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**Contributors**

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**BOROUGH OF DENBIGH**



**ANNUAL**

# **HEALTH REPORT**

**1958**



**Medical Officer of Health:**

**M. JONES ROBERTS, M.B., Ch.B., D.P.H.**  
The Clinic, Middle Lane, Denbigh.  
Tel. No. Denbigh 289.

**Public Health Inspector:**

**TREVOR H. ALDRICH, M.A.P.H.I., A.R.S.H.,**  
Council Offices, Whitehall, Denbigh.  
Tel. No. Denbigh 471/472.



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BOROUGH OF DENVER



ANNUAL

# HEALTH REPORT

1928



Division of Health

ALFRED ROBERTS, M.D., CHIEF  
The City and County of Denver  
1515 Broadway

Public Health Department

PREPARED BY ALFRED ROBERTS, M.D., CHIEF  
The City and County of Denver  
1515 Broadway



## TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE BOROUGH OF DENBIGH

---

Mr. Mayor, Aldermen and Councillors,

I have pleasure in presenting the Annual Report for the year 1958.

The Public Health Inspector and I wish to thank you, Mr. Mayor, The Chairmen and Members of the Council and the various Committees for all the assistance we have received during the year and we would thank the other Officials and members of the staff for their ready assistance at all times.

Yours faithfully,

M. JONES ROBERTS,

Medical Officer of Health.

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The Mayor of the Council and the Chairman of the various Committees during the year were as follows:

Mayor of the Borough—January—May, 1958—Ald. John Jones.  
June to December, 1958—Ald. R. Freeman Evans,

Chairmen of the Public Health Committee—  
January—May 1958—Ald. Eunice M. Evans.  
June to December, 1958—Ald. Emrys Roberts.

Chairmen of the Housing Committee—  
January—May, 1958—Clr. D. Basil Evans.  
June to December, 1958—Clr. I. L. Watkins.

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## GENERAL STATISTICS OF THE BOROUGH

Area of Borough .....	9,072 (acres)
Registrar General's estimated population (Mid 1958) .....	7,900
Rateable Value .....	£72,817
Sum represented by a penny rate .....	£280

The estimated population of the Borough during the year was 7,900 compared with 7,850 in 1957, an increase of 50.

## DEATHS

Comparability Factor ..... 0.37

	England & Wales		
	1958.	1957.	1958.
Crude death rate (per 1,000 population) .....	11.7	27.13	23.29
Corrected death rate (per 1,000 population) .....	—	13.02	8.62
Still Birth rate (per 1,000 population) .....	—	0.38	0.38
Still Birth rate (per 1,000 live and still births) .....	21.6	26.09	23.07
Maternal Mortality rate .....	0.86	Nil.	Nil.
Infant Mortality rate (per 1,000 live births) .....	22.5	26.79	15.3
Infant Mortality rate (per 1,000 live births)			
Legitimate .....	—	—	15.62
Infant Mortality rate (per 1,000 live births)			
Illegitimate .....	—	—	Nil.
Neo-natal Mortality rate (per 1,000 live births)			
First 4 weeks .....	16.2	—	7.69

The three last rates are given for the first time and, therefore, there are no rates for 1957 for comparison.

The following table shows the number of deaths which occurred during the year. The number of deaths which occurred in 1957 are shown in the first column for comparison.

	1957	1958		
	Total.	Total.	Males.	Females.
Poliomyelitis .....	—	—	—	—
Tuberculosis—Respiratory .....	10	2	1	1
Tuberculosis—Other .....	—	—	—	—
Syphilitic Diseases .....	—	—	—	—
Diphtheria .....	—	—	—	—
Whooping Cough .....	—	—	—	—
Meningococcal Infections .....	—	—	—	—
Measles .....	—	—	—	—
Other infective and parasitic diseases	—	—	—	—
Malignant Diseases:				
Stomach .....	5	7	2	5
Lungs, Bronchus .....	2	2	2	—
Breast .....	1	2	—	2
Uterus .....	—	1	—	1
Other .....	15	13	6	7
Total Cancer deaths .....	23	25	10	15
Leukaemia .....	2	1	1	—
Diabetes .....	1	—	—	—
Vascular lesions of the nervous system	36	31	10	21
Coronary diseases .....	25	32	22	10
Hypertension with heart diseases .....	9	1	1	—
Other heart diseases .....	52	34	4	30
Other circulatory diseases .....	5	8	5	3
Influenza .....	4	1	—	1
Pneumonia .....	8	11	8	3
Bronchitis .....	5	7	6	1
Other respiratory diseases .....	2	1	1	—
Ulcer of stomach, etc. ....	2	—	—	—
Gastritis, diarrhoea, etc.....	2	—	—	—



