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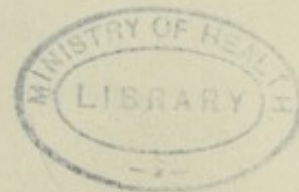
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BUCKLEY URBAN DISTRICT
COUNCIL



COPY
REPORT
-of-

DR. DAVID FRASER,
Medical Officer of Health
for the year 1947.



BUCKLEY.

Miss Catherall and Gentlemen,

I have pleasure in presenting to you my Report upon the health of the District for the year 1947.

It is drawn up in accordance with the Circular issued by the Ministry of Health to Medical Officers of Health.

It is divided into six parts :-

1. Statistics and Social Conditions of the Area.
2. General provisions of Health Services in the Area.
3. Sanitary circumstances of the Area.
4. Housing.
5. Prevalence of and control over Infectious Diseases.
6. Inspection and Supervision of Food.

Yours obediently,

DAVID FRASER,

Medical Officer of Health.

SUMMARY OF VITAL STATISTICS

Area (in Acres)	2667
Population (Census 1931)	6900
Population (Estimated December 1947)	7470
Inhabited houses	2033
New Houses certified	19
Density	1.01
Births	165
Birth rate (per 1000)	22.088
Deaths	91
Death rate (per 1000)	11.914
Infantile Mortality (per 1000)	1.34
Zymotic Death Rate (Zymotic per 1000)	.26
All forms of Tuberculosis (rate per 1000)	.26

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (In Acres)	2667
Population (Census 1921)	6726
Population (Census 1931)	6900
Population (Estimated December 1947)	7470
Number of inhabited houses (1921)	1490
Number of inhabited houses (December 1947)	2033
Number of Families or Separate occupiers (1947)	?
Rateable value	£26,058
Sum represented by a 1d Rate	£102. 7. Od.

The Buckley Urban District is situated on a foothill of the Clwydian range to the North East of the County of Flint, and is bounded on the North, East and South by the Hawarden Rural District, and on the North, West and South by the Holywell Rural District. The subsoil is clay in the greater part of the area. Below are the lower coal measures now very little worked. The principle industries are Brick and Tile and Pipe Works, together with agriculture.

EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR.

Births : 165	Birth Rate : 22.088	
	<u>Male</u>	<u>Female</u>
Legitimate	79	76
Illegitimate	5	5
	-----	-----
	84	81
	-----	-----

Total : 165

Deaths : Males 48 Females 43 Total : ~~91~~ 91.

Death Rate: 11.914 Death Rate England and Wales : 12.0

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

From Sepsis : 0

From other causes : 0

Deaths from Measles (all ages) : 0

Deaths from Whooping Cough (all ages) : 0

Deaths from Diarrhoea (under 2 years) : 0

Deaths from Cerebro-Spinal Fever(all ages) : 1.

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CAUSES OF DEATH

<u>ALL CAUSES.</u>	M.	F.
1. Typhoid and paratyphoid Fevers	-	-
2. Cerebro - Spinal Fever	-	1
3. Scarlet Fever	-	-
4. Whooping Cough	-	-
5. Diphtheria	-	-
6. Tuberculosis of Respiratory system	2	2
7. Other forms of Tuberculosis	-	-
8. Syphilitic diseases	-	-
9. Influenza	1	1
10. Measles	-	-
11. Acute Polio-Myelitis and Polio-Encephalitis	1	-
12. Acute infective Encephalitis	-	-
13. Cancer of the mouth and Oesophagus (M) Uterus (F)	2	-
14. Cancer of stomach and Duodenum	1	3
15. Cancer of Breast	-	1
16. Cancer of all other sites	3	1
17. Diabetes	-	1
18. Intracranial Vascular Lesions	4	4
19. Heart Disease	12	12
20. Other diseases of Circulatory system	2	1
21. Bronchitis	3	2
22. Pneumonia	3	2
23. Other Respiratory Diseases	1	-
24. Ulcer of Stomach or Duodenum	1	-
25. Diarrhoea under 2 years	-	-
26. Appendicitis	-	-
27. Other digestive diseases	1	1
28. Nephritis	-	1
29. Puerperal and postabortional Sepsis	-	-
30. Other Maternal causes.	-	-
31. Premature Birth.	1	2
32. Congenital malformation: birth injury: infantile	2	1
33. Suicide	1	-
34. Road Traffic Accidents	-	-
35. Other violent causes	2	1
36. All other causes	5	6

Deaths of Infants under 1 year

	M.	F.
Total	5	5
Legitimate	5	4
Illegitimate	-	1

Live Births:

	M.	F.
Total	84	81
Legitimate	79	76
Illegitimate	5	5

Still Births:

	M.	F.
Total	6	4
Legitimate	6	4
Illegitimate	-	-

Population 7,470

PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

The Public Health Officials of the Urban Authority consist of :

Medical Officer of Health - Dr. David Fraser, M.B.
Sanitary Inspector - A.G. Watkin, M.S.I.A.,
Certificate R.S.I. & S.I.J.B.
Certificate R.S.I. Meat & Foods.
Certificate R.S.I. Smoke Inspector.

