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Llanelli Rural District Council

Annual Report


of the

Medical Officer of Health

for the

Year ending 31st December, 1970

—  
1971



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Llanelli Rural District Council

# Annual Report

of the

Medical Officer of Health

for the

Year ending 31st December, 1970

1971

Llanelli Rural District Council  
PREFACE

To the Chairman and Members,  
Llanelli Rural District Council.

Annual Report

Mr. Chairman and Gentlemen,

I beg to submit my Report for the year 1970 on the Health Administration of the Rural District.

In doing so, I would like to thank the Chairman and Councillors for their assistance and kindness during the year.

I am,  
Your obedient Servant,

E. H. B. HOPKINS,

Medical Officer of Health.

STATE HEALTH DEPARTMENT  
SUMMARY OF VITAL AND MORTAL STATISTICS  
FOR YEAR 1970

Area of Rural District	51,387 acres
LLANELLI RURAL DISTRICT COUNCIL	
Llanelli	5,580 acres
Llanelli Burfield	18,000 acres
Llangannoch	2,388 acres
Llannon	10,502 acres
Pashy	14,778 acres

PUBLIC HEALTH COMMITTEE

Population (1961 Census)	40,200
Population (1970)	40,300
Density (person per acre)	1.37
Dwelling Houses	12,241

Councillor A. Bowen, (Chairman of Public Health Committee)

Average	G. J. Jones	
Release Value	J. E. R. Alford	
Product	J. W. Boyles	
DEATHS:	F. T. Davies	Total 218
"	S. R. Davies	Crude Rate 12.6
"	L. A. Davies	Adjusted Rate 10.3
"	H. Hughes, B.A.	
"	T. G. James	Total 350
"	D. S. Lewis	
"	V. Lewis	
"	L. McDonagh	Total 567
"	C. McLoughlin	Crude Rate 14.0
"	T. M. Morris	Adjusted Rate 14.4
"	E. J. Thomas, J.P.	
"	D. I. H. Thomas	Total 11
Illegitimate Live Births		4.0
Still Births:		
Rate per 1,000 total live and still births		22.0
Total Live and Still Births		580

PUBLIC HEALTH STAFF

MEDICAL OFFICER OF HEALTH:

E. H. B. Hopkins, M.R.C.S., L.R.C.P., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR:

A. V. Rowlands, M.A.P.H.I., F.R.S.H., D.P.A., D.M.A., M.I.L.G.A.

PUBLIC HEALTH INSPECTORS AND INSPECTORS OF MEAT AND  
OTHER FOODS:

T. J. Bibbs

G. Padgett, M.A.P.H.I., M.R.S.H.

B. W. James, Ll.B., M.A.P.H.I., M.R.S.H., A.M.N.Inst.E.  
(Terminated June, 1970)

Miss A. G. Rees, M.A.P.H.I.  
(Commenced June, 1970)

W. G. Rees, M.A.P.H.I., A.R.C.A.T.S.  
(Commenced August, 1970)

CHIEF CLERK:

W. O. G. Roderick

TECHNICAL ASSISTANT:

D. T. Rees, M.R.I.P.H.H., A.M.R.S.H., A.I.H.E.

CLERKS:

G. J. C. Evans, F.C.B.I.

Mrs. R. Jones

Mrs. A. Jones

(Commenced October, 1970)

STUDENT PUBLIC HEALTH INSPECTOR:

M. D. Bassett

(Commenced September, 1970)

RODENT OFFICER:

W. J. Evans

## SUMMARY OF VITAL AND MORTAL STATISTICS

FOR YEAR 1970

Area of Rural District	...	...	...	51,367 acres
Llanedy	...	...	...	5,680 acres
Llanelli Rural	...	...	...	15,060 acres
Llangennech	...	...	...	2,396 acres
Llannon	...	...	...	10,602 acres
Pembrey	...	...	...	14,778 acres
Pontyberem	...	...	...	2,851 acres
Population (1961 Census)	...	...	...	40,201
Population (Registrar General's Estimated mid-year 1970)	...	...	...	40,360
Density (person per acre)	...	...	...	1.27
Dwelling Houses in Rural District inhabited at end of 1970	...	...	...	14,178
Average number of persons per dwelling	...	...	...	2.85
Rateable Value (as at 1st April, 1970)	...	...	...	£1,213,358
Product of Id. Rate (as at 31st March, 1970)	...	...	...	£5,324 18. 11.

## DEATHS:

Males	270	Females	241	Total	516
Rate per 1,000 population				Crude Rate	12.8
				Adjusted Rate	15.5

(Ratio of Local Adjusted Rate to National Rate 1.32)

## DEATHS (65 and over):

Males	177	Females	173	Total	350
-------	-----	---------	-----	-------	-----

## MOTHER AND INFANTS:

## Total Live Births:

Males	277	Females	290	Total	567
Rate per 1,000 population				Crude Rate	14.0
				Adjusted Rate	14.4

(Ratio of Local Adjusted Rate of National Rate .90)

## Illegitimate Live Births:

Males	11	Females	11	Total	22
-------	----	---------	----	-------	----

Illegitimate Live Births per cent. of total Live Births 4.0

## Still Births:

Males	9	Females	4	Total	13
-------	---	---------	---	-------	----

Rate per 1,000 total live and still births ... 22.0

Total Live and Still Births ... 580



## Infant Deaths under 1 year:

Legitimate	Males	4	Females	7	Total	11
Illegitimate	Males	-	Females	1	Total	1

## Infant Mortality Rates:

Total Infant Deaths per 1,000 live births	21.0
Legitimate infant deaths per 1,000 legitimate live births	20.0
Illegitimate infant deaths per 1,000 illegitimate live births	45.0