Nephritis, nephrosis, etc. ....	4	2	1	1
Prostatic hyperplasia .....	2	4	4	—
Maternal causes .....	—	—	—	—
Congenital malformations .....	—	—	—	—
Other defined and ill-defined diseases	18	16	7	9
Motor vehicle accidents .....	—	1	—	1
All other accidents .....	2	5	—	5
Suicide .....	1	2	—	2
Homicide .....	—	—	—	—
ALL CAUSES .....	213	184	81	103

The deaths occurred in the following age groups:—

	Total.	Males.	Females.
Under 1 year .....	2	2	—
1—10 years .....	—	—	—
10—20 years .....	1	1	—
20—30 years .....	3	2	1
30—40 years .....	—	—	—
40—50 years .....	10	3	7
50—60 years .....	17	11	6
60—70 years .....	39	18	21
70—80 years .....	66	31	35
80—90 years .....	36	10	26
90 years and over .....	10	3	7
Total .....	184	81	103

There were 184 deaths during the year compared with 213 the previous year, giving a death rate of 23.29 compared with 13.02 in 1957. Of these deaths, 151 occurred in persons aged 60 years and over.

Of these 184 deaths, 99 (39 Males and 60 Females) occurred at the North Wales Counties Hospital, Denbigh.

Deaths from tuberculosis numbered 2 compared with 10 the previous year.

Eleven deaths were due to pneumonia compared with 8 in 1957 and deaths from bronchitis numbered 7 compared with 5 the previous year. There was one death due to influenza compared with 4 in 1957.

There were no deaths from any other notifiable infectious diseases.

Deaths from cancer totalled 25 compared with 23 the previous year. Of these, 2 were due to cancer of the lungs.

Deaths due to vascular lesions, lesions of the heart, and lesions of the circulatory system totalled 106 compared with 127 the previous year. Of these, 32 were due to coronary disease compared with 25 in 1957.

There were 2 suicidal deaths compared with 1 in 1957.

Deaths from accidents totalled 6. Of these, 1 was due to a road accident, the remainder were due to other accidents. These were:—

- (a) A person aged 83 years who died of cardio vascular degeneration and fracture of neck of femur sustained by a fall to the floor in a hospital ward.



- (b) A person aged 83 years who died of broncho pneumonia which followed a fracture of the neck of femur sustained in a fall in a hospital ward.
- (c) A person aged 78 years who died of cardiac failure. This patient also had a fractured femur but there was no evidence to show how the fracture and occurred.
- (d) A person aged 88 years who died of myocarditis. This patient had a fractured femur sustained in a fall to the floor in a hospital ward.
- (e) A person aged 88 years who died of broncho pneumonia associated with senility. This patient had also fractured the neck of the femur in a fall to the floor in a hospital ward.

## **ACCIDENTS IN THE HOME**

During November, a National "Guard that Fire Campaign" was held and in Denbighshire, prevention of accidents in the home generally were brought into the Campaign. As it was impossible to have an exhibition in each area, it was decided to hold one at Denbigh to cover the Western No. 2 Area. Pamphlets were distributed through the Women's Institutes, schools, clinics, etc. and posters were displayed. Talks on the subject were given at various centres. A competition was held for the children who were asked to spot defects in a "Careless Cottage". The Press very kindly published this picture and thanks are due to them, to the Iron-mongers in the district who so kindly gave the prizes and to the various business premises for displaying posters, fireguards, etc.

It is hoped that the general public will realise that accidents in the home can be prevented.

## **STILL BIRTHS**

The Still Birth Rate was 23.07 compared with 26.09 for 1957 and 21.6 for England and Wales. The actual number of still births was 3 compared with 3 the previous year.

## **INFANT DEATHS**

The Infant Mortality Rate was 15.3 compared with 26.79 in 1957 and 22.5 for England and Wales. The actual number of infant deaths was two compared with 3 the previous year.

One death occurred in a male child aged 2 days and was due to intra alveolar haemorrhage and prematurity. The home conditions were satisfactory and death appears to have been unavoidable.

The other death occurred in a male child aged 5 weeks and was due to acute broncho pneumonia and acute bronchitis. The home conditions were satisfactory and death appears to have been unavoidable.

