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Contributors

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INSTITUTE OF SOCIAL
MEDICINE
10, PARKS ROAD,
OXFORD

C O U N T Y O F C A I T H N E S S

-----oOo-----

REPORT

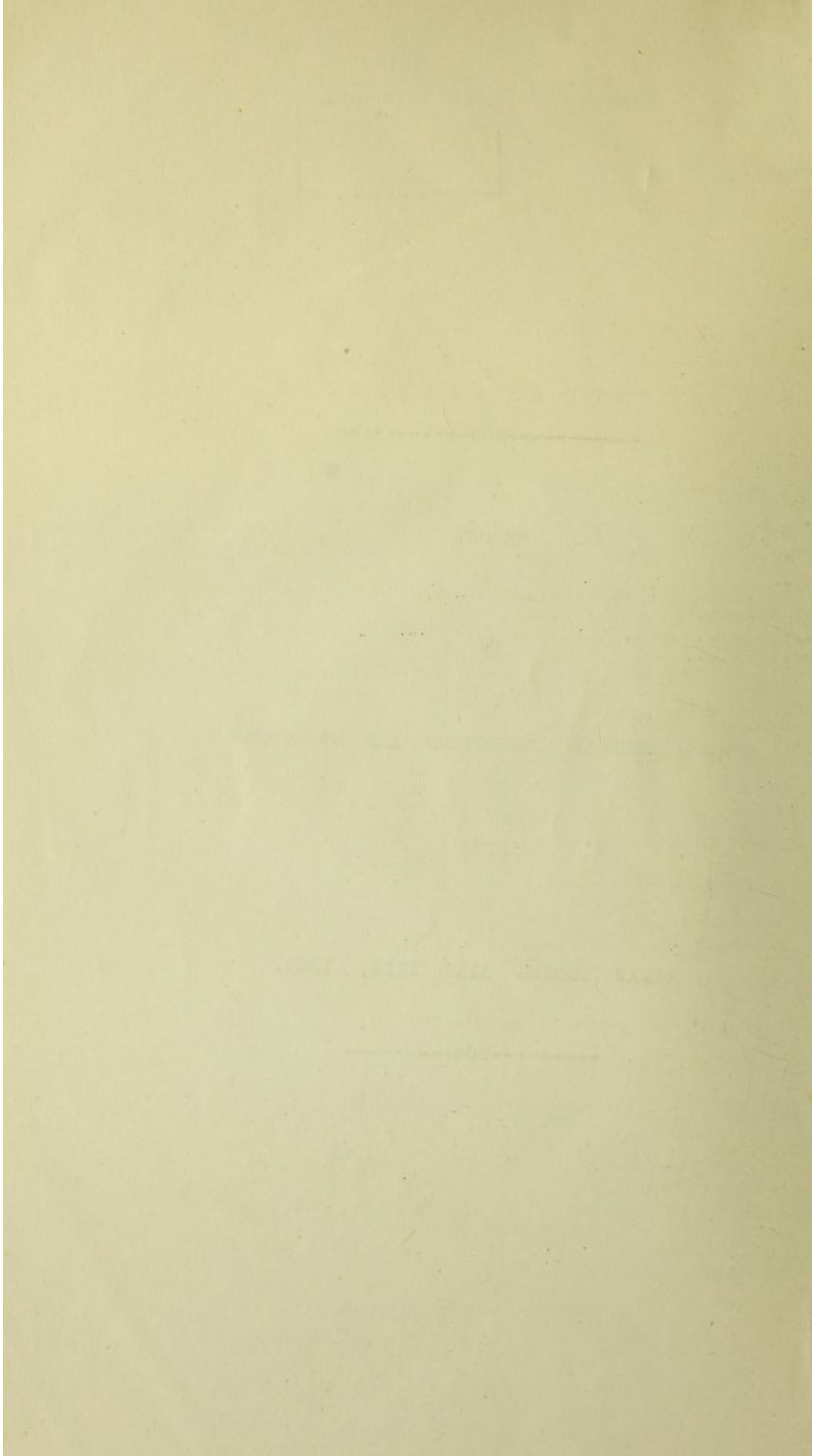
OF

SCHOOL MEDICAL INSPECTION AND TREATMENT

FOR

YEAR ENDING 31ST JULY, 1948.

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Q12

YEAR 1947 - 1948.

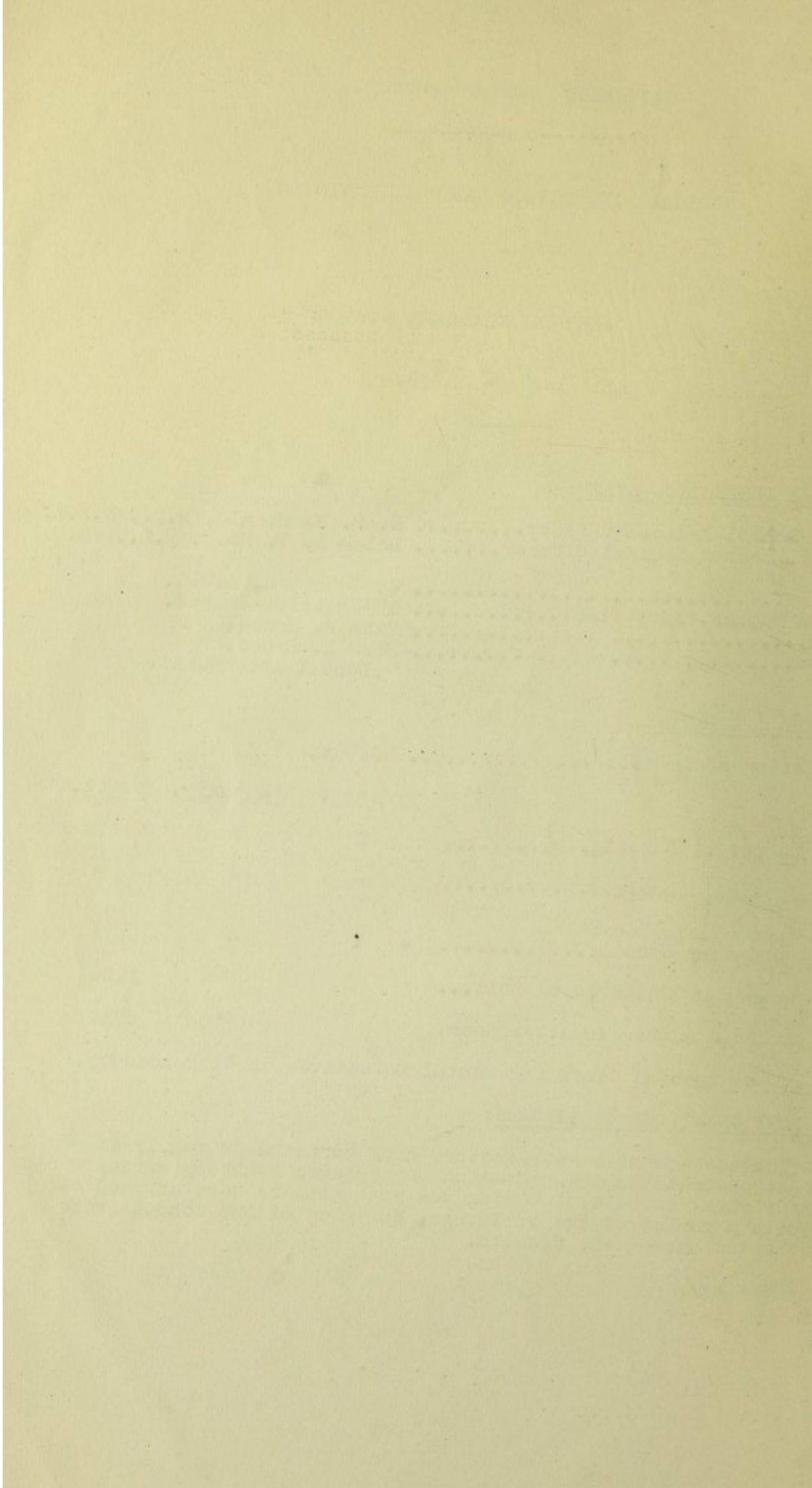
Chief School Medical Officer.....	R. F. Macdonald, M.D., D.P.H.
Assist. School Medical Officer.....	Helen R. T. Hood, M.E., Ch.B., D.P.H.
Dentist.....	J. Johnston, L.D.S.
School Nurses.(Part Time).....	17 District Nurses.
Clerk.....	Miss M. Bruce.
Others.....	Miss M. Bruce. (Dental Attendant).

Population of Area..... 23,682.

	<u>Primary.</u>	<u>Secondary.</u>	<u>Total.</u>
Number of Schools.....	52	5	57
Special Schools.....	-	-	-
Special classes in ordinary Schools.....	H 1	-	1
Number of Children on roll...			3896
Average number in attendance.			3710

SANITARY CONDITION OF SCHOOLS:

Heating/



Heating in the large modern schools is quite satisfactory but it is difficult to keep many of the small country schools comfortably warm.

ORGANISATION AND ADMINISTRATION.

System of Medical Inspection:

Routine examinations were carried out on all Entrants, and on Entrants from other counties not in possession of a Medical Card, and on all children born in the years 1938, 1934 and 1931. Children missed through absence at previous visits were also examined. Children born in the year 1940 were tested for visual acuity and hearing. Children found at a previous visit to have a defect or be verminous were reinspected, and children presented by parents, teacher, or nurse for a special reason were seen. Special visits were paid to schools to investigate suspected infectious conditions and for other specific reasons. The schools were also visited to carry out Diphtheria Immunisations, and visits were paid for the purpose of carrying out mental tests on backward and mentally defective children.

The District Nurses assist at the medical inspection, and pay periodic visits to the schools to supervise cleanliness etc., and they also carry out follow up work.

Parents are encouraged to attend inspections whenever possible and the co-operation of teachers is welcomed.

THE FINDINGS OF MEDICAL INSPECTION.

During the year under review the health of the school children, on the whole, has been good. In the early part of the session there was an epidemic of measles and one of chickenpox but most of the cases were mild. There were three cases of infantile paralysis amongst the school children in this county but fortunately all of them recovered practically completely.

CLOTHING AND FOOTWEAR.

