### [Report 1937] / Medical Officer of Health, Holywell R.D.C.

### **Contributors**

Holywell (Wales). Rural District Council.

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# ANNUAL REPORT.

- of the -

MEDICAL OFFICER OF HEALTH

for the

RURAL DISTRICT OF HOLYWELL

:: FOR THE YEAR ::

1 9 3 7.

# HOLYWELL RURAL DISTRICT COUNCIL.

TO:-

The Chairman and Members of the HOLYWELL RURAL DISTRICT COUNCIL.

Mrs Hoggarth and Gentlemen,

I beg to present my Annual Report for the year ending December 31st, 1937.

# SOCIAL CONDITIONS INCLUDING CHIEF INDUSTRIES.

Agriculture and Lead Mining are the chief Industries of the Area, giving employment to many hundreds. During the year there were signs that unemployment had decreased somewhat.

Area in Acres	58,550.
Population	20,560.
No. of Inhabited Houses	6,644.
Rateable Value	£71,608.
Sum represented by 1d Rate	£267. 18. 2.

1		ATISTICS		
Live Births  Legitimate  Illegitimate	Total. 351. 334. 17.	171. 165. 6.	180 169 11	Birth Rate per 1000 of the population - 17.0.
Still Births.  Legitimate Illegitimate	24.	13.	11.	Rate per 1000 live and still births - 18.0
Deaths.	290.	146.	144.	Death Rate per 1000

Deaths from Puerperal Causes
Puerperal Sepsis
Other Puerperal Causes

3. Rate per 1000 live Nil and still Births - 8.0

# Death Rate of Infants under one year of age.

All Infants per 1000 live Births	48.4.
Legitimate Infants per 1000 legitimate live births	50.8.
Illegitimate infants per 1000 illegitimate live births	Nil.
Deaths from Cancer (All ages) 35 Rate	1.7
Deaths from Measles (All ages) 1	0.04
Deaths from Whooping Cough (All ages) 1	
Deaths from Diarrhoea (under two years) Nil	Nil.

The Death Rate (14.1) compares favourably with that of last year (14.17). The Birth Rate for England and Wales for 1937 was 14.9 and the death rate 12.5.

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### CAUSES OF DEATH.

	M.	F.
All causes	146.	144.
Measles	-	1.
Whooping Cough	-	1.
Influenza	6.	13.
Eucaphalitis Lethargica	1.	-
Tuberculosis of Respiratory System	5.	6.
Other Tuberculous Diseases	2.	1.
Cancer	14.	21:
Diabetes	1.	2.
Cerebral Haemorrhage	7.	11.
Heart Disease	34.	27.
Other Circulatory Diseases	9.	5.
Bronchitis	7.	3.
Pneumonia (all forms)	15.	2:
Other Respiratory Diseases	3.	1.
Appendicitis	2.	-
Liver Diseases	-	1.
other digestive diseases	4.	2.
Acute and Chronic Nephritis	6.	8.
Puerperal Sepsis	-	3.
Congenital Debility and Premature Birth	7.	6.
Senility	5.	13.
Senility Suicide	2.	1.
ther violence	7.	3.
Other defined Diseases	8.	13.
Diseases ill defined or not known	1.	-

### SECTION B.

### GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

## Public Health Officers of the Authority.

- (a) Medical Officer of Health (part time)
  - I. PHILIPPINE NELIS, L.R.C.P. & S.I., D.P.H.
- (b) Sanitary Inspectors (Whole time)

R. D. JONES, C.R.S.I. Member of the Institute of Municipal & County Engineers.

A. O. GRIFFITHS, C.R.S.I. Certified Inspector (Meat and Foods).

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### (a) LABORAT ORY FACILITIES

When required this is carried out by arrangement with Bangor University and Chester Assay Office.

### (b) AMBULANCE FACILITIES.

This still remains a source of great concern to me and it is to be hoped that the prospects of A.R.P. organization may stimulate improvement.

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# (c) NURSING IN THE HOME.

Voluntary organizations provide the existing facilities.

### (d) TREATMENT CENTRES AND CLINICS.

These are provided by the County Council and organized by them.

### (e) HOSPITALS.

There is no Hospital in the area

### SECTION C.

## SANITARY CIRCUMSTANCES OF THE AREA.

### WATER SUPPLIES

The following Water Companies supply water within the District :-

BRYMBO WATER CO.
HAWARDEN & DISTRICT WATER CO.
MOLD GAS AND WATER CO.
BIRKENHEAD CORPORATION (To the Council in bulk)

In consequence of building developments, a number of extensions were laid during the year.

