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URBAN DISTRICT



OF CAERPHILLY

22 NOV 1949

Public Health Department

*ANNUAL  
REPORT*

1948

W. R. NASH

M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health

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Economic Press, 4, Clifton Street, Caerphilly.



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*Supervisor of Domestic and Home Helps* :

S. GRIFFITHS.

- A. Sanitary Inspector's Certificate.
- B. Meat and Food Inspector's Certificate.
- C. State Registered Nurse.
- D. State Registered Fever Nurse.
- E. Certificate of Central Midwives' Board.
- F. Health Visitors' Certificate.



# Caerphilly Urban District Council

## Annual Report of the Medical Officer of Health

Public Health Department,  
Council Offices,  
CAERPHILLY.

*To the Chairman and Members of the  
Caerphilly Urban District Council.*

LADIES AND GENTLEMEN,

In accordance with the instructions of the Ministry of Health, I herewith beg to submit my Annual Report for the year 1948.

As judged by the vital statistics, the health of the community is generally as good as can possibly be expected.

The number of notifiable diseases, excluding whooping cough and measles, was 215, whilst the latter accounted for 282 notified. The notifications of tuberculosis of all kinds numbered 83 for this year, with 15 deaths from pulmonary tuberculosis. The birth rate remained consistently high at 22.7 per thousand population, and the death rate also low at 12.4 per thousand population. As will be seen from the table later on in this report, this compares with a birth rate of 19.3, and death rate of 11.9 for all urban districts in the country.

Diphtheria immunisation has continued to be carried out with all the pressure it is possible to bear, and at the 30th June, 1948, the number of children who had completed a full course of immunisation was 336 between the ages of one to five years, and 1 between the years of five and fourteen, giving a total of 337. This means that practically 90% of the child population has been protected against diphtheria. The number of cases notified, and proved to be so, from bacteriological examination of the throat swab, was 1.

This Annual Report for 1948 records a historic occasion, an occasion which it is hoped will open an era of greater health and thus greater happiness for all British people. The National Health Service Act, 1946, was implemented on the 5th July, 1948, and from that date, all duties of social and health service were removed to the Glamorgan County Council and the Regional Hospital Board. The duties are now carried out by the delegation of powers from the Glamorgan County Council to Divisional Committees, and it is apparent that these Committees are endeavouring to maintain or raise the standard of social service demanded by this Authority for so many years.

I cannot close these preliminary notes without expressing regret that the infantile mortality rate for the year should again be over 60. It shows an improvement over the figure of 69 for 1947, but is very far from satisfactory when it is remembered that the infantile mortality rate for the administrative County shows 41 and for England and Wales as a whole, 34. However, it is a great pleasure to record that no mother's life was lost in childbirth during 1948. This must relieve the sombre picture of the infantile mortality rate.

## SUMMARY OF GENERAL AND VITAL STATISTICS.

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Area (Land) .....	12,931 Acres
Population (Census 1931) .....	35,760
Population Estimated mid-1948 .....	32,690
Number of Houses erected in 1948 .....	194
(82 Aluminium Bungalows, 49 Steel Houses, 63 Traditional Brick)	
Total Number of Inhabited Houses .....	8,150
Estimated Number of Persons per occupied house....	4.1
Rateable Value .....	£114,895
Estimated Product of 1d. Rate .....	£428
Live Births (Registered) .....	765
Birth Rate per 1,000 .....	22.7
Deaths.....	417
Death Rate per 1,000 .....	12.4
Excess of Births over Deaths .....	348
Deaths under 1 year .....	48
Rate per 1,000 Live Births.....	.63

### DEATHS FROM VARIOUS CAUSES.

---

	Males	Females	Total
Typhoid and Parat. Fevers ..	—	—	—
Cerebro Spinal Fever .....	—	—	—
Scarlet Fever .....	—	—	—
Whooping Cough .....	—	2	2
Diphtheria .....	—	—	—
Tuberculosis Respiratory System	7	8	15
Tuberculosis, Other Causes ..	4	1	5
Syphilitic Diseases .....	—	1	1
Influenza .....	1	2	3
Measles.....	—	—	—