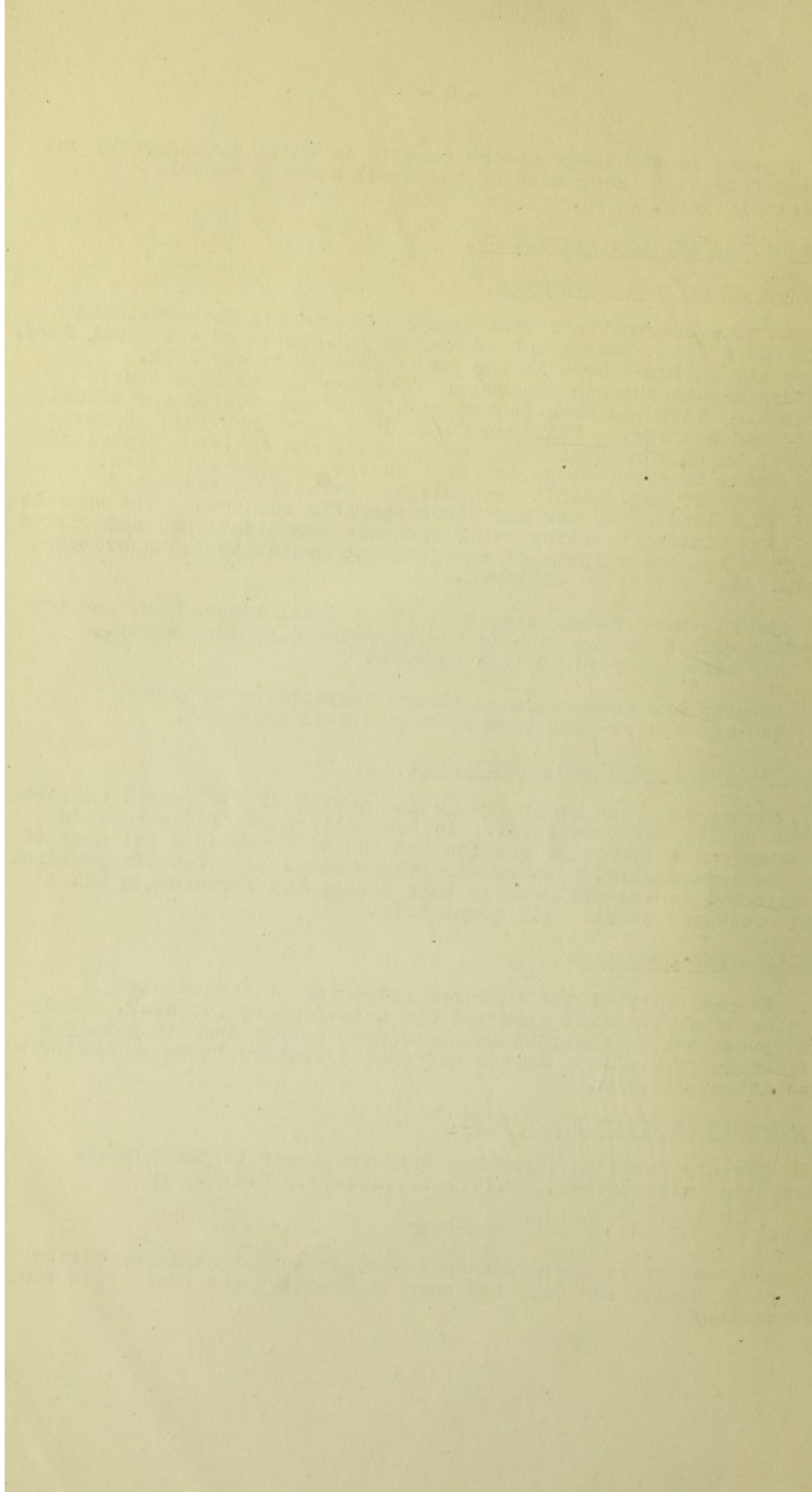
The majority of the children inspected at systematic examinations were well clad and had satisfactory footwear. Only twenty two out of the 1,058 examined were poorly dressed giving a percentage of 2.08%. Eleven had unsatisfactory footwear making a percentage of 1.10%.

UNCLEANLINESS OF HEAD AND BODY.

Seventy three children had nits or vermin in their hair.
Percentage with defect..... 6.87%.

SKIN.

No case of ringworm was seen amongst school children during the past session and only one case of impetigo was found at a routine inspection/



inspection. Some cases of seborrhoea and psoriasis were encountered and cases of acne were found among the older pupils.

No. of pupils examined.....	1058.
No. of pupils with defect.....	74.
Percentage with defect.....	6.99%.

NUTRITIONAL STATE:

Most of the children examined were well nourished and no case of severe malnutrition was met.

No. of children examined.....	1058.
No. showing slight defect.....	21.
Percentage.....	1.97%.

MOUTH AND TEETH UNHEALTHY:

Only really bad cases are included in this report as the dentist gives a full review of the condition of the children's teeth.

No. examined.....	1058.
No. showing serious defect.....	28.
Percentage.....	2.64%.

NASO-PHARYNX:

Nose:

The principal defects found were nasal catarrh and adenoids.

No. examined.....	1058.
No. with defect.....	61.
Percentage with defect.....	5.82%.

Throat:

A hundred and thirty one children were found to have tonsils which will require observation giving a percentage of 12.5 with a defect. In forty nine cases the parents were advised to consult their own Doctor regarding the condition of their children's tonsils.

Glands:

A large number of children were found to have slightly enlarged glands, but no severe case was met during the session.

No. of children examined.....	1058.
No. with defect.....	105.
Percentage.....	9.97%.

EYES:

External Diseases:

Nineteen cases of blepharitis were met giving a percentage of 1.77. No case of conjunctivitis was encountered at the systematic examination, and only two cases with corneal opacities.

Squints/

THE
[Faint, illegible text follows, appearing to be a list or index of names and titles, possibly related to a historical or literary work. The text is too faded to transcribe accurately.]

Squints were fairly common. Twenty five children were found to have a strabismus making a percentage of 2.36%.

VISUAL ACUITY.

Of the seven hundred and forty seven children examined seventy seven had only fair vision giving a percentage of 10.30%. Seventy nine children were recommended for refraction.

EARS.

Diseases:

Otorrhoea and deafness are both rather rare in this county. Only four cases of otorrhoea were seen.

Defective Hearing:

Two cases of deafness were found amongst the 1,658 children examined giving a percentage of .19%.

SPEECH.

Slight defects of articulation were fairly common especially amongst the younger children but most of the little ones seem to improve greatly after they have been at school for some months.

No. examined.....	1058.
No. with defect.....	24.
Percentage with defect.....	2.26%

STAMMER.

Only three cases were seen during the past session giving a percentage of .28% with this defect.

MENTAL AND NERVOUS CONDITION.

Six children were found to be backward on account of absence through illness, and thirteen were found to be dull. Three children mentally defective (educable) were seen but no ineducable child was found amongst the routines.

The provision of accommodation for mentally defective children who require institutional treatment is extremely difficult as most of the institutions are already full to capacity.

CIRCULATORY SYSTEM.

Only one case of congenital heart disease was met during the systematic examinations and sixteen cases of acquired heart disease and seventeen functional conditions.

No. examined.....	1058.
No. with defect.....	24.
Percentage with defect.....	2.26%

LUNGS./

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LUNGS.

The most troublesome condition met with has been asthma of which there is a good deal in the county. Some cases of chronic bronchitis were seen and a number of cases of bronchial catarrh.

No. examined.....	1058.
No. with defect.....	42.
Percentage with defect.....	3.12%.

DEFORMITIES.

Seven children were found to have a congenital deformity. The most common was a slight deformity of one foot.

No case of deformity from infantile paralysis was encountered. Eight cases of deformity (probably ricketic) were seen. Two of the children had badly shaped chests and most of the others had a slight bowing of the legs.

Flat feet accounted for most of the other deformities.	
No. examined.....	1058.
No. of children with some deformity.....	26.
Percentage with defect.....	45%.

INFECTIOUS DISEASE.

No case of infectious disease was found at the systematic examinations.

OTHER DISEASES OR DEFECTS.

Under this heading are included such conditions as anaemias, abdominal tuberculosis, etc. Anaemias account for the greater part of the defects in this category.

No. examined.....	1058.
No. with defect.....	54.
Percentage with defect.....	5.10%.

SPECIAL CASES.

A hundred and sixty six children were referred by a teacher, a nurse or a parent for some specific reason and of these ninety eight were found to have some defect. Ninety six were children who were having trouble with their eyes and fifty one of them were found to have poor vision. Ten were cases of suspected mumps, and three were found to be suffering from the disease. Twelve children had skin eruptions. The other forty eight included conditions such as boils, styes, sprains, cuts etc., and thirty four of them were found to have a defect.

No. examined.....	166.
No. with defect.....	98.
Percentage with defect.....	59.03%.

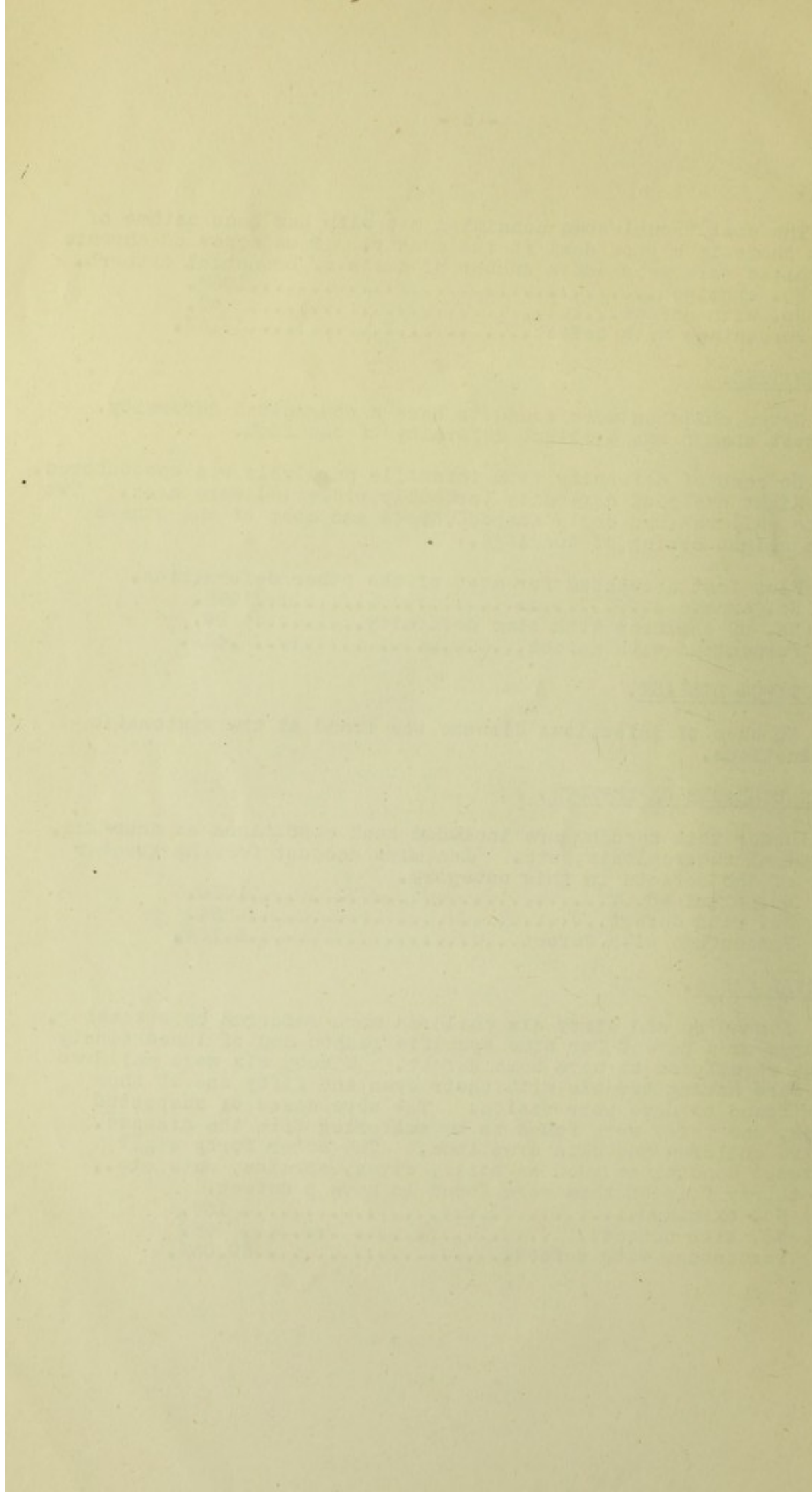


TABLE 1.

