were given a week's holiday under the scheme. The Committee's intention is that these numbers shall progressively increase and the period of holiday be extended.

The holiday centres this year were situated at Lanark, Biggar, Douglas, Carnwath and Leadhills, and accommodation was afforded at the Committee's schools where there are good cooking facilities and ample accommodation for sleeping and recreation.

E. INSTRUCTION IN PERSONAL HYGIENE.—Instruction in hygiene forms part of the regular school curriculum, but, in addition, valuable advice is given to the more senior children and to the mothers attending the minor ailments clinics. No opportunity is lost in giving simple instructions in dental hygiene to the patients and parents by the dental staff. Perhaps practical instruction in personal hygiene reaches its highest point of efficiency at the Committee's special schools, where a weekly spray bath is part of the regular school routine, and where the use of the tooth-brush, tidiness of dress, brushing of the hair, and washing of the hands before meals are part of the daily round.



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

Under this heading might be classed the Committee's Scheme of feeding of necessitous children, the milk in schools scheme, supply of clothing, boots, tonic food, etc., all of which are important factors in maintaining the fitness of school children.

At the Committee's special schools all pupils are provided with a forenoon snack, consisting of a biscuit and milk, given at 10 a.m., and a two-course, hot, mid-day meal. Tonic food is also given as a daily routine to all physically invalid children in attendance. During the past year, 93,423 hot mid-day meals were given free at the special schools.

The scheme forecast in last year's report for the providing of hot mid-day meals to children attending ordinary schools came into operation on 15th February, 1939. The trial area selected by the Committee for the scheme was No. 6 School Management Area (Bothwell Parish), and the central cooking depot was located at Bellshill, as this was considered to be the most convenient centre for distribution purposes. The scheme, admittedly a trial venture, has afforded valuable data for any future extension of the scheme to other areas. From the time the scheme actually came into being in February till the 30th June, a period of four and a half months, 56,771 meals were provided free to necessitous school children, as well as a considerable number on a payment basis.

In regard to free milk at school, this was given throughout the year to 1,179 children, and tonic food to 79 children in attendance at ordinary schools.

Free clothing was provided in 54 cases to children who were certified by the school medical officers as being necessitous from the point of view of health.

The distribution of free boots is usually governed by a financial scale of necessity, and during the year under review 11,750 pairs of free boots were granted by the Committee.

As it has been the custom to include in the Report statistics regarding the "Milk in Schools" scheme, it is again given here for



the year 1938-39. The table shows the average number of children who partook of milk daily in school during each month of the year. Comparative figures for the year 1937-38 are also given :—

Month.				1938-39.	1937-38.
September,	...	...	...	37,120	35,525
October,	...	...	...	36,694	35,093
November,	...	...	...	35,178	34,151
December,	...	...	...	34,032	33,404
January,	...	...	...	33,600	32,977
February,	...	...	...	34,054	35,907
March, ...	...	...	...	35,363	36,324
April, ...	...	...	...	35,760	36,200
May, ...	...	...	...	36,988	37,358
June, ...	...	...	...	34,229	36,873

Propaganda on health subjects, to be really effective, must be continuous and not too obtrusive. The quiet, steady pressure maintained at the clinics (minor ailments, dental and visual) and at the medical examination of the pupils, when both scholars and parents are in a specially receptive mood, undoubtedly yields good results.

A good avenue of approach, however, is through the medium of sport, and especially is this so in the case of boys of, say, eleven years and upwards, when the desire to gain athletic distinction begins to manifest itself. The physical instructors and the teachers in charge of the sports side of school life should emphasize the complete relationship between good physical health and athletic prowess, and the reward of a place in the school team—whether football, swimming, hockey, tennis or gymnastic—should be the goal to be attained. Later, with pupils in their teens, legitimate pride in personal appearance—good carriage, sound dental condition, healthy skin, and good physical development—might well be fostered.

Very little can be said in favour of spasmodic "crusades" in regard to health propaganda, as these generally have little, if any, lasting effect. A lecture, unless the lecturer is exceedingly careful

to restrict himself to the more elementary canons of health, is apt to become much too technical. The mysteries of physiology may cause the pupils to "look at each other with a wild surmise," but the matter is soon forgotten by the great majority of the listeners amidst the many distractions of school life. And, in any case, few boys and girls like to be "lectured at."

At prize-giving day, the really whole-hearted and tumultuous applause of the pupils—and especially of the feminine portion of the audience—is almost invariably reserved for the all-conquering sports champion, and only in slightly lesser degree for the other young gladiators who excel in their own particular branch of sport. The dux in classics or mathematics is a star of only the third or fourth magnitude by comparison. This is illuminative and is a clear pointer as to how youthful enthusiasm may be captured.