	Males	Females	Total
Acute Polio-myel. and Polio-enceph.	—	—	—
Acute Inf. Enceph. . . . .	—	—	—
Cancer of B. cav. and oesoph (M) uterus (F)	—	2	2
Cancer of Stomach and Duo- denum	12	3	15
Cancer of Breast . . . . .	—	6	6
Cancer of other Sites . . . . .	20	18	38
Diabetes . . . . .	1	1	2
Intra-cran. Vacs. Lesions . . . .	21	16	37
Heart Disease . . . . .	54	49	103
Other Diseases of Circulatory System . . . . .	5	4	9
Bronchitis . . . . .	17	7	24
Pneumonia . . . . .	12	7	19
Other Respiratory Diseases . . . .	7	1	8
Ulcer of Stomach or Duodenum	—	—	—
Diarrhoea . . . . .	—	2	2
Appendicitis . . . . .	1	—	1
Other Digestive Diseases . . . .	3	6	9
Nephritis . . . . .	4	4	8
Puer. and Post-abort. Sepsis . .	—	—	—
Other Maternal Causes . . . . .	—	—	—
Premature Birth . . . . .	9	4	13
Con., Mal. Birth, Inj., Infant Disease . . . . .	8	4	12
Suicide . . . . .	3	—	3
Road Traffic Accidents . . . . .	1	1	2
Other Violent Causes . . . . .	7	4	11
All other Causes . . . . .	35	32	67
	<hr/> 232	<hr/> 185	<hr/> 417

## GENERAL HEALTH SERVICES.

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### LABORATORY FACILITIES.

Laboratory facilities are available at the City and County Laboratories, Cardiff, the Pathological Department, Cardiff Royal Infirmary, and the Blood Transfusion Laboratories at Newport Road, Cardiff. All examinations of throat swabs, faecal and urine specimens, cerebro-spinal fluid, were carried out at the City and County Laboratory. In addition, 24 water samples were submitted for bacteriological and chemical analysis, 30 ice-cream samples, together with samples from the Nelson Sewerage Works effluent. Of the milk samples, 26 were submitted for general examination, and 24 samples for the presence of tubercle bacilli and in one case tubercle bacilli was found during the year.

### AMBULANCE FACILITIES.

Under the National Health Service Act, 1946, the ambulance service became part of the General Health Services and is now administered by the Glamorgan County Council. The Austin ambulance belonging to this Authority was taken over by the Glamorgan County Council.

As far as the transport arrangements for patients to and from Energlyn Hospital are concerned, apart from early "teething" difficulties the service has been most efficient.

### NURSING IN THE HOME.

Arrangements as described in previous reports held up to 5th July, 1948, but all home nursing has now become the responsibility of the National Health Service Act, 1946.

### DOMESTIC AND HOME HELP SCHEME.

Until 5th July, 1948, the Council operated a comprehensive scheme of domestic and home helps, employing a supervisor and sixteen of these helps in a full-time capacity. They were supplied to many cases and rendered great service in homes where difficulties from every angle were making for sub standard domestic arrangements.

## WATER SUPPLY.

The water supply for the Rhymney Valley portion of the area, the Aber Valley and Nelson, is supplied by the Rhymney Valley Water Board, which is a constituent authority of the Taff Fechan. The Taffs Well Ward is supplied by the Pontypridd Joint Water Board.

The quality of the water is satisfactory over a large part of the area and is under bacteriological control.

The Rhymney Valley Water Board has completed arrangements for improving the quantity of supply in the Aber Valley and in the South Ward of Caerphilly, with the result that there are very rarely any complaints of a shortage of water.

The private supplies to Aberfawr Terrace, Abertridwr, and the houses of the National Coal Board at Senghenydd, have been condemned, and will be connected to the public mains as soon as the Rhymney Valley Water Board are in a position to lay these mains.

There are no plumbo-solvent waters in the area.

The supply of water to rural areas has caused considerable concern from time to time and during the year 1948 a start was made in assessing the needs of the high, sparsely populated wild part of your area, known broadly as Caerphilly Mountain. Samples were taken from seventeen sources for bacteriological examination, showing 12 of them to be satisfactory, four unsatisfactory and one suspicious. The unsatisfactory samples were sent for second examination and two cases proved to be satisfactory. I append herewith the results of the bacteriological examination.

Whilst it is true that the actual pollution found is small, the potential pollution is great and some form of supply from the Rhymney Valley Water Board is strongly indicated.

## BACTERIOLOGICAL EXAMINATION OF WATER.

Lab. Ref. . . . .	404	405	406	407	408
Date received . . . .	16/12/48	16/12/48	16/12/48	16/12/48	16/12/48
Description of Sample . . . .	Spring opposite Watford Chapel	Spring opposite Watford Cottage	Spring above Old Inn, Watford	Shallow Well, Cuckoo Cottage	Spring, Mount Pleasant, C'philly
Bacteria developing per ml. at 22 degs. C. in 3 days . . . .	—	—	—	—	—
Bacteria developing per ml. at 37 degs. C. in 2 days . . . .	10	Plate overgrown by spreading organisms.	12	0	2
Coliform organisms . . . .	0 per 100 ml.	2 ml.	0 ml.	0 ml.	1 ml.
Faecal coli . . . .	0 per 100 ml.	0 ml.	0 ml.	0 ml.	0 ml.
Non Faecal Coli . . . .	0 per 100 ml.	2 ml.	0 ml.	0 ml.	1 ml.
Remarks . . . .	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory

Date: 22nd December, 1948.