Total number of children examined at:-

		(a) <u>Systematic</u> <u>Examinations.</u>	<u>Other Systematic</u> <u>Examinations.</u>
Ordinary Schools.	Entrants.	301	10
	Second age group.	361	5
	Third age group.	36	-
	Fourth age group.	-	-
Secondary Schools.	Third age group.	301	12
	Fourth age group.	52	-
TOTAL:		1081	27

(b) Other Examinations:-

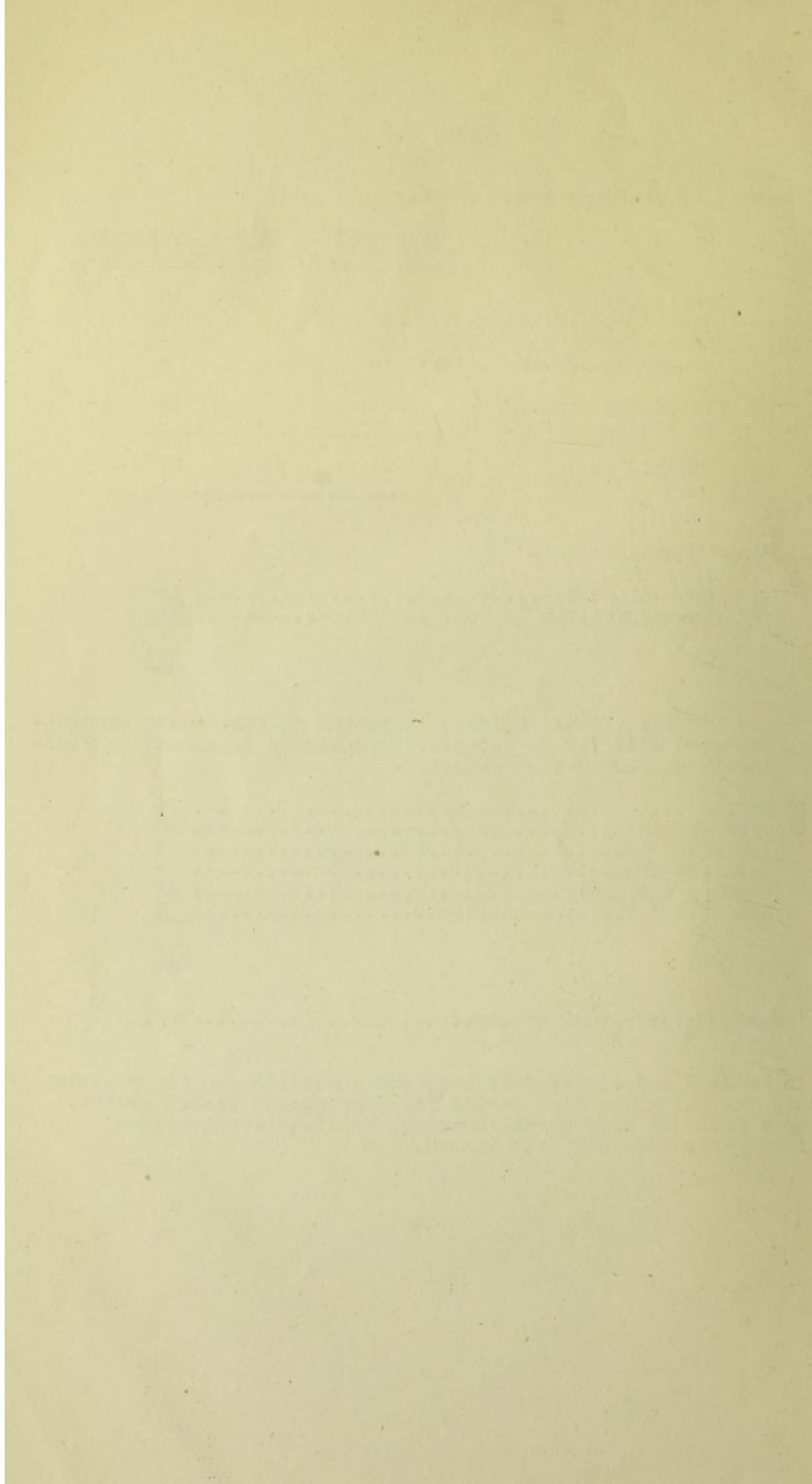
Special cases.....	166
Re-inspections by Medical Officer.....	148
	<u>314</u>

Number of individual children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanliness and dental caries):-

Entrants.....	34
Second age group.....	58
Third age group.....	4
Fourth age group.....	-
Secondary age group.....	45
Other systematic examinations.....	<u>2</u>
	<u>143</u>

Examined for visual acuity..... 1081

A hundred and eighty four boys and a hundred and fifty girls born in the year 1940 were tested for hearing and visual acuity. All were found to have normal hearing, but fourteen boys and eighteen girls had only fair vision.



THE FINDINGS OF MEDICAL INSPECTION.

<u>Entrants.</u>		<u>1938.</u>		<u>1934.</u>		<u>1931.</u>		<u>Total.</u>	
Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
165	146	180	186	167	182	15	17	527	531

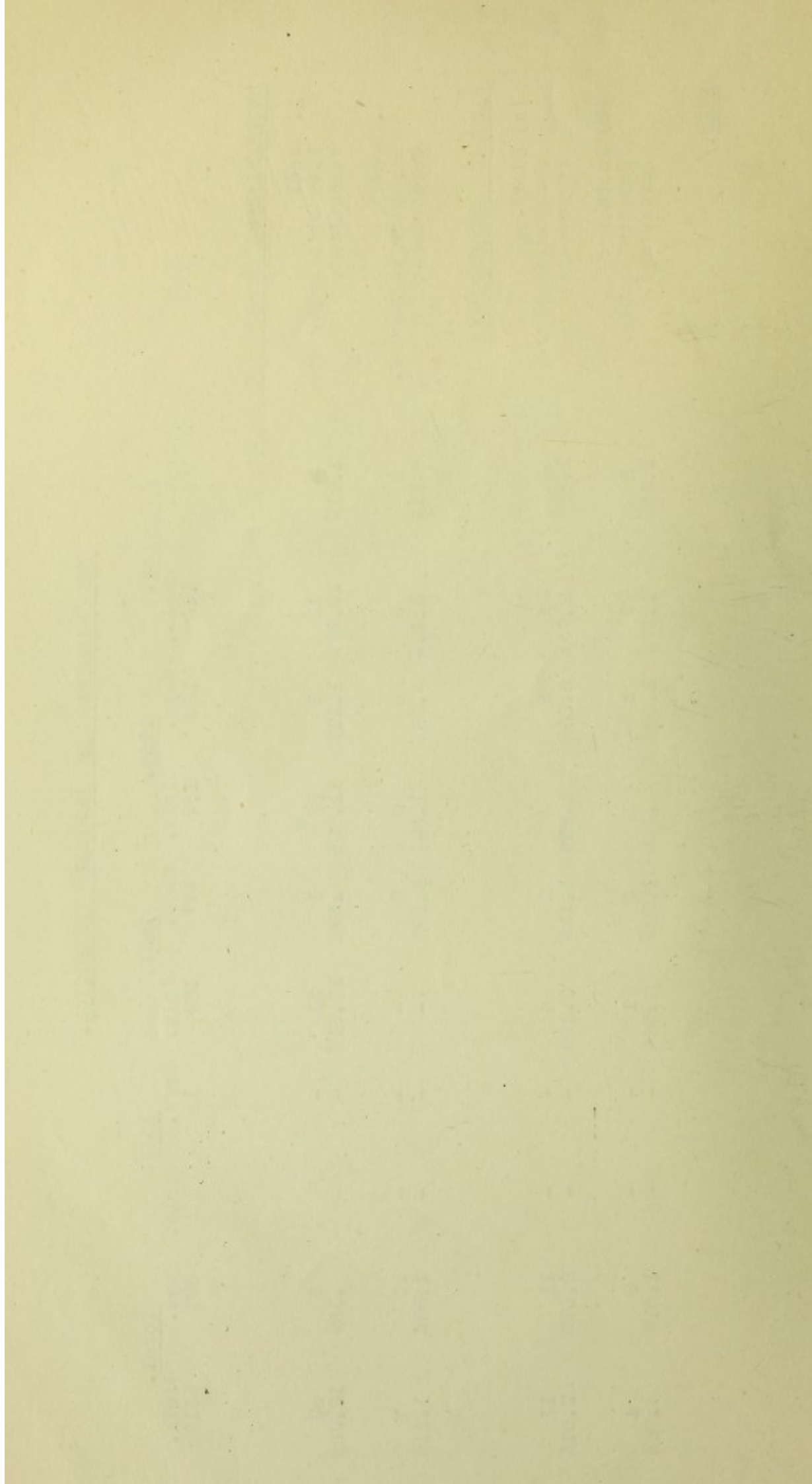
UNCLEANLINESS OF HEAD AND BODY:

A. Head: Nits or vermin. Percentage.	2	15	2	22	1	31	-	5	68
	1.21%	10.27%	1.11%	11.96%	.59%	17.01%	-	.95%	12.80%
B. Body: Dirty or verminous. Percentage.	2	5	6	2	2	-	-	10	7
	1.21%	3.42%	3.33%	1.09%	1.19%	-	-	1.89%	1.31%

CLOTHING AND FOOTWEAR:

(a) Clothing: Unsatisfactory. Percentage.	3	4	6	3	2	4	-	11	11
	1.81%	2.73%	3.33%	1.63%	1.19%	2.19%	-	2.09%	2.07%
(b) Footwear: Unsatisfactory. Percentage.	2	2	3	1	3	1	-	8	4
	1.21%	1.37%	1.66%	.54%	1.79%	.55%	-	1.51%	.76%

SKIN: /



SKIN:

	<u>Entrants.</u>	<u>1938.</u>	<u>1934.</u>	<u>1931.</u>	<u>Total.</u>
(a) Head:	Boys. 165	Girls. 146	Boys. 180	Girls. 186	Boys. 167 182
Ringworm.	-	-	-	-	-
Percentage.	-	-	-	-	-
Impetigo.	1	-	-	-	1
Percentage.	.60%	-	-	-	.19%
Other Diseases.	-	-	1	4	5
Percentage.	-	-	.55%	2.17%	3.84% 2 .99% 7 13.33% 2 11.76% 8 1.51%
(b) Body:					13 2.45%

UNITED STATE.

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MOUTH & DEETH UNHEALTHY.

	Percentage.
9	5.45%
10	6.85%
3	1.66%
3	1.63%
2	1.19%
1	.55%
-	-
-	-
14	ced
14	ced

MAC-PHARY.