In February 1947 Mr. Bannister Jones, our late Sanitary Inspector and Surveyor died after a long and trying illness. He had served the District for 14 years, and had by his efficiency and tact effected great improvements. Not only so, but during the War, although much hampered by illness his direction of A.R.P. services, as Chief A.R.P. Officer for the Number 8 District of the County, was masterly and outstanding. His personality brought him a willing and most loyal band of helpers, and he deserved and earned the respect and loyalty of all whose one desire was efficiency. With the few not so singleheartedly inspired he knew how to deal with very effectively. I had the greatest admiration and respect for him. He is succeeded in the post of Sanitary Inspector and Surveyor by Mr. Watkin, to whom we can look with confidence for a continuation and extension of the good work begun by Mr. Bannister Jones.

NURSING IN THE HOME. Owing to the activities of the Buckley Pantomime Company and the benevolence of its Committee it has been possible to form a District Nursing Association in the area. This is supported by organised public subscription. In consequence the area has a most capable and efficient Nurse.

MIDWIVES. - There are three qualified Midwives in the Urban District.

NATIONAL HEALTH INSURANCE. - Three qualified Medical Practitioners residing in the area carry out and are responsible for the treatment of patients under the above Act.

LABORATORY FACILITIES. This work is now carried out by the Emergency Public Health Laboratory at Conway.

HOSPITALS.

Isolation - None. Infectious disease cases needing isolation and hospital treatment are sent to the St. Asaph Isolation Hospital.

Small - Pox - None.

Tuberculosis : None. Cases from the area are sent to the Welsh National Memorial Hospital at Meadowslea, Penyffordd, about three miles away, and may be transferred from there, by the recommendation of the Tuberculosis Medical Officer for Denbighshire and Flintshire, to the Sanatorium at Llangwyfan, Denbigh, or one of the other Welsh Sanatoria.

Maternity - None. A County Maternity hospital is situated at Mancot Royal, approximately four and a half miles away, where patients may go if they desire.

Childrens - None. Children are sent to the Royal Infirmary, Chester, or in special cases to the Childrens Hospital, Myrtle Street, Liverpool.

Other Hospitals Emergency cases are sent to the Royal Infirmary, Chester, or occasionally, to the Cottage Hospital, Mold.

INSTITUTIONAL PROVISIONS FOR UNMARRIED MOTHERS, ILLEGITIMATE INFANTS AND HOMELESS CHILDREN. - None in the area. Provision is made by the County Council at the Poor Law Institution, St. Asaph.

MENTAL DEFECTIVES - The supervision of cases under the Mental Deficiency Acts is carried out by the County Council.

AMBULANCE FACILITIES : None.

CLINIC AND TREATMENT CENTRES

Maternity and Child Welfare : There is an Ante-Natal Centre and Infant Welfare Centre conducted by the County Council at the Welsh C.M. Schoolroom, the former on the first and third Monday afternoon, and the latter every Monday afternoon.

Day Nurseries : None.

School Clinics.

A School clinic supervised by the County Medical Officer of Health and his assistants is held on the Tuesday of each week in the Welsh C.M. Schoolroom.

Tuberculosis Dispensaries : None in the area. There is a Visiting Station at Oaklands, Queensferry, at which the Tuberculosis Medical Officer or his assistants see patients once a fortnight. There is also a clinic every Monday and Thursday afternoon at Meadowslea Hospital, Penyffordd.

Venereal Diseases : None. Cases are sent to the Venereal Diseases clinic at the Royal Infirmary, Chester, by arrangement between the County Authorities and the Chester Royal Infirmary.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

The water supply is owned and controlled by the Howarden and District Waterworks Company. The quality on the whole was good, but the supply in some parts of the area was poor.

1. Rivers and Streams : No action was taken.
2. Drainage and Sewerage : No action was taken.

Closet Accommodation.

Below I give a table showing the number of dwelling houses in each ward and the various types of closets in use therein :

Name of Ward.	No. of Houses.	Pail Closets.	Water Closets	TOTAL
EWLOE TOWN	269	142	127	269
EWLOE WOOD	273	159	114	273
PENTROBIN	342	75	267	342
ARGOED	327	33	294	327
DISTRE EAST	378	30	348	378
BISTRE WEST	444	78	366	444
<u>TOTAL</u> :	2033	517	1516	2033

PUBLIC CLEANSING.

