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Contributors

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ANNUAL REPORT

TO THE

HUNTINGDON

RURAL DISTRICT COUNCIL



FOR

1946

BY


J. R. GARROOD

M.D., D.P.H.

*Medical Officer of Health to the Huntingdon
Rural District Council*

HUNTINGDON:

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**Public Health Officers of the Huntingdon Rural
District Council.**

Part-time Medical Officer: J. R. GARROOD, M.D., D.P.H.

Sanitary Inspector: B. R. DIXON, M.S.I.A.

Part-time Analytical Chemist: SOLOMON GREENBURGH, ESQ., and
The Emergency Public Health Laboratory Service.

Pathologist: DR. HARVEY and *Emergency Public Health Laboratory
Service.*

**To the
Huntingdon Rural District Council.**

Alconbury Hill.

Gentlemen,

*I beg to submit my Annual Report for the
year 1946.*

I am,

Your obedient Servant,

J. R. GARROOD.

REPORT

ON THE HUNTINGDON RURAL DISTRICT FOR 1946

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

The Housing Scheme has progressed fairly satisfactorily considering the difficulties which affect the country as a whole. The Council owned at the end of 1946, 196 houses, all occupied and with their gardens well cultivated as a rule. There are 20 prefabricated temporary houses at Sawtry; these have only small gardens. 14 Swedish houses of wood are very popular with the occupants. 14 houses were built during the war years 1939-46. Progress was made with the Brampton, Ellington, Easton and Spaldwick Water Scheme.

Sewerage schemes for Brampton, Alconbury and Sawtry are in preparation. Corosion of iron water pipes has been a trouble; this appears to be due to bacterial action on sulphur compounds in the clay. Concrete asbestos pipes would seem to be the remedy.

There has been no trouble from Aerodrome effluents.

Estimated Population	7073
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Live Births.

Total—Male, 77; Female, 58.

Legitimate—Male, 67; Female, 49.

Illegitimate—Male, 10; Female, 9.

Birth rate per 1,000 population, 19.0. England and Wales, 19.1.

Still Births.

Total—Male, 0; Female, 4.

Legitimate—Male, 0; Female, 4.

Illegitimate—Male, 0; Female, 0.

Rate per 1,000 total births, 3.0.

Deaths.

Death rate per 1,000 population, 12.5. England and Wales, 11.5.

Death rate from Puerperal causes, 0.

Deaths of Infants under one year of age—

Total—Male, 1 ; Female, 0.

Legitimate—Male, 1 ; Female, 0.

Illegitimate—Male, 0 ; Female, 0.

Death rate of Infants under one year of age—

All Infants per 1,000 live births ... 7.4

This compares with England and Wales ... 43.0

Legitimate Infants per 1,000 legitimate live births ... 8.6

Illegitimate Infants per 1,000 illegitimate live births ... 0.0

Causes of Death—

	M.	F.
Influenza ...	3	1
Cancer of Buc. Cav. and Œsoph. (m.), Uterus (f.)	—	1
Cancer of Stomach and Duodenum ...	2	1
Cancer of Breast ...	—	3
Cancer of all other sites ...	2	3
Diabetes ...	—	2
Intra-cranial Vascular Lesions ...	4	4
Heart Disease ...	14	17
Other Diseases of the Circulatory System ...	2	1
Bronchitis ...	2	1
Pneumonia ...	1	1
Other Respiratory Diseases ...	1	1
Digestive Diseases ...	—	1
Nephritis ...	1	1
Con. Mal. Birth Injury Infantile Disease ...	2	—
Suicide ...	—	1
Road Traffic Accidents ...	—	1
Other Violent Causes ...	1	—
All Other Causes ...	7	7
All causes ...	42	47

SANITARY INSPECTOR'S REPORT.

To J. R. GARROOD, Esq.

ALCONBURY HILL,

14/4/47.

Herewith is a summary of work caused to be done during 1946.

