

[Report 1946] / Medical Officer of Health, Thornbury R.D.C.

Contributors

Thornbury (Gloucestershire, England). Rural District Council.

Publication/Creation

1946

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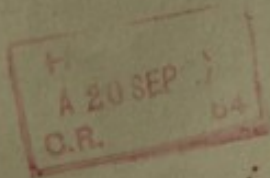
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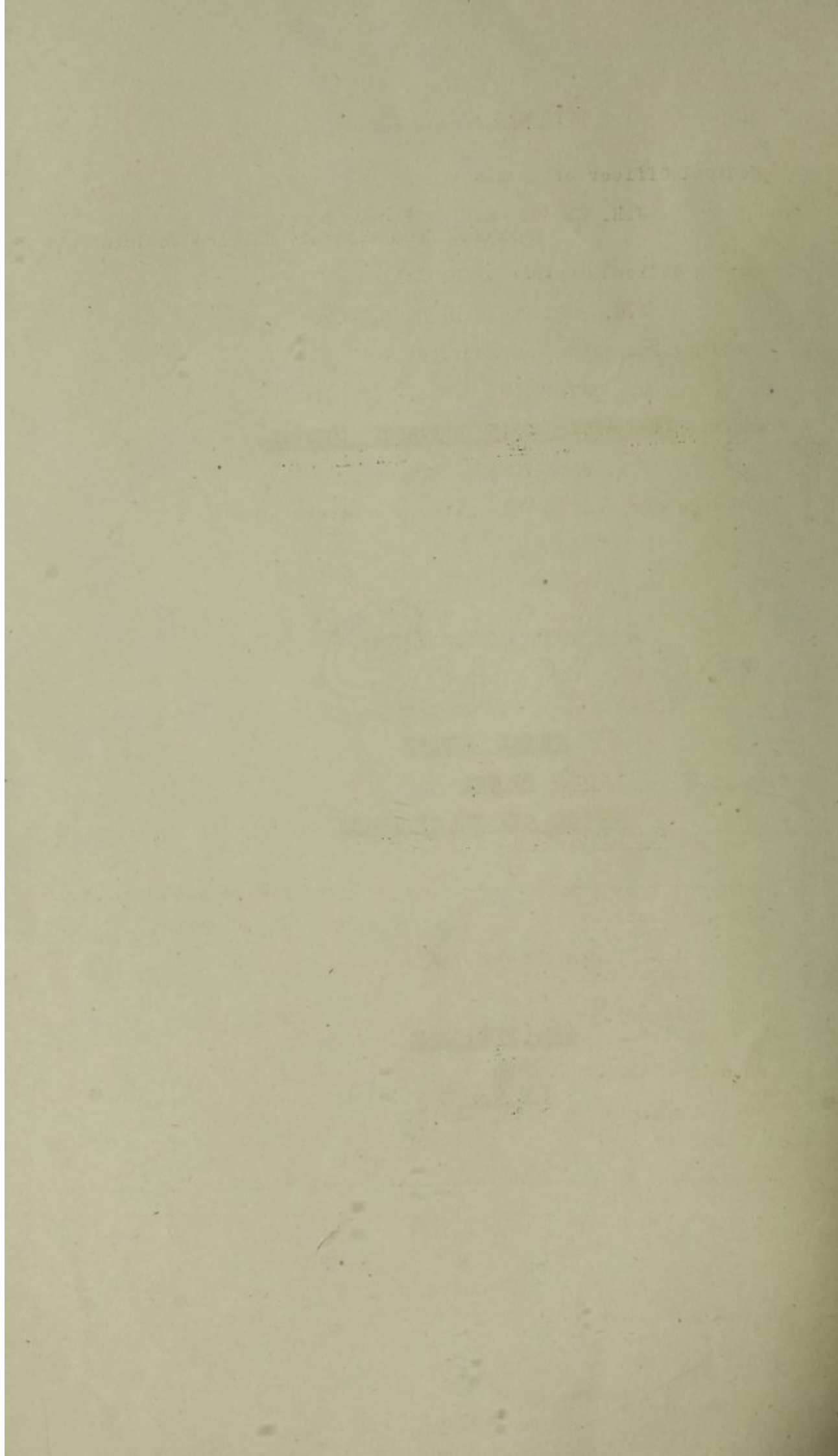


THORNBURY RURAL DISTRICT COUNCIL.

