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Contributors

Ruthin Town (Clwyd, Wales). Rural District Council.

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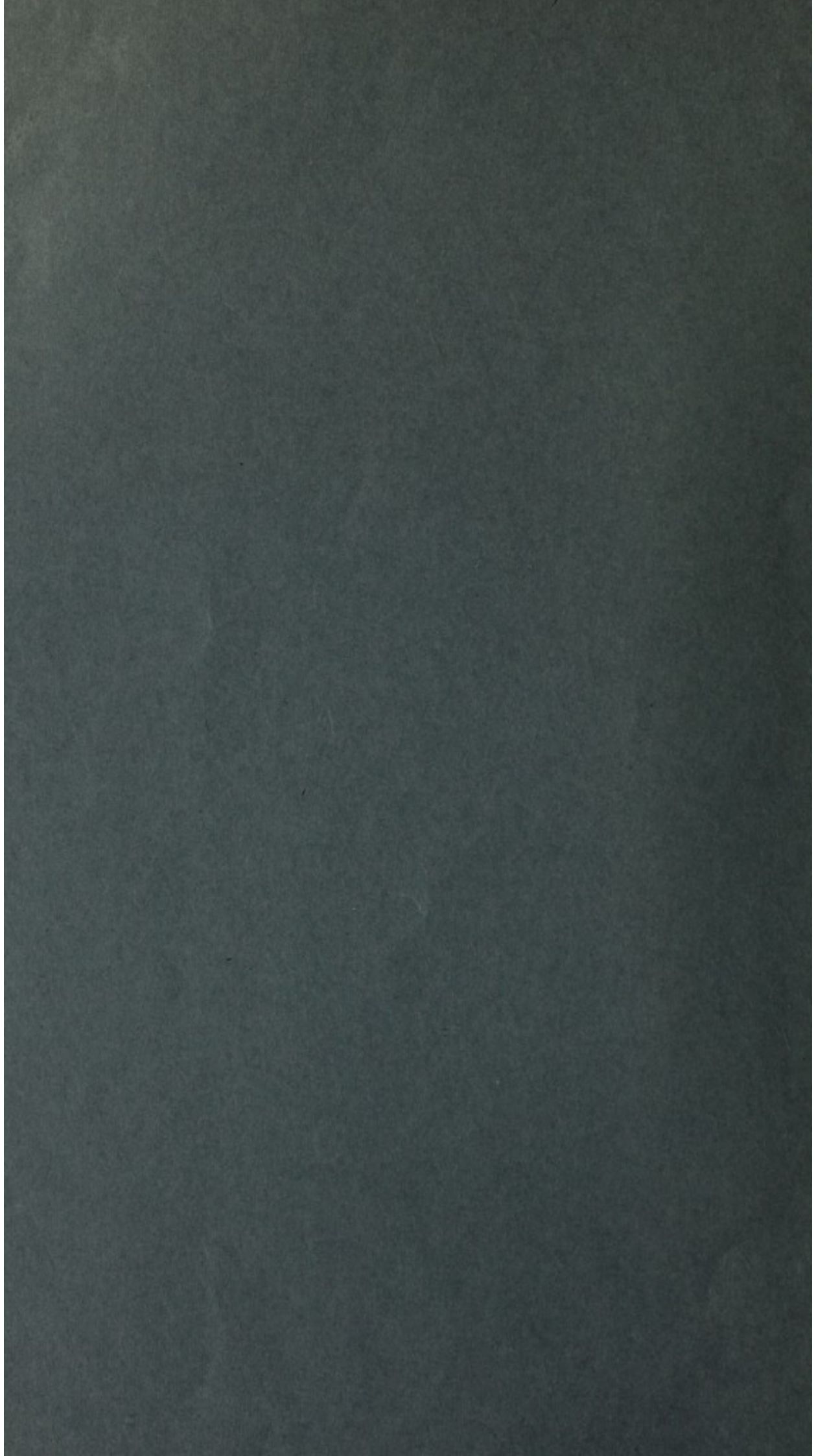
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RURAL DISTRICT OF RUTHIN

ANNUAL
HEALTH REPORT

1966

MEDICAL OFFICER OF HEALTH

M. JONES ROBERTS, M.B., Ch.B., D.P.H.

County Council Clinic, Mount Street, Ruthin.

Tel. No. Ruthin 2361.

PUBLIC HEALTH INSPECTOR

G. WYNNE REES, M.A.P.H.I., A.R.S.H.

Rural District Council Offices, Well Street, Ruthin.

Tel. No. Ruthin 2333.

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TO THE CHAIRMAN AND MEMBERS OF THE

RUTHIN RURAL DISTRICT COUNCIL.

Mr. Chairman and Councillors,

The Public Health Inspector and I have pleasure in presenting our report on the health of the Rural District during the year 1966.

We wish to thank you, Mr. Chairman, the chairmen and members of the Committees and members of the Council for the assistance we have received during the year. We also thank the officials and members of the staff for their ever ready assistance.

Yours faithfully,

M. JONES ROBERTS,

Medical Officer of Health.

The Chairmen of the Council and Committees during the year were as follows:-

Chairmen of the Council:-

January - May, 1966: Councillor T. Bryan Jones.

June - December, 1966: Councillor Llewelyn E. Jones.

Chairmen of the Public Health Committee:-

January - May, 1966: Councillor Mrs. G. H. Ffoulkes.

June - December, 1966: Councillor Mrs. G. H. Ffoulkes.