Total number of inspections made ... 1103

Notices served ... 253

(Informal, 251; Statutory, 2)

Complaints received	Total No. of	74
Premises, houses, etc.	No. inspected	582
	Nuisances abated	205
Pool, ditch, gutter, watercourse	No. Inspected	54
	Nuisances abated	21
Animals improperly kept	No. inspected	1
	Nuisances abated	1
Privy, urinal, cesspool, ashpit	No. inspected	142
	Nuisances abated	51
Drain, drain-traps, etc., etc.	No. inspected	145
	Nuisances abated	44
House, or part thereof, overcrowded	No. Inspected (See <i>Housing Act, 1936</i>)	
	Nuisances abated	Nil
Smoke nuisances	No. of observations	Nil
	Nuisances abated	Nil
Offensive accumulations	No. inspected	2
	Nuisances abated	2
Other sanitary conditions	No. inspected	Nil
	Nuisances abated	Nil
Lodging houses	No. registered	Nil
	Total No. of	Nil
Slaughter houses	No. licensed or registered	6
	No. of inspections	21
Offensive trades (sec. 112 P. Health Act, 1875)	No. established	Nil
	No. of inspections	Nil
Canal boats	No. registered	Nil
	No. of inspections	Nil
	No. with infectious diseases on board	Nil
Public Health Act, 1875	No. houses condemned	Nil
	No. closed	Nil
	No. cleaned and limewashed	Nil
	No. of	Nil
Food—seizures of unwholesome	Houses affected with	79
Infectious Disease (excluding measles and whooping-cough)	Houses inspected	79
	No. of inspections	90
	Houses disinfected	8
	Schools disinfected	Nil
	Disinfectant used—	
	Formalin and Cresol	
	Lots of clothing disinfected	8
	Lots of clothing destroyed	Nil
Privy middens	New provided	Nil
	No. repaired	Nil
	No. converted to pails	Nil
	No. converted to W.C.s	Nil
Pail or earth closets	New provided	12
	No. converted to W.C.s	1
Water closets	New provided	8
	No. supplied with water	8
Ashpits	New provided	Nil
	No. converted to ashbins	Nil
Ashbins	New provided	8

Water supply	...	...	...	Samples taken for analysis	65
				Samples condemned	6
				Wells closed	Nil
				Wells cleansed, repaired, etc.	4
				Public supply substituted for well or pond	20
				Cisterns cleansed, repaired, covered	Nil
				Waste pipes disconnected from drain	Nil
Housing, etc., Act, 1909	...	...		No. houses closed	Nil
				No. of houses made habitable	Nil
				No. houses demolished	Nil
Building Bye-Laws adopted	...	...	...	16/6/39	
Total Legal Proceedings, i.e., Summonses, etc.	...	...	...	...	Nil
Convictions	...	...	...	...	Nil

FACTORY AND WORKSHOP ACT, 1937.

Factories	...	...	...	Total number on register (including bakehouses)	27
				No. in which nuisance abated	1
Bakehouses	...	...	...	No. on register	11
				No. in which nuisance abated	1
Home Work	...	...	...	No. of outworkers	Nil
				No. of houses	Nil
				No. of infected houses	Nil
Legal Proceedings, i.e., Summonses, etc.	...	...	...	...	Nil
Convictions	...	...	...	...	Nil

J. R. GARROOD,
Medical Officer of Health.

B. R. DIXON,
Sanitary Inspector.

REPORT on WATER SUPPLY for the HUNTINGDON RURAL DISTRICT for the Year 1946.

Whether Analysis has been made during the year and the result of any such Analysis

<i>Name of Town, Village or Hamlet</i>	<i>Source of Supply, viz:— Public Supply, Wells or Ponds, etc.</i>	<i>Sufficiency or otherwise</i>	<i>Quality of water</i>
Abbots Ripton ...	Piped Supply ...	Sufficient ...	Good ...
Alconbury ...	Piped Supply ...	Sufficient ...	Good ...
Alconbury Weston ...	Piped Supply ...	Sufficient ...	Good ...
Barham ...	Private Supplies ...	Insufficient ...	Poor ...
Brampton ...	Private Supplies ...	Insufficient ...	Poor ...
Brington ...	Spring ...	Insufficient ...	Poor ...
Buckworth ...	3 Wells ...	Insufficient ...	Poor ...
Bythorn ...	Wells ...	Sufficient ...	Poor ...
Conington ...	Piped Supply ...	Sufficient ...	Good ...
Coppingford ...	Pump, Well and Pond ...	Sufficient ...	Doubtful ...
Easton ...	Pump and Well ...	Sufficient ...	Poor ...
Ellington ...	3 Wells ...	Insufficient ...	Poor ...
Great Gidding ...	Piped Supply ...	Sufficient ...	Good ...
Great Raveley ...	Piped Supply ...	Sufficient ...	Good ...
Great Stukeley ...	Piped Supply ...	Sufficient ...	Good ...
Hamerton ...	Piped Supply ...	Sufficient ...	Good ...
Keoston ...	Well ...	Sufficient ...	Poor ...
King's Ripton ...	Piped Supply ...	Sufficient ...	Good ...
Leighton ...	3 Pumps from Wells ...	Insufficient ...	Poor ...
Little Gidding ...	1 Well and Private Supplies ...	Sufficient ...	Poor ...
Little Raveley ...	Piped Supply ...	Sufficient ...	Good ...
Little Stukeley ...	Piped Supply ...	Sufficient ...	Good ...
Molesworth ...	Springs and Wells ...	Sufficient ...	Doubtful ...
Old Weston ...	2 Wells and Springs ...	Insufficient ...	Poor ...
Sawtry ...	Piped Supply ...	Sufficient ...	Good ...
Spaldwick ...	2 Pumps from Wells ...	Sufficient ...	Poor ...
Steeple Gidding ...	Private Supplies ...	Insufficient ...	Poor ...
Upton ...	Piped Supply ...	Sufficient ...	Good ...
Upwood ...	Piped Supply ...	Sufficient ...	Good ...
Winwick ...	Piped Supply ...	Sufficient ...	Good ...
Woodwalton ...	Piped Supply ...	Sufficient ...	Good ...