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH.

FOR THE YEAR

1946.



PUBLIC HEALTH STAFF.

Medical Officer of Health -

J.H. KITSON, M.B., M.R.C.S., D.P.H.

Released from Military Service on 18th July '46.

Acting Medical Officer of Health -

J.M. GORMACK, M.B., Ch.B., D.P.H.

Sanitary Inspector and Surveyor -

R. HUNTINGTON, M.R.S.I., M.S.I.A.

Additional Sanitary Inspector -

W.G.R. STEVENSON, M.R.S.I.

Building Surveyor and Sanitary Inspectors Assistants -

F. GUNNELL.

K.N. SHILTON.

J.T. OVENS. (Released from Military Service
on 1st July, 1946)

S T A T I S T I C S. 1 9 4 6.

(a) General Statistics:

Area of District.	61,360 acres.
Population (Registrar-General's estimate mid-1946)	23,500.
No. of inhabited houses December. (Rate Books)	6,478.
Rateable Value.	£122,522.
Sum represented by penny rate.	£500.

UNITED STATES DEPARTMENT OF AGRICULTURE

National Academy of Sciences

U. S. DEPARTMENT OF AGRICULTURE

Research and Statistics Service

Section of Statistics

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STATISTICS

1924

(a) General Statistics

1. General Statistics

1924

1924

1924

1924

1924

1924

1924

1924

1924

1924

(b) Extracts from Vital Statistics.

		Tot:	M.	F.	
<u>LIVE BIRTHS</u> -	Legitimate.	418	222	196	Birth Rate per 1,000 estimated population mid-1946 - 18.7
	Illegitimate.	22	13	9	
<u>STILLBIRTHS</u> -	Legitimate.	8	3	5	Rate per 1,000 total (Live & stillbirths) 17.9
	Illegitimate.	0	0	0	
<u>DEATHS</u> -		282	152	130	Death rate per 1,000 estimated average population 12.0

Number of women dying in, or in consequence of
Childbirth,

from Sepsis 0
from other causes 0

Rate per 1,000 total (live and still) births. NIL.

	Total.	M.	F.
Deaths of infants under one year -			
Legitimate	16	12	4
Illegitimate	2	2	0

Death Rate of Infants under one year of age -

All infants per 1,000 live births 41
Legitimate infants per 1,000 legitimate live births.. 38
Illegitimate infants per 1,000 illegitimate live births.
91

Deaths from Cancer (all ages).. .. . 41
Deaths from Measles (all ages) 0
Deaths from Whooping Cough (all ages) .. 0
Deaths from Diarrhoea (under two years). 2

Causes of Death in 1946.

Disease.	Male.	Female.
1. Typhoid & Paratyphoid Fevers.	0	0
2. Cerebro-spinal Fever.	0	0
3. Scarlet Fever.	0	0
4. Whooping Cough.	0	0
5. Diphtheria.	0	0
6. Tuberculosis of Respiratory System.	6	3
7. Other forms of Tuberculosis.	0	1
8. Syphilitic Diseases.	0	0
9. Influenza.	1	1
10. Measles.	0	0
11. Ac. Polio-myel : and Polio-enceph.	0	0
12. Ac. inf. enc. oph.	0	0
13. Cancer of b. cav. and oesoph (M)	0	0
uterus (F)	0	4
14. Cancer of stomach and duodenum.	8	4
15. Cancer of breast.	0	4
16. Cancer of other sites.	14	7
17. Diabetes.	1	6
18. Intracranial vascular lesions.	11	13
19. Heart Disease.	59	46
20. Other diseases of circ. system.	1	6
21. Bronchitis.	4	8
22. Pneumonia.	5	4
23. Other Respiratory diseases.	2	2
24. Ulcer of stomach or duodenum.	1	1
25. Diarrhoea under 2 years.	2	0
26. Appendicitis.	1	0
27. Other digestive diseases.	4	2
28. Nephritis.	4	2
29. Puer: and post-abortion: sepsis.	0	0
30. Other maternal causes.	0	0
31. Premature birth.	4	6
32. Consmal: birth inj; infant disease.	6	3
33. Suicide.	0	0
34. Road traffic causes.	2	0
35. Other violent causes.	5	4
36. All other causes.	11	9
Totals:	152	130.