Chairmen of the Housing Committee:-

January - May, 1966: Councillor Llewelyn Roberts.

June - December, 1966: Councillor Arthur Roberts.

GENERAL STATISTICS OF THE RURAL DISTRICT

Area of the Rural District	98,651 acres
Registrar General's estimated population (mid-1966)	9,310
Number of inhabited houses	3,319
Rateable Value (1/4/66)	£249,182
Sum represented by a penny rate	£948. 3. Od.

The estimated population was 9,310 compared with 9,360 in 1965, a decrease of 50.

The number of inhabited houses has increased from 3,262 in 1965, to 3,319 in 1966.

DEATHS.

Comparability Factor 1.15

	England and Wales 1966.	1965	1966
Crude death rate (per 1,000 population)	11.7	13.03	10.95
Corrected death rate (per 1,000 population)		13.30	11.16
Still-birth rate (per 1,000 population)		.17	NIL
Still-birth rate (per 1,000 live and still-births)	15.4	7.5	NIL
Maternal mortality rate	0.26	NIL	NIL
Infant mortality rate (per 1,000 live births)	19.0	15.14	7.6
Infant mortality rate (per 1,000 legitimate live births)		15.8	7.7
Infant mortality rate (per 1,000 illegitimate live births)		NIL	NIL
Neo-natal mortality rate (per 1,000 live births) first four weeks	12.9	7.57	7.6
Early neo-natal mortality rate (death under 1 week per 1,000 live births)	11.1	7.5	7.6
Peri-natal mortality rate (still-births and deaths under 1 week combined per 1,000 total live and still-births)	26.3	15.03	7.6

The following table shows the number of deaths which occurred during the year. The number of deaths which occurred in 1965 is shown in the first column for comparison.

	1965 Total	Sex	Total all ages 1966	Under 4 weeks	1 -	15 -	35 -	45 -	55 -	65 -	75 and over
Tuberculosis, Respiratory	-	M	1	-	-	-	-	-	1	-	-
	-	F	-	-	-	-	-	-	-	-	-
Other Infective and Parasitic diseases	1	M	-	-	-	-	-	-	-	-	-
	-	F	-	-	-	-	-	-	-	-	-
Malignant Neoplasm, Stomach	3	M	3	-	-	-	-	-	-	2	1
	2	F	-	-	-	-	-	-	-	-	-
Malignant Neoplasm, Lung, Bronchus	2	M	2	-	-	-	-	-	1	-	1
	-	F	1	-	-	-	-	-	1	-	-
Malignant Neoplasm, Breast	-	M	-	-	-	-	-	-	-	-	-
	3	F	3	-	-	-	-	1	-	1	1
Malignant Neoplasm, Uterus	1	F	-	-	-	-	-	-	-	-	-
Other Malignant and Lymphatic neoplasms	12	M	5	-	-	-	-	-	1	2	2
	10	F	5	-	-	-	-	-	2	2	1
Leukaemia, Aleukaemia	-	M	-	-	-	-	-	-	-	-	-
	-	F	1	-	-	-	-	-	-	-	1
Diabetes	1	M	-	-	-	-	-	-	-	-	-
	1	F	2	-	-	-	-	-	-	1	1
Vascular Lesions of Nervous System	9	M	5	-	-	-	-	-	1	-	4
	14	F	9	-	-	-	-	-	-	3	6
Coronary Disease, Angina	14	M	15	-	-	-	-	3	3	2	7
	12	F	8	-	-	-	-	-	-	5	3
Hypertension with Heart Disease	-	M	1	-	-	-	-	-	-	1	-
	2	F	2	-	-	-	-	-	2	-	-
Other Heart Diseases	4	M	7	-	-	-	-	1	1	-	5
	7	F	8	-	-	-	-	-	1	1	6
Other Circulatory Disease	2	M	3	-	-	-	-	-	-	2	1
	2	F	-	-	-	-	-	-	-	-	-
Pneumonia	2	M	2	1	-	-	-	-	-	-	1
	2	F	1	-	-	-	-	-	-	-	1
Bronchitis	2	M	-	-	-	-	-	-	-	-	-
	-	F	2	-	-	-	-	-	-	-	2
Other Diseases of Respiratory System	1	M	-	-	-	-	-	-	-	-	-
	-	F	1	-	-	-	-	-	-	1	-

	1965 Total	Sex	Total all ages 1966	Under 4 weeks	1 -	15 -	35 -	45 -	55 -	65 -	75 and over
Ulcer of Stomach and Duodenum	1	M	2	-	-	-	-	-	1	-	1
	-	F	-	-	-	-	-	-	-	-	-
Congenital Malformations	2	M	-	-	-	-	-	-	-	-	-
	-	F	1	-	-	-	-	-	-	-	1
Other Defined and Ill-defined Diseases	4	M	3	-	-	1	-	-	-	1	1
	3	F	2	-	-	-	-	-	1	1	-
Motor Vehicle Accidents	-	M	1	-	1	-	-	-	-	-	-
	-	F	1	-	-	-	1	-	-	-	-
All other accidents	1	M	1	-	-	-	-	-	-	-	1
	2	F	2	-	-	-	-	-	-	1	1
Suicide	-	M	2	-	-	1	-	-	1	-	-
	-	F	-	-	-	-	-	-	-	-	-
TOTAL ALL CAUSES:	61	M	53	1	1	2	-	4	10	10	25
	61	F	49	-	-	-	1	1	7	16	24

There were 102 deaths during the year compared with 122 the previous year, giving a death rate of 11.16 compared with 13.30 in 1965 and 11.7 for England and Wales. Of these 102 deaths, 75 occurred in persons aged 65 years and over.