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**TABLE I. (1938-39).**

Total number of children examined at

			(A) Systematic Examinations.	Other Systematic Examinations.
Ordinary Schools.	{	Entrants, ...	8,196	—
		Second Age Group, ...	8,685	—
		Third Age Group, ...	8,786	—
		Fourth Age Group, ...	7	—
Secondary Schools.	}	Age Group, ...	488	—
Total, ...			26,162	—

(B) Other Examinations :—

Special (Non-routine) Cases, 11,641

Re-inspections by Medical  
Officer, ... 5,451

Total, ... 17,092

Number of individual children inspected at systematic (routine) examinations who were notified to parents as requiring treatment (exclusive of uncleanliness and dental caries) :—

Entrants, ...	1,493
Second Age Group, ...	1,647
Third Age Group, ...	1,311
Fourth Age Group, ...	1
Secondary Age Group, ...	43
Other systematic examinations, ...	—
Total, ...	4,495



# TABLE I. 1975-76

Area covered: 1,000 sq. miles

Population: 10,000

Area	Population	Area	Population
1	1,000	2	1,000
3	1,000	4	1,000
5	1,000	6	1,000
7	1,000	8	1,000
9	1,000	10	1,000
11	1,000	12	1,000
13	1,000	14	1,000
15	1,000	16	1,000
17	1,000	18	1,000
19	1,000	20	1,000
21	1,000	22	1,000
23	1,000	24	1,000
25	1,000	26	1,000
27	1,000	28	1,000
29	1,000	30	1,000
31	1,000	32	1,000
33	1,000	34	1,000
35	1,000	36	1,000
37	1,000	38	1,000
39	1,000	40	1,000
41	1,000	42	1,000
43	1,000	44	1,000
45	1,000	46	1,000
47	1,000	48	1,000
49	1,000	50	1,000
51	1,000	52	1,000
53	1,000	54	1,000
55	1,000	56	1,000
57	1,000	58	1,000
59	1,000	60	1,000
61	1,000	62	1,000
63	1,000	64	1,000
65	1,000	66	1,000
67	1,000	68	1,000
69	1,000	70	1,000
71	1,000	72	1,000
73	1,000	74	1,000
75	1,000	76	1,000
77	1,000	78	1,000
79	1,000	80	1,000
81	1,000	82	1,000
83	1,000	84	1,000
85	1,000	86	1,000
87	1,000	88	1,000
89	1,000	90	1,000
91	1,000	92	1,000
93	1,000	94	1,000
95	1,000	96	1,000
97	1,000	98	1,000
99	1,000	100	1,000

Area	Population	Area	Population
101	1,000	102	1,000
103	1,000	104	1,000
105	1,000	106	1,000
107	1,000	108	1,000
109	1,000	110	1,000
111	1,000	112	1,000
113	1,000	114	1,000
115	1,000	116	1,000
117	1,000	118	1,000
119	1,000	120	1,000
121	1,000	122	1,000
123	1,000	124	1,000
125	1,000	126	1,000
127	1,000	128	1,000
129	1,000	130	1,000
131	1,000	132	1,000
133	1,000	134	1,000
135	1,000	136	1,000
137	1,000	138	1,000
139	1,000	140	1,000
141	1,000	142	1,000
143	1,000	144	1,000
145	1,000	146	1,000
147	1,000	148	1,000
149	1,000	150	1,000

Area covered: 1,000 sq. miles

Area	Population	Area	Population
151	1,000	152	1,000
153	1,000	154	1,000
155	1,000	156	1,000
157	1,000	158	1,000
159	1,000	160	1,000
161	1,000	162	1,000
163	1,000	164	1,000
165	1,000	166	1,000
167	1,000	168	1,000
169	1,000	170	1,000
171	1,000	172	1,000
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175	1,000	176	1,000
177	1,000	178	1,000
179	1,000	180	1,000
181	1,000	182	1,000
183	1,000	184	1,000
185	1,000	186	1,000
187	1,000	188	1,000
189	1,000	190	1,000
191	1,000	192	1,000
193	1,000	194	1,000
195	1,000	196	1,000
197	1,000	198	1,000
199	1,000	200	1,000

TABLE II. SYSTEMATIC EXAMINATIONS (1938-39).

	No. Examined	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15																																																																																																																																																																																																																																																																																																																																																																																																																				
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TABLE II.