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1900

NASO-PH ARVNX:

(a) Nose:	<u>Entrants.</u>		<u>1938.</u>		<u>1934.</u>		<u>1931.</u>		<u>Total.</u>	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
	165	146	180	186	167	182	15	17	527	531

Obstruction requiring observation.	6	4	12	8	5	4	-	-	23	16
Percentage.	3.63%	2.73%	6.66%	4.34%	2.99%	2.19%	-	-	4.36%	3.01%
Obstruction probably adenoids requiring operative treatment.	2	2	3	2	-	-	-	-	5	4
Percentage.	1.21%	1.37%	1.66%	1.09%	-	-	-	-	.94%	.75%
Other Conditions.	1	2	3	5	1	-	-	1	6	7
Percentage.	.60%	1.37%	1.66%	2.71%	.59%	-	-	5.88%	1.15%	1.31%

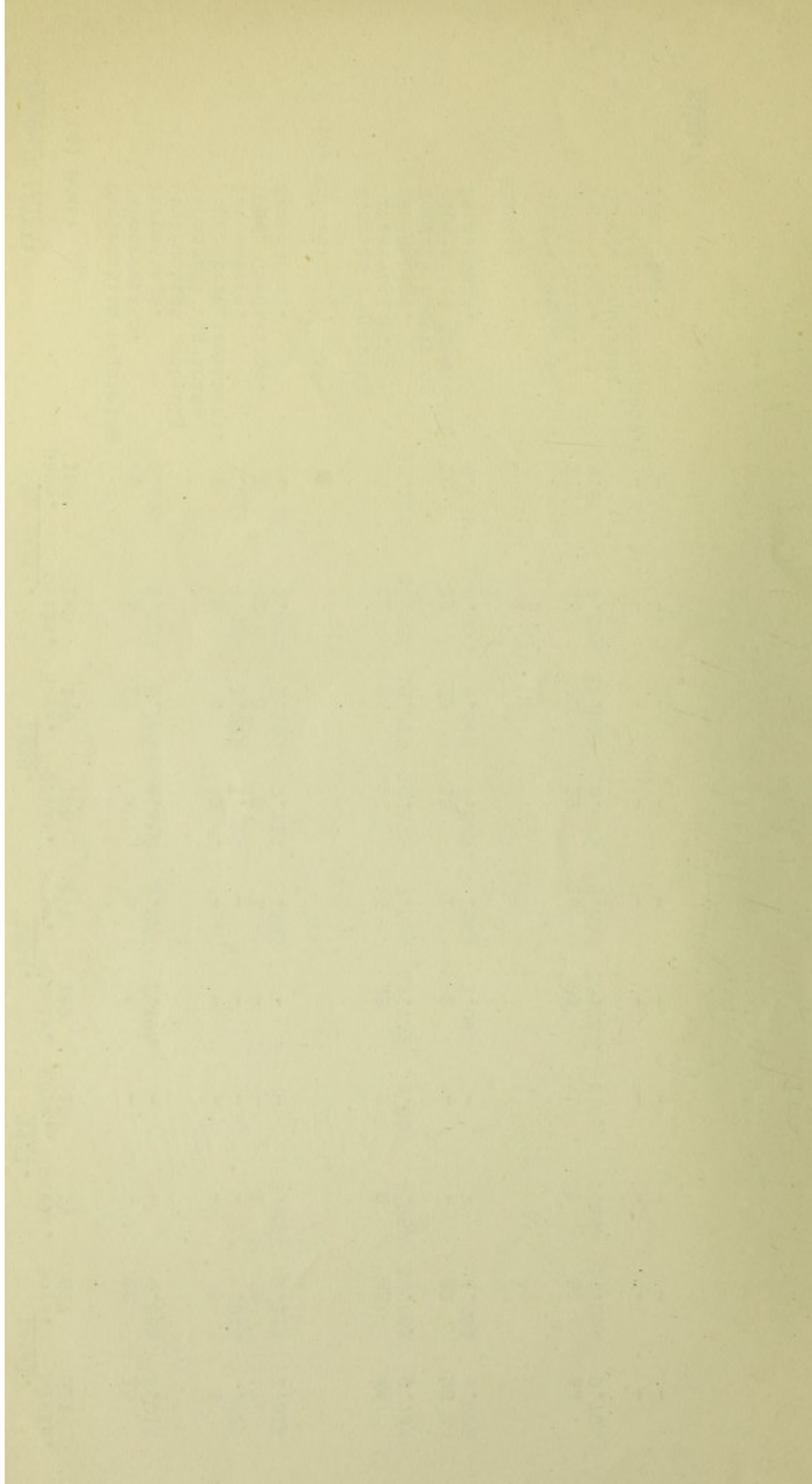
(b) Throat:

Tonsils requiring observation.	20	21	25	20	16	25	2	2	63	68
Percentage.	12.12%	14.38%	13.88%	10.87%	9.58%	13.73%	6.66%	5.88%	10.05%	9.79%
Tonsils requiring operative treatment.	10	12	12	12	1	2	-	-	23	26
Percentage.	6.06%	8.35%	6.66%	6.52%	.59%	1.09%	-	-	4.36%	4.89%

(c) Glands:

Glands requiring observation.	11	14	25	12	16	25	1	1	53	52
Percentage.	6.66%	9.59%	13.88%	6.52%	9.58%	13.73%	6.66%	5.88%	10.05%	9.79%
Glands requiring operative treatment.	-	-	-	-	-	-	-	-	-	-
Percentage.	-	-	-	-	-	-	-	-	-	-

EYES: /



EYES:

(a) External Diseases:	<u>Entrants.</u>		<u>1938.</u>		<u>1934.</u>		<u>1931.</u>		<u>Total.</u>	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
	165	146	180	186	167	182	15	17	527	531

Elephantitis.	3	2	5	4	5	-	-	-	13	6
Percentage.	1.81%	1.37%	2.77%	2.17%	2.99%	-	-	-	2.42%	1.13%
Conjunctivitis.	-	-	-	-	-	-	-	-	-	-
Percentage.	-	-	-	-	-	-	-	-	-	-
Corneal Opacities.	1	-	-	-	-	1	-	-	1	1
Percentage.	.60%	-	-	-	-	.55%	-	-	.19%	.19%
Strabismus.	6	3	8	5	-	3	-	-	14	11
Percentage.	3.63%	2.05%	4.44%	2.71%	-	1.64%	-	-	2.66%	2.07%
Other Diseases.	2	-	1	3	2	2	-	-	5	5
Percentage.	1.21%	-	.55%	1.63%	1.19%	1.09%	-	-	.95%	.95%

(b) Visual Acuity:

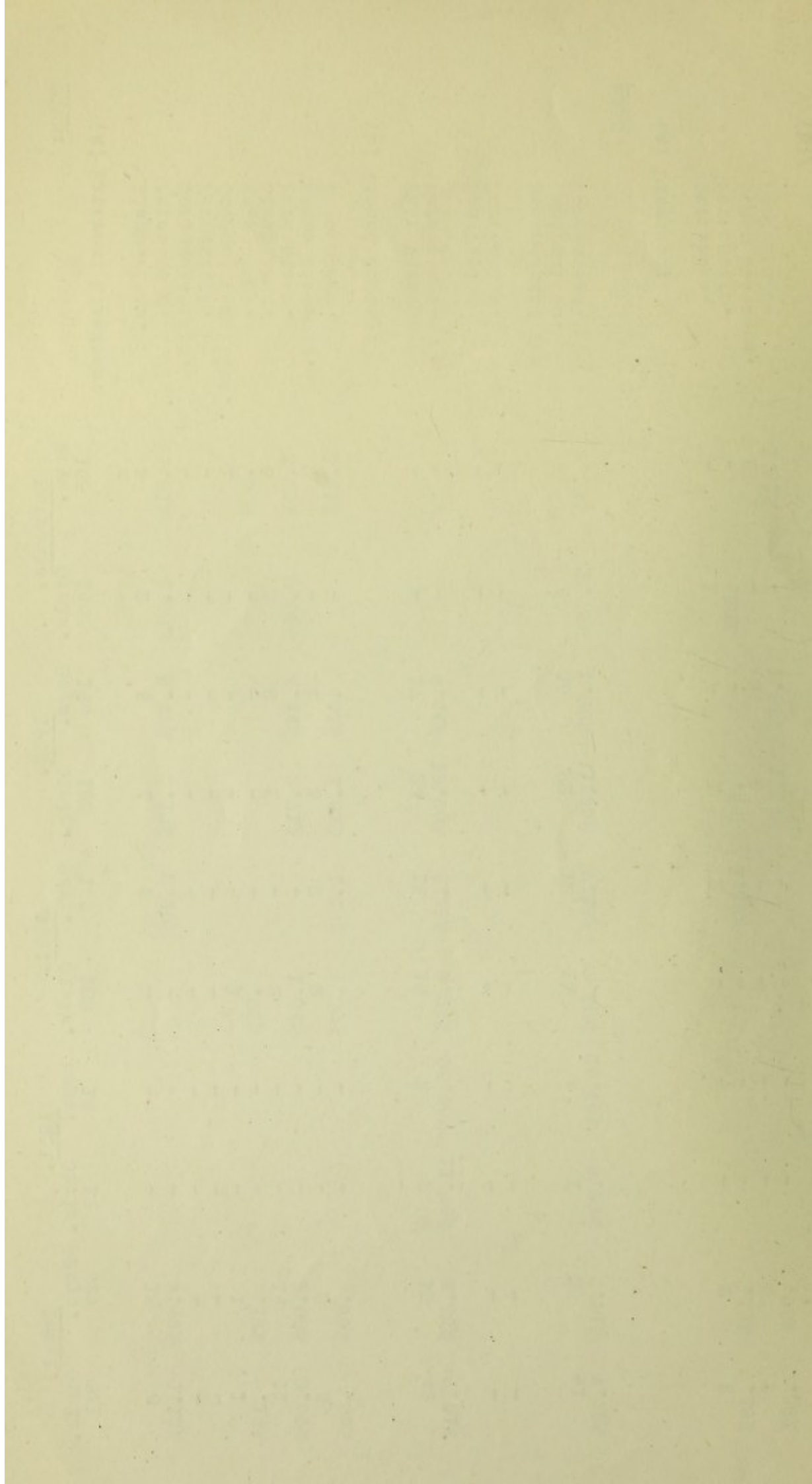
Pair Vision.	-	-	17	24	14	16	4	2	35	42
Percentage.	-	-	9.44%	12.90%	8.38%	8.79%	26.66%	11.76%	6.64%	7.91%
Bad Vision	-	-	-	-	-	-	-	-	-	-
Percentage.	-	-	-	-	-	-	-	-	-	-
Recommended for	6	4	16	22	12	14	4	1	38	41
Refraction.	3.63%	2.73%	8.89%	11.95%	7.18%	7.69%	26.66%	5.88%	7.21%	7.72%
Percentage.	-	-	-	-	-	-	-	-	-	-

EARS:

(a) Diseases:

Otorrhoea.	-	1	-	1	2	-	-	-	2	2
Percentage.	-	.68%	-	.54%	1.19%	-	-	-	.38%	.38%
Other Diseases.	2	-	3	2	-	-	-	-	5	2
Percentage.	1.21%	-	1.66%	1.09%	-	-	-	-	.95%	.38%

(b) /



(b) Defective Hearing:

	Entrants.		1938.		1934.		1931.		Total.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Grade I.	165	146	180	186	167	182	15	17	527	531
Percentage.	-	1	-	-	-	-	-	-	-	1
Grade 11A.	-	.68%	-	-	-	-	-	-	2	.19%
Percentage.	-	-	1	-	-	-	-	-	.19%	-
Grade 11B.	-	-	.55%	-	-	-	-	-	-	-
Percentage.	-	-	-	-	-	-	-	-	-	-
Grade 11I.	-	-	-	-	-	-	-	-	-	-
Percentage.	-	-	-	-	-	-	-	-	-	-

SPEECH:

Defective Articulation.
Percentage.