There was 1 death due to tuberculosis compared with nil in 1965. Malignant diseases caused 20 deaths compared with 33 the previous year. Of these, 3 were due to cancer of the lungs compared with 2 the previous year.

Diabetes caused 2 deaths compared with 2 the previous year.

Vascular lesions of the nervous system caused 14 deaths compared with 23 in 1965. As is to be expected, these occurred mostly in the older age groups.

Coronary diseases and angina accounted for 23 deaths compared with 26 the previous year. Hypertension with heart disease accounted for 3 deaths and other heart diseases caused 15 deaths. Other circulatory diseases caused 3 deaths.

There were 3 deaths due to pneumonia compared with 4 the previous year. Bronchitis accounted for 2 deaths in people aged 75 years of age and 1 other death was caused by other diseases of the respiratory system.

Ulcer of the stomach was the cause of death in 2 people and congenital malformation, other defined and ill-defined diseases accounted for 6 deaths. There were 2 cases of suicide and 2 motor vehicle accident deaths. Three other deaths were caused by accidents, one was in a person aged 78 who died from bronchopneumonia following a fracture of left femur, one was due to bronchopneumonia following a fracture of the skull, and the third was caused by cardiac failure due to a fracture of the right femur sustained in a fall.

Still-Births.

The Still-Birth Rate (per 1,000 live and still-births) was nil compared with 7.5 in 1965, and 15.4 for England and Wales. The actual number of still-births was nil compared with 1 the previous year.

Infant Deaths.

The Infant Mortality Rate was 7.6 compared with 15.14 in 1965, and 19.0 for England and Wales. The actual number of deaths was 1 compared with 2 the previous year. This was in a baby aged 6 days who was born in hospital. Death was due to prematurity and respiratory failure. The Health Visitor reported that this death may have been prevented had the mother attended more regularly for ante natal care. She was not in good health.

Maternal Mortality.

There were no deaths due to causes related to maternity and the rate is again Nil compared with 0.26 for England and Wales.

BIRTHS.

Comparability Factor 1.15

Actual number of births registered: 3, (2 males, 1 female)
Number of births relating to residents: 134, (76 boys, 58 girls)

There are no Maternity Hospitals in the Rural District, and mothers are admitted to Maternity Homes or Hospitals outside the area for their confinement. The births were classified as follows:-

	Males	Females	Total.
Legitimate	76	58	134
Illegitimate	4	-	4
- 5 -	80	58	138

	England and Wales	1966	1965
Crude birth rate (per 1,000 population)	17.7	14.28	14.10
Corrected birth rate (per 1,000 population)		16.42	16.22
Illegitimate live births per cent of total live births.		3.0	4.5

INFECTIOUS DISEASES.

The following table shows the number of cases of infectious diseases in the various age groups notified during 1966. The number notified during 1965 is given in the first column for comparison.

Notifiable Disease.	1965 Totals.	1966 Totals.	Under one Year	1 - 5 years	6 - 15 years	16 - 25 years.
Measles	61	46	5	14	27	-
Dysentery	4	-	-	-	-	-
Whooping Cough	1	2	-	1	1	-
Acute Pneumonia	1	-	-	-	-	-
Erysipelas	1	-	-	-	-	-
Scarlet Fever	-	1	-	-	-	1
Totals:	68	49	5	15	28	1

The total number of cases notified in the area was 49 compared with 68 in 1965.

Measles accounted for 46 cases compared with 61 last year. There were 2 cases of whooping cough compared with 1 the previous year.

One case of scarlet fever occurred in a youth who was working on a farm. As the milk was sent for pasteurisation, there was no chance of its spread via consumption of milk and no other cases were notified.

There were no cases of dysentery notified compared with 4 last year. One case was notified as one of suspected dysentery, but bacteriological examinations proved negative. Contacts to cases from another area were also followed up but had returned home the same day as the notification was received.

Two cases were investigated as they were notified as contacts to cases of salmonella which occurred in hospital. Bacteriological examination proved negative in both instances.

Early in the year, a case was notified as a case of suspected diphtheria, but again the results were negative, the patient having suffered from tonsillitis.

The following cases were reported from schools by Headteachers:-

Chickenpox: 6
Measles: 7
German Measles:..... 1

Anthrax.

Two cases were notified in a cow and in a calf but the notices were withdrawn following veterinary examination.

Swine Fever.

Notification was received of swine fever in one farm during the year.

Tuberculosis.

No cases of tuberculosis were notified during 1966. Thirteen cases were removed from the register during the year, 10 of which were pulmonary and were cured and 3 were non-pulmonary cases, the patients having died, two of them from other causes.

The following table shows the number of cases of tuberculosis on the register at the beginning and at the end of 1966.

	Pulmonary		Non-Pulmonary.		Totals.
	Males	Females.	Males	Females	
Number on Register on 1st January, 1966.	28	18	6	2	54
Number on Register on 31st December, 1966.	21	15	3	2	41

PREVENTION OF INFECTIOUS DISEASES

Diphtheria, Whooping Cough and Tetanus.

Injections to protect against these three are given together and referred to as the "Triple" injection. Three doses are given at monthly intervals from the age of three months. A booster is given at the age of 18 months followed by boosters against diphtheria and tetanus at school entry and at the age of 10 years.