(Signed) R. W. S. HARVEY.

## BACTERIOLOGICAL EXAMINATION OF WATER.

Lab. Ref. . . . .	409	410	411	412	413	414
Date Received . . . .	16/12/48	16/12/48	16/12/48	16/12/48	16/12/48	16/12/48
Description of Sample . . . .	Spring, Fernbank	Spring May Cottage	Spring Bryn yr Haul	Shallow Well Old Carpenters	Shallow Well Waun Waelod	Spring Penybryn Bungalow
Bacteria developing per ml. at 22 degs. C. in 3 days . . . . .	—	—	—	—	—	—
Bacteria developing per ml. at 37 degs. C. in 2 days . . . . .	..200	Plate overgrown by spreading organisms	17	18	25	10
Coliform organisms . . . .	..180 plus per 100 ml.	25 ml.	12 ml.	5 ml.	0 ml.	5 ml.
Faecal Coli . . . . .	..35 per 100 ml.	13 ml.	1 ml.	0 ml.	0 ml.	2 ml.
Non Faecal Coli . . . . .	..145 ml.	12 ml.	11 ml.	5 ml.	0 ml.	3 ml.
Remarks	Unsatisfactory	Suspicious	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Date : 22nd December, 1948.	(Signed) R. W. .S HARVEY.					



## BACTERIOLOGICAL EXAMINATION OF WATER.

Lab. Ref.	469	470	471	472	473	474
Date Received	.. 20/2/48	20/12/48	20/12/48	20/12/48	20/12/48	20/12/48
Description of Sample	.. Spring Clwyd y Gurnos Inn	Black Cock	Spring Gain Llwyd	Spring Bryn Glas	Spring Mor Graig	Tap from spring Travellers' Rest
Bacteria developing per ml. at 22 degs. C. in 3 days	.. —	.. —	.. —	.. —	.. —	.. —
Bacteria developing per ml. at 37 degs. C. in 2 days	.. .4	1,300	2,000	3	30	6
Coliform organisms	.. .2 per 100 ml.	0 ml.	5 ml.	1 ml.	35 ml.	1 ml.
Faecal Coli	.. .1 per 100 ml.	0 ml.	0 ml.	1 ml.	35 ml.	0 ml.
Non Faecal Coli	.. .1 per 100 ml.	0 ml.	5 ml.	0 ml.	0 ml.	1 ml.
Remarks	.. Satisfactory	Coliform count satisfactory but plate count high. Suggest repeat specimens in both cases.	Coliform count satisfactory but plate count high. Suggest repeat specimens in both cases.	Satisfactory	Unsatisfactory	Satisfactory

Date: 24th December, 1948.

(Signed) R. W. S. HARVEY.

## RIVERS AND STREAMS.

The Rivers and Streams still remain polluted owing to the activities of colliery washeries.

## ICE CREAM.

Your Sanitary Inspectors have given much time to the urgent question of ice cream production so that healthy products may be sold to the public. The Ice Cream (Heat Treatment, etc.) Regulations, 1947, were partly implemented in May 1948, but with the greatest attention to cooling, pasteurisation and general production the following were the results of the 30 samples submitted for examination :—

- 5 Unsatisfactory.
- 10 Very unsatisfactory.
- 6 Fair.
- 9 Satisfactory.

so that half the samples submitted were really not fit products to be sold to the public. A register is kept of producers and manufacturers and there are 46 of the former and 19 of the latter in the area, two of which are wholesale manufacturers.

The general position is still unsatisfactory. Producers of ice cream having followed the instructions of your Inspectors sincerely are extremely disappointed to obtain analyses which virtually again condemns their product. The standard of products is judged by a method which does not produce anything approximating determinate results and the terms used, "unsatisfactory," "satisfactory," etc., are, in my opinion, too loose and based upon a test of too wide a scope.

## DRAINAGE AND SEWERAGE.

A problem of some years standing was dealt with during the year when it was decided to connect properties extending from Pontygwindy Inn to Pwllypant to the main sewer. A loan was obtained for this purpose and it is hoped the work will be undertaken very early in the coming year.