J. R. GARROOD, Medical Officer of Health.

14th April, 1947.

PIPED WATER SUPPLIES.

Regional Water Scheme.

	Popula- tion 1931 Census	No. of Houses	No. of Houses supplied	Farm Premises supplied	No. of Services	Estimated Popula- tion supplied
Alconbury	492	150	126	10	75	418
Alconbury Weston	276	92	85	13	59	257
Buckworth	—	—	5	2	1	15
Conington	245	71	38	3	25	131
Abbots Ripton	343	94	93	24	58	338
Kings Ripton	117	35	34	8	28	111
Sawtry	915	273	255	32	171	859
The Stukeleys	483	154	125	22	99	391
Upton and Coppingford	138	42	30	6	24	99
Upwood and The Raveleys	535	156	134	25	88	459
Woodwalton	362	68	57	9	39	297
	<u>3906</u>	<u>1135</u>	<u>982</u>	<u>154</u>	<u>667</u>	<u>3375</u>

Total quantity of water pumped in 1946 ... 89,194,000 gallons

During the four quarters of the year, one or other of the various aerodrome meters was out of order, and it is therefore impossible to give accurate figures of consumption for 1946 at those establishments, and so arrive at an accurate figure of consumption by civilian population.

Based on experience of consumption at the aerodromes it can be assumed with confidence that civilian consumption during 1946 averaged between 60,000 and 70,000 gallons per day, but it is impossible to give this figure with greater accuracy.

Gidding and Winwick Scheme.

	Popula- tion	No. of Houses	No. of Houses supplied	Farm Premises supplied	No. of services	Estimated Popula- tion supplied
Great Gidding	274	81	72	15	59	249
Hamerton	121	41	35	8	Mains owned by Estate	101
Winwick	124	42	24	13	29	81
	<u>519</u>	<u>164</u>	<u>131</u>	<u>36</u>		<u>431</u>

Total quantity of water supplied to Great Gidding and
Winwick and Hamerton ... 3,350,000 gallons

Average per day ... 9,178 „

Average daily consumption per head of estimated
population supplied ... 21.29 „

Most of the houses not connected are isolated and far removed
from the mains.

Rainfall for 1946 was 24.99 inches.

AN ANALYSIS.

DR. S. GREENBURGH,
Public Analyst.

PUBLIC ANALYST'S LABORATORY,
Tenison Road,
CAMBRIDGE.

CERTIFICATE OF ANALYSIS.

Sample of water labelled "Well at Houghton Pumping Station"
received on the 30th September, 1946, from Mr. Dixon,
Huntingdon Rural District Council.

Physical Characters ... Good
Reaction ... pH 7.4

Sample contained:—

Chlorine (combined)	4.90
Chlorine (free)	0.01
Ammonia (free and saline)	0.0024
Ammonia (Albuminoid)	0.0102
Oxygen absorbed in 3 hrs. at 37 deg. C. ...	0.0854
Nitrates (expressed as Nitrogen)	0.20
Nitrates	absent
Poisonous Metals	absent

BACTERIOLOGICAL EXAMINATION.

Coliform organisms absent in 100 mls.