Number of children immunised during 1966 were:-

	<u>Primary.</u>	<u>Booster.</u>
Diphtheria	105	300
Whooping Cough	100	60
Tetanus	105	179

In addition 3 children were given the Quadrilin injection as their primary dose.

Poliomyelitis.

Oral vaccine (Sabin) is used in all County Clinics. Three doses of 3 drops on a lump of sugar or in syrup are given from the age of 6 months and a booster dose is given at the age of 5 years. Salk vaccine (by injection) was only given to two children.

Number of children vaccinated during 1966:-

	<u>Primary</u>	<u>Booster</u>
Sabin vaccine	92	203
Salk vaccine	2	2
Quadrilin	3	-

Smallpox.

Primary vaccination is carried out in the County Clinics between the ages of 1 and 2 years.

Number of children vaccinated during 1966:-

Primary:	76
Revaccination:	17

Tuberculosis.

Junior schools are not visited for the purpose of giving children protection, but pupils from the rural district attending secondary schools in Ruthin and Denbigh are given B.C.G. vaccination. These numbers are included in the following table.

	Brynhyfryd, Ruthin.	Caledfryn School.	Denbigh Grammar.
Number of children tested	121	77	54
Number of children found to be positive.	20	19	11
Number of children found to be negative.	95	50	41
Number of children given B.C.G. vaccination.	95	50	41

From these figures, it will be seen that 50 children showed a positive reaction. 16 children did not attend for the reading of the test, and of the 186 who did, all were given the protective dose.

Mass Radiography Unit.

The unit did not visit the area during the year, but people from the Rural District attended the unit stationed at Denbigh and Ruthin and are included in the following figures:-

	Denbigh.	Ruthin.
Number examined	292	594
Number of visits	15	15
Average attendance per visit	19	39

The type of examinee was as follows:-

General Population Volunteers	284	557
General Practitioner referrals	1	3
Contacts	5	22
Scholars	2	12

Special Surveys:-

	Total.	Male	Female
C.W.S. Creamery, Llandyrnog.			
Number examined:	64	52	12
Total found to be abnormal:	1	1	-
Referred to Chest Physician as cases requiring further investigation.			
Other abnormalities of the chest:	1	1	-

The reports are confidential and are only sent to the patient's doctor.

Infectious Diseases.

The following table indicates the number of inspections carried out by the Public Health Inspectors regarding infectious diseases during the year:-

Number of visits re infectious diseases.....	33
Number of visits re tuberculosis	4
Number of rooms fumigated and disinfected	8
Number of cases where disinfectant was used	2
Number of cases where bedding was removed for stoving ,.....	Nil

Care of the Aged.

No cases of persons in need of care and attention and not giving themselves the necessary care and attention were brought to my notice during the year, therefore, it was not necessary for the Council to take action under Section 47 of the National Assistance Act.

No action was taken under this section during the year.

Darby and Joan Clubs.

At Llandyrnog there is a very active Club - the Ivy Club - which has 80 members who meet once a month. A Committee of 21 run the Club, each member looking after its own section and taking care of cases who are sick by collecting prescriptions etc. and seeing they have coal delivered during bad weather, especially if they live alone. An "outing" is arranged once a year and there is a Christmas party. The Club was founded from a Ladies Club in 1947, and in 1962, a mixed Club was formed and the members themselves chose the Club's name.

Llanfair D.C. This Club has about 30 members and is run by 8 members of the Womens Royal Voluntary Service, who help to look after the aged. The Club meets once a month and arrangements are made to bring people to the monthly meetings in four cars. Apart from an excellent social side, an annual outing and a Christmas party, birthdays of members are remembered and any member who is in hospital is visited. If members are given the tenancy of a new bungalow, advice is willingly given on modern equipment etc.

It appears there are about 25 Clubs functioning in the area, including one in Llandegla. In Pwllglas, the Evergreen Club is run by members of the Red Cross.

Meals on Wheels.

The question of forming a "Meals on Wheels" service has been considered further by the Council, but no action has been taken. It appears that in most villages the elderly citizens are catered for on the "good neighbour" basis, but the extent of this is not known.

SANITARY CIRCUMSTANCES IN THE AREA.

Housing.

Forty pre-war dwellings and 413 post-war dwellings have been built by the Council, making a total of 453 dwellings.

Of the above total of post-war dwellings 8 one-bedroom bungalows and 24 two-bedroom bungalows were completed and occupied during the year. A further 3 dwellings are now in course of erection for the Council.

26 privately-owned houses were completed and occupied during 1966, an increase of fifteen on the previous year.

Regular inspections of the council houses were carried out, and with very few exceptions, they were found to be in a satisfactory condition.

Fifteen discretionary grant schemes were completed during the year, and since the Housing Acts 1949-1954 introduced the scheme, 239 houses have been improved at a cost to the Council of approximately £74,896.

The improvement of these properties has provided a standard of accommodation which compares very favourably with that of new dwellings, and at an appreciably lower cost.

Fourteen standard grant schemes were completed during the year, and since the House Purchase and Housing Act, 1959, introduced the system to supplement the discretionary grant scheme, 48 houses have been improved at a cost to the Council of approximately £6,682. The changes made by Part III of the Housing Act, 1964, have greatly increased the attractiveness of the standard grant scheme, and created an added interest in the advantages of house improvement.

Schools.

Inspections of the schools in the district revealed that some

very satisfactory improvements were being effected to provide modern amenities.