10
6.06%

6
4.10%

3
1.66%

3
1.63%

1
.59%

1
.55%

-

-

14
2.66%

10
1.86%

3
.57%

MENTAL & MORAL CONDITION:

(a) Backward due to
irregular attendance,
absence or other
extrinsic cause).

-

-

3

2

1

-

-

-

4

2

-

(b) Dull (intrinsically).
Percentage.

1

2

3

2

3

2

-

-

7

6

-

(c) Mentally Defective
(educable)
Percentage.

1

1.37%

1.66%

1.09%

1.79%

1.09%

-

-

1.32%

1.13%

-

(d) Mentally Defective
(ineducable).
Percentage.

-

-

-

-

1.19%

.55%

-

-

.38%

.19%

-

(e) Highly nervous or
unstable.
Percentage.

1

2

-

2

-

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1

4

.75%

(f) Percentage.

.60%

1.37%

-

1.09%

-

-

-

-

.19%

-

-

90

	<u>Entrants.</u>		<u>1938.</u>		<u>1934.</u>		<u>1931.</u>		<u>Total.</u>	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
(f) Difficulty in behaviour.	165	148	180	186	167	182	15	17	527	531
Percentage.	.60%	1.37%	.55%	-	-	-	-	-	.38%	.38%

CIRCULATORY SYSTEM:

(a) Organic Heart Disease:										
(i) Congenital.	-	1	-	-	-	-	-	-	-	1
Percentage.	-	.68%	-	-	-	-	-	-	-	.19%
(ii) Acquired.	-	-	1	-	3	2	-	-	4	2
Percentage.	-	-	.55%	-	1.79%	1.09%	-	-	.76%	.38%
(b) Functional conditions.	1	2	4	1	3	4	1	1	9	8
Percentage.	.60%	1.37%	2.22%	.54%	1.79%	2.19%	6.66%	5.38%	1.70%	1.45%

LUNGS:

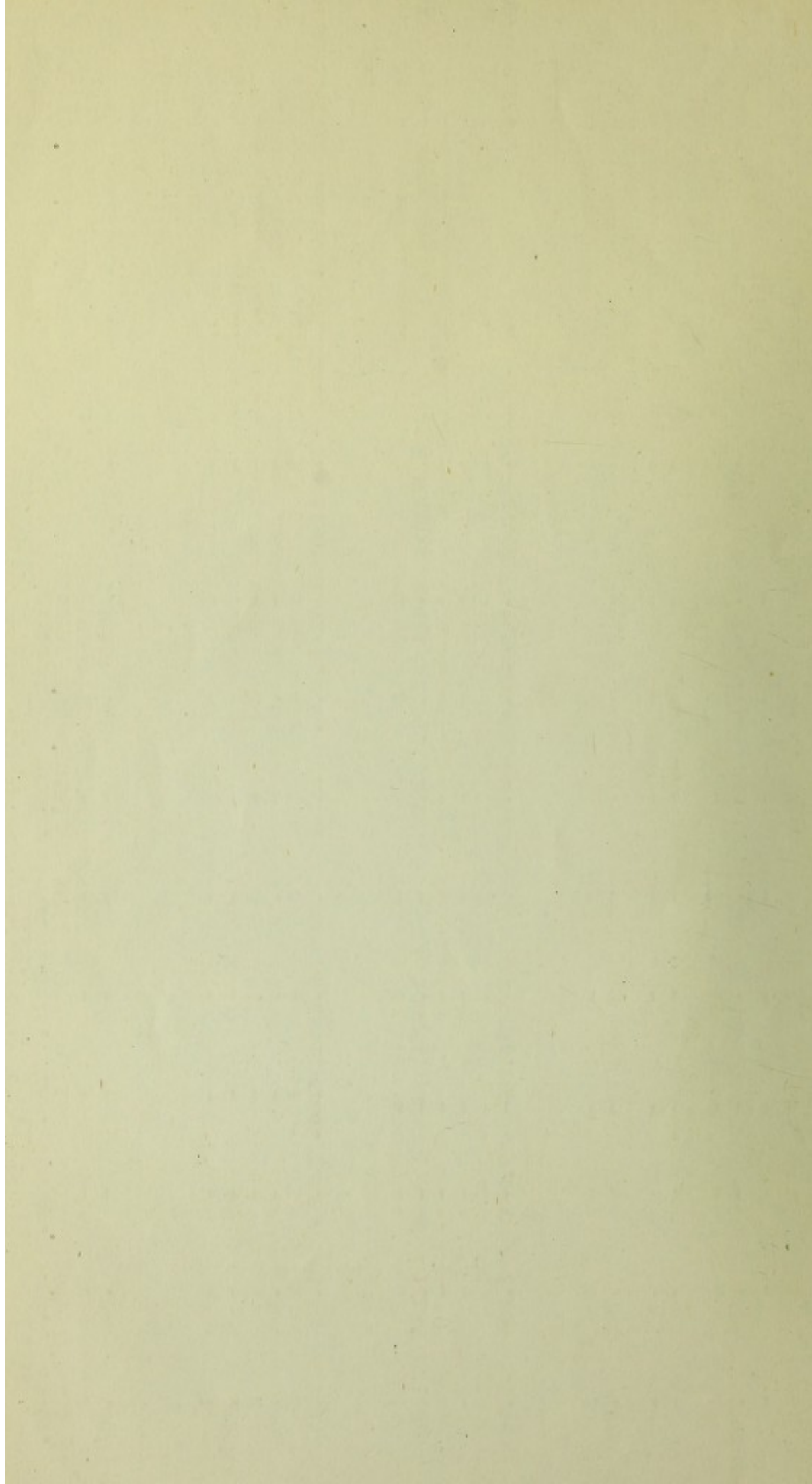
Chronic Bronchitis.	3	2	3	2	-	3	-	-	6	7
Percentage.	1.81%	1.37%	1.66%	1.09%	-	1.64%	-	-	1.15%	1.31%
Suspected Tuberculosis.	-	-	-	-	-	-	-	-	-	-
Percentage.	-	-	-	-	-	-	-	-	-	-
Other Diseases.	11	5	5	5	1	2	-	-	17	12
Percentage.	6.66%	3.42%	2.77%	2.71%	.59%	1.09%	-	-	3.20%	2.26%

DEFORMITIES:

(a) Congenital.	2	2	2	1	-	-	-	-	4	3
Percentage.	1.21%	1.37%	1.11%	.54%	-	-	-	-	.76%	.57%
(b) Acquired (Infantile Paralysis).	-	-	-	-	-	-	-	-	-	-
Percentage.	-	-	-	-	-	-	-	-	-	-
(c) Acquired (probable Pickets).	1	3	2	-	1	1	-	-	4	4
Percentage.	.60%	2.05%	1.11%	-	.59%	.55%	-	-	.76%	.76%

INFECTIOUS DISEASES:

OTHER DISEASES & DEFECTS:	10	13	6	7	8	7	2	1	26	28
Percentage.	6.06%	8.90%	3.33%	3.80%	4.79%	3.84%	11.76%	6.66%	4.93%	5.27%



STATISTICS OF CONDITIONS FOUND AT SYSTEMATIC MEDICAL EXAMINATIONS.

<u>Classification.</u>	<u>Entrants.</u> No. %	<u>1938.</u> No. %	<u>1934.</u> No. %	<u>1931.</u> No. %	<u>Total.</u> No. %
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1. Children free from defects.	200	64.30%	195	53.28%	209	59.88%	20	62.50%	624	59.03%
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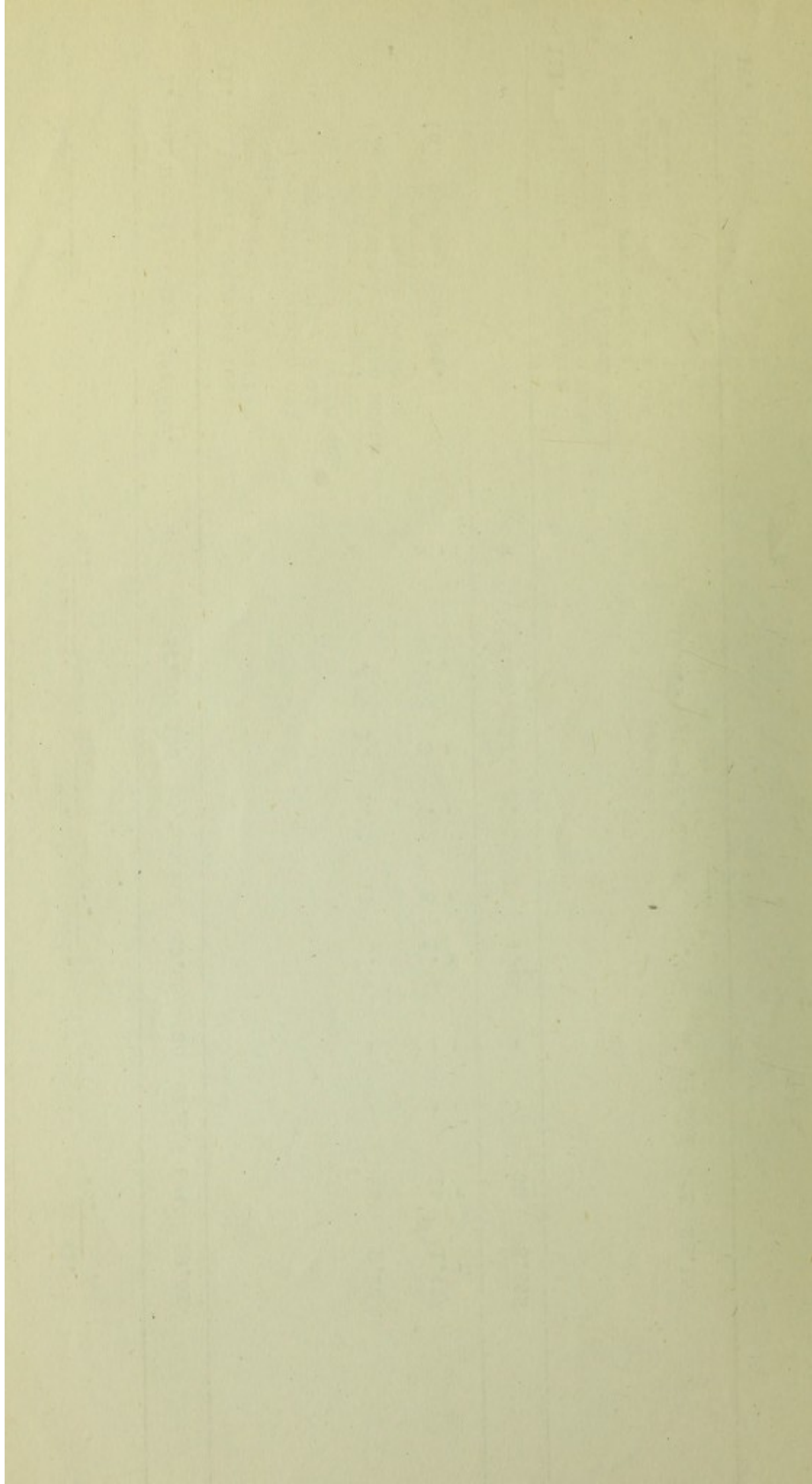
11. Children (otherwise free from defects) who suffer from:-										
(a) Defective vision not worse than 6/12 in the better eye with or without glasses; or	2	.61%	10	2.73%	12	3.44%	-	-	24	2.24%
(b) Conditions of the mouth and teeth requiring treatment.	7	2.25%	3	.82%	5	1.44%	-	-	15	1.42%
(c) Both (a) and (b).	-	-	-	-	-	-	-	-	-	-

9	2.89%	13	3.55%	17	4.88%	-	-	39	3.66%
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111. Children suffering from ailments (and/or then those mentioned in 11) from which complete recovery is anticipated within a few weeks.