Refuse collection was carried out by direct labour from 1st December, 1947.

Name of school	Situation	Water Supply
St Mathews.	Church Road.	Hawarden Water Co.
St Mathew's Infants.	Church Road.	Hawarden Water Co.
Lane End Infants	Chester Road.	Hawarden Water Co.
Bistre C.of E.	Mold Road.	Hawarden Water Co.
Buckley Council	Padeswood Road.	Hawarden Water Co.

SMOKE ABATEMENT

No action was necessary with a view to smoke abatement.

SWIMMING BATHS.

The Swimming and plunge Baths situated behind the Public Library were a gift of the Miners' Welfare Committee. The water is supplied by the Hawarden Waterworks Co., and is filtered, chlorinated, and aerated.

There are no privately owned Baths or Pools.

ERADICATION OF BED BUGS.

No action was necessary.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYELAWS OR REGULATIONS.

There are no such premises or occupations.

There are no premises within the area on which rag flock is manufactured or sold.

HOUSING.

1. Inspection of Dwelling houses during the year :-

- 1.(a) Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts ... 33
- (b) Number of inspections made for the purpose ... 97
- 2.(a) Number of Dwelling houses(included under sub-head(1) (above) which were inspected and recorded under the Housing Consolidated Regulations, 1925. ... 13
- (b) Number of Inspections made for the purpose ... 52
3. Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation. ... 3
4. Number of dwelling houses(exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation... 17

2. Remedy of defects during the year without service of formal notice.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers...17

3. Action under Statutory Powers during the year, 1947
- (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 notices
 - (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 ... Nil
 - (2) Number of dwelling houses in which defects were remedied after service of formal notices:
 - (a) By Owners ... Nil
 - (b) By Local Authority in default of owners ... Nil
- (c) - Proceedings under sections 11 and 13 of the Housing Act, 1936 :
- (1) Number of 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 :
- (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... Nil
 - (2) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit ... Nil

4. Housing Act, 1936. Part IV - Overcrowding

- (a) (1) Number of dwellings overcrowded at the end of the year ... Nil
- (2) Number of families dwelling therein ... Nil
- (3) Number of persons dwelling therein ... Nil
- (b) Number of 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 cases ... Nil
- (d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ... Nil
- (e) Any other particulars with respect of overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report ... Nil

The following sanitary improvements have been effected during the year ended the 31st December, 1947.

Pail closets abolished	-
New water closets erected	7
Old drains taken up	9
New drains laid down	16
Inspection chambers provided	19
Drains trapped	-
New sinks provided	-
New trapped waste pipes provided	-
Roofs repaired	12
New doors provided	2
New ashbins provided	41
Ashpits abolished	1
Floors repaired and renewed	11
Eaves, gutters and downspouts repaired & renewed	5
Houses inspected	63
Houses repaired	51
Visits to houses	189

INFECTIOUS DISEASE

Visits to infected Houses	33
Houses disinfected	22

INFECTIOUS DISEASES

Disease	Total cases notified	Cases admitted to Hospital	Total Deaths
Small - Pox	-	-	-
Scarlet fever	7	4	-
Diphtheria	-	-	-
Enteric Fever	-	-	-
Pneumonia	8	1	5
Cerebro-Spinal Fever	2	2	1
Measles	11	-	-
Whooping Cough	17	-	-
Erysipelis	-	-	-
Puerperal Pyrexia	-	-	-
Ophthalmia Neonatorum	-	-	-
Acute Polio-Myelitis	10	9	1

PREVENTION OF BLINDNESS

No action was taken

TUBERCULOSIS

No action was taken

NOTIFIABLE DISEASES(OTHER THAN TUBERCULOSIS)
DURING THE YEAR 1947

D I S E A S E

	Acute Polio Myelitis	Cerebro spinal fever	Smallpox	Scarlet Fever	Diphtheria	Enteric fever	Puerperal Pyrexia	Pneumonia	Erysipelas	Ophthalmia	Measles	Whooping Cough
Under 1 year	1							2				2
1 and under 2								1			1	3
2 and under 3	3							1			1	1
3 and under 4				1							1	2
4 and under 5		1		1							2	3
5 and under 10	5			3				1			4	5
10 and under 15				2								
15 and under 20								1				
20 and under 35	1										2	
35 and under 45												
45 and under 65								1				
65 and over		1						1				1
Total cases Notified	10	2		7				8			11	17
Cases sent to Hospital	9	2		4				1				
TOTAL DEATHS	1	1						5				

ACUTE ANTERIOR POLIO - MYELITIS (Infantile Paralysis)

In the Autumn of 1947 this complaint appeared in an epidemic form, fortunately not extensively nor very prolonged.