School Canteens.

The standard of hygiene and cleanliness in all the school canteens was found to be generally high. The new canteen at Llanrhaeadr School was completed and brought into use during the year. Of the eighteen school canteens in the district, there are now only three which are not of good structural standard.

At Llanelidan the canteen is also used as a Village Hall kitchen. The building is in very poor structural condition, and a new canteen is required which will provide exclusively for the needs of the school.

In the remaining two canteens, situated at Graianrhyd and Derwen Schools, the main need is for additional space and improved ventilation. The existing working area in these two canteens is very restricted, and on account of lack of adequate ventilation the kitchens become very hot, and steam and cooking odours enter the classrooms.

Food.

Number of food premises in the area 106

The food premises in the area are mainly family concerns and only a few employ assistants. Conditions were generally found to be satisfactory as regards compliance with the Food Hygiene Regulations, and it is pleasing to report that no statutory action was found necessary.

Food Hygiene (General) Regulations, 1960.

The following table indicates the various types of food premises in the area subject to the Food Hygiene (General) Regulations, 1960, and the numbers fitted to comply with Regulations 16 and 19.

Type of Food Premises.	Number	No. fitted to comply with Regulation 16	No. to which Regulation 19 applies.	No. fitted to comply with Reg.19.
Shops	49	49	25	25
Public Houses ..	26	26	26	26
Hotels	2	2	2	2
Cafes	5	5	5	5
School Canteens.	18	18	18	18
Other Canteens .	2	2	2	2
Vans	3	3	3	3
Dairies	1	1	1	1
Totals:	106	106	82	82

Condemned Foodstuffs.

The following articles of food were condemned during the year:-

- 3 Bottles "Gold Cup" Jaffa Juice.
- 1 - 36 Fluid Ounce Jar "Pixie" Onions.
- 3 x 11lb. 3oz. Tins "Trout Hall" Grapefruit Sections in Syrup.
- 3 x 10oz Tins "Crosse & Blackwell" Luncheon Galantine.
- 2 x 10oz. Tins "Princes" Grapefruit Sections.
- 1 x 16oz. Tin "Ardmons" Bartlett Pears Halves in Syrup.
- 7 x 3½oz. Tins "Travers" Arcadian Rock Lobster.
- 1 x 15oz. Tin "Heinz" Cream of Chicken Soup.
- 1 x 15oz. Tin "Heinz" Cream of Tomato Soup.
- 1 x 10½oz. Tin "Heinz" Cream of Tomato Soup.
- 1 x 2 pint equivalent Tin Carnation Milk.
- 1 x 3½oz. Carton "Kraft" Dairy Lea Cheese Spread.
- 1 x 7oz. Tin "Jaka" Pork Luncheon Meat.

- 1 x 4½oz. Tin "Heinz" Strained Apples.
- 3 x 7oz. Tins "Morning Song" Deep Fried Hamburgers and 2 Veg.
- 1 x 7oz. Tin "Pal" Meat for Dogs.
- 1 x 1oz. Carton White Pepper (Golden Dragon).
- 1 x 1lb. 14oz. Tin "Libby's" Fruit Cocktail in heavy syrup.
- 6 x 1lb. 13oz. Tins "Emperor Brand" Bartlett Pear Halves in heavy syrup.
- 1 x 1lb. 3oz. Tin "Smedleys" Garden Fresh Peas.
- 1 x 15½oz. Tin "Heinz" Cream of Tomato Soup.
- 2 x 1lb. 13oz. Tins "Emperor Brand" Sliced Peaches.
- 1 case "Sanfrusa" Melons.

Food Sampling.

We are grateful to Mr. Owens, Chief Inspector for the County of Denbigh, for particulars of samples taken under the Food and Drugs Act, 1955, in the Rural District, during the year ending 31st December, 1966.

Article	No. taken.	Genuine.	Not Genuine, or Sub-standard.
MILK.	14	11	3
Butter	2	2	-
Meat Pie.	1	1	-
Tinned Vegetables	1	1	-
Apples.	1	1	-
Custard Powder.	1	1	-
Mince-meat.	1	1	-
Cut Peel.	1	1	-
Honey.	1	1	-
Soup. (Packet).	1	1	-
Cough Mixture.	1	1	-
Liquid Paraffin.	1	1	-
Totals:	26	23	3

Of the twenty-six samples submitted, only three received adverse reports. These samples were found to contain extraneous water to such an extent as to warrant legal proceedings being instituted against the seller. The defendant, who pleaded guilty, was fined £1 together with £15. 4s. 6d. costs. In addition to the usual tests for quality, seven of the milk samples submitted were examined for the presence of antibiotics with a negative result in each case. All other samples were certified by the Public Analyst to be genuine and free from all prohibited preservatives and colouring matter.

Poultry Processing Premises.

There are no poultry processing premises within the district.

Milk Supplies - Brucella Abortus.

The sampling of milk supplies to determine whether Brucella Abortus is present forms part of the functions of the Denbighshire County Council, who are the Food and Drugs Authority for the area.