## Neo Natal Mortality Rate (deaths under 4 weeks):

Males	3	Females	7	Total	10
Rate per 1,000 total live births					18.0

## Early Neo Natal Mortality (deaths under 1 week):

Males	2	Females	7	Total	9
Rate per 1,000 total live births					16.0
Rate per 1,000 total live births (England and Wales)					11.0

## Perinatal Mortality (Still Births and Deaths of Infants under 1 week):

Males	11	Females	11	Total	22
Rate per 1,000 total live and still births					38.0
Rate per 1,000 total live and still births (England and Wales)					23.0

## Maternal Mortality (including abortion):

Number of deaths	...	Nil
Rate per 1,000 total live and still births	...	Nil

	Crude Rate	Ad-justed Rate	Rate for England and Wales
Rate per 1,000 of Estimated Population:			
Live Births	14.0	14.4	16.0
Deaths	12.8	15.5	11.7
Rate of Still Births per 1,000 Live and Still Births	22.0	-	13.0
Infant Mortality Rate per 1,000 Live Births	21.0	-	18.0
Neo Natal Mortality Rate per 1,000 Live Births	18.0	-	12.0
Maternal Mortality Rate	-	-	0.18

Year 1970	Maternal Mortality Rate per 1,000 total births	Infant Mortality Rate per 1,000 live births	Still Birth Rate per 1,000 births	Neo-natal Mortality Rate per 1,000 related live births	Illegitimacy Rate per 1,000 total live births
Llanelli Rural	-	21.0	22.0	18.0	40.4
England and Wales	.18	18.0	13.0	12.0	83.0

#### Live Births:

567 live births were registered. The adjusted birth rate was 14.4 as compared with 13.90 in 1969.

The illegitimacy rate was 40.4 per 1,000 live births as compared with 83.0 for England and Wales.

#### Still Births:

13 still births were registered in 1970, a rate of 22.0 as compared with 13.0 in 1969.

There was one illegitimate still birth in 1970.

Net deaths from stated causes at various ages under 1 year of age:-

	Under 1 week	1 - 2 weeks	2 - 3 weeks	3 - 4 weeks	Total under 4 weeks	1 - 3 months	3 - 6 months	6 - 9 months	9 - 12 months	Total under 1 year
Pulmonary Atresia	1	1	1	1	1	1	1	1	1	1
Prematurity	5	1	1	1	5	1	1	1	1	5
Ante-partum Asphyxia	1	1	1	1	1	1	1	1	1	1
Asphyxia Neonatorum	2	1	1	1	2	1	1	1	1	2
Broncho-pneumonia	1	1	1	1	1	1	1	1	1	2
Pulmonary collapse	1	1	1	1	1	1	1	1	1	1
	9	1	1	1	10	1	1	1	1	12

Within the Rural District 29 births took place at home. This represents 5 per cent of the total births.

## Illegitimate Still Births:

Per cent of total Still Births

...

7.69

## INFANT DEATHS ACCORDING TO AGE AND PLACE OF DEATH

Age of Infant	Place of Death		
	In Hospital	At Home	Total
Under 1 week	9	-	9
1 - 2 weeks	-	-	-
2 - 3 weeks	1	-	1
3 - 4 weeks	-	-	-
Over 4 weeks	-	2	2
	10	2	12

## INFANT MORTALITY RATES FOR THE LAST TEN YEARS

Year	Infant Mortality		Neo-Natal Mortality		Peri-Natal Mortality	
	R.D.	England and Wales	R.D.	England and Wales	R.D.	England and Wales
1961	23.76	21.4	11.61	15.5	27.68	
1962	24.48	21.1	13.99	15.1	34.25	
1963	23.04	20.9	12.29	14.2	38.80	
1964	33.65	20.0	28.84	13.8	45.68	32.2
1965	23.19	19.0	17.39	13.0	32.65	26.9
1966	21.28	19.0	16.37	12.9	33.60	26.3
1967	14.37	18.3	11.46	12.5	33.49	25.4
1968	24.0	18.0	10.42	12.4	42.0	25.0
1969	24.00	18.0	16.00	12.0	29.0	23.0
1970	21.0	18.0	18.0	12.0	38.0	23.0

Year	Total No. of Births	(A) No. of Still Births	(B) Infant Deaths under 1 year	(C) No. of Neo-natal Deaths	Deaths of Infants over 1 month and under 12 months	A + B	A + C
1961	603	11	14	7	7	25	18
1962	572	12	14	8	6	26	20
1963	651	19	15	8	7	34	27
1964	637	13	21	18	3	34	31
1965	701	11	16	12	4	27	23
1966	645	14	13	10	3	27	24
1967	627	16	9	7	2	25	23
1968	595	19	14	10	4	33	29
1969	554	7	13	9	4	20	16
1970	580	13	12	10	2	25	23

The pattern of vital statistics does not compare favourably with the rest of England and Wales as a whole. Considerable research is required to ascertain the reasons for this.

