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**Contributors**

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B O R O U G H   O F   B I L S T O N .

(Staffordshire)

R E P O R T

on the

PUBLIC HEALTH SERVICES

For The Year 1940.

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B.C. HALLER, M.A., (Cantab.), L.R.C.P (Edin)  
D.P.H. (Camb.)

Medical Officer of Health and School Medical Officer.

F. BARNETT, A.R. San. I.

Sanitary Inspector.

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STURGES  
CINCINNATI

S T A F F  
of the  
PUBLIC HEALTH DEPARTMENT.

Whole Time Officers.

Medical Officer of Health,  
Medical Superintendent Infectious Diseases Hospital,  
Medical Officer for Maternity and Child Welfare,  
and School Medical Officer.

B.C. HALLER, M.A., (Cantab.), L.R.C.P.E., L.R.C.S.E., D.P.H. (Camb.)

Part Time Officer (Maternity and Child Welfare):

JANE A. NAGLE, M.B., B.Ch.

Sanitary Inspector,  
Inspector Under The Canal Boats Act,  
Inspector Under the Housing Consolidated Regulations, 1925,  
and Lodging House Inspector:

F. BARNETT, A.R. San. I., Certified Meat Inspector.

Additional Sanitary Inspectors:

G.E.S. SHELDON, A.R. San. I., Certified Meat Inspector.

W.L. KAY, M.R. San. I., Certified Meat Inspector.

Miss K.E. Silversides, C.R.D., Cert. H.V. & S.N., Cert. M. & C.W.,  
Cert. Inspector of Nuisances.

Miss N.R. Hawkins, Trained Nurse, S.R.N., C.M.B.

Miss N.E. Bradshaw, Trained Nurse, Cert H.V. & S.N., C.M.B.  
(Retired 30th. September, 1940)

Matron: Infectious Diseases Hospital:

Miss L.C. Slater.

CLERKS:

Miss A. Whittingham.  
Miss M.J. Corbett.



# B O R O U G H   O F   B I L S T O N .

## ANNUAL INTERIM REPORT FOR THE YEAR 1940.

In view of the need for strict economy this Report has been reduced to a minimum but arrangements have been made for the provision of all records so that a full report can be given for each year at the termination of the war.

The following are brief statistics for the year:-

### STATISTICS AND SOCIAL CONDITIONS OF THE AREA:

Area:	...	...	...	...	...	1,871 acres.
Populations:	1931 Census:	...	...	...	...	31,248
Estimated Population for Year:	...	...	...	...	...	30,520
Estimated number of Inhabited Houses for the year:	...	...	...	...	...	7.637
Rateable Value:	...	...	...	...	...	£127,919

### EXTRACTS FROM VITAL STATISTICS:

	<u>Total:</u>	<u>M.</u>	<u>F.</u>	
Live Births.	580	299	281	Birth Rate per 1,000 of the estimated resident populations. 19.00
(Legitimate)	564	288	276	
(Illegitimate)	16	11	5	
Still Births.	22	13	9	Rate per 1,000 total (Live and Stillbirths) 38.00
<u>Total:    M.    F.</u>				
Deaths:	396	209	187	Death Rate per 1,000 of the estimated resident populations. 13.00
The Areal Comparability Factor (A.C.F.) is 1.28				
The Corrected Death Rate is 13.00 x 1.28 = 16.64.				

Deaths from Puerperal Causes:-  
(Headings 29 & 30) of the Registrar General's short list.

	Deaths.	Rate per 1,000 total (live & still) Births.
Puerperal Sepsis.	-	-
Other Puerperal Causes.	1	1.72
	<hr style="width: 50%; margin: 0 auto;"/>	<hr style="width: 50%; margin: 0 auto;"/>
	1	1.72
	<hr style="width: 50%; margin: 0 auto;"/>	<hr style="width: 50%; margin: 0 auto;"/>

### Death Rate of Infants under one year of age:-

All Infants per 1,000 live births.	65.5
Legitimate Infants per 1,000 legitimate live births.	69.1
Illegitimate Infants per 1,000 illegitimate live births.	125
Deaths from Cancer. (all ages)	49
"      "      Measles. (all ages)	---
"      "      Whooping Cough. (all ages)	---
"      "      Diarrhoea. (under 2 years of age)	4

The following Table shows the causes of death and gives particulars of the number of males and females dying from various diseases:-

TABLE 1.