The Council's Public Health Inspectors have been co-operating with the County Public Health Officer in procuring samples of milk from the various milk retailers throughout the district. Arrangements for the analysis of the milk samples and the keeping of records, etc. is undertaken by the Food and Drugs Authority. Action under Section 20 of the Milk and Dairies Regulations had to be taken in one case following notification of cases of Brucellosis in an adjoining Borough. The results of sampling are as follows:-

Number of untreated milk samples taken	27
Number failing Methylene Blue Test	3
Number showing evidence of tuberculosis	Nil
Number showing evidence of brucellosis	1
Number of Pasteurised Milk samples taken	25
Number failing Methylene Blue Test	1
Number failing Phosphatase Test	Nil

It will be noted that the figures relate to the period from the 1st June to the 31st December, 1966. The number of untreated Milk samples taken refers to the source of the milk. The number of Pasteurised Milk samples refers to the place of sampling. The number of untreated milk samples refers to routine samples only and does not include samples taken in following up the one case in which *Brucella Abortus* was isolated.

Ice Cream.

There are no manufacturers of ice cream in the district. 49 premises are registered for the sale of pre-packed ice cream, and vehicles from adjoining districts retail ice cream in the area. Premises were periodically inspected and found to be satisfactory.

Slaughterhouses.

There are no licensed slaughterhouses within the district.

Water Supplies.

The five sources of water formerly owned and maintained by the Council were taken over by the West Denbighshire and West Flintshire Water Board on the 1st April, 1965.

The number of dwelling houses and population supplied from the Water Board's mains are as follows:-

Parish.	No. of dwelling houses supplied by Water Board's Water Mains direct to the houses.	Population.	Dwelling houses served by standpipes.	Population.
Aberwheeler	71	180	3	5
Bryneglwys	62	172	1	1
Clocaenog	53	149	0	0
Derwen	90	264	0	0
Efenechtyd	82	216	0	0
Cyffylliog	49	140	0	0
Llanarmon	306	737	2	4
Llanbedr	161	428	0	0
Llandegla	114	230	1	2
Llanelidan	123	355	0	0
Llandyrnog	252	1070	11	22
Llanfair D.C.	261	724	0	0
Llanferres	191	588	3	6
Llanfwrog	53	203	0	0
Llangynhafal	155	441	0	0
Llanrhaeadr	258	787	0	0
Llanynys	209	584	0	0
Nantglyn	62	145	11	18
	2,555	7,413	32	58

Reports on Water Samples taken during the year.

Samples of mains water are taken regularly from various parts of the district, and sent for bacteriological examination. In this way

the Council are kept constantly informed of the standard of the supplies. All unsatisfactory reports are brought to the attention of the Water Board who have been very co-operative in their endeavours to improve the supplies.

106 samples of mains water were sent for bacteriological examination during the year, and were classified as follows:-

Class 1.	80 samples.
Class 2.	6 samples.
Class 3.	5 samples.
Class 4.	15 samples.

Total: 106 samples.

During the year, 20 samples of raw water from private supplies were taken, and sent for bacteriological examination. All unsatisfactory reports were followed up, and the owners advised as to the steps to be taken to bring about an improvement in their supplies.

The samples were classified as follows:-

Satisfactory for Private Supplies	5 samples.
Containing a small number of Bact. Coli..	6 samples.
Unsatisfactory	9 samples.

Total: 20 samples.

Sewage Disposal.

SEWERAGE AND SEWAGE DISPOSAL SCHEMES

The Sewerage & Sewage Treatment Scheme to serve Bryneglwys is now under construction, and is expected to be completed in August, 1967.

Sewerage arrangements at Penstryt (Llandegla), Loggerheads-Maeshafn-Tafarn-y-gelyn, Pwllglas and Llanellidan are reaching an advanced stage in design, and it is hoped that these contracts will be commenced 1967 - early 1968.

Extensions to the Sewage Treatment Works at Llanbedr, Llanfair and Rhewl-Gellifor are likely to be commenced in 1967-1968.

Sewerage & Sewage Treatment Schemes and Extensions at Derwen, Graianrhyd (Llanarmon Y.I.), Nantglyn, Clawdnewydd, Llandyrnog and Llanferres will be proceeded with when the above-mentioned schemes have been completed or are under construction. Details of flows and samples of effluent taken from the various Disposal Works are set out below:

Location	Design D.W.F. g.p.d.	Estimated present D.W.F. g.p.d.	Number taken	Final Effluent Samples		
				Satisfactory	Border Line	Unsatisfactory
Aberwheeler	12,000	5,500	13	6	3	4
Cyffylliog	4,800	3,200	8	5	-	3
Rhewl-Gellifor	11,740	12,700	2	2	-	-
Llanferres	3,600	3,600	1	-	-	1
Erryrys	3,900	3,180	1	-	-	1
Llandegla	3,600	3,540	1	-	-	1
Llanarmon	7,500	4,200	2	-	1	1
Llanfair	4,350	7,000	1	-	-	1
Graigfechan	3,960	3,240	1	-	1	-
Llanbedr	12,000	8,500	1	1	-	-
Llandyrnog	55,000	73,000 - 120,000	8	5	-	3

Closet Accommodation.

Thirty-one conversions from privies and pail closets to water closets were carried out during the year.

Rodent Control.

The Council has a rodent control service in operation and employs a part-time Rodent Operator, who carries out the practical work of destruction of rats and mice, under the supervision of the Public Health Inspector.

As a general rule, charge is made for this service in respect of treatments of business premises. Private dwellings are treated free of charge.

Caravan Sites.

No new caravan site licences were issued during the year. The various sites were inspected as frequently as possible, and were generally found to be satisfactorily maintained.

The total number of visits to inspect caravan sites was 87.

Refuse Collection.

The Llanrhaeadr tip is now closed and all the refuse collected in the rural district is now disposed of in the Ruthin Borough tip.