Index of Subjects

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91. Energy
92. Technology
93. Industry
94. Commerce
95. Finance
96. Banking
97. Insurance
98. Real Estate
99. Construction
100. Manufacturing

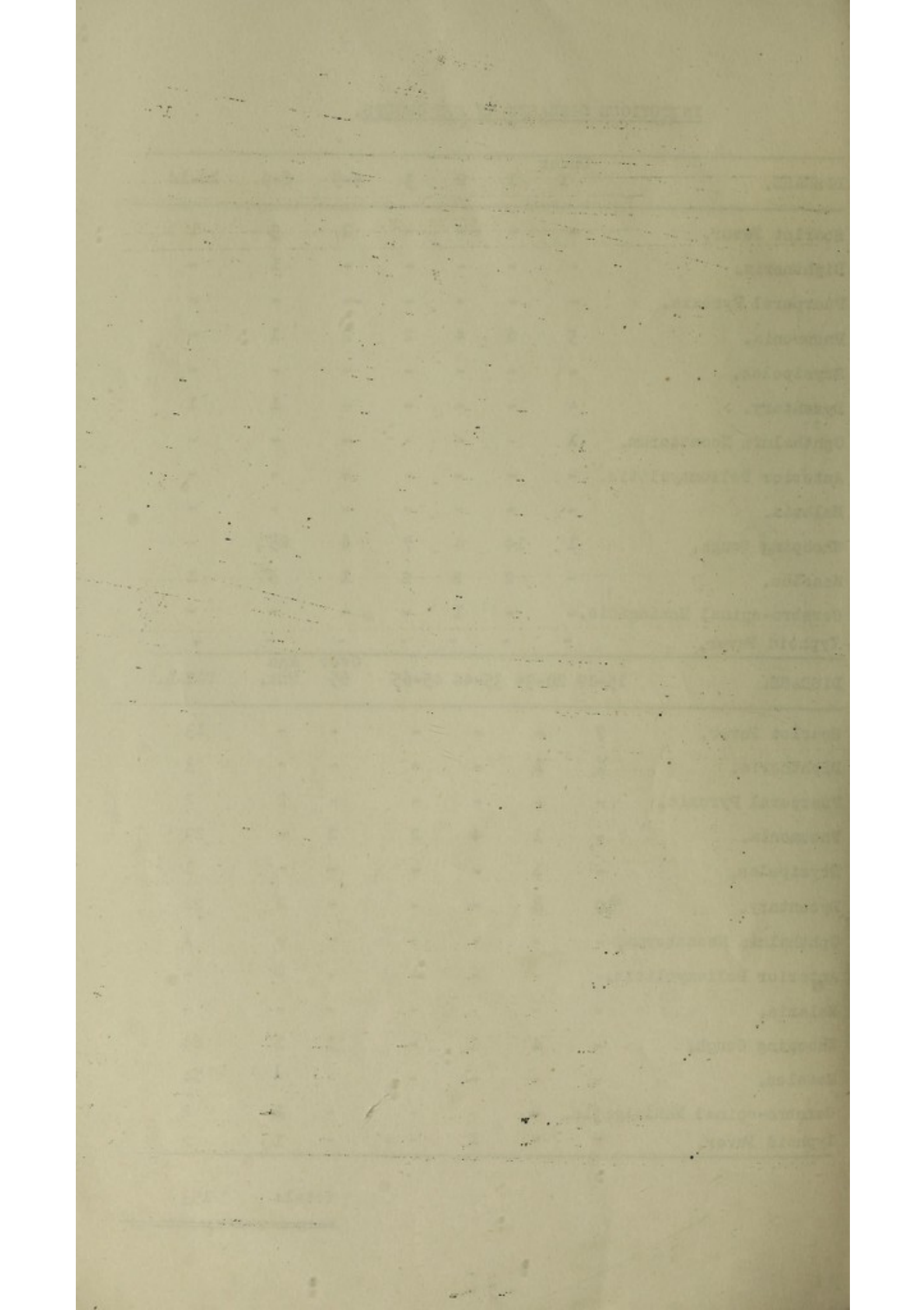
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INFECTIOUS DISEASES IN AGE GROUPS.