Causes of death:	Males:	Females:	Total:
Typhoid and Paratyphoid Fevers.	---	---	---
Measles. ....	---	---	---
Scarlet Fever. ....	---	---	---
Whooping Cough. ....	---	---	---
Diphtheria....	1	1	2
Influenza. ....	14	3	17
Encephalitis Lethargica....	---	---	---
Cerebro-Spinal Fever. ....	2	2	4
Tuberculosis of Respiratory System.	9	8	17
Other Tuberculous Diseases.	---	---	---
Syphilis. ....	2	---	2
General Paralysis of the Insane	---	---	---
Tabes, Dorsalis. ....	---	---	---
Cancer, Malignant Disease. ....	23	26	49
Diabetes. ....	---	4	4
Cerebral Haemorrhage, etc. ....	17	19	36
Heart Disease. ....	35	49	84
Aneurysm. ....	---	---	---
Other Circulatory Diseases.	5	---	5
Bronchitis....	21	18	39
Pneumonia. (all forms) ....	14	13	27
Other Respiratory Diseases.	5	1	6
Peptic Ulcer. ....	3	1	4
Diarrhoea, etc. (under 2 years)	3	1	4
Appendicitis....	---	---	---
Cirrhosis of Liver..	---	---	---
Other Diseases of Liver, etc....	---	---	---
Other Digestive Diseases. ....	3	7	10
Acute and Chronic Nephritis. ....	5	3	8
Puerperal Sepsis....	---	---	---
Other Puerperal Causes....	---	1	1
Congenital Debility, Premature Birth, Malformation, etc..	10	8	18
Senility. ....	---	---	---
Suicide.. ....	1	---	1
Other Violence. ....	8	5	13
Other Defined Causes. ....	23	14	37
Road Traffic Accidents....	5	3	8
Totals.	209	187	396



TABLE 2.

Birth-rates, Death-rates, and Analysis of Mortality.  
England and Wales, County Boroughs, etc., Town Population.  
25,000 to 50,000 and Bilston.

	England and Wales.	County Boro's and Great Towns including London.	Smaller Towns Population 25,000 to 50,000	BILSTON.
Rates per 1,000 Population.				
Births.				
Live.     ...     ...	14.6	16.00	15.7	19.00
Still     ...     ...	0.55	0.64	0.55	0.72
Deaths.				
All causes.     ...	14.3	15.8	12.8	16.64
Typhoid and Paratyphoid Fevers.	0.00	0.00	0.00	0.00
Smallpox...     ...	0.00	0.00	0.00	0.00
Measles...     ...	0.02	0.02	0.02	0.00
Scarlet Fever.   ..	0.00	0.00	0.00	0.00
Whooping Cough... ..	0.02	0.02	0.02	0.00
Diphtheria.     ...	0.06	0.07	0.05	0.03
Influenza.     ...	0.32	0.29	0.30	0.55
Rates per 1,000 live births.				
Deaths under 1 years of age.	55	61	54	65.5
Deaths from Diarrhoea and Enteritis under 2 yrs. of age.	4.6	5.9	4.4	0.13
Rates per 1,000 Population.				
Notifications:				
Smallpox.	0.00	0.00	0.00	0.00
Scarlet Fever.	1.63	1.53	1.57	1.90
Diphtheria.	1.16	1.29	1.21	1.08
Enteric Fever.	0.07	0.06	0.10	0.00
Erysipelas.	0.33	0.36	0.30	0.39
Pneumonia.	1.20	1.37	1.00	3.11
Measles.	10.24	9.25	9.99	1.83
Cerebro-spinal Fever.	0.32	0.33	0.29	0.16
Rates per 1,000 Births.				
Puerperal Fever.     )	11.96	13.90	9.73	0.16
Puerperal Pyrexia.   )				

## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA:

Public Health Officers of the Authority, Laboratory Facilities, Ambulance Facilities, Nursing in the Home, Treatment Centres and Clinics, Hospitals (public & Voluntary)

The only change under the above heading is that the School Dental and Maternity and Child Welfare Clinics are now held in the New Health Clinic which was opened in February. The Clinic is at the junction of Prouds Lane and Wellington Road and is in session every day for treatment of Minor Ailments and Dental defects. The Maternity and Child Welfare Clinics are held on four afternoons a week.