## **MATERNAL MORTALITY RATE**

There were no maternal deaths during the year giving a Maternal Mortality Rate of NIL the same as in 1957 and compared with 0.86 for England and Wales.

## BIRTHS

Comparability Factor ..... 1.24  
 Actual number of births registered..... 212 (102 Males and 110 Females).  
 Number of births relating to residents... 130 (58 Males and 72 Females).

The discrepancy in the figures is due to the fact that mothers from the area go to hospitals outside the area for the birth of their babies.

These births were classified as follows:—

	Males.	Females.	Total.
Legitimate .....	58	70	128
Illegitimate .....	—	2	2

  

	England and Wales.	
	1958	1957
Crude birth rate (per 1,000 population)	16.4	14.27
Corrected birth rate (per 1,000 population)	—	17.69
Illegitimate live births per cent of total live births .....	—	—
		1.5

## INFECTIOUS DISEASES

The following table shows the number of cases of infectious diseases notified during 1958, arranged in the various age groups. The number of cases notified during 1957 is given in the first column for comparison.

Notifiable Disease.	At Ages.								
	1957 Total.	1958 Total.	Under 1 year.	1—5 years.	6—15 years.	16—25 years.	26—45 years.	46—65 years.	65 years and over.
Whooping Cough .....	17	—	—	—	—	—	—	—	—
Scarlet Fever .....	3	1	—	1	—	—	—	—	—
Measles .....	2	259	6	145	99	—	1	1	7
Pneumonia .....	6	4	—	—	—	1	—	1	2
Erysipelas .....	1	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis .....	10	10	—	—	1	1	2	4	1
Non-Pulmonary Tuberculosis .....	5	6	—	—	—	1	1	4	—
Totals .....	44	280	6	146	100	3	4	10	3



The total number of cases of infectious diseases (including tuberculosis) notified during the year was 280 compared with 44 cases notified in 1957.

No cases of whooping cough were notified compared with 17 cases in 1957.

Four cases of pneumonia were notified compared with 6 cases the previous year. These cases all occurred at the North Wales Counties Hospital, Denbigh.

There were 259 cases of measles notified compared with only 2 cases in 1957. Of these 259 cases, 145 occurred in the 1—5 years of age group and 99 cases in the 6—15 years group.

One case of scarlet fever was notified compared with three cases the previous year. This occurred in a child aged 5 years.

No cases of erysipelas were notified during the year compared with one case in 1957.

Sixteen cases of tuberculosis (10 pulmonary and 6 non-pulmonary) were notified during the year compared with 15 cases (10 pulmonary and 5 non-pulmonary) notified in 1957. Two of the 10 cases of pulmonary tuberculosis were notified from the North Wales Counties Hospital (one of them on the death returns as the disease was diagnosed during post mortem examination).

The lesion in respect of the 6 cases of non-pulmonary tuberculosis were in the glands of the neck (4 cases), genito urinary system and leg (calf).

Four other cases of pulmonary tuberculosis were added to the register during the year, the patients having come to reside in the Borough from other areas (three were admitted to the North Wales Counties Hospital).

23 cases (16 pulmonary and 7 non-pulmonary) were removed from the tuberculosis register during the year, 10 patients having gone to reside in other areas, 5 recovered, 7 died (the primary cause of death in 5 of these cases was not tuberculosis) and one was entered twice on the register (she had been notified twice).

Thirteen cases of tuberculosis were admitted to hospitals or sanatoria during the year and 15 cases were discharged.

The following table shows the number of cases of tuberculosis on the register at the beginning and at the end of 1958.

	Pulmonary.		Non-Pulmonary		Total.
	Males.	Females.	Males.	Females.	
Number on register on 1st January, 1958 .....	71	44	9	11	135
Number on register on 31st December, 1958 ...	*67	*43	8	*14	132

\* These figures include 46 cases of pulmonary tuberculosis (40 Males and 6 Females) and one case of non-pulmonary tuberculosis (Female) at the North Wales Counties Hospital, Denbigh.

During the year, the Public Health Inspector made 16 visits in connection with cases of infectious diseases.



## PREVENTION OF INFECTIOUS DISEASES

### DIPHTHERIA AND WHOOPING COUGH

Injections are still given in the combined form to immunise children against these two diseases. The injections are given (three at monthly intervals) from the age of 3 months. Booster injections against diphtheria are given when a child commences school and again when he is aged about 10 years.

