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## BOROUGH OF BRIDGWATER

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1950

R. H. WATSON, M.B., B.Ch., B.A.O., D.P.H.

MEDICAL OFFICER OF HEALTH



### BOROUGH OF BRIDGWATER

### ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1950

Health Department,
Albert Street,
Bridgwater.

August, 1951.

TO:

The Mayor, Aldermen and Councillors of the Borough of Bridgwater

Mr. Mayor, Ladics and Gentlemen,

I have pleasure in presenting my Annual Report for the year 1950, which has been prepared on the lines suggested by the Ministry of H calth. There were no outbreaks of infectious diseases in the District during the year.

After reaching a peak of 26.61 in 1947, the birth rate has fallen gradually each year since then, and in 1950 it was 18.07. This still compares favourably with the birth rate for the country as a whole. Otherwise the vital statistics show little change from those of the previous year.

I wish to thank the Chairman and Members of the Public Health Committee for their support, Mr. Lean and his assistants for their excellent cooperation, and the Heads of other Departments for their assistance during the year.

am, Y our obedient Servant

R. H. WATSON.

### STATISTICS FOR THE YEAR 1950

Arca (Acros)

Population (Registrar General's estimate) 1950

No. of inhabited houses on 31st December, 1950

Rateable value on 31st December, 1950

Sum represented by a 1d. rate on 31st December, 1950£

530

In the following tables the figures in brackets represent the corresponding figures for the previous year.

### Live Births

	Mal	C	Fcma	10	To	tal	
Legitimate Illegitimate	204	(236) (11)	189	(214) (6)	393 16	(450) 17)	
	212	(247)	197	(220)	409	(467)	
Birth Rate per 1,0	00 of c	stimated	residen	nt popula	ation	18.07	(20.89)
		gure for factor fo			los	15.8	
Still Births			•••			16	(11)
Still Birth Rate p	cr 1,00	O total (	livo &	still bi	irths)	39.12	(23.01)
Doath Rate. Tota	1 numbo	r of deat	hs			290	(295)
Doath Rate per 1,0	00 of t	hc estima	tcd res	ident po	pulatio	n 12.77	(13.19)
		urc for E actor for			s	11.6 0.97	
Infantilc Mortalit	y (Deat	hs of inf	ants un	der one	year of	agc)	
Logitims Illogiti			11	<u>{14}</u>			
			13	(14)			
Rate of all infant	s per 1	,000 birt	hs			31.74	(30.00)

live births

27.99 (31.11)

live births 125.00 (Nil)

### Other Deaths

Doaths	from	Malignant Ncoplasms	48
Deaths	from	Measles	-
Doaths	from	Whooping Cough	-
		Gastritis, Enteritis and Diarrhoca	1

Rate for all legitimate infants per 1,000 legitimate

Rate for all illegitimate infants per 1,000 illegitimate

VERNER VIEW . . . ..

### Causes of Death during 1950.

Cause of Death	M	F	Total
All causes	149	141	290
1. Tuberculosis of the respiratory system 2. Other forms of tuberculosis 3. Syphilitic disease 4. Diphtheria 5. Whooping Cough 6. Meningococcal infection 7. Acute Poliomyelitis 8. Measles 9. Other infective and parasitic diseases 10. Malignant neoplasm of stomach 11. Malignant neoplasm of lung, bronchus 12. Malignant neoplasm of uterus 13. Malignant neoplasm of uterus 14. Other malignant and lymphatic neoplasms 15. Leukaemia, aleukaemia 16. Diabetes 17. Vascular lesions of the nervous system 18. Coronary disease and angina 19. Hypertension with heart disease 20. Other heart diseases 21. Other circulatory diseases 22. Influenza 23. Pnoumonia 24. Bronchitis 25. Other diseases of respiratory system 26. Ulcer of stomach and duodenum 27. Gastritis, enteritis and diarrhoca 28. Nephritis and nephrosis 29. Hyperplasia of prostate 30. Pregnancy, childbirth, abortion 31. Congenital malformations 32. Other defined and ill-defined diseases 33. Motor vehicle accidents 34. All other accidents 35. Suicide 36. Homicide and operations of war	7111111561161175534148611181171311	411111215131307265144211211151111	11211111765191372799182811381121322

# PREVALENCE AND CONTROL OVER INFECTIOUS AND CONTAGIOUS DISEASES

The following table sets out the cases of notifiable diseases that occurred in the Borough during 1950. The table is drawn up after making the necessary corrections in diagnosis by either the practitioners or the Medical Officers at the Isolation Hospitals.