A Scheme of Water Supply for the village of Nannerch, consisting of about 2,260 lineal yards of 3 inch spun iron pipes, and 870 yards of  $1\frac{1}{2}$  inch galvanized iron pipes, together with the necessary valves and fittings, has received the approval of the Ministry and arrangements have been made to commence on the work.

All the principal supplies have been satisfactory as regards quality and quantity.

As will be observed in other paragraphs, a number of samples were taken for bacteriological and chemical analysis.

# Analysis of Water. Samples taken for

(a) Bacteriological Examination 9 (b) Chemical Examination 2

Total ... 11.

Results of Analysis :-

Bacteriological Examination :- Satisfactory - 3 : Unsatisfactory - 6. Chemical Examination :- Satisfactory - 2.

### DRAINAGE AND SEWERAGE.

All Sewers and Outfall Works are well maintained.
Schemes have been prepared and adopted by the
Council for the sewering of :-

(a) Part of Leeswood Village

(b) Part of Newmarket Village (c) Gwernaffield Village.

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# RIVERS AND STREAMS.

No complaints have been made with respect to these.

### CLOSET ACCOMMODATION.

The closet accommodation in the non sewered areas is by means of the pail system. Some dwellings are provided with septic tanks and cesspools for the reception of sewage.

In sewered areas, conversion from the conservancy system to the water carriage system has been undertaken by many property owners.

All new property erected in sewered areas are provided with water closets connected to the local authority's sewer and to Septic Tanks and Cesspools.

### PUBLIC CLEANSING.

Scavenging of the whole area is undertaken by the Council, the District being divided up into 15 areas for the purpose. The work is carried out by means of Contracts.

Generally the work has been carried out satisfactorily throughout the year with the exception of Districts Nos 10 & 11 where numerous complaints were received mostly on account of the Contractors being irregular in removing contents of the bins and pails. This laxity on the part of the Contractors causes considerable inconvenienc to many house holders.

### SHOP INSPECTIONS.

The provisions of the Shops Act, 1934, relating to this district are enforced. Notices have been served upon occupiers to provide suitable and sufficient sanitary accommodation, which were complied with. Where washing facilities were found to be inadequate notices were served and complied with.

### SMOKE ABATEMENT.

There were no complaints relating to smoke nuisances during the year. In a district containing a large number of Factories this points to a high standard of efficiency on the part of the persons operating the furnaces and boilers.

### SWIMMING BATHS AND POOLS.

There is only one Swimming Pool within the district. This is privately owned and open only during the summer months.

### ERADICATION OF BED BUGS.

No complaints were received during the year.

#### SCHOOLS.

All schools are periodically visited and inspected, the water supply and sanitation supervised.

These have been found satisfactory.

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#### SANITARY INSPECTION OF THE AREA . Number of Nuisances found ... ... 67. 57. (a) after informal notices served .. 38 (b) after statutory notice served .. 19 Disused Shafts securely fenced ... (a) after informal notice served ... 5. (b) after statutory notice served .. DETAILS OF HOUSE INSPECTION. Total number of houses inspected ... ... 216. ... 133. ... 91. Houses repaired ... ... ... 42: Chimneys repaired ... ... ... 11. Chimneys repaired ... Gutters and Downspouts repaired ... ... ... 30. ... ... Walls repaired Floors repaired New fireplaces fixed 23. Walls repaired ... ... ... 17. ... ... ... 2. ... ... ... Hand rails fixed ... ... ... 18. Windows repaired ... ... ... Broken Washing Boiler repaired ... 4. ... ... Water Service pipe repaired Broken wash Basin replaced Waste water pipes repaired ... 4. ... ... 1. ... ... 4. ... ... Closets repaired and converted into Pail closets ... Closets converted into W.C's. ... Earth removed from walls of houses.. 9. ... ... 1. ... ... 5. ... ... Drains opened, cleaned and repaired 25. .... ... 1. New drains laid ::: ... ... 11. New ashbins supplied Yards repaved ... ... 36. ... ... ... New Sanitary Pails provided ... 40. ... ... SECTION D. HOUSING. INSPECTION OF DWELLING HOUSES DURING THE YEAR. 216. 1(a) Total number of dwelling houses inspected (b) Number of inspections made for the purpose 216. 2(a) Number of dwelling houses inspected and recorded under Housing Consolidated Regulations, 1925 216. 251. (b) Number of inspections made for the purpose Number of dwelling houses found in a state so dangerous as to be unfit for human habitation Number of dwelling houses (exclusive of those referred to) found not to be in all respects 133. reasonably fit for habitation 2. Number of defective dwelling houses rendered fit

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Authority

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91.