Premises and Occupations which can be Controlled by Bye-laws or Regulations.

There are no offensive trades or hop-pickers in the district.

Rag Flock Act, 1951.

There are no premises within the district in which rag is manufactured, used or sold.

Rivers and Streams.

No complaints were received regarding the pollution of rivers or streams.

FACTORIES ACT, 1961.

Prescribed Particulars on the Administration of the Factories Act, 1961.

PART 1 OF THE ACT.

1. - INSPECTIONS for purposes of provisions as to health.

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	Nil	Nil	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	13	17	Nil	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	25	35	Nil	Nil
Total:	38	52	Nil	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)	Nil	Nil	Nil	Nil	Nil
Overcrowding (S.2.)	Nil	Nil	Nil	Nil	Nil
Unreasonable temperature (S.3)	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation (S.4)	Nil	Nil	Nil	Nil	Nil

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)	
Ineffective drainage of floors (S.6)	NIL	NIL	NIL	NIL	NIL
Sanitary Conveniences (s.7)	NIL	NIL	NIL	NIL	NIL
(a) Insufficient	NIL	NIL	NIL	NIL	NIL
(b) Unsuitable or defective	NIL	NIL	NIL	NIL	NIL
(c) Not separate for sexes.	NIL	NIL	NIL	NIL	NIL
Other offences against the Act (not including offences relating to Out-Work)	NIL	NIL	NIL	NIL	NIL
TOTAL.	NIL	NIL	NIL	NIL	NIL

PART VIII OF THE ACT (Contd.)

OUTWORK

(Sections 133 and 134)

Nature of Work	Section 133				Section 134	
	No. of out-workers in August list required by Sect. 133(1) (c)	No. of cases of default in sending lists to the Council.	No. of prosecutions for failure to supply lists.	No. of instances of work in unwholesome premises	Notices served.	Prosecutions.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Paper bags						
The making of boxes or other receptacles or parts thereof made wholly or partially of paper						
Brush making						
Pea picking						
Feather sorting						
Carding, etc., of buttons etc.						
Stuffed toys						
Basket making						
Chocolates and sweetmeats						
Cosaques, Christmas stockings, etc.						
Textile weaving						
Lampshades						
total:						

Nature of work	Section 133			Section 134		
	No. of out-workers in August list required by Sect. 133(1)(c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Wearing) Making apparel) etc.,) Cleaning) and) Washing						
Household linen						
Lace, lace curtains and nets						
Curtains and furniture hangings						
Furniture and upholstery						
Electro-plate						
File making						
Brass and brass articles						
Fur pulling						
Iron and steel cables and chains						
Iron and Steel anchors and grapnels						
Cart gear						
Locks, latches and keys						
Umbrellas, etc.						
Artificial flowers						
Nets, other than wire nets						
Tents						
Sacks						
Racquet and tennis balls						

NIL

Summary and Classification of Visits made
by the Public Health Inspectors.

Visits made under the Public Health and Housing Acts.	1,351
Visits made to inspect drainage work	521
Visits to Council Houses	403
Visits in respect of water supplies.....	251
Visits for Food Inspection	111
Visits to Caravan Sites	87
Visits to investigate cases of infectious disease	33
Disinfections	2
Visits to Factories and Workshops.....	52
Visits to Schools	20

PROVISION OF HEALTH SERVICES IN THE AREA.

Laboratory Service.

The Public Health Laboratory at Conway carries out bacteriological examinations of water, food, etc. to detect any contamination. Milk is also examined bacteriologically and biologically for the presence of tubercle bacilli and brucella abortus.

Examination of throat swabs, blood, faeces, etc. are carried out to detect the presence of bacteria and viruses at Conway and at Rhyl Hospital.

Ambulance Service.

The following is given for the information of the Council, and the numbers refer to cases conveyed by the various ambulances and the mileage covered during the year.

	Denbigh/ Ruthin	Llanrwst.	Llangernyw	Cerrig y Drudion.	Totals.
Number of cases conveyed by ambulance.	12916	66	2358	73	15413
Total miles travelled:	133439	2105	22847	3555	161946
Number of ambulances per station:	6	1	1	1	9
Whether manned by voluntary or full- time personnel.	Full-time.	Voluntary.	Full-time and voluntary assistants.	Voluntary.	

Sitting Case Cars - Taxis.

No. of Journeys	No. of Cases	Total Mileage.
1,943	6,047	75,691

Mental Health Service.

This service is under the supervision of the County Medical Officer of Health. The Mental Welfare Officer for the area is Mr. Michael Watson, who may be contacted at the County Council Clinic, Mount Street, Ruthin. Tel. No. Ruthin 2361.

Orthopaedic Clinics.

A clinic is held at the Clinic, Middle Lane, Denbigh, on the first and third Wednesday morning in each month. Surgeons from Gobowen

Orthopaedic Hospital attend once a month.

Patients from the Rural District also attend Orthopaedic Clinics held weekly at Wrexham and Rhyl hospitals.

Venereal Diseases Clinics.

These clinics are held at H.M. Stanley Hospital, St. Asaph, on Tuesdays between 4.30 and 6.30 p.m. and at the War Memorial Hospital, Wrexham, on Mondays between 5 and 7 p.m. (males) and Wednesdays between 5 and 7 p.m. (females).

School Ophthalmic Clinics.

Sessions are held at the Clinic, Middle Lane, Denbigh, by appointment, and children also attend ophthalmic clinics held at Denbigh, St. Asaph, and Wrexham hospitals, and locally at Ruthin.