Discasc	Total No. of Cases
Dysentery Scarlet Fever Whooping Cough Measles Acute Poliomyelitis Erysipelas Puerperal Pyrexia	1 24 33 3 7 3 1
	72

The incidence of notifiable infectious diseases shows a considerable decrease from that of the previous year. The incidence of infantile paralysis throughout the Country as a whole again rose sharply and becuase of increased prevalence in neighbouring areas it was recommended in September that operations for the removal of tensils and adenoids, and routine dental extractions, should be postponed except in cases of urgency. Corrected figures for other parts of the County are not at present available, but it is probable that compared with other areas, the Borough was relatively lightly affected. Restrictions on operations of the upper respiratory tract were removed in December.

### Diphtheria Immunisation

The following table shows the number of children who completed a course of immunisation during the year.

Agod under 5 years	Agod 5 - 15 years	Total
171	79	250

The method of protection commonly in use is to give each child two immunising injections at the age of one year, and a third reinforcing injection early in school life. The reinforcing injection is most important to ensure protection during the early school years, and 102 such injections were given during the year. In addition 24 children under the age of one year completed a course of immunisation with a combined diphtheria and whooping cough vaccine.

Following the epidemic of infantile paralysis in 1947, study of cases which occurred in London showed in some cases a possible relation between immunising injections and localisation of paralysis. In a small number of cases, children who developed infantile paralysis and who showed maximum paralysis in one limb were found to have had an injection in that limb during the preceding few weeks. It was considered possible that the small amount of tissue damage which follows intramuscular injection may have been a precipitating, or localising factor in an existing, or subsequent infection with infantile paralysis virus. The relationship, if any, is not quite clear and is at present the subject of thorough investigation by the Ministry of H calth.

However, in the light of existing knowledge, it was decided to stop diphtheria immunisation last autumn and this is reflected in a reduction in the number of children under the age of five years who were immunised, as compared with the previous year.

### Tuberculosis

There were 37 cases of respiratory and 5 cases of non-respiratory tuberculosis notified during the year. The figure for respiratory cases is 4 less than the previous year.

### Scabics

Very few cases have come to the notice of the H calth Department during the year.

### Verminous Conditions

The Cleansing Centre at 60 High Street was closed on the 30th June, 1950. In future any cases requiring cleansing, and which are the responsibility of the Council will be treated at the new Cleansing Centre opened by the County Council at the Health Centre, Mount Street, Bridgwater.

### Distribution of Meat

Following representation to the Ministry of Food during the previous year, there has been an improvement in the conditions under which meat is delivered to retailers in the District, and this improvement has been maintained, although conditions are not yet such as to be considered entirely satisfactory.

### National Assistance Act, 1948, Section 47

This Section of the Act enables Local Authorities to apply to Court for an Order to secure the care of persons who by reason of infirmity, old age or other conditions, are unable to care for themselves and are not receiving from other people proper care and attention, and who are living in insanitary conditions. Several cases were dealt with, but in only one case was it found necessary to proceed for a Court Order. This was the case of a woman aged 85 years who lived by herself and who was, for some considerable time, unable adequately to look after herself or her house. Shortly before the case came to the notice of the Health Department she had an heart attack and as a result she was then completely unable to help herself and was in fact unable to leave her chair from which she flatly refused, at any time, to be moved. Despite the dreadful condition of the woman and the house and a heavy infestation with fleas, neighbours gave all possible help. No relatives could be found, and eventually application was made to Court for an Order to remove the woman to hospital, but she died before the case could be heard.