## CAUSES OF DEATHS IN THE LLANELLI RURAL AREA

IN THE

## REGISTRAR GENERAL'S STATISTICS

Causes of Death	All Ages		
	M.	F.	Total
B.19 (1) Malignant Neoplasm, Buccal Cavity etc.	-	1	1
B.19 (2) Malignant Neoplasm, Oesophagus	-	2	2
B.19 (3) Malignant Neoplasm, Stomach	13	10	23
B.19 (4) Malignant Neoplasm, Intestine	7	5	12
B.19 (5) Malignant Neoplasm, Larynx	1	-	1
B.19 (6) Malignant Neoplasm, Lung, Bronchus	13	3	16
B.19 (7) Malignant Neoplasm, Breast	-	5	5
B.19 (8) Malignant Neoplasm, Uterus	-	5	5
B.19 (9) Malignant Neoplasm, Prostate	2	-	2
B.19(10) Leukaemia	4	1	5
B.19(11) Other Malignant Neoplasms	9	16	25
B.21 Diabetes Mellitus	3	3	6
B.24 Meningitis	1	-	1
B.46 (5) Other Diseases of Nervous System	2	1	3
B.26 Chronic Rheumatic Heart Disease	7	3	10
B.27 Hypertensive Disease	5	5	10
B.28 Ischaemic Heart Disease	83	55	138
B.29 Other Forms of Heart Disease	7	14	21
B.30 Cerebrovascular Disease	24	48	72
B.46 (6) Other Diseases of Circulatory System	18	17	35
B.31 Influenza	2	2	4
B.32 Pneumonia	7	10	17
B.33 (1) Bronchitis and Emphysema	24	8	32
B.33 (2) Asthma	-	1	1
B.46 (7) Other Diseases of Respiratory System	19	3	22
B.36 Intestinal Obstruction and Hernia	-	1	1
B.46 (8) Other Diseases of Digestive System	4	1	5
B.39 Hyperplasia of Prostate	1	-	1
B.36 (9) Other Diseases, Genito-Urinary System	1	1	2
B.46(11) Diseases of Musculo-Skeletal System	1	-	1
B.42 Congenital Anomalies	1	-	1
B.43 Birth Injury, Difficult Labour, etc.	1	4	5
B.44 Other Causes of Perinatal Mortality	1	2	3
B.45 Symptoms and Ill-Defined Conditions	3	-	3
BE.47 Motor Vehicle Accidents	-	1	1
BE.48 All other Accidents	10	11	21
BE.49 Suicide and Self-Inflicted Injuries	1	-	1
BE.50 All Other External Causes	-	2	2
<b>Total All Causes</b>	<b>275</b>	<b>241</b>	<b>516</b>

Included in the above:-

Deaths from Pneumoconiosis	...	...	6
Deaths contributed by Pneumoconiosis		...	9
Deaths from Silicosis		...	10
Deaths contributed by Silicosis	...	...	1

## CAUSES OF DEATH FOR THE PAST 10 YEARS

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Malignant Neoplasms	76	80	79	81	72	72	90	87	88	95
Scarlet Fever	-	-	-	-	-	-	-	-	-	-
Diphtheria (including Membranous Croup)	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-
Puerperal Fever	-	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	1	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	2	3	3	1	3	1	-	-	1	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-
Pthisis	1	1	3	5	2	1	-	1	1	-
Respiratory Diseases, excluding Cancer and Tuberculosis	72	68	73	85	50	77	60	67	60	76
Cardiovascular Disease	239	275	253	237	271	300	287	295	305	286
Injuries	15	15	26	12	23	34	16	28	25	22
All other causes	52	52	59	47	56	58	48	74	46	37
<b>Total</b>	<b>457</b>	<b>494</b>	<b>496</b>	<b>468</b>	<b>478</b>	<b>543</b>	<b>501</b>	<b>552</b>	<b>526</b>	<b>516</b>

The main causes of death in the Rural District during 1969 and 1970 were as follows:-

	1969		1970	
1. Cardiovascular conditions	305	57.83%	286	55.43%
2. Neoplasms of various kinds	88	16.73%	81	15.69%
3. Cancer of the Lung, Bronchus	16	3.04%	16	3.10%
4. Respiratory disease (excluding Tuberculosis and Cancer)	60	11.40%	76	14.73%
5. Accidents	23	4.37%	22	4.26%

16 deaths were attributed to accidents in the home:-

Ages	Males	Females	Total
0-9	-	-	-
10-64	1	-	1
65 & over	3	12	15
	4	12	16

## Population Statistics:

1931 Census	...	37,266
1951 Census	...	37,054
1961 Census	...	40,301

## Cancer:

Of the specified cancer deaths:-

1969	1970	
15	23	were reported as caused by cancer of the stomach.
16	16	were reported as caused by cancer of the lung.
6	5	were reported as caused by cancer of the breast.
4	5	were reported as caused by cancer of the womb.
46	41	were reported as other malignant or lymphatic neoplasms.
1	5	were reported as leukaemia.

## Immunisation:

Immunisation figures for district areas of the County are no longer available. I am, therefore, unable to comment on the position in individual areas.