DISEASE.	Under 1	1	2	3	4-5	6-9	10-14
Scarlet Fever.	-	-	-	-	2	3	1
Diphtheria.	-	-	-	-	-	1	-
Puerperal Pyrexia.	-	-	-	-	-	-	-
Pneumonia.	5	6	4	2	2	1	-
Erysipelas.	-	-	-	-	-	-	-
Dysentary.	-	-	-	-	-	1	1
Ophthalmia Neonatorum.	1	-	-	-	-	-	-
Anterior Poliomyelitis.	-	-	-	-	-	-	-
Malaria.	-	-	-	-	-	-	-
Whooping Cough.	1	14	4	7	6	25	-
Measles.	-	2	2	2	1	5	1
Cerebro-spinal Meningitis.	-	-	1	-	-	-	-
Typhoid Fever.	-	-	-	-	-	-	-

DISEASE.	15-19	20-34	35-44	45-65	Over 65	Age Unk.	TOTAL.
Scarlet Fever.	7	-	-	-	-	-	13
Diphtheria.	1	1	-	-	-	-	3
Puerperal Pyrexia.	-	-	-	-	-	2	2
Pneumonia.	-	1	4	2	2	-	29
Erysipelas.	-	1	-	-	-	-	1
Dysentary.	10	8	-	-	-	2	22
Ophthalmia Neonatorum.	-	-	-	-	-	-	1
Anterior Poliomyelitis.	-	-	-	-	-	-	-
Malaria.	-	-	-	-	-	-	-
Whooping Cough.	-	4	1	-	1	1	64
Measles.	-	-	-	-	-	1	14
Cerebro-spinal Meningitis.	-	-	-	-	-	1	2
Typhoid Fever.	-	-	1	-	-	1	2

Total: 153



TUBERCULOSIS.

AGES:	NEW CASES.				DEATHS.			
	Respiratory.		Non Respiratory.		Respiratory.		Non Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1.	-	-	-	-	-	-	-	-
1 -	-	-	-	-	-	-	-	-
5 -	-	-	1	-	1	-	-	-
15 -	4	5	2	2	1	2	-	1
25 -	3	3	-	1	1	2	-	-
35 -	2	-	-	1	-	-	-	-
45 -	-	-	-	-	2	-	-	-
55 -	1	-	-	-	1	-	-	-
65 & over.	1	-	-	-	-	-	-	-
TOTALS:	11	8	3	4	6	4	NIL	1

WATER SUPPLY. (1) a. The quality of the water supply is unsatisfactory except where there is a piped supply.

(b) The quantity is satisfactory where there is a piped water supply:- in the parishes of Almondsbury, Alveston, Cromhall, Olveston, Redwick & Northwick and Thornbury. In the remaining parishes, the supply is totally inadequate for domestic and agricultural needs.

(11) Water supplied by the West Gloucestershire Water Company and the Bristol Waterworks Company is chlorinated and frequently examined bacteriologically. No samples have been submitted independently.

(111) There is no liability to plumbo-solvent action.

(1V) A stream and a number of wells became polluted as a result of an unsatisfactory effluent from a sewage disposal works of a Military Camp in the Compton Greenfield district of the parish of Almondsbury.

The Bristol Waterworks Company's main was extended to supply twenty-three properties direct.