The Rhymney Valley Sewerage Board and the Pontypridd and Rhondda Sewerage Board provide means for collection and disposal of sewage, except at Nelson, where it is dealt with by the Council Sewage Works.

The last sample of the year submitted resulted in the following analysis of the Nelson Sewage Works :—

Collected on 22/11/48, by Inspector A. H. Williams.

Labelled Llanfabon Road Sewage and Effluent.

	<i>Sewage</i>	<i>Effluent</i>
Ref. No.      ..    ..    ..	7189	7190
Date of Analysis    ..    ..	23/11/48	29/11/48
Appearance      ..    ..    ..	Rather Turbid	Fairly Clear
Reaction          ..    ..    ..	Faintly Alkaline	Faintly Alkaline
Total suspended matter    ..	Fair Amount	Small Amount
Chlorine          ..    ..    ..	4.0	2.4
Nitrogen as Nitrates    ..    ..		0.92
Nitrogen as Nitrites      ..		Nil
Free Ammonia        ..    ..	2.2	0.048
Albuminoid Ammonia      ..		0.14
Oxygen absorbed in 3 minutes		Non-Putrefactive
(a) Before incubation (5 days)	0.40	0.10
(b) After incubation      ..		0.10
Dissolved Oxygen absorbed in 5 days at 65 degs. F.      ..		0.40

Remarks.—A weak crude sewage. Chemical Analysis of the effluent shows efficient purification.

(Signed) D. EVANS JONES.

30/11/48.

## MATERNITY AND CHILD WELFARE.

## MATERNITY SERVICES.

The following is a short report on the work done to the 5th July, 1948 :—

The attached Table shows the most recent list of Clinics, together with the appropriate time-table. The work at the Ante-Natal Clinics has again been most impressive. 666 expectant mothers attended these Clinics, thus there are very few pregnancies in this area who have not had pre-natal attendance at your Clinics, whilst most of the remainder received attention from their family doctor. The total number of examinations conducted up to 5th July was 1998 Ante-natal cases and 98 Post-natal cases.

In addition to the provisions of the Ministry of Food, many forms of additional nourishment were provided for expectant mothers all at cost price, when the income fell below the Council scale.

A Specialist Consultant Service was provided, in addition to Dr. Garfield Evans, and cases were referred to Professor Strachan and Mr. Arwyn Evans. Cases showing any abnormality, difficulty or bad obstetrical history were sent into Cardiff Royal Infirmary Maternity Department, or the Maternity Wards of the Llwynypia Hospital.

The number of patients admitted to Cardiff Royal Infirmary Maternity Department were 25, and Llwynypia Hospital, 26.

The Glamorgan County Council opened a Nursing Home in conjunction with Llwynypia Hospital, at Glyncornel, and 19 cases of bad home conditions, poor nursing facilities or shortage of help, were treated at Glyncornel and 18 at Gwaunfarren Maternity Home, Merthyr.

The Maternal Mortality rate for 1948 is nil.

The Maternal Mortality rates for the past seventeen years were as follows :—

<i>Year</i>				<i>Maternal Death Rate per 1,000 Births</i>
1932	..	..	..	11.1
1933	..	..	..	10.3
1934	..	..	..	8.4
1935	..	..	..	8.9
1936	..	..	..	3.2
1937	..	..	..	1.6
1938	..	..	..	3.5
1939	..	..	..	7.8
1940	..	..	..	4.9
1941	..	..	..	6.8
1942	..	..	..	5.8
1943	..	..	..	1.3
1944	..	..	..	—
1945	..	..	..	—
1946	..	..	..	2.6
1947	..	..	..	2.5
<u>1948</u>	..	..	..	—

Dental services were provided for expectant and nursing mothers through the private dental practitioners of this area.

The County Council, through lack of staff, are unable to carry on this work, and arrangements have been made with the Dental Practitioners to provide dentures at National Health Insurance rates to all expectant and nursing mothers referred to them by the Council. This is more costly than the County Council Scheme, but, nevertheless, shows a considerable saving to the mother and the Council on what she would have to pay if treated as a private patient.

Complete sets of artificial dentures are provided at approximately £8. 8s. 0d. per set, with a diminishing scale varying with the size of partial dentures.

The activities of the Ministry of Food has relieved the Council to a considerable degree in the provisions of additional nourishment both for expectant mothers, nursing mothers and children under 5 years of age.

LIST OF CLINICS.