in consequence of informal action by Local

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### PROCEEDINGS UNDER SECTIONS 9,10 and 16, HOUSING ACT, 1936. 1. Number of dwelling houses in respect of which notices were served requiring repairs... ... Nil. 2. Number of dwelling houses rendered fit after formal notice ... ... ... ... .. ... Nil. PROCEEDINGS UNDER PUBLIC HEALTH ACTS. 1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... 47. 2. Number of dwelling houses in which defects were remedied after service of formal notices (a) By Owners ... 34. (b) By Local Authority in default ... Nil. Number of dwell ing houses in respect of which Demolition Orders were made ... ... ... Number of dwelling houses demolished in pursuance of Demolition Orders .. ... ... Nil. HOUSING ACT, 1936 - OVERCROWDING. (a) 1. Number of dwellings overcrowded at end of year 327. 2. Number of families dwelling therein ... ... 327 . 3. Number of persons dwelling therein ... 1849. ... (b) Number of new cases of overcrowding reported during the year ... ... 23. ... (c) 1. Number of cases of overcrowding relieved during the year 2. Number of persons concerned in such cases ... 36. 195. (d) Dwelling houses again overcrowded after Local Authority have taken steps for abatement . ... Nil. FACTORIES, WORKSHOPS AND WORKPLACES.

There are 25 Factories and 64 Workshops in the District. Periodical inspections are made and all have been found to comply with requirements.

# SECTION E.

# INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY. The majority of Cowsheds and Dairies in the District

were inspected during the year.

There has been considerable improvement in the conditions under which milk is produced. A large number of cow keepers and Dairymen make an effort to provide the public with clean milk. There are others who are not so particular and every effort is made to keep them under observation.

Structural imprevements have been made to a number of cowsheds during the year, such as improved methods of lighting, ventilation, impervious floors and drainage systems.

The state of the s

Milk is delivered in many cases in bottles which must be filled in registered premises. They are often delivered in open carts and are therefore liable to contamination from dust which may contain contaminating matters of a serious nature. It has been observed that the caps of the milk bottles delivered to schools have been covered with dust. It would be advisable for all retailers and milk transporters to have covered vehicles for the transport of milk. Two farms in the district produce Tuberculin Tested Milk.

Fourteen samples of milk were sent during the year for Bacteriological examination.

### MEAT AND OTHER FOODS.

Slaughter houses and butchers shops in the District are visited regularly. An effort is made to inspect all animals slaughtered in the area and on the whole are found to be of good quality and in sound condition.

All places where food is produced, stored and sold, have been visited during the year and are generally satisfactory.

During the year the following carcases of meat were inspected and found in good condition :-

Cattle (Excluding Cow	18 )			358.
Cows				68.
Calves				62.
Sheep and Lambs	• • • •	• • • •	•••	1545.
Pigs				577.

Found diseased and destroyed :-

One entire carcase of be	Ema	erculosis ciation
Eight Cow livers and 53		ious Diseases.
Five Pigs! Heads	Tub	erculosis.

	Cattle excluding Cows.	Cows.	Calves,	Sheep and Lambs.	Pigs.
No. Killed (if Known)					
No. inspected	358	68	62	1545	577
All diseases except Tuberculosis whole carcases condemned				4	
Carcases of which some part or organ was condemned		8		53	
Tuberculosis only Whole carcase condemne	ed	1			
Carcases of which some part or organ was condemned					5

There is no Meat Mar king Scheme in this Area.

0 1000 . . . . .... .... ... 

ADULTERATION.

This is administered by the County Council.

CHEMICAL & BACTERIOLOGICAL EXAMINATION OF FOOD.

The examination of milk is carried out at Bangor University. There has been no occasion for other food examination.

NUTRITION ( DISSEMINATION OF KNOWLEDGE)

So far nothing has been undertaken by this Council.

SHELL FISH.

The Shell fish layings in the area are very few - no pollution has been found contaminating these beds.

The shell fish are sent to markets of Manchester, Liverpool and Birmingham.

The layings (from which cockles and mussels are derived) are situated at Mostyn.

### SECTION F.

# PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASE.

The prevalence of notifiable Infectious Diseases during the year has been remarkably low and in spite of the epidemic of Diphtheria in the surrounding districts.

The Council provides for the use of Diphtheria Antitoxin and also cases of Diphtheria are removed to Hospital, but in regard to Scarlet Fever removal has been carried out where overcrowding exists or interference with the work of the family has appeared to warrant this procedure. There has been no evidence of spread in cases remaining at home.

No other infection calls for comment. The experience of this district in the face of an epidemic suggests that in Rural areas hospitalisation is not the ideal method to cope with infection.

#### PREVENTION OF BLINDNESS.

This is administered by the County Council

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INFECTIOUS DISEASES.