Number of micro-organisms per ml. developing
on Agar at 37 deg. C. ... Nil

Number of micro-organisms per ml. developing
on Agar at 21 deg. C. ... 2

MICROSCOPICAL EXAMINATION OF DEPOSIT.

None.

TOTAL HARDNESS ... 20.56 degrees (grains per gallon).

INFERENCE.

The results obtained on the analysis of this sample indicate a hard water slightly contaminated with organic matter which however does not appear to be of a harmful nature.

I am of opinion that this water as evidenced by the sample is fit for drinking purposes.

Continuous chlorination of this water supply is to be recommended.

(Signed) S. GREENBURGH,
Public Analyst.

4th October, 1946.

HOUSING STATISTICS.

Inspection of dwelling-houses in the year.

(1) (a) Total number of dwelling-houses inspected for Housing defects (under Public Health or Housing Acts)	582
(b) Number of inspections made for the purpose ...	690
(2) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for habitation	18

Remedy of defects without service of formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	43
--	----

Action under Statutory Powers.

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	Nil
--	-----

(2) Number of dwelling-houses which were rendered fit after service of formal notice:—	
--	--

(a) by owners	Nil
----------------------	-----

(b) by Local Authority in default of owners	Nil
---	-----

B.—Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	2
---	---

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—	
--	--

(a) by owners	2
----------------------	---

(b) by Local Authorities in default of owners	Nil
---	-----

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936.

(1) Number of dwelling-houses in respect of which demolition orders were made	Nil
--	-----

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	Nil
---	-----

D.—Proceedings under Section 12 of the Housing Act, 1936

Housing Act, 1936. Part IV. Overcrowding.

A.—(1) Number of dwellings overcrowded at the end of the year	8
--	---

(2) Number of families dwelling therein	8
--	---

(3) Number of persons dwelling therein	65
---	----

B.—Number of new cases of overcrowding reported during the year	Nil
--	-----

C.—(1) Number of cases of overcrowding relieved during the year	Nil
--	-----

(2) Number of persons concerned in such	Nil
--	-----

D.—Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority has taken steps for the abatement of overcrowding	Nil
---	-----

There are very few empty houses in the district.

BAKEHOUSES.—All inspected and found generally to be clean and satisfactory.

DAIRIES, COWSHEDS AND MILKSHOPS ORDER.

Dairymen, Cowkeepers and Purveyors of Milk (Milk Sellers)—

No. in District	...	...	...	...	...	...	...	115
No. Registered	...	...	...	...	...	...	...	115
No. of Inspections of Premises	...	...	...	...	...	...	...	71
No. of Inspections during Milking Time	...	...	...	...	...	...	...	27
No. of Premises requiring Whitewashing, Cleansing, etc.	...	...	...	...	...	...	...	4
No. in which requirements of Sanitary Authority were carried out	...	...	...	...	...	...	...	5
No. of Premises requiring Structural or Sanitary Improvements	...	...	...	...	...	...	...	7
No. in which requirements of Sanitary Authority were carried out	...	...	...	...	...	...	...	7
Have Regulations been adopted?— <i>Yes.</i>								

Premises with Well Water Supply—

No. of	...	...	...	...	...	...	...	24
No. of, from which water analysed	...	...	...	...	...	...	...	Nil

Dairymen, Cowkeepers and Purveyors of Milk (Butter and Cheese Makers):—

No. in District	...	...	...	...	...	...	...	115
No. Inspected	...	...	...	...	...	...	...	71

31st March, 1947.