The following table relates to the whole County of Carmarthenshire:-

	Primary					Others	
	Born 1970	Born 1969	Born 1968	Born 1967	Born 1963-66	to 16 years	Boosters
Triple Antigen	849	509	47	18	28	7	808
Diphtheria/Tetanus	5	7	1	1	11	6	474
Tetanus	1	1	2	1	14	93	172
Poliō (Sabin)	872	507	61	22	34	11	629
Measles	3	119	123	81	132	23	-
Rubella	-	-	-	-	-	27	-

## Smallpox Vaccination:

The following are the figures for the whole County of Carmarthenshire:-

	Number Vaccinated	Number Re-vaccinated
Children under 1 year	63	-
Children of 1 year	847	-
2 - 4 years	118	12
5 - 14 years	39	52

## B.C.G. Vaccination (Whole County):-

	Contact Scheme	School Children
Number skin tested	96	278
Number found negative	82	230
Number vaccinated	84	193

## Scarlet Fever:

9 cases were reported during the year, as compared with 11 in 1969. The disease continues to be mild.

## Whooping Cough:

No cases were notified during the year.

## Measles:

There were 263 cases of measles reported during the year as compared with 230 in 1969.

## Dysentery:

All notified cases of Dysentery were investigated and faecal samples taken to the Public Health Laboratory.

No. of specimens submitted for examination	...	279
Salmonella Typhimurium 1;	Salmonella Flexner	1
Shigella sonnei 2;		

## Food Poisoning:

One case of suspected food poisoning was notified. On investigation it was found that the patient had suffered from chest and abdominal pains for some time which could not be connected with food poisoning. No further action was taken.

## MORTUARIES

There are no public mortuaries in our area, but by arrangement with Llanelli Borough Council, their mortuary is available when necessary. Coroner's cases have, by arrangement between the Coroner and the Regional Hospital Board, been mainly dealt with at the Llanelli or Glangwili Hospitals.

## INFECTIOUS AND OTHER NOTIFIABLE DISEASES DURING 1970

	Scarlet		Measles		Dysentery	
	Fever		M.	F.	M.	F.
	M.	F.	M.	F.	M.	F.
Numbers originally notified	4	5	127	136	40	36
Final numbers after correction:						
Under 1 year	-	-	3	4	2	2
1 year	-	-	20	14	3	2
2 years	-	-	19	15	1	3
3 years	-	-	18	18	2	2
4 years	-	-	25	27	2	3
5 - 9 years	2	5	41	54	6	2
10 - 14 years	1	-	1	-	2	2
15 - 24 years	1	-	-	2	2	5
25 and over	-	-	-	-	20	15
Age Unknown	-	-	-	2	-	-
Total (all ages)	4	5	127	136	40	36





## TUBERCULOSIS

Table showing notifications and number of deaths from Tuberculosis over the past 10 years:-

Year	New Cases				Deaths			
	No. of new cases Notified		Rate per 1,000 population		Number of deaths		Rate per 1,000 population	
	Res- piratory	Non- Res- piratory	Res- piratory	Non- Res- piratory	Res- piratory	Non- Res- piratory	Res- piratory	Non- Res- piratory
1961	17	6	.42	.14	3	-	.07	-
1962	14	2	.35	.05	1	1	.02	.02
1963	10	6	.26	.14	3	-	.07	-
1964	17	3	.42	.07	4	1	.10	.02
1965	10	3	.25	.07	-	2	-	.05
1966	16	3	.39	.07	1	-	.02	-
1967	9	3	.22	.07	-	-	-	-
1968	6	4	.15	.1	1	-	.02	-
1969	8	3	.20	.07	1	-	.02	-
1970	7	6	.17	.15	-	-	-	-

Enquiries regarding domiciliary care of Tuberculous patient should be addressed to the County Medical Officer of Health at Carmarthen.

The County Council will assist in the domiciliary care of Tuberculous and other patients, by the provision on loan or otherwise of beds, bedding, sickroom equipment and home help assistance. In addition sleeping out shelters are available for certain tuberculous patients.

Assistance is granted in necessitous cases towards the cost of the travelling expenses of relatives visiting long-stay patients in hospitals and sanatoria. In practice it has been found that the great majority of applications for assistance have been from relatives of tuberculous patients.

Assistance is granted for visits to hospitals and sanatoria, which are not less than 40 miles from the residence of the applicant, and is subject to the following conditions:-

- (a) That there is urgent reason for the visit because of the patient's serious condition, or that the visit would in medical opinion do the patient good and aid response to treatment.
- (b) That because of the length of the journey, the relatives concerned are unable to afford it from their own resources without substantial hardship.
- (c) That subject to (a) above, assistance is restricted to one relative every month or two relatives every two months, unless a senior member of the Medical Staff of the Hospital certifies that more frequent visits are essential on account of the patient's serious condition.

## CHILD WELFARE CLINICS

Place	Where Held	When Held	Times
Felinfoel	Ysgol-y-Babanod	Thursdays	2.30 - 4.30 p.m.
Llangennech	Salem Vestry	Tuesdays	2.00 - 4.30 p.m.
Llwynhendy	Health Centre	Thursdays	2.00 - 4.30 p.m.
Pontyates	Welfare Hall	Wednesdays	2.00 - 4.00 p.m.
Pontyberem	Public Hall	Wednesdays	2.30 - 5.00 p.m.
Pwll	Community Centre	Thursdays	2.00 - 4.00 p.m.
Trimsaran	Tabernacle Vestry	Tuesdays	2.00 - 4.00 p.m.
Tumble	Welfare Hall	Tuesdays	2.00 - 4.30 p.m.
Cross Hands	Public Hall	Tuesdays	2.00 - 4.00 p.m.