33	.16.	.77.	0.	.61	.26.	
	H	0	8	3		
DEATHS.			ы		17	18
sent to	63	9				8
Total	24	16	63	4	26	73
65				Н		77
				10	8	11
35		Н	-1		10	r3
20		4	0.3		6/3	σ
15	Ч.	0.3			0.3	ro.
0	5	9				Ħ
5	14	0.3				16
4	1	Н			Н	ю
10	03				0.3	4
0.3	7					Н
Н					4	4
Under					4	4
DISEASE.	SCARLET FEVER	DIPHTHERIA	PUERPERAL PYREXIA	ERYSIPELAS	PREDMONIA	TOTAL
	2 3 4 5 10 15 20 35 45 65 Total	Under 1 2 3 4 5 10 15 20 35 45 65 Total sent to DEATHS.	E. Under 1 2 3 4 5 10 15 20 35 45 65 Total sent to DEATHS. R VER 1 2 1 14 5 1 2 6 2 4 1 16 6	Under 1 2 3 4 5 10 15 20 35 45 65 Total sent to DEATHS. R	E. Under 1 2 3 4 5 10 15 20 35 45 65 Total sent to DEATHS. R  VER 1 2 1 14 5 1	S.B.       Under 1       2       3       4       5       10       15       20       35       45       65       Total sent to DEATHS. Respitation Hospitation in the spitation of the spitation in the spitation

	95 14			
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			1	-

BRECETORS DISTERS

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### TUBERCULOSIS.

	Respir	NEW CAS	Non-Resp iratory.		Respi:	DEATH ratory	Non- Resp	
Ages.	м.	F.	M.	F.	М.	F.	irator M.	F.
0.		1	1 2	2 3				1
15. 25. 35. 45.	6 3 5	3 5	,	1 1 1		1		1
55. 5 & Upward:	s 1	3	1		1 1			
TOTAL.	19.	12.	4.	8.	2.	1.	1.	2

Death Rate - 0.29.

There is no evidence of excessive incidence of, or mortality from Tuberculosis in any particular occupation in the area.

There is a notable influx of Tubercular patients from cities and populous districts, advised to seek country air. These sick people become residents and die in the district raising the total of Tubercular deaths. I deplore the practice of sending very sick people of small means to the more rigorous circumstances of a country cottage where sanitation and other facilities are inadequate, to eke out a slow and lingering end.

All cases of Tuberculosis have been notified. There has been no cause for action to be taken.

### OPHTHALMIA NEONATORUM.

Cases	Treatment at Home	In	Vision	Vision	Total
Notified		Hospital	Unimpaired	Impaired	Blindness
2	2	Nil.	Nil.	Nil.	Nil.

Rate per 1000 Births 5.6.

(Signed) I. PHILIPPINE NELIS, Medical Officer of Health

Holywell Rural District Council.

The Manse, Mold.

July 13th, 1938.

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mortality from Tuberoulogie in any parkicular occupation in the

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Sate per 1000 Births Sec.

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# FAC TORIES, WORKSHOPS & WORKPLACES

1. INS ECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.
Including inspections made by Sanitary Inspectors or
Inspectors of Nuisances.

		Number of		
PREMISES	Inspections	Written	Occu	piers
		Notices		ecuted.
1.	2.	3.		4.
FAC TORIES				
Including Factory Laundries	25	_		_
WORKSHOPS Including Workshop Laundries				
Including workshop Laundries	66	-		-
WORKPLACES				
Other than Outworkers' premi	Lses6	_		-
TOTAL	077			
TOTAL	97.	-		-
2. DEFECTS FOUND IN FACTOR	ES, WORKSHOP	PS & WORKPL	ACES.	
	Number of	defects		Number of
		dorocos		Offences in
PARTICULARS	Found, Reme			respect of
		to H.1		which pros-
		Inspec	etor.	ecutions were
_ 1.	2. 3	4.		instituted 5.
Nuisances under the Public	Health Acts	:-		
Want of Cleanliness	. 4 3			
Want of Ventilation				
Overcrowding		-		-
Want of drainage of floors.		-		-
(Tmm. 662 - 2 t	. 2 2	-		-
Sanitary (Unsuitable or		-		-
Accommod( defective	. 2 2	-		_
-ation (Not separate				
(for sexes		-		-
Offences under the Factory	and Workshop	Acte		
	Wild HOLIDIOD	1005		
Illegal occupation of				
underground Bakehouse (s 10	1)	-		
Other Offences	_			
(Excluding offences relatin	g to	-		**************************************
outwork and offences under	the			
Sections mentioned in the S	chedule			
to the Ministry of Health (Factories and Workshops Tr	onefor			
of Powers) Order, 1921.	ansi er.			
Moma r				
TOTAL	8. 7			-

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