B. R. DIXON, *Sanitary Inspector.*

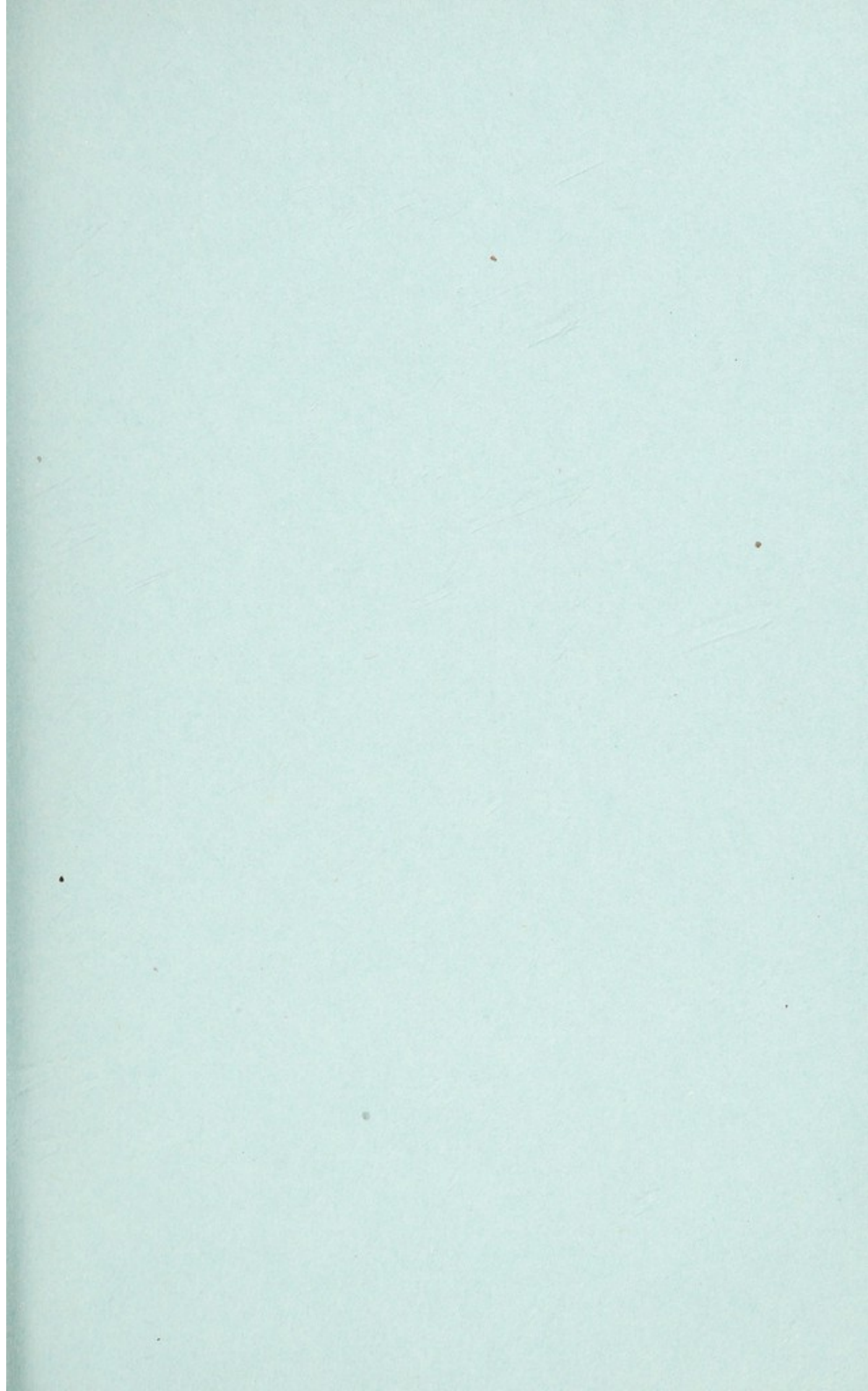
PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES.

	Cases.	Death.	Cases admitted to Hospital.
Scarlet Fever	7	—	1
Diphtheria	2	—	2 N.C.
Puerperal Pyrexia	—	—	—
Pneumonia	14	2	—
Erysipelas	6	—	—
Whooping Cough	11	—	—
Measles	4	—	—
Chicken Pox	29	—	—
Jaundice	4	—	—
Malaria	1	—	1 N.C.

Immunisation of School children, and others under 5 years old, has been continued. Very few parents object now and a number of Reinforcing doses have been given.

Tuberculosis.—The following table gives the particulars of the new cases of Tuberculosis, and deaths from the disease in the area in 1946.

Age Periods	Deaths				New Cases			
	Pulmonary M.	F.	Non-Pulmonary M.	F.	Pulmonary M.	F.	Non-Pulmonary M.	F.
0—1	—	—	—	—	—	—	—	—
1—5	—	—	—	—	—	—	1	—
5—15	—	—	—	—	—	1	—	—
15—25	—	—	—	—	—	—	—	—
25—35	—	—	—	—	1	1	—	—
35—45	—	—	—	—	1	—	—	—
45—55	—	—	—	—	—	—	—	—
55—65	—	—	—	—	—	1	—	—
65 up	—	—	—	—	—	—	—	—
TOTAL	0	0	0	0	2	3	1	0



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