#### Welfare of Old People

The Council considered Ministry of Health circular 11/50 dealing with the Welfare of Old People and as a result, following a public meeting of all interested organisations, convened by His Worship the Mayor, the Bridgwater Old Peoples Welfare Committee has been founded. The chief function of the Committee is to organise, through its constituent voluntary bodies, an effective voluntary home visiting service and to co-ordinate its work with that of various statutory agencies concerned. The duties of the visitors include helping the old people with their shopping, obtaining books. from libraries, letter writing, mending and generally solving minor domestic difficulties. Home visiting of this kind has been shown to be of particular value, for it can

mitigate the sense of isolation and lengliness often experienced by old people.

### Factorios Act, 1937 & 1948.

The following particulars indicate the action taken under Part 1 of the Factories Act, 1937.

Promisos		Number	Number of			
		on Register	Insps.	Written Notices	Occupiors prosecuted	
(i)	Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	62	10	-	_	
(ii)	Factorics not included in (i) in which Section 7 is enforced by the Local Authority	71	33	-	-	
(111)	Other premises in which Section 7 is enforced by the Local Authority (excluding out workers' premises)	-	-	-	-	
	Total	133	43	-	-	

	No. of	No. of cases in which defects were found				
	Found	Romodicd	To H.M. Insp.		prosecu- tions were in- stituted	
Want of cleanliness (S.1) Overcrowding (S.2)	2	1				
Unreasonable temperature (8.3)						
Inadequate ventilation (S.4) Ineffective drainage of floors (S.6)						
Sanitary conveniences (S.7)  (a) Insufficient	1			1		
(b) Unsuitable or defective	3	3		3		
(c) Not separate for sexes Other offences against the Act (Not including offences relating to Outwork)						
Total	6	4		4		

-		workers in Aug. list required by Sect. 110(1)	cases of default in sending lists to	prosecut- ions for feilure to	instances	Prosscutions
	Wearing apparel (making)	71	1	-	-	-

### Housing

The following table shows the progress made during the year:-

	Houses durin	aractod g yoar	Houses in course of erection		Conversion to flats or dwellings		Tomporary such as Army Huts etc
	Perm.	Temp.	Perm.	Temp.	Perm.	Temp.	
Local Authority	150	-	138	1	-	-	-
Private Enterprise	26	-	9	-	-	-	-
Total	176	-	147	-	-	-	-

### H ouses required

(a) To replace those unfit
(b) To abate overcrowding
(c) Where conditions are unsatisfactory e.g. two families living in same house, but not included in (a) or (b) Nil

Total number of applicants for Council Houses at the end of the year

1,367

Houses occupied that have been condemned as totally unfit 3

No. of houses found overcrowded

3

### SANITARY CIRCUMSTANCES OF THE AREA

### 1. Water Supply

Regular bacteriological examinations have been made of both the raw water and the water going into supply.