There were 10 cases.

Two others were notified as suspected cases but the diagnosis was not confirmed. There was one death, that of a demobilised soldier, aged 27, invalided out of the Army 2 years before for Epilepsy and high blood pressure. All the other cases notified were comparatively slight. There were 9 admitted to Hospital.

In every case disinfection was carried out immediately on evacuation to Hospital, or, in the one case treated at home, when the infective period was over.

In all cases systematic examination of the premises was carried out. In none was there found any Sanitary defect or other condition, such as infestation by flies etc., which might be supposed to predispose towards the occurrence of the complaint.

In 2 of the cases contact with another case in the area was established, and was almost certainly the cause.

In none of the cases was there ascertained a history of contact with a case outside the area.

Where in an infected house, there were children attending school they were debarred from doing so for 3 weeks, and their schoolmaster was informed. No second case occurred in any infected house. The milk supply was from 4 or 5 different sources.

The monthly incidence was as follows :

September	October	November	December	Total
4	3	1	2	10

The age incidence is given in the table of infectious diseases.

With regard to school attendance of these cases, Three cases were from Buckley County Primary School but no obvious contact was established.

One of the cases attended private school, and one other at St. Mathews School.

TUBERCULOSIS

New cases and mortality during
the year 1947

AGE PERIODS	NEW CASES				DEATHS			
	Pulmonary		Non-Pulm.		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1								
1 - 5								
5 - 10								
10 - 15								
15 - 20								
20 - 25	2							
25 - 35		1			1	1		
35 - 45	1			1	1			
45 - 55								
55 - 65	2							
65 & over		1				1		
TOTAL:	5	2		1	2	2		

OPHTHALMIA NEONATORUM

CASES			Vision Unimpaired	Vision Impaired	Total Blind- ness	Deaths
Notified	Treated					
	At home	In hospital				
-	-	-	-	-	-	-

INSPECTION AND SUPERVISION OF FOOD.

MILK

No samples of milk were taken during the year.

SHIPPONS AND DAIRIES.

These have been inspected and where necessary improvements have been carried out. The milk supply as a whole is produced and retailed under good hygienic conditions.

MEAT INSPECTION.

You are, no doubt, aware that the whole of the slaughtering for the Buckley Urban Area is now carried out at the Ministry of Food Abattoir, Mold. Meat inspection is carried out by the Mold Meat Inspector. With regard to the statistics, these are not available to me, but they will be included, no doubt, in the Mold Medical Officer of Health's Report.

IMMUNISATION AGAINST DIPHTHERIA.

	Aged under 5	Aged 5 - 15	TOTAL
No. of children who received full immunisation during 1947	55	7	62
No. of children immunised in the 8 years ended 31/XII/47	539	874	1413
No. of these who in their respective age groups would have reached the ages of 5 and 15 at 31/XII/47	251	193	444
No. of non - residents immunised	-	44	44
Population of these two age groups at June 1947 according to Food Office statistics.	610	1090	1700
No. of population of these ages who at 31/XII/47 have received full immunisation	288	932	1220
Percentage of population of these ages who at 31/XII/47 have received full immunisation	47%	85.5%	

Percentage of population under 15 who at 31/XII/47 have received full immunisation - 71.18 %

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH IN RESPECT OF
THE YEAR 1947
FOR THE URBAN DISTRICT OF BUCKLEY

Prescribed particulars on the
administration of the Factories
Act, 1937.

PART 1 OF THE ACT

1. Inspections for the purposes of provisions as to health (including inspections made by the Sanitary Inspector).

Premises	No. on Register	Number of		Occupiers prosecuted
		Inspection -ions	Written Notices	
1. Factories in which sections 1, 2, 3, 4, and 6 are to be enforced by Local Authority.	11	11	-	-
2. Factories not included in 1 above in which sec. 7 is enforced by Local Authority	29	29	2	-
3. Other premises in which section 7 is enforced by Local Authority (excluding out-workers premises)	2	8	-	-
TOTAL	42	48	2	-

2. CASES IN WHICH DEFECTS WERE FOUND

	No. of cases in which defects were found				No. of cases in which prosecutions instituted
	Found	Remedied.	Referred		
			To H.M. Inspector -or	By H.M. Inspector -or	
Want of cleanliness	3	3	-	3	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences					
(a) Insufficient	-	-	-	2	-
(b) Unsuitable or defective	1	1	-	3	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act	-	-	-	-	-
TOTAL	4	4	-	8	-

FACTORIES ACT, 1937.

PART VIII OF THE ACT

OUTWORK

(Sections 110 & 111)

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