It is still most important that all children should be immunised against diphtheria if this dreaded disease is not to return. In Wales in 1948, there were 190 cases of diphtheria notified with 7 deaths and in 1957, there were only 27 cases notified with only 1 death.

There are also fewer notifications of whooping cough and this disease appears to be much more mild.

The number of children immunised against these diseases during the year was as follows:

Number immunised against diphtheria and whooping cough combined:—

Under 5 years .....	69
Over 5 years .....	2

Number immunised against diphtheria only:—

Under 5 years .....	4
Over 5 years .....	NIL.
Booster injections .....	95

These figures were given by the County Medical Officer.

### SMALLPOX

Babies are vaccinated against smallpox from the age of 2 months. Vaccination in the older age groups is usually because the person concerned is going abroad.

The number of vaccinations carried out during the year was as follows:—

Number of primary vaccinations .....	107
re-Vaccinations .....	15

These figures were given by the County Medical Officer.

### POLIOMYELITIS

Everyone aged from 6 months to 25 years of age, expectant mothers, ambulance staff, nurses, etc., can now be vaccinated against poliomyelitis. From the beginning of 1959, the special group, i.e. persons not attending school, will be able to attend at special evening sessions arranged at various centres according to the demand. The times of these clinics will be advertised in the Press and it is up to the individual person to attend. It is hoped that persons in this age group will take advantage of this as the Medical Officers and Health Visitors are giving up their free time to stay on at the clinics. Consent cards may be obtained from the clinics, general practitioners, the County Medical Officer or the District Medical Officer. All persons under 21 years of age will need their parent's consent in writing before the injections can be given.

The number of children who were vaccinated against poliomyelitis during the year was as follows:—

Number received 1st injection .....	871
Number received 2nd injection .....	743
Number received 3rd injection .....	231

These figures were given by the County Medical Officer.



## TUBERCULOSIS

No B.C.G. vaccinations were carried out in schools during the year.

The Mass Radiography Unit visited the Denbigh Infirmary once every three weeks throughout the year. The Unit was open from 10.30 a.m. to 12 noon: 2—4 p.m. and 5—7 p.m. The attendances at the Unit were very disappointing and unless there is an improvement, there is a danger that the Service may be withdrawn to another area where fuller use would be made of it. There is no significant risk of any radiation hazard involved through having the chest X-rayed by any Unit of this Service and the use of the Service does enable certain diseases to be diagnosed in their early stages and early treatment is naturally followed by an early cure.

The following tables show the number of persons (including school children) who attended for X-ray examination together with the details of abnormalities found. These figures also include residents from the surrounding rural districts who attended for examination.

Number of visits made by the Unit during 1958 ...	16
Number of attendances .....	255

### ANALYSIS SHOWING TYPE OF EXAMINEE

General Population (Voluntary) .....	137
Referred by General Practitioners .....	16
National Service Recruits .....	23
Civil Service and L.G.O.'s .....	13
Schoolchildren .....	6
Teaching Staff .....	11
Students .....	3
Contacts .....	2
Hospital Staff .....	37
Factory Groups .....	7
Total .....	<hr/> 255

### ABNORMALITIES FOUND

Number referred for further investigations .....	11
Other pulmonary abnormalities (not requiring further observation) .....	7
Total .....	<hr/> 18

### CARE OF THE AGED

Several visits were paid to aged persons requiring care and attention. Often these old people were brought to our notice and in many instances the conditions were bad due to the fact that those concerned were physically or mentally handicapped and were unable to look after themselves. With the assistance of the Health Visitors and the District Nurses a great deal has been done to help these people. Often, after the house had been cleaned by a home help, the home was more comfortable and it was possible for the aged to remain in their own home.

In some instances, action under Section 47 of the National Assistance Act, 1948, would have had to be taken, but the person concerned went to a Home voluntarily.



## HOUSING — SLUM CLEARANCE

Further progress was made by the Council during the year to re-house families in the Slum Clearance programme.

The 14 houses at Clwyd Avenue were completed and these houses together with properties in existing housing estates were used to re-house some of the slum clearance families. Use was also made by the Council of a system of transfer whereby slum clearance families, when necessary, were re-housed in larger existing houses from which voluntary transfers were made to smaller houses.

## IMPROVEMENT GRANTS

During the year, the Council re-considered their policy with regard to making improvement grants and it was decided to make such grants whenever they were warranted.

No improvement grants were made during 1958.