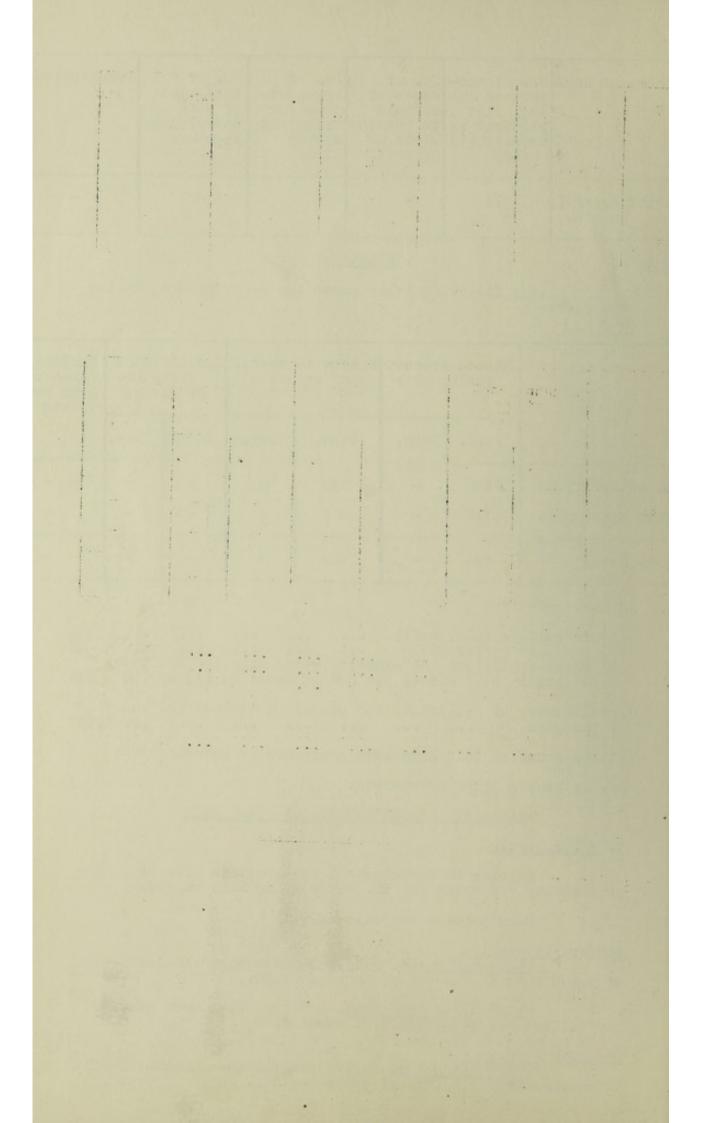
Results were as follows:-

Ashford Reservoir
Untreated Water. Four samples were examined, all of which showed evidence of contamination.

Water after treatment. Ten samples were examined and all but one gave excellent results.

Durleigh Reservoir

Untreated Water. Five samples were examined, all of which showed evidence of contamination.



Water after treatment. Eleven samples were taken and all but one gave excellent results.

Arrangements have been made to ensure that all persons working in connection with the water supply are medically examined before commencing their duties. All possible steps are taken to exclude carriers of the enteric group of fevers.

### 2. Swimming Baths

Supervision has been maintained over the condition of the water in the swimming baths. Samples of the water from both baths have been submitted for bacteriological examination and have given only fair results.

The existing method of sterilisation is extremely crude and cannot be compared with the filtration and chlorination plants which exist in modern swimming baths.

### 3. Sanitary Inspection of the Area

The records given in the Chief Sanitary Inspector's report show the number of insanitary conditions dealt with.

TO:

The Mayor, Aldermen and Councillors of the Borough of Bridgwater

Mr. Mayor, Ladies and Gentlemen,

I have the honour to submit my Annual Report for the year ending 31st December, 1950. This report is still of necessity very curtailed.

### Complaints

During the year 173 complaints were received and dealt with under the Public Health or Housing Acts, and in addition there were 130 complaints of rat infestation. This is a slight decrease on the figures for 1949.

In 21 cases Statutory Notices were served but in no instance was it necessary to take legal proceedings.

### Housing

192 houses were inspected for the purpose of having housing defects remedied whilst 7 houses were systematically inspected under the Housing Regulations. No Demolition Orders were made but 10 houses the subject of Demolition Orders in 1948 were demolished during the year. Undertaking not to use the houses for human habitation were given in respect of two houses.

The improvement in the supply of labour and materials available for the repair of existing houses has been maintained, as is shown by the amount of repair work shown in the schedule at the end of the report.

#### Overcrowding

Only 5 cases of overcrowding were abated during the year, a decrease of 3 as compared with 1949. 41 inspections were carried out for the purpose of ascertaining if overcrowding existed and 5 new cases were found. The number of known cases remaining unabated at the end of the year was 43. No systematic inspections were carried out during the year, however, and the number of actual cases must be greatly in excess of the number known. The acute shortage of housing accommodation makes the abatement of overcrowding very difficult, especially in cases where the actual number of persons is only slightly in excess of the permitted number.