1900		1901		1902		1903		1904		1905		1906		1907		1908		1909		1910		1911		1912		1913		1914		1915		1916		1917		1918		1919		1920		1921		1922		1923		1924		1925		1926		1927		1928		1929		1930		1931		1932		1933		1934		1935		1936		1937		1938		1939		1940		1941		1942		1943		1944		1945		1946		1947		1948		1949		1950		1951		1952		1953		1954		1955		1956		1957		1958		1959		1960		1961		1962		1963		1964		1965		1966		1967		1968		1969		1970		1971		1972		1973		1974		1975		1976		1977		1978		1979		1980		1981		1982		1983		1984		1985		1986		1987		1988		1989		1990		1991		1992		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		2031		2032		2033		2034		2035		2036		2037		2038		2039		2040		2041		2042		2043		2044		2045		2046		2047		2048		2049		2050		2051		2052		2053		2054		2055		2056		2057		2058		2059		2060		2061		2062		2063		2064		2065		2066		2067		2068		2069		2070		2071		2072		2073		2074		2075		2076		2077		2078		2079		2080		2081		2082		2083		2084		2085		2086		2087		2088		2089		2090		2091		2092		2093		2094		2095		2096		2097		2098		2099		2100		2101		2102		2103		2104		2105		2106		2107		2108		2109		2110		2111		2112		2113		2114		2115		2116		2117		2118		2119		2120		2121		2122		2123		2124		2125		2126		2127		2128		2129		2130		2131		2132		2133		2134		2135		2136		2137		2138		2139		2140		2141		2142		2143		2144		2145		2146		2147		2148		2149		2150		2151		2152		2153		2154		2155		2156		2157		2158		2159		2160		2161		2162		2163		2164		2165		2166		2167		2168		2169		2170		2171		2172		2173		2174		2175		2176		2177		2178		2179		2180		2181		2182		2183		2184		2185		2186		2187		2188		2189		2190		2191		2192		2193		2194		2195		2196		2197		2198		2199		2200		2201		2202		2203		2204		2205		2206		2207		2208		2209		2210		2211		2212		2213		2214		2215		2216		2217		2218		2219		2220		2221		2222		2223		2224		2225		2226		2227		2228		2229		2230		2231		2232		2233		2234		2235		2236		2237		2238		2239		2240		2241		2242		2243		2244		2245		2246		2247		2248		2249		2250		2251		2252		2253		2254		2255		2256		2257		2258		2259		2260		2261		2262		2263		2264		2265		2266		2267		2268		2269		2270		2271		2272		2273		2274		2275		2276		2277		2278		2279		2280		2281		2282		2283		2284		2285		2286		2287		2288		2289		2290		2291		2292		2293		2294		2295		2296		2297		2298		2299		2300		2301		2302		2303		2304		2305		2306		2307		2308		2309		2310		2311		2312		2313		2314		2315		2316		2317		2318		2319		2320		2321		2322		2323		2324		2325		2326		2327		2328		2329		2330		2331		2332		2333		2334		2335		2336		2337		2338		2339		2340		2341		2342		2343		2344		2345		2346		2347		2348		2349		2350		2351		2352		2353		2354		2355	
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**TABLE III. (1938-39).**

**SYSTEMATIC MEDICAL EXAMINATIONS.**

CLASSIFICATION.	ENTRANTS.		SECOND AGE GROUP.		THIRD AGE GROUP.		FOURTH AGE GROUP.		TOTAL.	
	No. of Children.	Per-centage.	No. of Children.	Per-centage.	No. of Children.	Per-centage.	No. of Children.	Per-centage.	No. of Children.	Per-centage.
I. Children free from defects,	4,451	54.31	4,416	50.85	4,926	56.07	313	63.23	14,106	53.92
II. Children (otherwise free from defects) who suffer from :—										
(a) Defective Vision not worse than 6/12 in the better eye, with or without glasses ;	48	.59	1,071	12.33	1,111	12.65	79	15.96	2,309	8.83
or (b) Conditions of mouth or teeth requiring treatment, ...	29	.35	9	.10	16	.18	2	.40	56	.21
(c) Both (a) and (b), ...	—	—	1	.01	1	.01	—	—	2	.01
Total, ...	77	.94	1,081	12.44	1,128	12.84	81	16.36	2,367	9.05
III. Children suffering from ailments (other than those mentioned in II.) from which complete recovery is anticipated within a few weeks, ...	2,328	28.40	2,080	23.95	1,742	19.83	70	14.14	6,220	23.77
IV. Children suffering from defects where										
(a) Complete cure may ultimately be expected, ...	1,224	14.93	875	10.08	630	7.17	9	1.82	2,738	10.46
(b) Improvement only may be expected, ...	116	1.42	233	2.68	360	4.09	22	4.45	731	2.80
Total, ...	1,340	16.35	1,108	12.76	990	11.26	31	6.27	3,469	13.26
Total No. of children Examined, ...	8,196	100%	8,685	100%	8,786	100%	495	100%	26,162	100%