## FOOD PREMISES

The number of food premises in the area comprises the following businesses, etc.:—

Shops .....	69
Bakehouses .....	7
Public Houses .....	17
Cafes .....	10
School Canteens .....	7
Other Canteens .....	1
Sausage Manufacturers .....	10
Registered Dairies .....	3
Slaughterhouses .....	4

Frequent visits were made to these premises during the year and the conditions were found to be fairly satisfactory.

The following food was found to be unfit for human consumption and was destroyed by burial at the Council Tip after surrender by shopkeepers:—

Ham	111lb. 5ozs.	Peas	50lbs. 7ozs.
Fish	21lbs. 0ozs.	Beans	12lbs. 12ozs.
Luncheon Meat	17lbs. 8ozs.	Tomatoes	60lbs. 11ozs.
Tongues	8lbs. 4ozs.	Pudding	10½ozs.
Corned Beef	55lbs. 0ozs.	Cocoa	8ozs.
Spaghetti	5lbs. 4ozs.	Fruit Juice	25lbs. 1oz.
Soup	26lbs. 13ozs.	Celery	1lb. 11ozs.
Fruit	371lbs. 8ozs.	Pickled Onions	4lbs. 14ozs.
Cream	1lb. 6ozs.	Veg. Salad	1lbs. 8ozs.
Evaporated Milk	71 pints.	Carrots	4lbs. 12ozs.
Steak	4lbs. 0ozs.	Potatoes	7 cwt.
Bacon	79lbs. 10ozs.	Pastilles	16 tins.
Corn Flakes	13lbs. 8ozs.		



## ICE-CREAM

No. of premises registered for the sale of pre-packed ice cream .....	31
No. of premises registered for manufacture and sale of ice cream .....	1

The above premises were regularly visited during the year and 12 samples were submitted for bacteriological examination, all of which were reported to be satisfactory.

## MILK

The milk supplied to premises and schools in the Borough was regularly sampled:—

No. of samples examined .....	14
Tuberculin tested .....	2
T.T. (Pasteurised) .....	3
Pasteurised .....	7
Sterilised .....	2

All these samples were reported to be satisfactory.

The following report was received from Mr. T. H. Evans, Chief Inspector for the County of Denbigh under the Food and Drugs Act, 1955.

Article.	No. Taken.	Genuine.	Not Genuine, or Sub-standard.
Milk .....	11	11	—
Butter .....	1	1	—
Margarine .....	1	1	—
Sausages .....	2	2	—
Jam .....	1	1	—
Double Cream .....	1	1	—
Ice Cream .....	1	1	—
Beer .....	1	1	—
Whiskey .....	1	1	—
Aspirin Tablets .....	1	1	—
Cod Liver Oil .....	1	1	—
<b>TOTALS .....</b>	<b>22</b>	<b>22</b>	<b>—</b>

All the samples were certified by the Public Analyst to be genuine and free from all prohibited preservatives and colouring matter.

## SLAUGHTER OF ANIMALS

Animals slaughtered for human consumption and inspected at the four slaughterhouses during the year were as follows:—

	Cattle.	Cows.	Calves.	Sheep.	Pigs.
Number killed .....	1,198	540	349	13,798	3,008
Number inspected .....	1,198	540	349	13,798	3,008
All diseases except Tuberculosis and Cysticerci Whole carcasses .....	5	15	9	119	12
Carcasses of which a part or organ condemned .....	126	38	12	315	26
% of number inspected affected with disease other than T.B. or Cysticerci ...	10%	10%	6%	3.0%	1.0%
Tuberculosis or whole carcasses .....	2	3	2	—	—
Parts of carcasses .....	23	40	1	—	41
% .....	2%	8%	1%	—	1.3%
Cysticerci .....	—	—	—	—	—

No horses were slaughtered in the Borough.

The figures given above with respect to the incidence of tuberculosis in cattle and cows are high due to an arrangement with the Ministry of Agriculture, Fisheries and Food, by which reactors were brought to a slaughterhouse in the Borough for slaughter.

## WATER SUPPLIES

The town is supplied by the Denbigh Water Co. The water is obtainable from a bore hole, is hard and is chlorinated before delivery.