	1st	2nd	3rd	4th
MONDAY.				
a.m.	.. ..	Caerphilly S. A.N.C. Abertridwr I.W.C.	Caerphilly N. A.N.C.	Abertridwr I.W.C. Caerphilly S. A.N.C.
p.m.	.. ..			
TUESDAY.				
p.m.	.. ..	Trecenydd I.W.C.	Trecenydd I.W.C.	
WEDNESDAY.				
a.m.	.. ..	Senghenydd A.N.C. Trecenydd A.N.C. Senghenydd I.W.C.	Llanbradach A.N.C. Llanbradach I.W.C. Abertridwr A.N.C.	Senghenydd A.N.C. Trecenydd A.N.C. Senghenydd I.W.C.
p.m.	.. ..			
THURSDAY.				
a.m.	.. ..	Nelson A.N.C. Caerphilly S. I.W.C. Nelson I.W.C.	Taffs Well A.N.C. Caerphilly N. I.W.C. Taffs Well I.W.C.	Nelson A.N.C. Caerphilly S. I.W.C. Nelson I.W.C.
p.m.	.. ..			
FRIDAY				
a.m.	.. ..	Tredomen A.N.C. Tredomen I.W.C.		
p.m.	.. ..			

The cost of free nourishment provided was negligible, but a considerable amount of free medicines were supplied at the clinics. These were of a simple type, but were much appreciated.

Dental, Orthopaedic, Ophthalmic, Ear, Nose and Throat treatment were all provided as in previous years.

The number of deaths of children under one year showed an increase over that of last year.

The Infant Mortality Rate for the year under review was 63 per thousand births.

Prematurity, again, is a prolific cause of death in the early weeks of life, and this wastage can apparently only be stemmed by the provision of a Baby Hospital.

## GENERAL SANITATION.

### CESSPITS AND CLOSET ACCOMMODATION.

During the year cesspools were cleansed and disinfected at a cost of £28. 0s. 0d. The work was carried out by contract and was satisfactory. There has been no conversion from conservancy systems into water carriage systems.

### PUBLIC CLEANSING.

The scavenging of the area, with the exception of Taffs Well, Groes Wen and Cwmheldeg, was done by direct labour. This was the first year for Nelson and Ystrad Mynach to be done by direct labour, and it has proved to be very satisfactory.

## SANITARY INSPECTION OF THE AREA.

Inspections under the Public Health Acts	..	1954
Investigations and visits in cases of infectious diseases	.. .. .	215
Revisits to unabated Nuisances	.. ..	2246
Premises Disinfected	.. .. .	110

The following visits and inspections were made in connection with the undermentioned :—

Water Supply .. .. .	272
Drainage .. .. .	1946
Piggeries and Stables .. ..	229
Offensive Trades .. ..	10
Fried Fish Shops.. ..	66
Common Lodging Houses ..	12
Tents, Vans, Sheds .. ..	121
Factories .. .. .	1500
Bakehouses .. .. .	59
Public Conveniences .. ..	197
Places of Entertainment ..	91
Refuse Collection .. ..	1403
Rats and Mice Destruction ..	1152
Schools .. .. .	14
Shops .. .. .	3110
Miscellaneous Visits .. ..	2760

During the year four new fish fryers have opened at :—

- 1, Wingfield Terrace, Llanbradach.
- 1a, Llwyncelyn, Nelson.
- Station Cafe, Ystrad Mynach.
- Tyla Gwyn, Nantgarw.

#### SMOKE ABATEMENT.

The Council have become members of the National Smoke Abatement Society, a body doing excellent work in connection with atmospheric pollution. Fortunately, the problem in the Caerphilly area is largely confined to the Taffs Well Ward, and the people of this ward are joint sufferers with the inhabitants of the contiguous parts of the Pontypridd U.D.C. and the Llantwit Fardre R.D.C.



During 1948 some complaints were made of smoke nuisance at Messrs. Osband Bros., Clothing Factory, Pontygwindy Road, Caerphilly. Your Inspectors investigated this matter and found that first class, latest type of furnaces and boilers had been installed; stoking was carried out in an efficient manner and the only reason for the nuisance was the very poor quality coal supplied to the Factory. As in previous reports, this is the cause of the nuisance at the Treforest Power Station and the Managers of both these premises have been candid and have tried to abate the nuisance by all the means in their power short of stopping the Factories.

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### SCABIES ORDER 1941.

#### SCABIES AND IMPETIGO.

The Cleansing Station at 1, Market Street, Caerphilly, continued to do excellent work. The number treated was 1159. Some cases were treated for Bedwas and Machen U.D.C.

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### TEMPORARY DWELLINGS.

Visited during the year .. ..	70
Demolished .. .. .	1
Vacant at the end of the year ..	—
Total number remaining at end of year .. .. .	76

Squatters are still with us, the Council having spent money on trying to make the dwellings habitable.