## ANTE-NATAL CLINICS

Pontyates	Welfare Hall	Wednesdays (weekly)	9.30 - 12 noon
Cross Hands	Public Hall	Thursdays (weekly)	10 a.m. - 12 noon
Llanelli	Brynmair, Goring Road	Wednesdays (weekly)	9.30 - 12 noon

## MOTHERCRAFT AND RELAXATION CLASSES

Llanelli	Brynmair, Goring Road	Tuesdays and Thursdays	2.00 - 4.30 p.m.
Llwynhendy	Health Centre	Mondays	2.00 - 4.30 p.m.

## CHEST CLINIC

Llanelli	Bay View, Capel Road	Daily	9.30 - 12 noon 2.00 - 4.00 p.m.
		Saturday	9 a.m. - 12 noon

## FAMILY PLANNING CLINIC

Llanelli	Llanelli General Hospital	Every Tuesday except the 1st Tuesday of the month	5 p.m. onwards
Llanelli	Llanelli General Hospital	Every Tuesday except the 1st Tuesday of the month run by the Family Planning Association	5 p.m. onwards
Llanelli	Brynmair, Goring Road	Wednesdays	2.00 - 5.00 p.m.

## V.D. CLINIC

West Wales General Hospital, Glangwili:

Males	1st Friday of month	2.00 - 6.00 p.m.
	3rd Friday of month	2.00 - 6.00 p.m.
Females	1st Friday of month	2.00 - 6.00 p.m.
	3rd Friday of month	2.00 - 6.00 p.m.

Mount Pleasant Hospital, Swansea:

Males	Monday	9 a.m. - 12 noon
	Tuesday	2.00 - 4.00 p.m.
	Wednesday	5.00 - 7.00 p.m.
Females	Tuesday	9 a.m. - 12 noon
	Thursday	3.00 - 5.00 p.m.

## HOSPITALS

Local Hospitals:

There are five local hospitals:-

- (1) Mynyddmawr Hospital, Tumble (58 beds) - geriatric and chronic sick.
- (2) Llanelli General Hospital (160 beds).
- (3) Bryntirion Hospital for chronic sick and aged (156 beds).
- (4) Glasfryn Maternity Hospital (12 beds and General Practitioner operated).
- (5) Cilymaenllwyd Hospital (43 beds).

Cilymaenllwyd has been used as a pre-convalescent hospital. It has proved of immense value and as a result the surgical waiting list at the General Hospital has been very considerably reduced.

## Home Help Service:

The Home Help Service is organised by the Carmarthenshire County Council.

The Home Helps are provided during the laying-in period of maternity cases where the patient has no relative available to undertake the domestic duties of the home, and also in certain cases of sickness and need. For those in receipt of Social Security benefits limited domestic help can be arranged, when needed, through the Department of Social Security.

## Mental Health Service:

Areas for which they are responsible

Mr. Dewi David

Llanelli Borough; Llanelli Rural District (Pembrey Parish); Burry Port Urban and Kidwelly Borough.

Mr. Esmor Evans

Llanelli Rural District with the exception of Pembrey Parish.

Mr. G. Jones

Ammanford Urban and eastern side of Llandeilo Rural. Acts as relief for the above as necessary.

## Mentally Subnormal:

The Carmarthenshire County Council are responsible for the ascertainment, supervision and general welfare of the mentally subnormal.

Training Centres are operating in Llanelli - one for junior and females, the other for older boys and men. A new junior Training Centre and a residential hostel were opened during the year.

## Blood Donation Service:

There is a small Blood Bank at the Llanelli General Hospital, and the service of a Pathologist with three trained Technicians is available.

Blood Grouping and Cross Matching are part of the normal laboratory routine and 24 hour service is maintained for emergencies.

No figures of blood donations are available for this area.

## A. DONATIONS EQUIVALENT TO BLOOD PLASMA USED IN 1970

(i) By Hospitals of Glantawe Group	...	8,200
(ii) By whole of Welsh Region	...	50,390

## B. DONATIONS RECEIVED IN 1970

(i) In area covered by Glantawe Hospital Group		7,563
(ii) In whole Welsh Region	...	57,055

## SECTION B

## GENERAL PROVISION OF HEALTH

## SERVICES FOR THE AREA

## Laboratory Facilities:

- (a) An arrangement is in operation for the bacteriological examination of pathological specimens, milk samples and ice-cream samples at the Public Health Laboratories at Carmarthen and Swansea.
- (b) Water Analysis - This work is carried out by the County Analyst's Laboratory, Carmarthen, and by the Public Health Laboratories at Carmarthen and Swansea.

## SANITARY CIRCUMSTANCES

## OF THE AREA

## WATER SUPPLY

The public water supply for the area comes from 2 main sources:-

- (1) Llynfan Lake.
- (2) The Upper Cwm Lliedi Reservoir.

The former supply, from an isolated area, augmented at times by pumping from the Towy River at Nantgaredig and Gwendraeth River at Kidwelly, provides a soft and relatively pure water which is subjected to coarse filtration, followed by chlorination. Re-chlorination takes place at the open service reservoir at Llannon.

The latter supply, less pure in the raw state, is subjected to micro-straining, slow sand filtration and chlorination.

The following information is submitted by the Engineer to the Llanelli and District Water Board:-

Average daily consumption in the Board's area:-

Domestic	...	5,657,080 gallons
Trade	...	4,000,000 gallons

The total number of houses in the Board's area supplied with water is 24,770.