TABLE 1									
Year	1950	1951	1952	1953	1954	1955	1956	1957	1958
1	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100
44	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100
51	100	100	100	100	100	100	100	100	100
52	100	100	100	100	100	100	100	100	100
53	100	100	100	100	100	100	100	100	100
54	100	100	100	100	100	100	100	100	100
55	100	100	100	100	100	100	100	100	100
56	100	100	100	100	100	100	100	100	100
57	100	100	100	100	100	100	100	100	100
58	100	100	100	100	100	100	100	100	100
59	100	100	100	100	100	100	100	100	100
60	100	100	100	100	100	100	100	100	100
61	100	100	100	100	100	100	100	100	100
62	100	100	100	100	100	100	100	100	100
63	100	100	100	100	100	100	100	100	100
64	100	100	100	100	100	100	100	100	100
65	100	100	100	100	100	100	100	100	100
66	100	100	100	100	100	100	100	100	100
67	100	100	100	100	100	100	100	100	100
68	100	100	100	100	100	100	100	100	100
69	100	100	100	100	100	100	100	100	100
70	100	100	100	100	100	100	100	100	100
71	100	100	100	100	100	100	100	100	100
72	100	100	100	100	100	100	100	100	100
73	100	100	100	100	100	100	100	100	100
74	100	100	100	100	100	100	100	100	100
75	100	100	100	100	100	100	100	100	100
76	100	100	100	100	100	100	100	100	100
77	100	100	100	100	100	100	100	100	100
78	100	100	100	100	100	100	100	100	100
79	100	100	100	100	100	100	100	100	100
80	100	100	100	100	100	100	100	100	100
81	100	100	100	100	100	100	100	100	100
82	100	100	100	100	100	100	100	100	100
83	100	100	100	100	100	100	100	100	100
84	100	100	100	100	100	100	100	100	100
85	100	100	100	100	100	100	100	100	100
86	100	100	100	100	100	100	100	100	100
87	100	100	100	100	100	100	100	100	100
88	100	100	100	100	100	100	100	100	100
89	100	100	100	100	100	100	100	100	100
90	100	100	100	100	100	100	100	100	100
91	100	100	100	100	100	100	100	100	100
92	100	100	100	100	100	100	100	100	100
93	100	100	100	100	100	100	100	100	100
94	100	100	100	100	100	100	100	100	100
95	100	100	100	100	100	100	100	100	100
96	100	100	100	100	100	100	100	100	100
97	100	100	100	100	100	100	100	100	100
98	100	100	100	100	100	100	100	100	100
99	100	100	100	100	100	100	100	100	100
100	100	100	100	100	100	100	100	100	100

(1) The purpose of this study is to determine the effect of the treatment on the growth of the plants. The study was conducted in a greenhouse under controlled conditions. The plants were grown in pots and were divided into two groups: a control group and a treatment group. The treatment group received a specific treatment, while the control group did not. The growth of the plants was measured in terms of height, leaf area, and biomass. The results of the study are presented in the following table.

(2) The treatment group showed a significant increase in growth compared to the control group. The plants in the treatment group were taller, had larger leaves, and had a greater biomass. This suggests that the treatment had a positive effect on the growth of the plants.

(3) The results of the study are consistent with the hypothesis that the treatment would have a positive effect on plant growth. The data shows that the treatment group had a higher growth rate than the control group throughout the study.

(4) The study was limited by the fact that it was conducted in a greenhouse. The results may not be applicable to plants grown in the field. However, the study provides a useful indication of the potential effects of the treatment on plant growth.

(5) The study was conducted over a period of 10 weeks. The results show that the treatment had a significant effect on plant growth within this time frame. Further studies could be conducted to determine the long-term effects of the treatment on plant growth.

(V)

Parish.	Estimated Population.	Number of properties in Parish.	Number of properties connected with a piped water supply.
Alkington.	736	200	NIL
Almondsbury.	7,500	2,000	1,835
Alveston.	1,278	384	304
Aust.	453	125	6
Berkeley.	1,002	307	(private supply) 50
Charfield.	865	244	NIL
Gromhall.	586	177	83
Falfield.	400	117	5
Ham & Stone.	666	179	NIL
Hamfallow.	1,008	256	NIL
Hinton.	1,840	420	NIL
Hill.	158	40	NIL
Oldbury-on-Severn.	563	165	NIL
Olveston.	1,124	367	224
RangeWorthy.	252	78	NIL
Redwick & Northwick.	1,670	448	439
Rockhampton.	146	41	NIL
Tortworth.	216	52	NIL
Tytherington.	578	146	121
Thornbury.	2,720	741	537

The only dwelling-houses supplied by means of stand-pipes are twelve in Church Lane, Olveston.

A public inquiry was held at Berkeley in September 1946 to consider the Gloucester City Council's proposals to supply the northern part of the Thornbury Rural District. No objection was raised and the scheme was approved.

DRAINAGE AND SEWERAGE.

Messrs. John Taylor & Sons, Chartered Civil Engineers, Artillery House, Victoria Street S.W.1. have prepared a comprehensive report on the drainage of the district.

SUMMARY OF SANITARY INSPECTOR'S VISITS AND NOTICES SERVED DURING THE YEAR.