The following samples were sent for bacteriological examination during the year:—

Name of supply.	No. of samples taken.	Results.
Denbigh Water Co. ....	6	All satisfactory.
Henllan Village Supply .....	7	All satisfactory.
County Council Smallholdings Supply .....	5	3 satisfactory and 2 unsatisfactory.
Glyn Well Water Supply .....	4	3 satisfactory and 1 unsatisfactory.
Other well water (private supplies) .....	13	5 satisfactory and 8 unsatisfactory.
Mental Hospital Supply (untreated) ..	5	All satisfactory.
Ystrad Isaf Cottages .....	2	All satisfactory.

## REFUSE COLLECTION AND DISPOSAL

Arrangements for the collection and disposal of refuse is the same as reported in 1957.



## GENERAL

Visits to premises and inspections carried out in the course of the year were as follows:—

Food premises (including slaughterhouses) .....	1099
Public Health Act duties .....	847
Factories .....	39
Housing inspections .....	337
Shops Act inspections .....	39
Rodent control visits .....	72
Infectious diseases .....	6
Petroleum Act inspections .....	4
Rent Act visits .....	15
Agriculture Safety, Health and Welfare Regula- tions .....	3

## SEWERAGE AND SEWAGE DISPOSAL

The area is served by three Sewerage Systems and Sewage Disposal Works and a brief comment on each is given below by Mr. R. G. Hughes, the Surveyor.

### (i) SEWAGE DISPOSAL WORKS AT EGLWYSWEN

STATISTICS FOR YEAR ENDING 31st DECEMBER, 1958.

Total quantity of crude sewage treated ...	192,017,000 gallons.
Average quantity treated for 24 hours ...	526,000 gallons.
No. of samples of final effluent forwarded to Public Analyst .....	11
Average B.O.D. value in parts per 100,000 .....	1.7.
Average Suspended Matter in parts per 100,000 .....	2.1

The average daily flow of crude sewage shows an increase of approximately 19% on the previous year's working and this is mainly due to infiltration and sub-soil water gaining access to the sewers and increased flows in a number of branch combined storm and foul water sewers. Some progress has been made during this year in reducing the number of storm water connections to sewers on the combined system and investigations are continuing along these lines.

Sludge drying on open-air lagoons has been very slow this year due to some degree no doubt to the climatic conditions and the matter has caused some concern. The disposal of the dried product to local farmers has been disappointing and a greater response will be required in future years.

All samples of final effluent were of a satisfactory standard for discharge into the water course and intermediate sampling for testing in the Works Laboratory was continued during the year.

### (ii) HENLLAN SEWERAGE AND SEWAGE DISPOSAL WORKS

STATISTICS FOR YEAR ENDING 31st DECEMBER, 1958.

No. of samples of final effluent forwarded to Public Analyst	3
Average B.O.D. value in parts per 100,000 .....	1.5
Average Suspended Matter in parts per 100,000 .....	2.0



All samples of final effluent were of a satisfactory standard for discharge into the water course and the Sewage Disposal Works and sewerage system generally operated most satisfactorily during the year.

### **(iii) THE GREEN SEWERAGE AND SEWAGE DISPOSAL**

The small works at the Green operating on the principle of settlement tanks and surface irrigation has functioned satisfactorily during the year although the Final Stage of the two stage plant to improve the layout of the distribution channels was not carried out as hoped. The final stage will be undertaken in 1959.

## **FACTORIES ACT, 1937—1948**

The factories in the Borough have been inspected. Minor contraventions of the Act where found were dealt with at the time in an informal manner.

No outworkers are registered under Section 110—111 of the Act.

# **FACTORIES ACT, 1937 AND 1948**

## **PART I OF THE ACT.**

1 Inspection for purposes of provision as to health (including inspections made by Public Health Inspectors.

Premises. (1)	M/c line No. (2)	Number of Register. (3)	Inspec- tions. (4)	Written Notices. (5)	Number of Occupiers prosecuted. (6)	M/c line No. (7)
(i) Factories in which Section 1, 2, 3, 4, and 6 are to be enforced by Local Authorities .....	1	9	9	—	—	1
(ii) Factories not included in (1) in which Section 7 is enforced by the Local Authority .....	2	43	27	1	None	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	3	3	—	—	3
<b>TOTAL .....</b>		55	39	1	None	



# RAINFALL AT DENBIGH MENTAL HOSPITAL GARDENS

YEAR ENDED 31st DECEMBER, 1958.