## SANITARY CIRCUMSTANCES OF THE AREA:

Full details of the sanitary circumstances of the area have been given in previous reports.

### WATER:

During the year 27 bacteriological samples have been taken, 1 from the Rising Main at the Bratch, 13 from the covered Reservoirs at Coton Road, 13 from other sources. Only one of these samples contained more than 2 coli per 100 mm.

### HOUSING:

The building of houses terminated at the end of 1939. The number of houses built during 1940 was 84 Council Houses. The number of houses demolished was 156.

The applications for houses is continuous. There is a definite shortage of dwellings at low rentals but it is impossible to give reliable figures as to the actual number of houses required.

### OVERCROWDING:

Owing to war conditions it has been impossible to build houses to abate overcrowding.

### SLUM CLEARANCE:

Owing to war conditions no action has been taken.

### INSPECTION AND SUPERVISION OF FOOD:

The work of food inspection is carried out by the Sanitary Inspectors, and details are given in the Sanitary Inspector's Annual Report.

### MILK SUPPLY AND FOOD ADULTERATION:

The work under this heading is controlled by the County Council whose officers carry out the necessary work of sampling.



# PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASES:

Table 3 shows the number of cases of infectious diseases notified during the year, cases admitted to Hospital and the known deaths.

TABLE 3.

## Infectious Diseases:

### Cases admitted to Hospital and Total Deaths:

	Total Cases Notified.	Cases Admitted to Hospital.	Total Deaths.
Small Pox.	-	-	-
Scarlet Fever.	59	34	-
Diphtheria.	33	21	-
Enteric Fever. (including Paratyphoid)	-	-	-
Puerperal Fever.	-	-	-
Puerperal Pyrexia.	5	4	-
Pneumonia.	95	-	27
Erysipelas.	12	2	-
Ophthalmia Neonatorum.	3	3	-
Encephalitis Lethargica.	-	-	-
Poliomyelitis.	2	2	-
Cerebro-Spinal Fever.	5	5	4
Measles.	56	-	-
Whooping Cough.	88	-	-

This department has now knowledge of cases of Pneumonia removed to Hospital. Such cases are usually treated at the Royal Hospital, or the New Cross Infirmary, Wolverhampton. Public Assistance cases are taken to Wordsley Institution.

TABLE 4.

Age Period.	New Cases.				Deaths.			
	Pulmonary.		Non Pulmonary.		Pulmonary.		Non Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0 and upwards.	-	-	-	-	-	-	-	-
1 " "	-	1	-	-	-	1	-	-
5 " "	-	1	-	2	-	-	-	-
15 " "	9	5	-	2	1	3	-	-
25 " "	1	5	-	-	1	4	-	-
35 " "	6	1	-	-	1	-	-	-
45 " "	2	-	-	-	3	-	-	-
55 " "	1	-	-	-	3	-	-	-
65 " "	-	-	-	-	-	-	-	-
Totals.	19	13	-	4	9	8	-	-

REPORT OF THE SANITARY INSPECTOR FOR THE YEAR, 1940.

Health Department,  
Wellington Road,  
BILSTON.

6th February, 1941.

TO THE MAYOR, ALDERMEN AND COUNCILLORS  
OF THE BOROUGH OF BILSTON.

Miss Chettle and Gentlemen.

Herewith is presented the report of the Sanitary Inspection of the Borough of Bilston for the year 1940, being my 28th Annual Report.

Routine Inspections.

The number of inspections of all kinds was 6,846. Visits in connection with complaints, re-inspections and works in progress 2,207. Houses inspected 900, detailed inspections under the Housing Acts 20, minor defects and tenants defaults 880. Visits to slaughter houses, food shops and food preparing premises 1,336. Visits to caravans 411. Visits to factories 43. Visits to offensive trades 36. Visits to courts and common yards 282. Enquiries in connection with infectious diseases cases 184. Visits to canal 60. Visits to common lodging houses 24. Visits re Shops Acts 175, (Shops Act 1934; Sec.10) 64; (Shops Act, 1928) 101. Water samples taken 27. Inspections of dairies and cowsheds 10, and to milkshops 85. Bakehouses inspected 18. Drains tested 149. Visits re salvage matters 638. Miscellaneous visits 261.

Complaints.

The total number of complaints received during the year was 1,536. 426 relating to alleged nuisances or sanitary defects and 1,110 in connection with choked drains and water closets. All complaints were dealt with.