### Verminous Premises

The number of houses found to be verminous was 7, a decrease on the figure for 1949.

### Meat and Foods

Under the Government Scheme slaughtering is carried out at Weston-super-Marc, and, therefore, the only meat inspection is that of pigs for home consumption, casualties and the inspection of meat at butchers' shops.

A large quantity of other foods has been condemned and in this connection over 250 visits have been paid to grocers and similar shops. The following is a list of food condemned.

Beef Wet Fish Sweetened Fat Sugar	3		7 lbs. 85 lbs. 66 lbs.
Canned Fish Canned Meat Canned Fruit Canned Vegetables	583 311	Tins Tins Tins Tins	00 200.
Canned Soup Canned Milk Fish and Meat Paste Pickles and Sauces	23 357 5	Tins Tins Jars Jars	
Jam Bacon Chcesc	77	Tins	18½ lbs.
Dried Fruit Sausages Orange Pulp Orange Peol			50 lbs. 41 lbs. 3 cwt. 3 cwt.
Other Foods	2	cwt.	84 lbs.

### Dairies and Milkshops

The number of persons retailing milk in the Borough is now 28, whilst there are 14 dairies. This is a decrease of one retailer on last years figures.

The quantity of Graded milk sold in the Borough is still increasing, there being 9 retailers selling Tuberculin Tested milk and 1 selling Pasteurised Milk

56 samples of Graded milk were examined during the year and all but one were satisfactory.

#### Icc-Cream

The number of premises registered for the manufacture or sale of ice-cream is as follows:-

Registered for manufacture and sale 9
Registered for sale only 45

TOTAL

24

The above figures are, however, somewhat misleading as only in 4 cases is the manufacture of ice-cream being carried out. There has been a further increase in the amount of wrapped ice-cream sold, with a consequent decrease in the quantity of "loose" ice-cream.

70 samples of ice-cream were submitted for bacteriological examination during the year and these were provisionally graded as follows:-

Grade 1 38, Grade 2 14, Grade 3 5, Grade 4 5.

#### Not examined 8.

These results are a great improvement on those obtained in 1949.

### Rats and Micc Destruction Act.

The sytematic destruction of rats and mice is carried out satisfactorily. There are two fully trained Rodent Operators on the staff and the system of block control is being operated.

Two maintenance treatments of the sewers were carried out with excellent results and the Refuse Tip received regular attention.

### Staff.

Mr. N.C.M. Pitman, Additional Sanitary Inspector left in April to take up an appointment at Cheltenham and the vacancy was filled by Mr. C.W. Richards of Leicester. It was a matter for deep regret that Mr. Pitman was taken scriously ill soon after leaving Bridgwater and passed away in the early Autumn.

### Summary

### Inspections made during the year

### Gonoral Sanitation

Water Supply	36
Drainage .	181
Stables and Piggeries	13
Houses let in lodgings	5
Factorics	45
Rats and Mico	209
Shops	114
Inns	86
Swimming Baths	68
Public Conveniences	113
Smoke	208
Miscellancous	156

### Housing

Houses inspected under Public Health Acts Visits paid to the above houses	192 995
Houses inspected under Housing Acts	7
Visits paid to the above houses	49
Houses inspected in connection with overcrowding	41
Visits paid to the above houses	48
Verminous premises inspected	11
Visits and to the above premises Miscellaneous	13

### Infectious Diseases

Inquirics	in cases of Infectious Diseases	16
Visits ro	disinfection	2
Miscellane	ous	4

### Meat and Food Inspections

Visits	to	Slaughterhouses	41
Visits	to	Shops and Stalls	19
Visits	to	other premises for meat inspection	15
Visits	to	Butchers	43
Visits	to	Fishmongers and Poulterers	14
Visits	to	Grocers	158

silval -

I am, Mr. Mayor, Ladics and Gontlemen,

Your obcdient servant,

R. K. LEAN,