# TABLE III.

## SYSTEMATIC MEDICAL

DISEASE	SYMPTOMS	TREATMENT	PROGNOSIS	REMARKS
1. Malaria	Intermittent fever, chills, sweats, headache, nausea, vomiting, diarrhoea.	Quinine, iron, and tonic.	Favourable.	See also Table I.
2. Typhoid	Continued fever, headache, delirium, diarrhoea, rose spots.	Salicylate, iron, and tonic.	Favourable.	See also Table I.
3. Diphtheria	Local inflammation of throat, fever, prostration.	Antitoxin, rest, and tonic.	Favourable.	See also Table I.
4. Scarlet fever	High fever, sore throat, rash, desquamation.	Antipyretics, rest, and tonic.	Favourable.	See also Table I.
5. Measles	Low fever, cough, coryza, rash.	Supportive treatment.	Favourable.	See also Table I.
6. Rubella	Low fever, lymphadenitis, rash.	Supportive treatment.	Favourable.	See also Table I.
7. Smallpox	High fever, prostration, vesicular eruption.	Antipyretics, rest, and tonic.	Favourable.	See also Table I.
8. Chickenpox	Low fever, vesicular eruption.	Supportive treatment.	Favourable.	See also Table I.
9. Eczema	Itchy, inflamed skin with vesicles or scales.	Local treatment with antipruritics.	Favourable.	See also Table I.
10. Psoriasis	Chronic, recurrent, scaly patches on skin.	Local treatment with keratolytics.	Favourable.	See also Table I.
11. Syphilis	Varied symptoms, including skin lesions, bone pain, and systemic effects.	Mercury, arsenic, and other specific treatments.	Favourable.	See also Table I.
12. Gonorrhoea	Painful urination, discharge from urethra.	Antiseptics and supportive treatment.	Favourable.	See also Table I.
13. Venereal disease	Various forms, including skin lesions and systemic effects.	Specific treatment for each form.	Favourable.	See also Table I.
14. Tuberculosis	Chronic disease with cough, sputum, and weight loss.	Rest, nutrition, and specific treatments.	Favourable.	See also Table I.
15. Consumption	Advanced stage of tuberculosis with haemoptysis and cachexia.	Supportive treatment and rest.	Favourable.	See also Table I.
16. Phthisis	Chronic lung disease with cough and sputum.	Supportive treatment and rest.	Favourable.	See also Table I.
17. Asthma	Paroxysmal wheezing and shortness of breath.	Antispasmodics and rest.	Favourable.	See also Table I.
18. Bronchitis	Inflammation of bronchi with cough and sputum.	Expectorants and rest.	Favourable.	See also Table I.
19. Pneumonia	Acute inflammation of lung tissue with fever and cough.	Antipyretics and rest.	Favourable.	See also Table I.
20. Pleurisy	Inflammation of pleural membranes with chest pain.	Antipyretics and rest.	Favourable.	See also Table I.
21. Empyema	Purulent collection in pleural cavity.	Drainage and antiseptics.	Favourable.	See also Table I.
22. Peritonitis	Inflammation of peritoneum with abdominal pain.	Antipyretics and rest.	Favourable.	See also Table I.
23. Appendicitis	Pain in right lower abdomen.	Antipyretics and rest.	Favourable.	See also Table I.
24. Diverticulitis	Inflammation of diverticula in large intestine.	Antipyretics and rest.	Favourable.	See also Table I.
25. Colitis	Inflammation of colon with diarrhoea and pain.	Antipyretics and rest.	Favourable.	See also Table I.
26. Proctitis	Inflammation of rectum with pain and discharge.	Antipyretics and rest.	Favourable.	See also Table I.
27. Hemorrhoids	Swollen, inflamed veins in rectum.	Local treatment and rest.	Favourable.	See also Table I.
28. Stricture	Narrowing of urethra or other canal.	Local treatment and rest.	Favourable.	See also Table I.
29. Syphilis	Various forms, including skin lesions and systemic effects.	Specific treatment for each form.	Favourable.	See also Table I.
30. Gonorrhoea	Painful urination, discharge from urethra.	Antiseptics and supportive treatment.	Favourable.	See also Table I.
31. Venereal disease	Various forms, including skin lesions and systemic effects.	Specific treatment for each form.	Favourable.	See also Table I.
32. Tuberculosis	Chronic disease with cough, sputum, and weight loss.	Rest, nutrition, and specific treatments.	Favourable.	See also Table I.
33. Consumption	Advanced stage of tuberculosis with haemoptysis and cachexia.	Supportive treatment and rest.	Favourable.	See also Table I.
34. Phthisis	Chronic lung disease with cough and sputum.	Supportive treatment and rest.	Favourable.	See also Table I.
35. Asthma	Paroxysmal wheezing and shortness of breath.	Antispasmodics and rest.	Favourable.	See also Table I.
36. Bronchitis	Inflammation of bronchi with cough and sputum.	Expectorants and rest.	Favourable.	See also Table I.
37. Pneumonia	Acute inflammation of lung tissue with fever and cough.	Antipyretics and rest.	Favourable.	See also Table I.
38. Pleurisy	Inflammation of pleural membranes with chest pain.	Antipyretics and rest.	Favourable.	See also Table I.
39. Empyema	Purulent collection in pleural cavity.	Drainage and antiseptics.	Favourable.	See also Table I.
40. Peritonitis	Inflammation of peritoneum with abdominal pain.	Antipyretics and rest.	Favourable.	See also Table I.
41. Appendicitis	Pain in right lower abdomen.	Antipyretics and rest.	Favourable.	See also Table I.
42. Diverticulitis	Inflammation of diverticula in large intestine.	Antipyretics and rest.	Favourable.	See also Table I.
43. Colitis	Inflammation of colon with diarrhoea and pain.	Antipyretics and rest.	Favourable.	See also Table I.
44. Proctitis	Inflammation of rectum with pain and discharge.	Antipyretics and rest.	Favourable.	See also Table I.
45. Hemorrhoids	Swollen, inflamed veins in rectum.	Local treatment and rest.	Favourable.	See also Table I.
46. Stricture	Narrowing of urethra or other canal.	Local treatment and rest.	Favourable.	See also Table I.
47. Syphilis	Various forms, including skin lesions and systemic effects.	Specific treatment for each form.	Favourable.	See also Table I.
48. Gonorrhoea	Painful urination, discharge from urethra.	Antiseptics and supportive treatment.	Favourable.	See also Table I.
49. Venereal disease	Various forms, including skin lesions and systemic effects.	Specific treatment for each form.	Favourable.	See also Table I.