### MILK SUPPLY.

Number of Cowsheds in the area ..	96
Number of inspections in Cowsheds ..	211
Number of Dairies in the area .. ..	115
Number of inspections of Dairies ..	509

The number of samples taken during the year were 152 by your Sanitary Inspectors. 24 Samples were taken to the County Laboratory, and all were free from tuberculosis.

## DESIGNATED MILKS.

The Glamorgan County Council have issued licences to the following persons to produce designated milks:—

*Tuberculin Tested—*

Mr. D. Badham, Troedyrhiw Farm, Ystrad Mynach.  
 Mr. A. E. Edmunds, Ty Isaf Farm, Abertridwr.  
 Mr. L. Evans, Nantycalch Farm, Caerphilly.  
 Mr. L. Evans, Energlyn Farm, Caerphilly.  
 Mr. E. H. Thomas, Ty'r Hugh Farm, Taffs Well.

*Accredited—*

Mr. S. P. Evans, Craigyrfufen Farm, Senghenydd.  
 Messrs. J. and S. Phillips, Garth Farm, Abertridwr.  
 Mr. E. Thomas, Penwaun Farm, Nelson.

Samples of these designated milks are regularly taken by the County Sanitary Inspector.

## INSPECTION OF MEAT AND OTHER FOODS.

There are no licensed slaughtermen in the area. Meat is now imported from neighbouring areas.

The following Meat and other Foods were condemned during the year:—

Beef (Imported)	..	..	..	280	lbs.
Beef (Home Killed)	..	..	..	722	lbs.
Lamb (Imported)	..	..	..	8 $\frac{1}{4}$	lbs.
Butter	..	..	..	8	lbs.
Prunes	..	..	..	50	lbs.
Milk Evap.	..	..	..	339	tins
Beef (tinned) (6-lb.)	..	..	..	33	tins
Pilchards	..	..	..	30	tins
Peas	..	..	..	6	cwt.
Veal Loaf	..	..	..	3	tins
Fruit Salad	..	..	..	2	tins
Cheese	..	..	..	4	lbs.
Sweetened Full Cream Milk	..	..	..	4	tins
Haddock	..	..	..	3 $\frac{1}{2}$	stones
Peas	..	..	..	43	tins
Sausage (6-lb. tin)	..	..	..	1	tin
Tomatoes	..	..	..	23	tins

Peaches	..	..	..	..	22	tins
Jam	..	..	..	..	12	tins
Bacon, tinned	..	..	..	..	7	tins
Plums	..	..	..	..	3	tins
Grape Fruit	..	..	..	..	4	tins
Crawfish	..	..	..	..	2	tins
Tongue (Lamb's)	..	..	..	..	1	tin
Beans	..	..	..	..	13	tins
Semolina Flour	..	..	..	..	11	lbs.
Salmon	..	..	..	..	3	

#### RODENT CONTROL.

The Ministry of Agriculture and Fisheries requested the Council to appoint a Rodent Officer for this area and Mr. W. H. Perry was appointed and commenced work on the 4th August, 1948. From this date until December, 1948, the following treatments were carried out :—

Private dwellings	..	..	..	33
Business premises	..	..	..	5
Local Authority Premises	..	..	..	5
All Council sewers	..	..	..	1

Any infestations found were treated in accordance with the methods laid down by the Ministry of Agriculture and Fisheries.

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PREVENTION OF INFECTIOUS DISEASE.  
NOTIFIABLE DISEASES (EXCEPT TUBERCULOSIS).

Disease according to notification	Cases Notified	Admitted Isolation Hospital	Number of Deaths
Small Pox .. ..	—	—	—
Scarlet Fever .. ..	144	29	—
Diphtheria .. ..	25	25	—
Typhoid and Para Typhoid ..	1	1	—
Pneumonia (Acute Primary and Influenza) .. ..	23	3	19
Cerebro Spinal.. ..	1	1	—
Ophthalmia Neonatorum ..	1	—	—
Erysipelas .. ..	8	10	—
Dysentery .. ..	—	—	—
Puerperal Pyrexia .. ..	2	2	—
Measles .. ..	184	7	—
Whooping Cough .. ..	98	2	2
Chicken Pox .. ..	—	1	—
Acute Poliomyelitis .. ..	1	1	—
Pemphigus Neonatorum ..	—	1	—
Erythema Nodosum .. ..	1	—	—

During the year a case of anthrax occurred and was not notified. The case in question, was a young girl employed by Messrs. Shermans Pools at Cardiff, and work in connection with the Cardiff City Public Health Department failed to establish the source of infection.