58	18.65%	95	25.96%	84	24.07%	8	25.00%	245	23.15%
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IV. Children/



STATISTICS OF CONDITIONS FOUND AT SYSTEMATIC MEDICAL EXAMINATIONS.

Classification.

<u>Entrants.</u>	<u>1938.</u>	<u>1934.</u>	<u>1931.</u>	<u>Total.</u>
No. %	No. %	No. %	No. %	No. %

IV. Children suffering from
(or suspected to be
suffering from) defect
less remediable than
defects specified
in II or III,
distinguished cases.
(a) Where complete
cure or restoration
of function (in
the case of eye
defect full
correction; is con-
sidered possible.

(b) Where improvement
only is considered
possible; e.g. with-
out complete
restoration of function.

TOTAL

311

100.00% 366 100.00% 349 100.00% 32 100.00% 1058 100.00%

40

12.88%

57

15.58%

31

8.88%

4

12.50%

132

12.46%

4

1.28%

6

1.63%

8

2.29%

-

-

18

1.70%

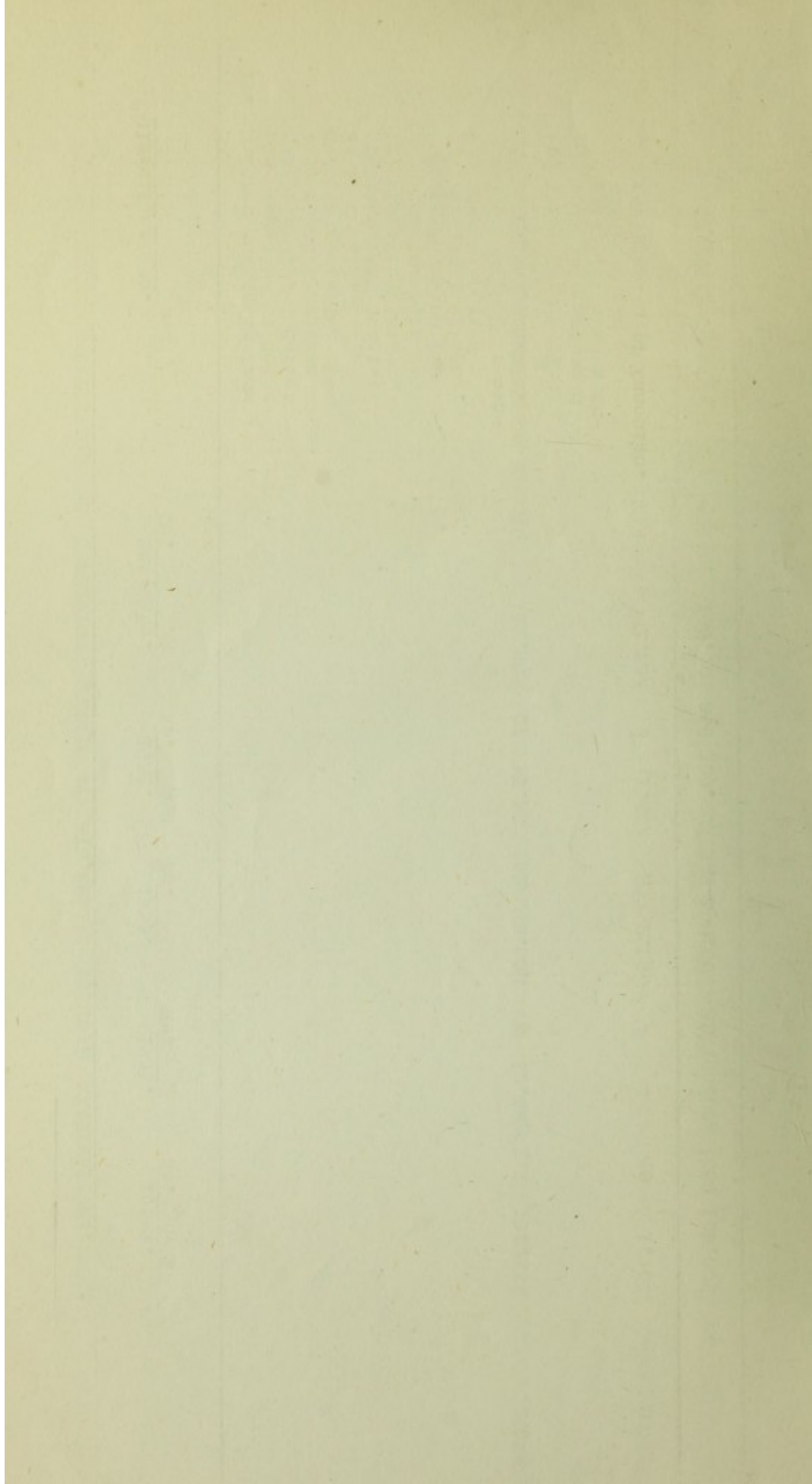
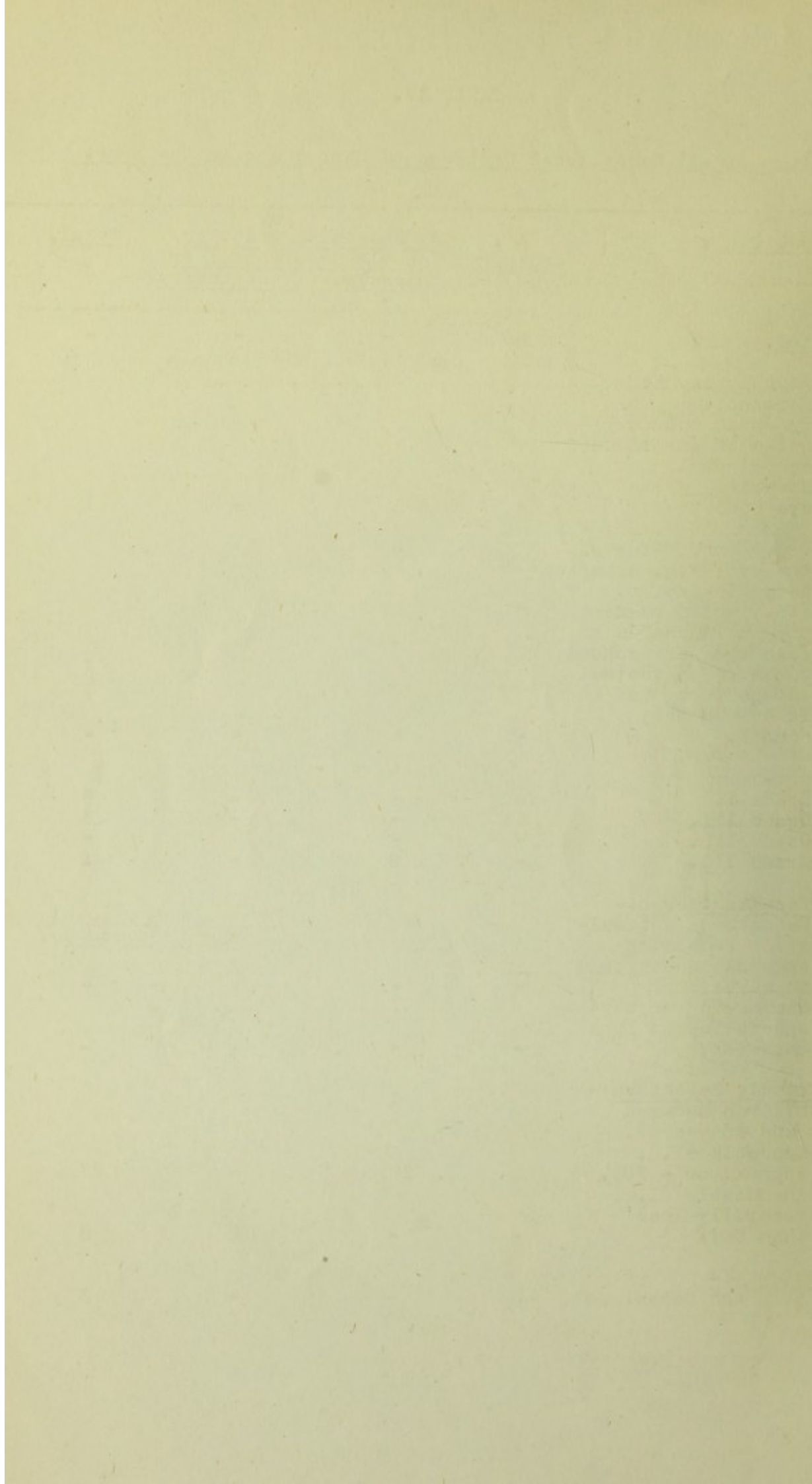


TABLE IV.

Return of all Exceptional Children of School age in the Area.