The estimated population supplied is 78,410.

	Cwm Lliedi Reservoir	Forge Intake, Gwendraeth Fach	Llyn y-fan Nantgoch
Total rainfall in inches during 1970	62.55	51.73	84.28
Number of days on which rain fell	226	250	226
Maximum day fall in inches and date	1.89 (2.11.70)	1.49 (18.11.70)	2.30 (22.1.70)

#### WATER SUPPLY SCHEMES

##### A. Completed during 1970:

Modernisation of Sterilising Plant at Felinfoel Treatment Works.  
 Descaling of 3" and 4" mains at Kidwelly and Llwynhendy.  
 Caeglas, Cross Hands.  
 6" main - Tycroes to Llannon (1st phase).  
 St. Margaret's Drive, Llanelli.  
 9" extension at Felinfoel.  
 Bryn Housing Site, Llanelli.

##### B. Under construction during 1970:

Penygarn Development, Tycroes.  
 Dythel Farm, Trimsaran.  
 Blaen Nant Housing Site, Felinfoel.  
 Spudders Bridge mains improvement.  
 Heol Ddu, Trimsaran.  
 Brondini to Cynheidre mains improvement.

##### C. Awaiting Ministry approval as at 31st December, 1970:

New Service Reservoir for Kidwelly.

The following scheme was approved during 1970:

Installation of additional pumping plant at Towy Pumping Station.

## SEWAGE DISPOSAL

The area has 14 sewerage systems, the sewage from which is treated in 13 sewage disposal works.

The position with regard to extensions is:-

## 1. Schemes completed during 1970:

Sandy Road, Sewers and Manholes  
Cross Hands Sewerage Scheme

## 2. Schemes under construction during 1970:

Pontyberem Sludge Beds  
Cross Hands Low Level Scheme  
Cwmgwili Sewerage Scheme  
Hendy Sewerage Scheme

## 3. Schemes awaiting approval as at 31st December, 1970:

Llangennech Sewerage Scheme  
Pontyberem - Reconstruction of Disposal Works  
Pontyates Sewerage Scheme

## 4. Schemes under construction as at 31st December, 1970:

Pembrey Sewerage Scheme - Reconstruction  
Llanedy Sewerage Scheme  
Tycroes - Diversion of sewer  
42" Surface Water Sewer, Dafen  
Llanelli Beach - Sea Coast Defences

## Closet Accommodation:

No. of open midden privies	...	Nil
No. of covered midden privies	...	Nil
No. of pail closets	...	338
No. constructed during year	...	Nil
No. of water closets	...	13,278
No. constructed during the year	...	24

## National Health Act, 1946 - Section 47:

No action was taken during the year under this section.



REPORT OF MR. A. V. ROWLANDS  
CHIEF PUBLIC HEALTH INSPECTOR

FOOD AND DRUGS ACT, 1955

FOOD INSPECTION AND SUPERVISION

Registrations

The number of premises registered in accordance with Section 16 of the Food and Drugs Act, 1955, in the Llanelli Rural District is as follows:-

Butchers Shops	...	17
Fish and Chip Shops	...	13
Ice-cream Manufacturers	...	1
Ice-cream dealers in prepacked ice-cream	...	95

FOOD HYGIENE (GENERAL) REGULATIONS, 1960

Steady progress is being maintained in improving the standards of hygiene in food premises.

Co-operation with the Weights and Measures Department of the Carmarthenshire County Council in enforcing the relevant sections of the Food and Drugs Acts continues.

FOOD HYGIENE (MARKETS, STALLS AND  
DELIVERY VEHICLES) REGULATIONS, 1966

The table below shows the number of vans based within the Area and the type of food sold by those vans:-

Ice-cream Vans	...	6
Grocers/Bakers	...	23
Butchers	...	15
Others	...	19

Normal routine inspections are carried out.

Ice-cream Manufacturing and Retail Premises:

Only one premises is registered for the manufacture of ice-cream. Regular visits are made to check on temperature control during pasteurization and the general conditions of hygiene.

The number of samples taken and the grading were:-

Grade	No. of Samples
1	16
2	5
3	1
4	-
	22

The test carried out by the Public Health Laboratory is the Methylene Blue Test which is a chemical test and gives an indication of the bacteriological purity of the ice-cream. Grades 3 and 4 are indications that further investigations are necessary.

**Unsound Food Complaints:**

A complaint of a snail being found in a milk bottle was investigated. In view of the circumstances no legal proceedings were instituted.

A loaf of bread contaminated with congealed oil was reported to the Department. The circumstances were investigated and the facts reported to Council who concluded that prosecution was not considered advisable.

A complaint that a steak pie was unfit was investigated but the Public Analyst reported that it was of a satisfactory quality and fit for human consumption.

**Unsound Food:**

The quantities and types of food examined and found to be unfit for human consumption are appended:-

	Weights			
	Tons	Cwts.	lbs.	oz.
Meat at Slaughterhouses	7	14	99	-
Meat at retail shops	-	-	36	4
Cooked meats and meat products	-	-	52	8
Canned Meats	-	-	74	8
Fish	-	-	-	-
Fruit and Vegetables (Canned)	-	-	96	12
Other Foods	-	1	47	-

Though routine inspections result occasionally in food being surrendered by traders, the majority of cases arise from a request by the trader for the Public Health Inspector to call. Traders are always advised by the Public Health Inspectors to withdraw from sale any food which appears to be doubtful and to seek the advice of the Public Health Department.