RAIN GUAGE: Diameter of Funnel, 5 ins; height above Ground, 1 foot, Above Sea level 316 feet

Date.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.	0.28	—	—	—	—	0.52	0.67	0.12	—	—	0.15	—
2.	0.18	0.03	—	—	—	0.76	0.28	—	—	0.12	0.47	—
3.	0.08	0.06	—	—	—	—	0.09	0.04	0.95	0.27	—	0.02
4.	0.18	0.20	—	—	—	—	—	—	0.10	0.28	0.18	—
5.	0.14	—	0.14	—	0.04	—	—	0.06	—	0.40	0.06	—
6.	0.04	—	0.17	—	0.08	0.16	—	0.02	0.32	0.25	0.11	—
7.	0.19	0.47	0.04	0.15	0.04	—	—	0.12	—	0.34	0.03	0.16
8.	0.04	—	0.14	—	0.32	0.63	—	0.10	0.11	0.04	0.06	0.28
9.	0.06	0.43	0.06	0.02	0.30	0.16	—	0.03	—	—	0.04	—
10.	0.17	0.21	0.04	—	0.26	0.26	—	0.30	—	—	—	0.15
11.	0.10	0.16	0.16	—	0.30	0.08	—	0.24	—	0.12	0.10	—
12.	—	0.15	0.34	—	0.04	—	0.08	0.04	—	0.11	0.15	—
13.	—	0.02	—	—	0.12	—	0.12	0.25	—	—	0.02	—
14.	0.10	0.04	—	0.02	0.04	—	0.32	0.08	0.48	—	0.01	—
15.	—	0.21	—	—	0.12	—	0.03	0.15	—	0.11	—	0.06
16.	0.04	—	—	—	—	—	0.12	—	—	—	—	0.01
17.	0.02	—	—	0.06	—	—	0.04	—	—	—	—	0.18
18.	0.25	0.06	—	—	0.03	0.12	—	0.17	0.10	—	—	—
19.	0.03	0.04	—	—	—	0.16	0.10	0.58	0.27	0.01	—	—
20.	0.15	0.10	—	—	0.08	0.14	—	0.65	0.08	—	—	—
21.	0.12	0.48	—	—	0.03	0.05	0.46	0.36	0.21	—	—	—
22.	0.32	0.28	—	—	0.18	—	0.01	0.03	0.04	0.06	—	—
23.	0.20	0.08	—	0.05	0.06	0.26	0.02	—	0.27	0.04	0.04	—
24.	—	0.83	—	—	—	0.22	0.24	0.16	0.02	—	—	—
25.	0.06	0.02	0.18	0.07	—	0.06	—	—	—	—	—	—
26.	—	0.03	0.06	0.08	—	0.08	0.02	—	—	—	—	0.12
27.	0.03	—	—	—	—	0.09	0.35	0.04	—	—	0.01	—
28.	—	—	0.09	—	0.02	0.04	0.02	0.02	0.31	—	—	—
29.	0.03	—	—	—	—	—	0.18	—	0.06	0.03	—	—
30.	—	—	—	—	0.05	0.07	0.10	—	0.43	—	—	0.72
31.	—	—	—	—	0.06	—	0.12	—	—	—	—	0.03
	2.81	3.90	1.42	0.45	2.17	3.86	3.37	3.56	3.75	2.18	1.43	1.73

Signature: S. L. FROST.



## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

### LABORATORY SERVICE

The Public Health Laboratory is at Conway, and samples of water, milk and ice-cream are sent there for bacteriological examination. Other types of bacteriological examinations are also carried out there to aid in the diagnosis of illness, e.g. food poisoning, scarlet fever, meningitis, etc.

### AMBULANCE SERVICE

This service is controlled by the County Medical Officer of Health at Wrexham, but Denbigh Llanrwst and Llangernyw ambulances are under the jurisdiction of the Ambulance Sub-Station at Colwyn Bay.

There are five ambulance stations in the Western No. 2 Health Area situated at Denbigh, Ruthin, Llanrwst, Llangernyw and Cerrig-y-Drudion, with one ambulance at each station. Three stations, i.e. Ruthin, Llanrwst and Cerrig-y-Drudion are manned by voluntary personnel, but at Denbigh and Llangernyw, full time drivers are employed. To supplement the ambulances, use is made of voluntary drivers of the W.V.S. Hospital Car Service and local taxi proprietors for the conveyance of sitting cases. Ambulances for the conveyance of infectious cases are sent from the hospitals concerned at Wrexham and Colwyn Bay.

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.