50. Tuberculosis	Chronic disease with cough, sputum, and weight loss.	Rest, nutrition, and specific treatments.	Favourable.	See also Table I.
51. Consumption	Advanced stage of tuberculosis with haemoptysis and cachexia.	Supportive treatment and rest.	Favourable.	See also Table I.
52. Phthisis	Chronic lung disease with cough and sputum.	Supportive treatment and rest.	Favourable.	See also Table I.
53. Asthma	Paroxysmal wheezing and shortness of breath.	Antispasmodics and rest.	Favourable.	See also Table I.
54. Bronchitis	Inflammation of bronchi with cough and sputum.	Expectorants and rest.	Favourable.	See also Table I.
55. Pneumonia	Acute inflammation of lung tissue with fever and cough.	Antipyretics and rest.	Favourable.	See also Table I.
56. Pleurisy	Inflammation of pleural membranes with chest pain.	Antipyretics and rest.	Favourable.	See also Table I.
57. Empyema	Purulent collection in pleural cavity.	Drainage and antiseptics.	Favourable.	See also Table I.
58. Peritonitis	Inflammation of peritoneum with abdominal pain.	Antipyretics and rest.	Favourable.	See also Table I.
59. Appendicitis	Pain in right lower abdomen.	Antipyretics and rest.	Favourable.	See also Table I.
60. Diverticulitis	Inflammation of diverticula in large intestine.	Antipyretics and rest.	Favourable.	See also Table I.
61. Colitis	Inflammation of colon with diarrhoea and pain.	Antipyretics and rest.	Favourable.	See also Table I.
62. Proctitis	Inflammation of rectum with pain and discharge.	Antipyretics and rest.	Favourable.	See also Table I.
63. Hemorrhoids	Swollen, inflamed veins in rectum.	Local treatment and rest.	Favourable.	See also Table I.
64. Stricture	Narrowing of urethra or other canal.	Local treatment and rest.	Favourable.	See also Table I.
65. Syphilis	Various forms, including skin lesions and systemic effects.	Specific treatment for each form.	Favourable.	See also Table I.
66. Gonorrhoea	Painful urination, discharge from urethra.	Antiseptics and supportive treatment.	Favourable.	See also Table I.
67. Venereal disease	Various forms, including skin lesions and systemic effects.	Specific treatment for each form.	Favourable.	See also Table I.
68. Tuberculosis	Chronic disease with cough, sputum, and weight loss.	Rest, nutrition, and specific treatments.	Favourable.	See also Table I.
69. Consumption	Advanced stage of tuberculosis with haemoptysis and cachexia.	Supportive treatment and rest.	Favourable.	See also Table I.
70. Phthisis	Chronic lung disease with cough and sputum.	Supportive treatment and rest.	Favourable.	See also Table I.
71. Asthma	Paroxysmal wheezing and shortness of breath.	Antispasmodics and rest.	Favourable.	See also Table I.
72. Bronchitis	Inflammation of bronchi with cough and sputum.	Expectorants and rest.	Favourable.	See also Table I.
73. Pneumonia	Acute inflammation of lung tissue with fever and cough.	Antipyretics and rest.	Favourable.	See also Table I.
74. Pleurisy	Inflammation of pleural membranes with chest pain.	Antipyretics and rest.	Favourable.	See also Table I.
75. Empyema	Purulent collection in pleural cavity.	Drainage and antiseptics.	Favourable.	See also Table I.
76. Peritonitis	Inflammation of peritoneum with abdominal pain.	Antipyretics and rest.	Favourable.	See also Table I.
77. Appendicitis	Pain in right lower abdomen.	Antipyretics and rest.	Favourable.	See also Table I.
78. Diverticulitis	Inflammation of diverticula in large intestine.	Antipyretics and rest.	Favourable.	See also Table I.
79. Colitis	Inflammation of colon with diarrhoea and pain.	Antipyretics and rest.	Favourable.	See also Table I.
80. Proctitis	Inflammation of rectum with pain and discharge.	Antipyretics and rest.	Favourable.	See also Table I.
81. Hemorrhoids	Swollen, inflamed veins in rectum.	Local treatment and rest.	Favourable.	See also Table I.
82. Stricture	Narrowing of urethra or other canal.	Local treatment and rest.	Favourable.	See also Table I.
83. Syphilis	Various forms, including skin lesions and systemic effects.	Specific treatment for each form.	Favourable.	See also Table I.
84. Gonorrhoea	Painful urination, discharge from urethra.	Antiseptics and supportive treatment.	Favourable.	See also Table I.
85. Venereal disease	Various forms, including skin lesions and systemic effects.	Specific treatment for each form.	Favourable.	See also Table I.
86. Tuberculosis	Chronic disease with cough, sputum, and weight loss.	Rest, nutrition, and specific treatments.	Favourable.	See also Table I.
87. Consumption	Advanced stage of tuberculosis with haemoptysis and cachexia.	Supportive treatment and rest.	Favourable.	See also Table I.
88. Phthisis	Chronic lung disease with cough and sputum.	Supportive treatment and rest.	Favourable.	See also Table I.
89. Asthma	Paroxysmal wheezing and shortness of breath.	Antispasmodics and rest.	Favourable.	See also Table I.
90. Bronchitis	Inflammation of bronchi with cough and sputum.	Expectorants and rest.	Favourable.	See also Table I.
91. Pneumonia	Acute inflammation of lung tissue with fever and cough.	Antipyretics and rest.	Favourable.	See also Table I.
92. Pleurisy	Inflammation of pleural membranes with chest pain.	Antipyretics and rest.	Favourable.	See also Table I.
93. Empyema	Purulent collection in pleural cavity.	Drainage and antiseptics.	Favourable.	See also Table I.
94. Peritonitis	Inflammation of peritoneum with abdominal pain.	Antipyretics and rest.	Favourable.	See also Table I.
95. Appendicitis	Pain in right lower abdomen.	Antipyretics and rest.	Favourable.	See also Table I.
96. Diverticulitis	Inflammation of diverticula in large intestine.	Antipyretics and rest.	Favourable.	See also Table I.
97. Colitis	Inflammation of colon with diarrhoea and pain.	Antipyretics and rest.	Favourable.	See also Table I.
98. Proctitis	Inflammation of rectum with pain and discharge.	Antipyretics and rest.	Favourable.	See also Table I.
99. Hemorrhoids	Swollen, inflamed veins in rectum.	Local treatment and rest.	Favourable.	See also Table I.
100. Stricture	Narrowing of urethra or other canal.	Local treatment and rest.	Favourable.	See also Table I.