## PRIVATE SLAUGHTERHOUSES

District	Premises	Licensee
Pontyberem	Vale View, Pontyberem	Mr. W. D. Jones
Tycroes	Rhuddlan, Tycroes	Mr. I. G. Ebsworth
Hendy and Llangennech	Talyclun, Llangennech	Mr. D. Evans
Pembrey and Pwll	Cwm, Pembrey	Mr. H. Thomas

There are four privately owned licensed slaughterhouses in the rural district area. Only three were in operation during the year. The licences are renewed annually. Regular inspections are made to ensure that the slaughtering of animals and the handling of meat comply with the relevant statutory provisions.

Each Public Health Inspector after passing the meat fit for human consumption marks it with an official identifying stamp. The meat is not removed from the slaughterhouse until it has been stamped.

The Slaughterhouse (Hygiene) Amendment Regulations, 1966 which came into operation on 1st November, 1968 required the discontinuance of the use of a wiping cloth for the wiping down of carcasses.

All the slaughterhouses in operation are provided with high pressure water sprays.

## SLAUGHTER OF ANIMALS ACT, 1954

The number of licences for slaughtering in force during the year totalled 12.

The licences are renewed every three years. Before recommending the issue of a licence, the Public Health Inspector must be satisfied that the applicant is capable of slaughtering humanely and efficiently.



## POULTRY INSPECTION

There exists within the Rural District a large processing plant capable of dealing with 140,000 birds a week. The factory specializes in frozen/oven-ready chickens with an average live weight of 4 lbs. There are about 200 people employed of which 75% is female labour. It has its own First Aid Room with a fully qualified Nursing Sister and its own Canteen.

Regular visits are made by the Public Health Inspectors to ensure the high standard of hygiene is maintained. Swabs are taken from chickens and giblets and samples of water from the chilling tank; both being submitted for bacteriological examination. The firm employs its own quality control and hygiene staff and the closest co-operation exists with the Local Authority.

During the year there were 5,898,724 birds processed and the weight of birds condemned as unfit was 33,280 lbs. The percentage of birds rejected as unfit for human consumption was 0.13. The number of visits made during the year were 198.

Improvements in the methods of sterilising the water in the chilling tanks made during the year considerably improved the quality of that water.

Routine visits are made to shops within the area to check on poultry offered for sale.

## WATER SAMPLING

The result of a sample given below is typical of those taken by the Water Board during 1970:-

Domestic Supply	L.R.I.
pH Value	6.8
Colour (Hazen Units)	Nil
	Parts per Million
Free and Saline Ammonia	Nil
Albuminoid Ammonia	Nil
Nitrites	Nil
Nitrates	Nil
Oxygen consumed at 27°C. from N/80 permanganate during 4 hours	.3
Chlorides as Cr.	11
Calculated as Common Salt	19.6
Total Solids in Solution	48

## Additional Features:

Lime as CaO	15
Total Alkalinity as CaCO <sub>3</sub>	27
Total Hardness as CaCO <sub>3</sub>	30
Residual Chlorine	0.2
Iron (Fe)	Nil
Manganese (MN)	Nil

## Bacteriological Examination:

No. of Organisms per c.c. developed on Agar during 48 hours at 37°C	Nil
No. of Organisms per c.c. developed on Agar during 48 hours at 22°C	3
Coliform organisms per 100 ccs.	Nil
Faecal Coli per 100 ccs.	Nil

## ANALYST'S OBSERVATIONS

This water was of good organic purity. Furthermore, it contained only the minutest trace of iron and was free from manganese.

The bacteriological result was satisfactory and the water was suitable for drinking and domestic purposes.

A total of 39 samples of water were taken by the Department of which 37 proved to be satisfactory. In the case of the unsatisfactory results the co-operation of the Water Board is sought. This co-operation is readily forthcoming. Follow-up of the unsatisfactory samples proved satisfactory.

When the supply of water to a farm is connected to the dwelling house, the Ministry of Agriculture, Fisheries and Food will only pay the grant, provided a certificate of suitability of the water for human consumption is available from the Public Health Department. The Department continues to work closely with the Ministry in this matter.

MILK AND DAIRIES (GENERAL) REGULATIONS, 1959  
MILK (SPECIAL DESIGNATION) REGULATIONS, 1963 & 1965

There are in the area:-

37 Distributors	12 Producer/Retailers
15 Dairies	27 Dealers

Regular visits are made to the premises and samples of untreated milk are frequently taken and submitted for examination for Brucellosis. Close liaison with the Divisional Veterinary Officer of the Ministry of Agriculture, Fisheries and Food is maintained.

## Milk Sampling:

No. of samples taken during 1970	...	46
No. Satisfactory	...	45
No. Unsatisfactory	...	1

All samples of non-pasteurized milk are subjected to routine Brucella Abortus tests.

## Milk Samples - Brucella Abortus:

No. of samples of raw milk examined	...	53
No. of positive samples found (Brucella Ring Test)		-
No. of positive samples found (Guinea Pig Test)		-

Where a positive ring test is obtained, clinical investigations at the farm of origin of the milk are made, together with guinea pig inoculation or culture tests of the milk suspected of being affected by Brucella Abortus.

## ADMINISTRATION OF THE FACTORIES ACT, 1961

Regular visits have been paid by the Public Health Inspectors as part of their routine. Where necessary the co-operation of the Factory Inspector has been sought. This has been readily forthcoming and working relationships are very harmonious.