<u>Disability.</u>	<u>At.</u> <u>Ordinary</u> <u>Schools.</u>	<u>At Special</u> <u>Schools or</u> <u>classes.</u>	<u>At. no</u> <u>School or</u> <u>Institution.</u>	<u>Total.</u>
1. <u>Blind.</u>	-	-	-	-
2. <u>Partially sighted:-</u>				
(a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition.	-	1	-	1
(b) Other conditions of the eye, e.g. 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.	-	-	-	-
3. <u>Deaf:-</u>				
Grade I.	6	-	-	6
Grade II A.	3	-	-	3
Grade II B.	-	-	-	-
Grade III.	-	2	-	2
4. <u>Defective Speech:-</u>				
(a) Defects of articulation requiring special educational measures.	-	-	-	-
(b) Stammering requiring special educational measures.	-	-	-	-
5. <u>Mentally Defective:-</u> (children between 5 and 16 years).				
(a) Educable (I.Q. approx. 50 - 70).	9	18	-	27
(b) Ineducable (I.Q. generally less than 50).	-	-	8	8
6. <u>Epilepsy:-</u>				
(a) Mild and occasional.	3	-	-	3
(b)/				



<u>Disability.</u>	<u>At.</u> <u>Ordinary</u> <u>Schools.</u>	<u>At Special</u> <u>Schools or</u> <u>classes.</u>	<u>At. no</u> <u>School or</u> <u>Institution.</u>	<u>Total.</u>
(b) Severe (suitable for care in a residential school.	-	1	-	1
7. <u>Physically Defective:-</u> (children between 5 and 16 years).				
(a) Non-pulmonary tuberculosis (excluding cervical glands).	6	-	-	6
(b) General orthopaedic conditions.	2	-	-	2
(c) Organic heart disease.	27	1	-	28
(d) Other causes of ill-health.	-	-	-	-
8. <u>Multiple Defects:-</u>				
(a) 5a)	-	1	-	1
(b) 7c)				

MEDICAL TREATMENT.

	<u>Treated</u> <u>Privately.</u>	<u>Treated under Local</u> <u>Authority's Scheme.</u>
(a) <u>Minor Ailments.</u>		
(1) Cuts, bruises, sprains, etc.,	-	27
(2) Diseases of the ear.	-	2
(3) Diseases of the eye excluding defective vision.	-	30
(4) Diseases of the skin.		
Ringworm (Scalp).	-	-
Ringworm (Body).	-	-
Scabies.	-	4
Impetigo.	-	5
Other diseases.	-	-
(b) Defective Vision and squint.	20	391
(c) Nose and Throat (operative treatment).	20	-
(d) Orthopaedic and postural defects (specialist treatment).	-	-

PROVISION OF SPECTACLES:-

Two hundred and nine children were supplied with spectacles by the local authority, and thirty one obtained glasses privately.

TREATMENT OF SQUINTS:-

Squints are treated by the provision of glasses and by operation if necessary.

ORTHOPAEDIC TREATMENT:-

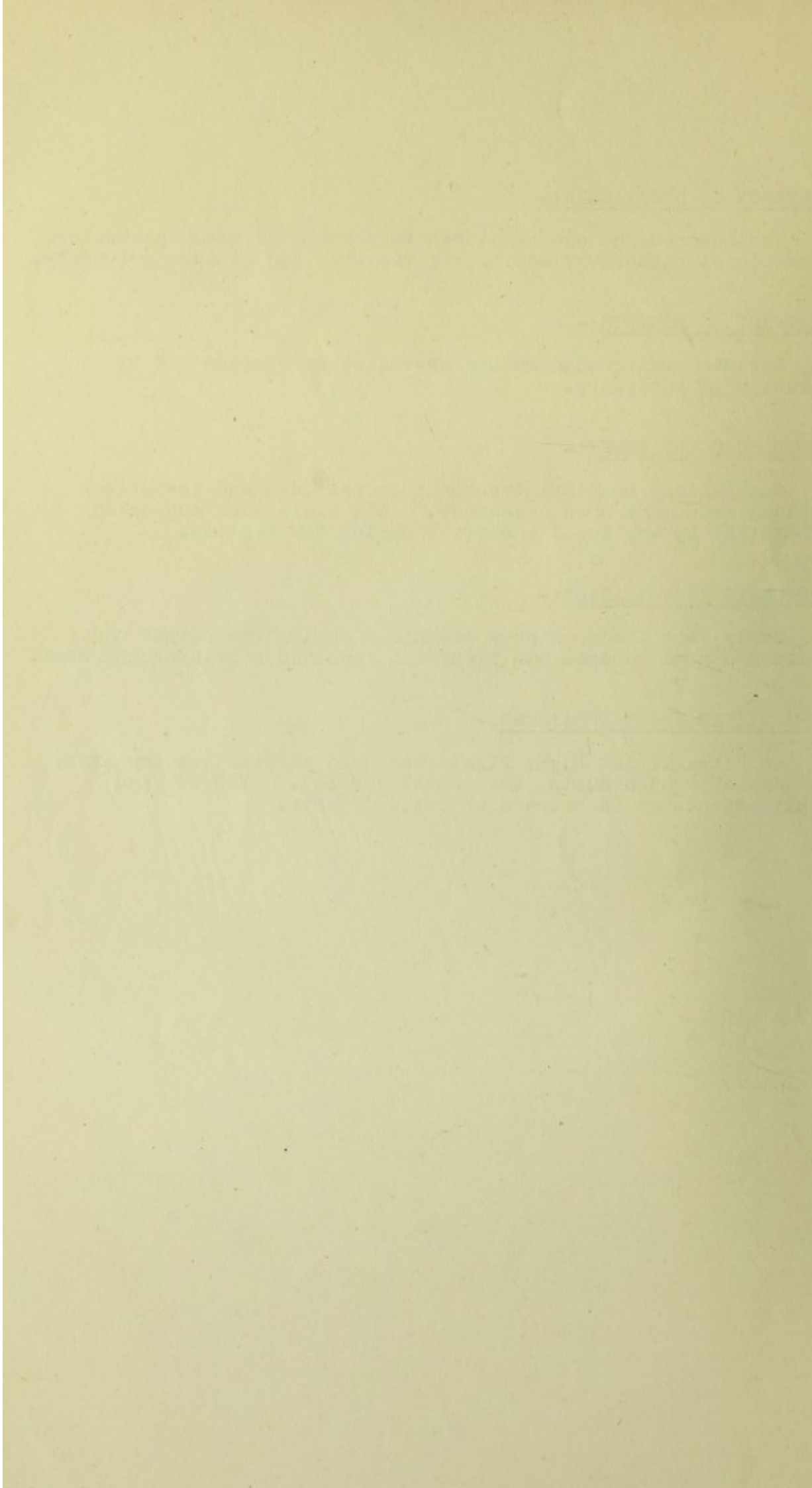
Out-patient hospital treatment is provided and in-patient hospital treatment when necessary. Six cases were supported in hospital by the local authority during the session.

DIPHTHERIA IMMUNISATION:-

Sixty four children were immunised during the period under review and nine hundred and fifty six received a reinforcing dose.

ULTRA VIOLET LIGHT TREATMENT:-

An Ultra Violet Light Clinic was held in Wick Academy every Thursday afternoon during the school session. The average weekly attendance is between thirty and forty.



AVERAGE MEASUREMENTS.

ENTRANTS.

	<u>No. examined.</u>	<u>Average Age.</u>	<u>Average Height.</u>	<u>Average Weight.</u>
Boys.	165	5 4/12	42.4 ins.	42.5 lbs.
Girls.	146	5 4/12	42.0 ins.	39.7 lbs.

CHILDREN BORN IN 1938.

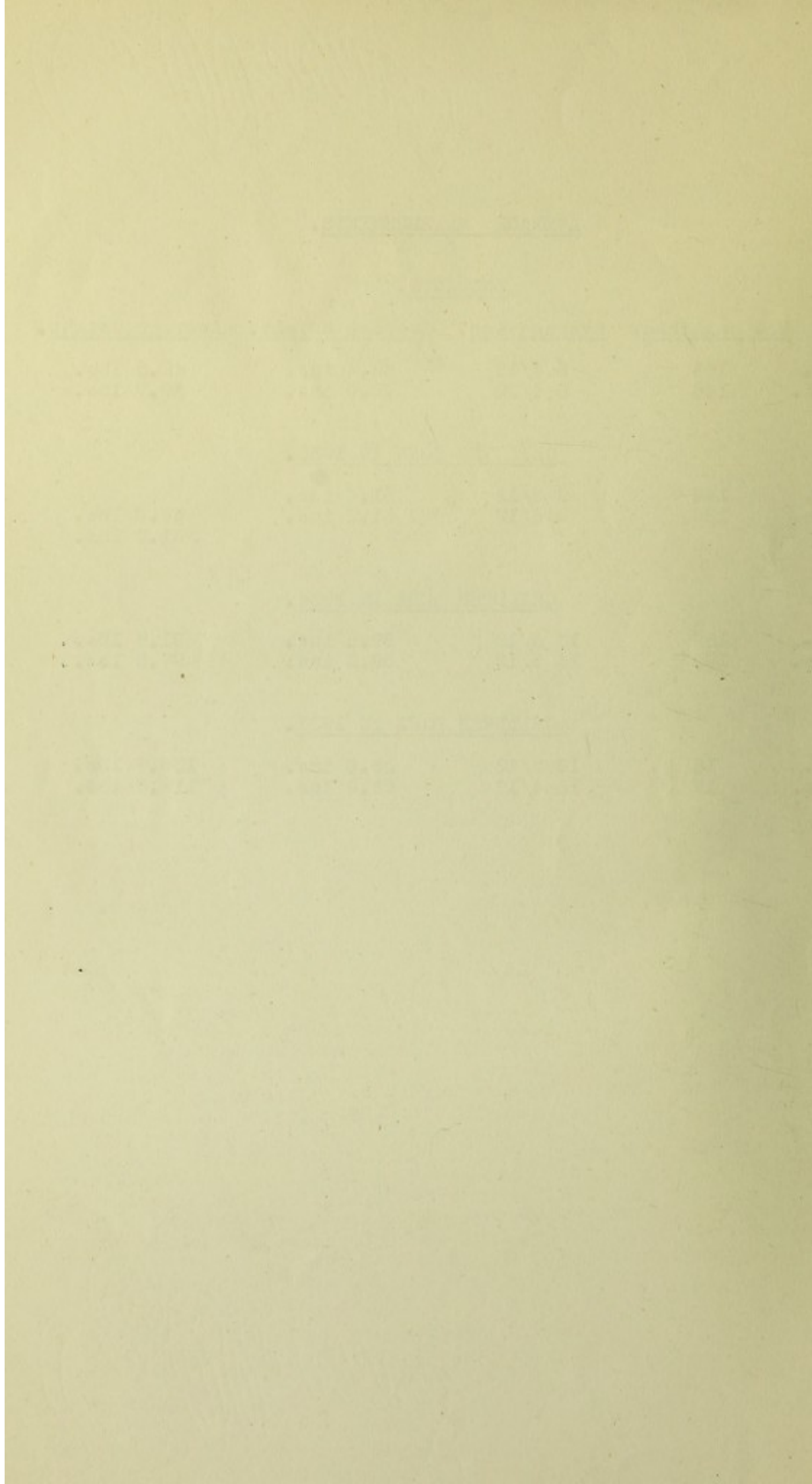
Boys.	180	9 5/12	51.6 ins.	
Girls.	186	9 6/12	51.2 ins.	64.0 lbs.
				61.7 lbs.

CHILDREN BORN IN 1934.

Boys.	167	13 5/12	59.5 ins.	91.8 lbs.
Girls.	182	13 5/12	59.2 ins.	97.2 lbs.

CHILDREN BORN IN 1931.

Boys.	15	16 5/12	65.0 ins.	136.8 lbs.
Girls.	17	16 4/12	63.2 ins.	119.6 lbs.



REPORT BY SCHOOL DENTAL OFFICER.

YEAR 1947 - 48.