TABLE IV. (1938-39).

RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE  
IN THE AREA.

Disability.	At Ordinary Schools.	At Special Schools or Classes.	Total.
11. Blind, ... ..	—	16	16
12. Partially sighted—			
(a) Refractive errors in which the curricu- lum of an ordinary school would adversely affect the eye condition,	—	51	51
(b) Other conditions of the eye, <i>e.g.</i> , cataract, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school, ... ..	—	31	31
13. Deaf—			
Grade IIA, ... ..	171	—	171
Grade IIB, ... ..	3	8	11
Grade III, ... ..	1	76	77
14. Defective Speech—			
(a) Defects of articulation requiring special educational measures, ... ..	—	—	—
(b) Stammering requiring special educa- tional measures, ... ..	53	6	59
15. Mentally Defective (Children between 5 and 16 years)—			
(a) Educable (I.Q. approximately 50-70),	67	355	422
(b) Ineducable (I.Q. generally less than 50), ... ..	—	—	—
16. Epilepsy—			
(a) Mild and occasional, ... ..	8	30	38
(b) Severe (suitable for care in a residential school), ... ..	3	4	7
17. Physically Defective (Children between 5 and 16 years)—			
(a) Non-pulmonary tuberculosis (exclud- ing cervical glands), ...	28	41	69
(b) General orthopaedic conditions, ...	245	107	352
(c) Organic heart disease, ... ..	202	78	280
(d) Other causes of ill-health, ... ..	121	440	561
18. Multiple Defects—			
(a), ... ..	—	*180	180
(b), ... ..	—	†135	135

\* Mental Defect plus one or more physical defects.

† More than one physical defect.