Notices.

The total number of notices issued was 951, 890 informal notices and 61 statutory notices. The number of notices complied with during the year was 1,006.

Sanitary Improvements.

The total number of improvements of all kinds made during the year was 2,992 and the number of premises affected 1,366.

The following is a summary of the improvements made in connection with:-

1. Water Supply.	9
2. Water Closets.	291
3. Drainage.	327
4. Yards.	33
5. Washing Accommodation.	55
6. Houses internal.	482
7. Houses external.	590
8. Tenants notices (lack of cleanliness)	203
9. Caravans removed.	359
10. Miscellaneous.	100
11. Provision of Ashbins.	543







Drains and Water Closets.

During the year the men in your employ have removed obstructions from 1288 drains and 2577 water closets. Houses owned by the Corporation 631 drains and 1332 water closets. Houses owned by private owners 657 drains and 1245 water closets.

Meat and Food Inspection.

The number of visits made to slaughterhouses was 845. The total number of carcasses, including organs, examined was 3,6656.

Beasts 93, Sheep 423, Pigs 3,6139, Calves 1.

The amount of unsound food destroyed after inspection was 32 tons 4 cwts 91 lbs.

The following tables give details of the carcasses inspected and condemned and carcasses of which some part or organ was condemned.

Carcasses Inspected and Condemned.

	Cattle excluding cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number of animals killed (if known) approx.		Not known.	Not known.	Not known.	Approx. 40,000
Number Inspected.	70	23	1	423	36,139
<u>All Diseases except Tuberculosis.</u> Whole Carcasses Condemned.	-	-	-	10	33
Carcasses of which some part or organ was condemned.	3	10	-	-	683
Percentage of the number inspected affected with disease other than T.B.	4.3%	43.4%	-	2.3%	1.9%
<u>Tuberculosis only.</u> Whole carcasses condemned.	-	-	-	-	17
Carcasses of which some part or organ was condemned.	1	-	-	-	3409
Percentage of the number inspected affected with tuberculosis.	1.4%	-	-	-	9.4%



Carcases with all Organs Condemned as Totally Unfit for Human Consumption.

T.B.	Accident.	Inflammatory Diseases.	Parasitic Diseases.	Other Diseases.
Beasts. Sheep. Pigs. 17		8		10 3

Carcases of which some Part or Organ was Condemned as Unfit for Human Consumption.

	Heads.	Tongues.	Lungs.	Livers.	Stomachs.	Kidneys.	Hearts.	Spleens.	Udders.	Mesenteric.	Intestines.	Uteri.	Parts of Carcases.
<u>T.B.</u> Beasts. Pigs.	3480	3480	130	128	1	2	1248	1248	54	1	1	-	609
<u>Inflammatory Diseases.</u> Beasts. Sheep. Pigs.			88	30					2				
<u>Parasitic Diseases.</u> Beasts. Sheep. Pigs.			1	12	7								
<u>Other Bacterial Diseases.</u> Beasts. Pigs.	2	2	554	9					6				2 7
<u>Accident.</u> Beasts. Pigs.													2 8

Salvage of Waste Material.

The following particulars show the amount of waste material collected and the value of the material sold from April 1st - December 31st:-



THE UNIVERSITY OF CHICAGO

	<u>Weight.</u>			<u>Value.</u>		
	<u>tons.</u>	<u>cwt.</u>	<u>lbs.</u>	<u>£.</u>	<u>s.</u>	<u>d.</u>
1. Paper.	139.	12.	36.	559.	12.	1.
2. Ferrous metals.	122.	2.	99.	92.	9.	9.
3. Aluminium.		9.	109.	27.	16.	4.
4. Copper.		3.	49.	5.	12.	5.
5. Brass.	1.	2.	41.	26.	11.	-
6. Lead.		15.	105.	10.	2.	10.
7. Textiles.	8.	19.	3.	38.	16.	1.
8. Bottles.		1779 $\frac{1}{2}$	doz.	40.	1.	11.
9. Cullet.	29.	7.	1.	24.	9.	2.
10. Jars.		1630	doz.	27.	13.	4.
11. Miscellaneous.				2.	14.	4.
				£855.	19.	5.

This report has been dealt with as briefly as possible.

I have the honour to be,

Mr. Mayor, Miss Chettle and Gentlemen,

Your Obedient Servant,

*Fred Barnett.*