Personnel employed by the Authority for the dental inspection and treatment of schoolchildren is one full-time Dental Officer and one Dental Attendant.

The school population consists of three thousand, nine hundred and ninety six pupils.

During the year thirty nine schools were inspected.

A long term policy as outlined in report, year 1946-47, whereby priority treatment was to be given to primary school pupils has been continued this year. It is too early to assess the results of this scheme, but the fact that an increased number of pupils was inspected and treated shows that good progress has been made. There is an increasing and insistent demand for treatment, but unfortunately under present circumstances treatment has to be limited mainly to those cases showing gross sepsis. From Table V it will be seen that of 3024 children inspected only 1746 required treatment, but it must be emphasised that this figure of 1746 includes only those selected cases where urgent treatment was necessary on account of sepsis. In actual fact 92% of the pupils inspected required treatment to some degree. A total of 1479 children were treated during the year, and the acceptance rate of 87% compares favourably with the acceptance rate of 86% last year.

There was an increase in the number of fillings inserted, 1222 this year compared with 947 last year, and an increase in the number of extractions, 1477 this year compared with 1364 last year. There is still an adverse balance of extractions to fillings and this is likely to continue for some time. Working conditions in the rural schools are primitive, and the medical inspection rooms in some of the larger schools are seldom cleaned. Dental equipment consisting of three pump chairs, three spittoons and three electric engines were purchased from the Ministry of Supply. One set has been installed in the Wick High School, and another set is being installed in the Miller Academy, Thurso. The third set, which is still in store, is to be utilised for the Maternity and Child Welfare Scheme. The new type of Dental Record Card as recommended by the Department of Health for Scotland has been brought into use.

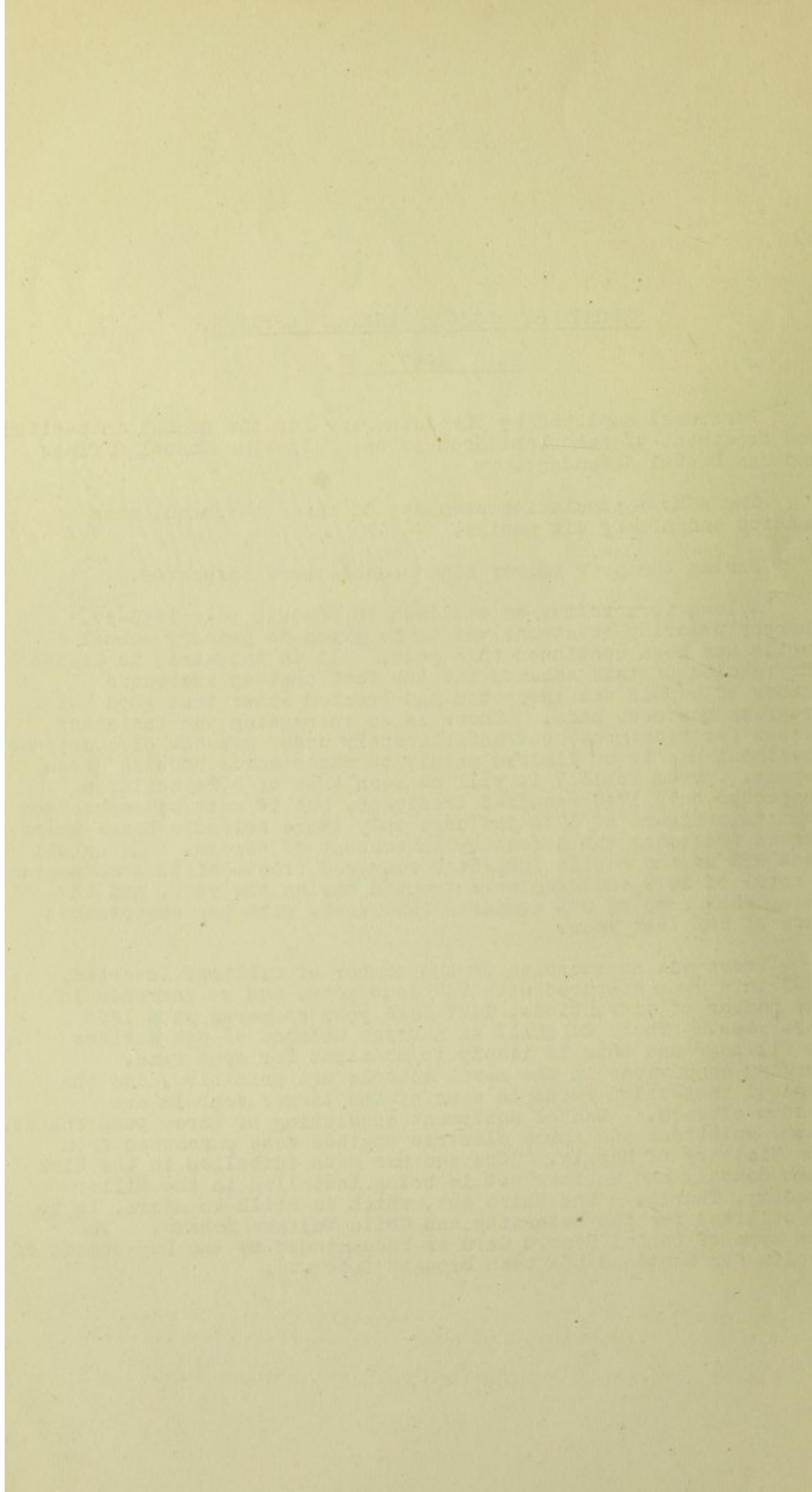


TABLE V.

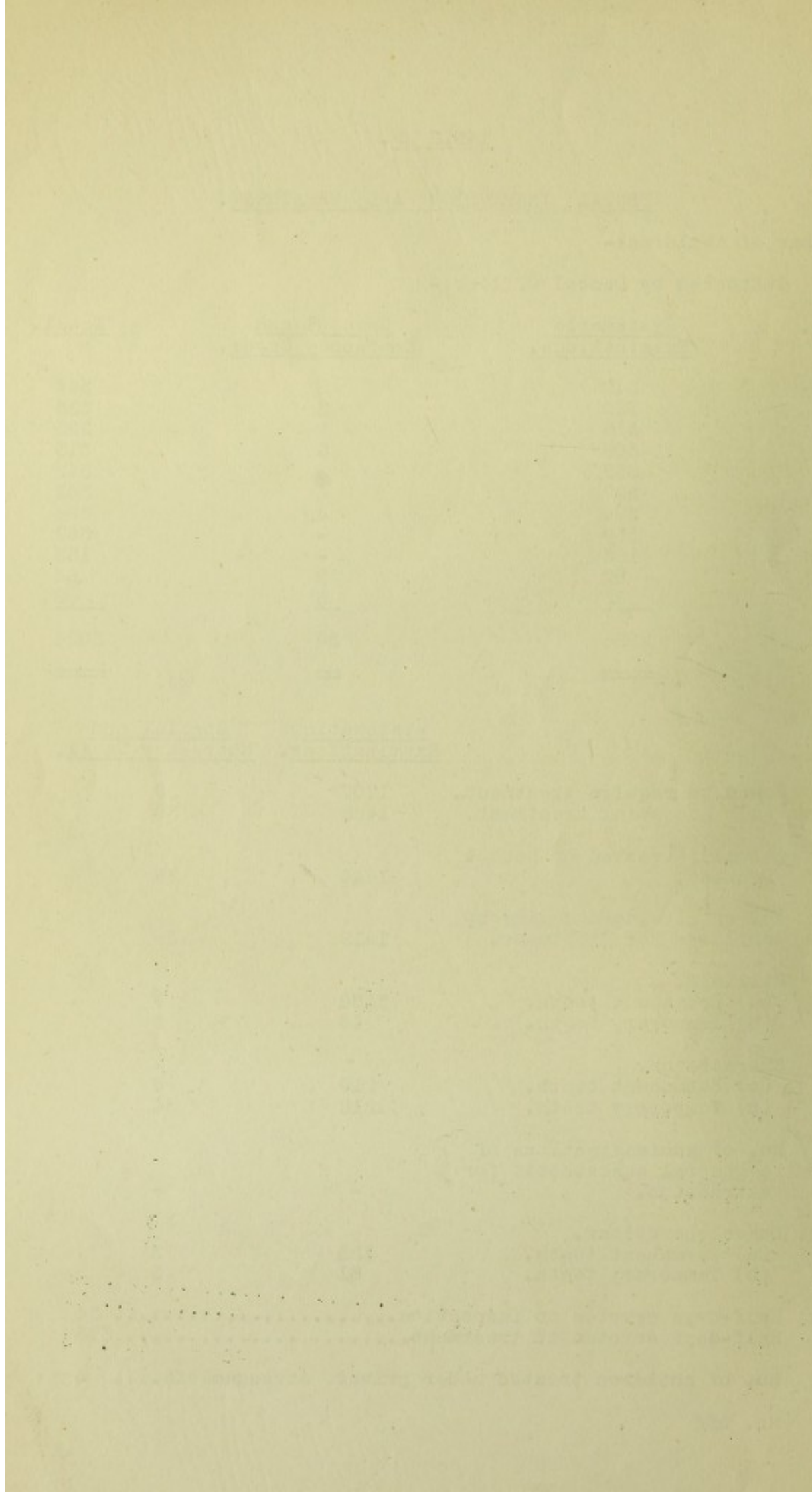
DENTAL INSPECTION AND TREATMENT.

Number of children:-

(1) Inspected by Dental Officer:-

<u>Age.</u>	<u>Systematic Examinations.</u>	<u>Special and Emergency Cases.</u>	<u>Total.</u>
5	342	2	344
6	332	3	335
7	318	7	325
8	305	8	313
9	338	4	342
10	297	4	301
11	394	4	398
12	359	-	359
13	183	-	183
14	62	2	64
15	55	5	60
	<u>2985</u>	<u>39</u>	<u>3024</u>

	<u>Systematic Examinations.</u>	<u>Special and Emergency Cases.</u>
(2) Found to require treatment.	1707	39
(a) Accepting treatment.	1488	39
(3) Actually treated by School Dentist.	1440	39
(4) No. of attendances made by children for treatment.	1512	39
(5) Fillings.		
(a) Permanent teeth.	1166	9
(b) Temporary teeth.	44	3
(6) Extractions.		
(a) Permanent teeth.	219	6
(b) Temporary teeth.	1218	34
(7) No. of administrations of a general anaesthetic for extraction.	-	-
(8) Other operations.		
(a) Permanent teeth.	125	3
(b) Temporary teeth.	81	3
(9) Half-days devoted to inspection.....		34
Half-days devoted to treatment.....		316
(10) No. of children treated under private arrangements....		6
No. of/		



No. of schools inspected during year 1947-48.....	39
Total number of children inspected.....	3024
Total number of children treated.....	1479
Total number of fillings inserted.....	1222
Permanent teeth.....	1175
Temporary teeth.....	47
Total number of extractions.....	1477
Permanent teeth.....	225
Temporary teeth.....	1252
Total number of refusals.....	219
Total number found to require treatment.....	1746
Total attendances.....	1551

R. F. Medford
 MEDICAL OFFICER OF HEALTH.

24th November, 1948.