Name of Ambulance Station.	Denbigh	Ruthin	Llanrwst	Llangernyw	Cerrig-y-Drudion	Totals
Number of cases	1,964	471	93	1,642	71	4,241
Total Mileage	28,639	10,087	3,660	24,926	3,218	70,530

### SITTING CASE CARS

Taxis			W.V.S.		
No. of Journeys	No. of Cases	Total Mileage	No. of Journeys	No. of Cases	Total Mileage
1,416	3,955	66,795	300	1,009	18,703

The W.V.S. Hospital Car Service was discontinued at the end of September.

These figures were given by the County Medical Officer.

### MENTAL HEALTH SERVICE

This service is under the supervision of the County Medical Officer of Health at Wrexham.

### ORTHOPAEDIC CLINICS

A clinic is held at the Clinic, Middle Lane, Denbigh, on the first and third Wednesday mornings in each month. Surgeons from the Gobowen Orthopaedic Hospital attend this clinic once every two months.

Patients from the Borough also attend Orthopaedic Clinics held weekly at the Rhyl Hospital.



## VENEREAL DISEASES CLINICS

These clinics are held at hospitals in Llandudno, Wrexham, Chester, Bangor and St. Asaph.

## TUBERCULOSIS CLINICS

Patients attend the Chest Clinic which is held weekly (on Wednesday mornings) at the Denbigh Infirmary.

## ANTE-NATAL CLINICS

This clinic is held at the Clinic, Middle Lane, Denbigh, on alternate Wednesday mornings and the Consultant sees cases referred from the routine clinic or by the patient's own doctor on alternate Friday mornings.

Patients from Ruthin Borough and Aled and Ruthin Rural Districts attend this clinic and are included in the under-mentioned attendance figures for the year.

	Routine Clinic.	Consultant Clinic.
1st Visits .....	8	69
re-Visits .....	28	133
Post Natal .....	—	6
Gynae .....	—	31
Total .....	36	239

These figures were given by the County Medical Officer.

The Consultant Ante-Natal Clinic was discontinued in September, as Mr. R. Owen Jones retired. Owing to poor use being made of the routine clinic, this was discontinued in November.

## INFANT WELFARE CLINICS

This clinic is held every Wednesday afternoon at the Clinic, Middle Lane, Denbigh, and is well attended as can be seen from the under-mentioned attendance figures.

1st Visits .....	314
re-Visits .....	1922
Total Visits .....	2236

The above figures given by the County Medical Officer also include babies from Aled and Ruthin Rural Districts who attend the clinic.

Welfare Foods are available during the clinic sessions and on Friday afternoons. There is also a depot at Henllan where Welfare Foods may be obtained.

## DENTAL CLINICS

These clinics are held at the Clinic, Middle Lane, Denbigh, as and when required for the examination and treatment of expectant and nursing mothers and toddlers.

The number of cases who were treated in the Western No. 1 and No. 2 Areas of Denbighshire during the year were as follows (the figures for the two areas separately are not available):—

Number examined .....	41
Number requiring treatment .....	41
Number treated .....	41
Number completed treatment .....	42



## NURSING SERVICE

The following are the names and address of the nursing staff covering the Borough.

### Health Visitors

Miss S. C. Evans, The Clinic, Middle Lane, Denbigh.

Tel No. Denbigh 289.

Miss O. M. Hobson, The Clinic, Middle Lane, Denbigh.

Tel No. Denbigh 289.

Miss Evans and Miss Hobson also cover parts of Aled and Ruthin Rural Districts.

### Tuberculosis Health Visitor

Miss M. Thomas, 21 Severn Road, Colwyn Bay.

She also covers the Western half of the County.

### District Nurses

Nurse Jones, Annedd Wen, Nantglyn, Denbigh.

Tel. No. Nantglyn 225.

Nurse M. Williams, Minycoed, Rhewl, Ruthin.

Tel. No. Ruthin 254.

Nurse Davies, Chapel Street, Trefnant, Denbigh.

Tel. No. Trefnant 217.

Nurse Randles, 73 Vale Street, Denbigh.

Tel. No. Denbigh 212.

Three of the District Nurses reside outside the Borough, but they attend to cases in the outlying areas of the town.

## DOMESTIC HELP SERVICE

The number of domestic helps employed in the Borough during the year was 14.

The number of cases where domestic help was provided during the year was as follows:—

Maternity .....	1
Tuberculosis .....	1
Chronic Sick and Aged .....	14
Others .....	3
Total .....	<u>19</u>
	--

These figures were given by the County Medical Officer.





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