Considerable public concern was felt by the diagnosis of a case of typhoid fever in Van Road, Caerphilly. This case was admitted to Energlyn Isolation Hospital and proved to be a case of dysentery of the salmonella type (Stanley).

SCARLET FEVER, DIPHTHERIA AND  
CEREBRO-SPINAL NOTIFIED DURING  
THE PAST 23 YEARS.

Year	Scarlet Fever		Diphtheria		Cerebro-Spinal Fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
1926	12	1	79	2	1	Nil
1927	35	Nil	152	6	1	Nil
1928	69	Nil	76	6	Nil	Nil
1929	150	1	135	3	Nil	Nil
1930	132	Nil	164	8	Nil	Nil
1931	56	Nil	33	1	Nil	Nil
1932	111	Nil	70	8	Nil	Nil
1933	255	Nil	159	3	Nil	Nil
1934	195	1	167	7	Nil	Nil
1935	73	Nil	174	12	Nil	Nil
1936	49	Nil	122	19	1	1
1937	205	Nil	68	1	1	1
1938	268	1	65	1	2	2
1939	195	Nil	20	3	4	3
1940	109	Nil	130	6	26	7
1941	32	Nil	104	8	17	4
1942	58	Nil	70	9	4	2
1943	68	Nil	73	1	6	3
1944	156	1	86	2	7	Nil
1945	92	Nil	40	Nil	2	Nil
1946	67	Nil	43	2	2	Nil
1947	77	Nil	21	Nil	5	Nil
1948	144	Nil	25*	Nil	1	Nil

\*Actual number of cases confirmed as Diphtheria was 1.

## TUBERCULOSIS.

The following table shows the number of new cases and mortality from tuberculosis during 1948:—

Age Period	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	1	—	—	—	1	—	—	—
1	1	3	1	—	—	—	—	1
5	6	8	2	1	—	—	—	—
15	8	10	1	1	2	1	—	—
25	11	12	1	2	1	4	—	2
35	3	1	—	—	1	—	—	1
45	4	1	—	—	—	2	1	—
55	2	2	1	—	2	—	—	—
65	—	—	—	—	1	—	—	—
	36	37	6	4	8	7	1	4

## TUBERCULOSIS DEATH RATE.

Year	Estimated Population	Deaths from Pul. T.B.	Deaths from Non-Pul-	Total	Phthisis Death Rate	T.B. (all forms rate)
1948	32,690	15	5	20	.445	.593
1947	32,260	21	3	24	.743	.834
1946	32,240	14	1	15	.434	.465
1945	32,160	16	2	18	.497	.559
1944	32,540	13	7	20	.399	.614
1943	32,920	23	7	30	.698	.911
1942	—	21	3	24	—	—
1941	33,920	26	3	29	.765	.853
1940	31,630	25	9	34	.795	1.142
1939	31,990	23	7	30	.713	.938
1938	32,180	19	6	25	.594	.781
1937	32,570	26	5	28	.291	.859
1936	33,370	22	4	26	.659	.779
1935	34,150	25	4	29	.756	.846
1934	34,612	31	10	41	.895	1.183
1933	35,000	30	11	41	.857	1.171
1932	35,270	29	7	36	.822	1.021
1931	36,120	22	9	31	.609	.856
1930	39,380	34	7	41	.863	1.041
1929	39,360	27	10	37	.687	.939
1928	39,380	46	4	50	1.164	1.260
1927	39,970	31	8	39	.750	1.026
1926	40,000	34	17	51	.850	1.275
1925	40,530	29	10	39	.715	.959
1924	39,850	34	11	45	.853	1.129
1923	39,000	27	10	37	.691	.949
1922	38,520	39	6	45	1.013	1.165
1921	37,630	26	9	35	.691	.932

Dr. Godbey, Tuberculosis Physician for the Rhymney Valley, submitted the following Report :—

#### TUBERCULOSIS IN 1948.

Attendances at the Caerphilly Chest Clinic are increasing steadily, and during the year reached the record number of 6776. The incidence of pulmonary tuberculosis has unfortunately shown a tendency to increase; but a greater proportion are being discovered in the early stages, when the prospects of successful treatment are more hopeful. This is due to mass radiography and the fact that more people are seeking medical advice as soon as they feel out of sorts.

The waiting lists for hospital and sanatorium treatment are long. This is due to the shortage of nurses. Treatment cannot always be carried out in the patient's home, because of overcrowding or other circumstances. Re-housing of tuberculosis families in such cases is an important public health measure, which has been assisted by the points system which gives preference to such families.