# TABLE VI. (1938-39).

## VISUAL TREATMENT.

Following number of children who received full ophthalmic examination, number re-examined, and the number for whom spectacles were prescribed or who were otherwise treated.

TREATMENT CENTRE.	Number of Children Examined.	Number of Children Re-examined.	Total Attendances.	Number for whom Spectacles were prescribed.	Number Treated otherwise or Advised.	Cases uncompleted and Cases not requiring Treatment.
<b>JOHN A. MORTIMER.</b>						
Blantyre ... ..	83	194	277	80	3	—
Cadder ... .. (Bishopbriggs and Chryston)	55	132	187	48	7	—
Carlisle ... ..	48	125	173	42	6	—
East Kilbride ... ..	13	12	25	11	1	1
Lanark ... ..	103	246	349	96	7	—
Larkhall ... ..	133	200	333	120	13	—
Shotts ... ..	87	138	225	75	12	—
Strathaven ... ..	27	83	110	20	7	—
Uddingston ... ..	68	259	327	61	7	—
Wishaw ... ..	192	456	648	165	27	—
Knowetop Special School ...	45	88	133	39	6	—
<b>H. SOMERVILLE MARTYN.</b>						
Abington ... ..	7	70	77	4	3	—
Airdrie ... ..	213	411	624	179	29	5
Baillieston ... ..	89	258	347	77	7	5
Bellshill ... ..	163	524	687	143	17	3
Biggar ... ..	24	37	61	20	3	1
Bambuslang ... ..	88	321	409	73	12	3
Barnwath ... ..	29	41	70	15	10	4
Besmahagow ... ..	44	109	153	34	8	2
Rutherglen ... ..	80	365	445	70	6	4
Dalton Special School ...	14	35	49	10	4	—
Drumpark Special School ...	24	59	83	16	8	—
<b>JAMES HILL.</b>						
Motherwell ... ..	273	541	814	237	36	—
<b>JAMES R. WATSON.</b>						
Coatbridge ... ..	257	536	739	236	21	—
Glasgow ... ..	232	715	947	212	20	—
<b>TOTAL</b> ... ..	<b>2,391</b>	<b>5,955</b>	<b>8,346</b>	<b>2,083</b>	<b>280</b>	<b>28</b>





TABLE V.

## DENTAL INSPECTION AND TREATMENT (1938-39).

SCHOOL, GOVERNMENT AREA.	NUMBERS EXAMINED																		NUMBERS NOTIFIED		Total.	Percentage of Pupils Requiring Treatment.	Number of Pupils Treated.	Number of Alloys made for Treatment.	EXTRACTIONS				FILLINGS				OTHER TREATMENT		Number of General Anesthetic Cases.	TREATERS		Number of Pupils Treated Privately.	NUMBER OF PUPILS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
																			Boys.	Girls.					EXTRACTIONS		FILLINGS		OTHER TREATMENT		Treat-ment.	Inspec-tion.		Nume-ber.		TOTAL NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	2 yrs.	3 yrs.	4 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	Total.		Temp.					Perm.	Temp.	Perm.	Temp.	Perm.	Temp.									Perm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Area No. 1.	77	89	116	115	107	110	119	155	114	51	17	4	2	1	1,031	302	283	585	56.7	490	436	773	186	—	162	—	10	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

\* These numbers could not be obtained with any degree of accuracy and, consequently, are not shown.