<u>General Sanitation.</u>	<u>Number of inspections or visits.</u>
Water Supply.	52
Drainage.	309
Stables and Piggeries.	1
Fried Fish Shops.	2
Tents, Vans and Sheds.	34
Factories.	5
Workplaces.	1
Bakehouses.	30
Public Conveniences.	199
Theatres and places of entertainment.	1
Refuse Collection.	35
Refuse Disposal.	67
Rats and Mice.	1
Schools.	1
Shops.	3
Miscellaneous Sanitary Visits.	120
Council House Repairs.	972
A.R.P. and Air Raid Shelters.	67
Town Planning.	27
Sewage Disposal Works.	64
Control of Civil Building.	485
Survey (Inspections).	2,474
<u>Housing.</u>	
Under Public Health Acts.	121
Under Housing Acts.	20
Overcrowding.	3
Verminous Premises.	35
New Buildings.	148
Miscellaneous Housing Visits.	3
Requisitioned Properties.	42
Post War Housing.	129
Housing Meetings.	3
<u>Infectious Diseases.</u>	
Inquiries in cases of I.D.	28
Visits re. disinfection.	23
Miscellaneous I.D. Visits.	1
<u>Inspection of Meat.</u>	
Visits to Slaughterhouses.	120
Visits to shops and stalls.	26
Visits to other premises.	2
Butchers.	3
Cowsheds.	134
Dairies and Milk Shops.	20
Ice Cream Premises.	1
<u>Visits in connection with sampling.</u>	
Milk - Bacteriological	1
Water sampling.	13
	5,826

Sanitary Inspection of the area.

(a)	Inspections made.....	5,826
(b)	Nuisances discovered or reported (total)	80
(c)	" " " " (swine only)	NIL
(d)	Complaints received.....	26
(e)	Informal or preliminary Notices served.	54
(f)	Statutory Notices sent	7
(g)	Nuisances abated during the year.....	39
(h)	Summons issued.....	NIL
(i)	Convictions obtained.....	NIL

Carcasses Inspected and Condemned.

	Cattle (excl. cows)	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number Killed.	-	-	-	11	1,249
Number Inspected.	-	-	-	11	1,249

Carcasses Condemned.

	Cattle (excl. cows.)	Cows.	Calves.	Sheep and Lambs.	Pigs.
All disease except Tuberculosis:-					
Whole carcasses condemned.	-	-	-	1	0
Part of carcasses of which some part of organ was condemned.	-	-	-	7	7
Percentage of the number of carcasses inspected affected with diseases <u>other than</u> tuberculosis.	-	-	-	63.6%	0.56%

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the problem and the objectives of the research. It also mentions the scope of the study and the methods used.

2. The second part of the report is a detailed description of the experimental work. It includes a description of the apparatus used, the procedure followed, and the results obtained. It also discusses the errors and limitations of the experiment.

3. The third part of the report is a discussion of the results. It compares the results with the theoretical predictions and with the results of other experiments. It also discusses the implications of the results and the conclusions drawn from the study.

TABLE I

Time (sec)	Distance (cm)	Velocity (cm/sec)
0	0	0
10	10	1.0
20	20	2.0
30	30	3.0
40	40	4.0
50	50	5.0
60	60	6.0
70	70	7.0
80	80	8.0
90	90	9.0
100	100	10.0

4. The fourth part of the report is a conclusion. It summarizes the main findings of the study and discusses the implications of the results. It also mentions the limitations of the study and the need for further research.

5. The fifth part of the report is a bibliography. It lists the references used in the study.

6. The sixth part of the report is an appendix. It contains supplementary material, such as photographs of the apparatus and the experimental setup.

TABLE II

Time (sec)	Distance (cm)	Velocity (cm/sec)
0	0	0
10	10	1.0
20	20	2.0
30	30	3.0
40	40	4.0
50	50	5.0
60	60	6.0
70	70	7.0
80	80	8.0
90	90	9.0
100	100	10.0

Carcasses Condemned.

<u>Tuberculosis Only.</u>	Cattle (excl. cows.)	Cows.	Calves.	Sheep and Lambs.	Pigs.
Whole carcasses condemned.	-	-	-	-	11
Carcasses of which some part or organ was condemned.	-	-	-	-	88
Number of carcasses inspected affected with Tuberculosis.	-	-	-	-	7.04%

Condemned Food Register.

During the year the following weight of food was inspected
and condemned:-

	lbs.
Meat (Pigs Only) Tuberculosis.....	3,409
Meat (Other diseases).....	853 $\frac{1}{2}$
Tins and jars various foods (approx. weight).....	126
Other foods.....	69
Total:	<u>4,457$\frac{1}{2}$ lbs.</u>

THE [illegible] OF [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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