*Energlyn Hospital.* Both wards have been fully occupied during the year. Treatment is still based on rest of body and mind. To assist this, air is sometimes introduced into the chest or abdomen, in the treatment known as artificial pneumothorax, and pneumoperitoneum. These treatments were started in 20 cases, and air refills were given 325 times.

Crushing of the phrenic nerve has been done when necessary by Mr. Dillwyn Thomas or Mr. J. D. Wade.

Consultations with Mr. Dillwyn Thomas are held when necessary, and patients needing other forms of surgical treatment are transferred to surgical units.

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The Housing Manager submitted the following report :—

#### HOUSING PROGRESS REPORT.

The Council are pressing on energetically with their housing programme as the following summary will show :—



The number of new houses completed during the year were :—

B.I.S.F. Steel .. .. .	49
Aluminium Bungalows .. .. .	82
Traditional brick .. .. .	63
	<hr/>
Total .. .. .	194
	<hr/>

Also in course of construction at the end of the year were :—

Traditional Brick .. .. .	188
Aluminium Bungalows .. .. .	118

and plans were in course of preparation for the development of the Penyrheol Site, which will provide for about 1,200 houses.

The Council have also a scheme in hand for the erection in the various Wards of a number of Old Age Pensioners' houses and several sites have been scheduled for the purpose.

#### SLUM PROPERTIES.

In addition to providing for the needs of those without homes of their own, the Council have also had to provide alternative accommodation for a large number of families who were living in dilapidated properties in Nantgarw, Taffs Well, Nelson and Senghenydd.

Therefore, it can be stated to their credit, that the Caerphilly Urban District Council are facing up to their responsibilities in their housing problem.

#### HOUSING STATISTICS.

	<i>No. completed and let</i>	<i>No. in course of erection</i>	<i>Total</i>
Temporary Bungalows .. .. .	77	—	77
Aluminium Bungalows .. .. .	135	118	253
Steel Houses .. .. .	200	—	200
Traditional Brick Houses .. .. .	152	188	340
Pre-War Housing Estate .. .. .	696	—	696
	<hr/>	<hr/>	<hr/>
	1260	306	1566
	<hr/>	<hr/>	<hr/>

WM. MORGAN,

*Housing Manager.*

## FACTORIES, WORKSHOPS AND WORKPLACES.

### 1.—INSPECTIONS

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities .. ..	76	310	15	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .. ..	83	182	2	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) .. ..	Nil	Nil	Nil	Nil
TOTAL .. ..	159	492	17	Nil

### 2.—CASES IN WHICH DEFECTS WERE FOUND.

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (s.1) .. ..	4				Nil
Overcrowding (s.2) .. ..	4			1	
Unreasonable temperature (s.3) .. ..	1				
Inadequate ventilation (s.4)	1				
Ineffective drainage of floors (s.6) .. ..	1				
Sanitary Conveniences (s.7):					
(a) insufficient .. ..	3				
(b) Unsuitable or defective	2			1	
(c) Not separate for sexes	1				
Other offences against the Act (not including offences relating to Outwork) ..	—				
TOTAL .. ..	17			2	

## PART VIII OF THE ACT OUTWORK. (Sections 110 and 111)

Nature of Work (1)	Section 110			Section 111		
	No. of out-workers in August list required by Sect. 110 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Wearing apparel {	Making, etc. ..	47	Nil	Nil	Nil	Nil
	Cleaning and washing					

## BYE-LAWS.

The Council have the following Bye-Laws with respect to :—

The Cleansing of Footpaths and Pavements .. .. .	7th November, 1894
Nuisances .. .. .	8th November, 1894
Common Lodging Houses ..	8th November, 1894
Slaughter Houses .. .. .	8th November, 1894
Offensive Trades .. .. .	8th November, 1894
Nuisances in connection with the Removal of Offenisve or Noxious Matters .. .. .	8th November, 1894
Tents, Vans, etc. .. .. .	16th July, 1907
Cemeteries .. .. .	27th January, 1930
New Streets and Buildings ..	2nd April, 1930

Miss Owen, Matron of the Energlyn Isolation Hospital resigned on the 30th April, 1948 and Miss E. M. England was appointed Matron and commenced duties on the 12th July, 1948. Miss A. Lewis resigned on account of marriage and Miss C. Thomas, Miss G. Rees, Mrs. M. Baldwin and Mrs. N. Wise were taken over by the Glamorgan County Council under the National Health Service Act, 1946.

I have again to thank the entire staff for their help and co-operation and to record the help given me in the compilation of this Report by your Sanitary Inspectors.

I am,

Ladies and Gentlemen,

Your obedient Servant,

W. R. NASH,

*Medical Officer of Health.*