# TABLE VII (1933)

1933		1932		1931		1930		1929		1928		1927		1926		1925		1924		1923		1922		1921		1920		1919		1918		1917		1916		1915		1914		1913		1912		1911		1910		1909		1908		1907		1906		1905		1904		1903		1902		1901		1900		1899		1898		1897		1896		1895		1894		1893		1892		1891		1890		1889		1888		1887		1886		1885		1884		1883		1882		1881		1880		1879		1878		1877		1876		1875		1874		1873		1872		1871		1870		1869		1868		1867		1866		1865		1864		1863		1862		1861		1860		1859		1858		1857		1856		1855		1854		1853		1852		1851		1850		1849		1848		1847		1846		1845		1844		1843		1842		1841		1840		1839		1838		1837		1836		1835		1834		1833		1832		1831		1830		1829		1828		1827		1826		1825		1824		1823		1822		1821		1820		1819		1818		1817		1816		1815		1814		1813		1812		1811		1810		1809		1808		1807		1806		1805		1804		1803		1802		1801		1800		1799		1798		1797		1796		1795		1794		1793		1792		1791		1790		1789		1788		1787		1786		1785		1784		1783		1782		1781		1780		1779		1778		1777		1776		1775		1774		1773		1772		1771		1770		1769		1768		1767		1766		1765		1764		1763		1762		1761		1760		1759		1758		1757		1756		1755		1754		1753		1752		1751		1750		1749		1748		1747		1746		1745		1744		1743		1742		1741		1740		1739		1738		1737		1736		1735		1734		1733		1732		1731		1730		1729		1728		1727		1726		1725		1724		1723		1722		1721		1720		1719		1718		1717		1716		1715		1714		1713		1712		1711		1710		1709		1708		1707		1706		1705		1704		1703		1702		1701		1700		1699		1698		1697		1696		1695		1694		1693		1692		1691		1690		1689		1688		1687		1686		1685		1684		1683		1682		1681		1680		1679		1678		1677		1676		1675		1674		1673		1672		1671		1670		1669		1668		1667		1666		1665		1664		1663		1662		1661		1660		1659		1658		1657		1656		1655		1654		1653		1652		1651		1650		1649		1648		1647		1646		1645		1644		1643		1642		1641		1640		1639		1638		1637		1636		1635		1634		1633		1632		1631		1630		1629		1628		1627		1626		1625		1624		1623		1622		1621		1620		1619		1618		1617		1616		1615		1614		1613		1612		1611		1610		1609		1608		1607		1606		1605		1604		1603		1602		1601		1600		1599		1598		1597		1596		1595		1594		1593		1592		1591		1590		1589		1588		1587		1586		1585		1584		1583		1582		1581		1580		1579		1578		1577		1576		1575		1574		1573		1572		1571		1570		1569		1568		1567		1566		1565		1564		1563		1562		1561		1560		1559		1558		1557		1556		1555		1554		1553		1552		1551		1550		1549		1548		1547		1546		1545		1544		1543		1542		1541		1540		1539		1538		1537		1536		1535		1534		1533		1532		1531		1530		1529		1528		1527		1526		1525		1524		1523		1522		1521		1520		1519		1518		1517		1516		1515		1514		1513		1512		1511		1510		1509		1508		1507		1506		1505		1504		1503		1502		1501		1500		1499		1498		1497		1496		1495		1494		1493		1492		1491		1490		1489		1488		1487		1486		1485		1484		1483		1482		1481		1480		1479		1478		1477		1476		1475		1474		1473		1472		1471		1470		1469		1468		1467		1466		1465		1464		1463		1462		1461		1460		1459		1458		1457		1456		1455		1454		1453		1452		1451		1450		1449		1448		1447		1446		1445		1444		1443		1442		1441		1440		1439		1438		1437		1436		1435		1434		1433		1432		1431		1430		1429		1428		1427		1426		1425		1424		1423		1422		1421		1420		1419		1418		1417		1416		1415		1414		1413		1412		1411		1410		1409		1408		1407		1406		1405		1404		1403		1402		1401		1400		1399		1398		1397		1396		1395		1394		1393		1392		1391		1390		1389		1388		1387		1386		1385		1384		1383		1382		1381		1380		1379		1378		1377		1376		1375		1374		1373		1372		1371		1370		1369		1368		1367		1366		1365		1364		1363		1362		1361		1360		1359		1358		1357		1356		1355		1354		1353		1352		1351		1350		1349		1348		1347		1346		1345		1344		1343		1342		1341		1340		1339		1338		1337		1336		1335		1334		1333		1332		1331		1330		1329		1328		1327		1326		1325		1324		1323		1322		1321		1320		1319		1318		1317		1316		1315		1314		1313		1312		1311		1310		1309		1308		1307		1306		1305		1304		1303		1302		1301		1300		1299		1298		1297		1296		1295		1294		1293		1292		1291		1290		1289		1288		1287		1286		1285		1284		1283		1282		1281		1280		1279		1278		1277		1276		1275		1274		1273		1272		1271		1270		1269		1268		1267		1266		1265		1264		1263		1262		1261		1260		1259		1258		1257		1256		1255		1254		1253		1252		1251		1250		1249		1248		1247		1246		1245		1244		1243		1242		1241		1240		1239		1238		1237		1236		1235		1234		1233		1232		1231		1230		1229		1228		1227		1226		1225		1224		1223		1222		1221		1220		1219		1218		1217		1216		1215		1214		1213		1212		1211		1210		1209		1208		1207		1206		1205		1204		1203		1202		1201		1200		1199		1198		1197		1196		1195		1194		1193		1192		1191		1190		1189		1188		1187		1186		1185		1184		1183		1182		1181		1180		1179		1178		1177		1176		1175		1174		1173		1172		1171		1170		1169		1168		1167		1166		1165		1164		1163		1162		1161		1160		1159		1158		1157		1156		1155		1154		1153		1152		1151		1150		1149		1148		1147		1146		1145		1144		1143		1142		1141		1140		1139		1138		1137		1136		1135		1134		1133		1132		1131		1130		1129		1128		1127		1126		1125		1124		1123		1122		1121		1120		1119		1118		1117		1116		1115		1114		1113		1112		1111		1110		1109		1108		1107		1106		1105		1104		1103		1102		1101		11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