Child Guidance Clinics.

Clinics are held as follows:-

- At Bod Difyr, Cefn Road, Colwyn Bay, on Wednesdays and Fridays.
- At Gatefield Clinic, King's Mills Road, Wrexham, on Thursdays and by appointment on Fridays.
- At Mercier House Clinic, Russell Road, Rhyl, every Monday.

Chest Clinics.

Patients attend Chest Clinics held every Wednesday morning at the Denbigh Infirmary and at the weekly clinics held at the Chest Clinic, Grosvenor Road, Wrexham, and at the Royal Alexandra Hospital, Rhyl.

Family Planning Clinics.

Clinics are held as follows:-

- 1, Grosvenor Road, Wrexham, on Thursdays, between 2 and 4.30 p.m.
- Nant-y-Glyn Clinic, Colwyn Bay, on Mondays between 2.30 and 3.30 p.m.
- The Clinic, Fforddlas, Rhyl, on Wednesdays, between 7 and 8 p.m.

Infant Welfare Clinics.

No Infant Welfare Clinics are held in the Rural District, but mothers attend with their babies at clinics held at Ruthin every Tuesday afternoon and at Denbigh every Wednesday afternoon. The following figures show the attendance at these clinics during the year and include babies from other areas, i.e. Denbigh and Ruthin Borough and Aled Rural District.

	Ruthin	Denbigh
First attendance: Children born in 1966	81	102
Children born in 1965	93	104
Children born 1964/61	105	129
Total Attendances: Under 1 year:	765	971
Ages 1 - 5 years:	295	695

Special transport to the Clinic at Ruthin is provided from the outlying districts of Llanarmon Yn Ial, Llanferres and Maeshafn where there are no convenient buses. The number of mothers and babies who took advantage of this service was 10 mothers and 15 babies.

Welfare foods are available during the clinic sessions at Ruthin and Denbigh, and are also available at the following depots in the Rural district:-

Mr. Thomas, Post Office, Cyffylliog.
Mrs. Williams, Canol-y-Cae, Eryrys. (Sale discontinued on 31.3.66.)

Chiropody Clinics.

These clinics are held at the Clinic, Middle Lane, Denbigh, and at the County Council Clinic, Mount Street, Ruthin, by appointment. Patients are referred to these clinics by General Practitioners, Health Visitors and District Nurses. A charge of 2/6d per treatment is made. The number of persons who attend at these clinics during the year was as follows:-

	<u>Denbigh.</u>	<u>Ruthin.</u>
Number on Register.	87	78
Number of sessions held.	49	31
Number of appointments made.	252	173
Number of attendances.	190	123

Dental Clinics.

A dental clinic for mothers, toddlers and school children is held at the County Council Clinic, Mount Street, Ruthin, by appointment. Children may be referred by General Practitioners, School and Assistant County Medical Officers and Health Visitors. Dental Officers visit the schools to examine children's teeth and appointments are made for them to attend the clinic for treatment.

The Orthodontist attends to treat children referred to him by appointment.

Nursing Services.

The following are the names and addresses of the nursing staff serving the district:-

Health Visitors:-

Miss C. J. Davies and Miss E. Edwards, County Council Clinic, Mount Street, Ruthin. Telephone No. Ruthin 2361.
Miss S. C. Evans, Miss O. M. Hobson and Miss J. B. Angwin, The Clinic, Middle Lane, Denbigh. Telephone No. Denbigh 2789.

Tuberculosis Health Visitors:-

Miss M. Thomas, 21, Severn Road, Colwyn Bay, resigned 31:3:66.
Miss E. Leach Jones, Bryn Cwyr, Phyl Road, Rhuddlan, Telephone No. Rhuddlan 372. Commenced 1:4:66.
Miss M. Lloyd Edwards, The Chest Clinic, Grosvenor Road, Wrexham. Telephone No. Wrexham 4242.

District Nurses:-

Sister M. Williams, Min-y-Coed, Rhewl. Telephone No. Ruthin 2754.
Sister L. I. Jones, Frondeg, Eryrys, Mold. Telephone No. Llanarmon-yn-Ial 640.
Sister M. J. Holland, Arfryn, Clawddnewydd. Telephone No. Clawddnewydd 203.
Sister E. Owen, Flat 3, 20, Clwyd Street, Ruthin. Telephone No. Ruthin 2642. Commenced duties 7:10:66.

Relief District Nurses:-

Sister M. J. Jones, Annedd Wen, Nantglyn. Telephone No. Nantglyn 225.
Sister Dowell, 23, Park Road, Ruthin. Telephone No. Ruthin 2489. commenced duty 5:9:66.

School Health Attendant.

The School Health Attendant visited various schools in the rural district during the year to test the hearing and vision of the children.

A portable audiometer and vision screening apparatus was used, and children who were found to have defective hearing and/or vision were followed up and referred to a Consultant for further examination where necessary.

The number of children tested during the year was as follows:-

<u>Vision Sweeps</u>		<u>Audiometric Sweeps</u>	
Number of children tested	955	Number of children tested	1287
Number found to be satisfactory	934	Number found to be satisfactory.	1259
Number of defects	21	Number of defects	28
Number for observation	3	Number for observation	10

Domestic Help Service.

The number of cases where domestic help was provided was as follows:-

Chronic sick and T.B.	14
Mentally disordered	6
Others	11
Over 65 years of age	75