1. - INSPECTIONS for purposes for provision as to health (including inspections made by the Public Health Inspectors).

Premises (1)	Number on Register (2)	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	-	-	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	87	131	2	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	16 (Building Operations) 4 (Slaughterhouses)	16  51	-  -	-  -
TOTAL	107	198	2	-

Number of cases in which defects were found	Number of cases in which defects were found		No. of Factories in the area
	(1)	(2)	
Factories	...	...	39
Bakeries	(3)	(4)	6
Repair Garages	...	...	42
Slaughterhouses	...	...	4
Building Operations	...	...	16
<b>Total</b>		...	<b>107</b>
<b>Inspections carried out:-</b>			
Factories	...	...	131
Bakeries	...	...	55
Repair Garages	...	...	128
Slaughterhouses	...	...	51
Building Sites	...	...	16
<b>Total</b>		...	<b>381</b>
2 Notices were served under Section 7 of the Factories Act, 1961.			

2. - Cases in which DEFECTS were found. If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "Cases").

(Sections 133 and 134)  
 There are no outworkers within Part VIII of the Factories Act, 1961.



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)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate Ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences (S.7):					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	2	2	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Out-work)	-	-	-	-	-
<b>Total</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>

FACTORIES ACT, 1961

(Part VIII of the Act)

Outworkers

(Sections 133 and 134)

There are no outworkers within Part VIII of the Factories Act, 1961.

## OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The Act applies to wholesale and retail shops, offices and similar premises and standards are laid down in respect of welfare, health and safety. Certain premises are exempted from the Act; others come under the jurisdiction of the Factory Inspector.

Steady progress has been made since the implementation of the Act, particular attention having been paid to heating standards and better lighting conditions. The co-operation of the owners and occupiers has been on the whole encouraging.

Although during the year no accidents were reported, the importance of accident prevention work cannot be over-estimated and the Public Health Inspectors take every opportunity to promote this aspect of health education during their investigations.

The number of premises registered under this Act to the end of the year were as follows:-

Retail Shops	...	59
Offices	...	24
Wholesale Shops, Warehouses	...	3
Catering Establishments and Canteens	...	6
Fuel Storage Depots	...	-
Total	...	92

Statutory inspections made subsequent to registration:-

	1969	1970
Retail Shops	59	17
Offices	24	48
Wholesale Shops, Warehouses	3	3
Catering Establishments and Canteens	6	5
Fuel Storage Depots	-	-
Total	92	73

The total number of visits, including revisits made by Inspectors to registered premises during 1970 were 131.

Number of Contraventions discovered by inspections	...	24
Number of Notices served	...	1
Notices complied with	...	1
Notices partly complied with	...	-
Number of Contraventions found and remedied without service of Notices	...	23

The main items stipulated in the Notice were for the provision of thermometers, first-aid equipment, facilities for drying employees' clothes and lack of adequate heating facilities.

#### REFUSE COLLECTION AND DISPOSAL

The collection and disposal of household and innocuous industrial refuse and wastes is the responsibility of the department. The building of new houses continues and the number of factories have further increased resulting in greater quantities of household and industrial refuse.

A twice-weekly collection service is in operation except for the remote rural areas where the service is either weekly, fortnightly or monthly depending upon location and accessibility.

The Council decided to proceed with a Paper Sack pilot scheme involving 979 premises and the result is awaited, before final decision is made.

#### ENVIRONMENTAL HEALTH - GENERAL

##### Caravans and Camping Sites:

The legislation covering Caravans is contained in the Caravan Sites and Control of Development Act, 1960.

Camping sites are subject to the provisions of Section 269 of the Public Health Act, 1936. There are no camping sites at present within the Council's administrative area.

Table of Licensed Caravan Sites:-

Address	Type of Site	Number allowed under Planning
1. Gould's Caravan Site, Penygraig, Llwynhendy.	Residential	10
2. Penllwynrhodyn Caravan Site, Llwynhendy.	Residential	17
3. Gwaith Mawr Caravan Site, Llangennech.	Residential	40
4. Caravan Court Caravan Site, Cross Hands.	Residential	33
5. Speedway Caravan Site, Pembrey.	Residential	10

There has been a gratifying improvement in one of the larger licensed Caravan Sites but continued vigilance by the Inspectorate to maintain hygienic standards is necessary.

Two of the licensed sites are still below the required standard but as no alternative sites are available the recalcitrant site owners cannot be compelled to close down. Every effort is, however, made to obviate public health nuisances as far as possible.

Consideration is still being given by the Council to the provision of a Council owned site.

The problem of itinerant van dwellers has to some extent been minimized by the fencing off of suitable sites on private land and the service of Public Health Act notices on the land owners.

#### ABANDONED VEHICLES

Complaints regarding abandoned vehicles are investigated and the owner, if he can be found, is notified and requested to remove the vehicle immediately. The police are notified and their assistance in tracing the owner etc. solicited.

If the owner refuses to remove the vehicle within seven days the matter is referred to the Llanelli Borough Engineer who arranges with a private car-crushing plant situated within the Llanelli Borough to do the work.

## HOUSING APPLICANTS

There were 382 applications on the Council's waiting list on the 31st December, 1970. The cases were investigated by the Department and reports made to the House Letting Committee.

Serious overcrowding has almost ceased to be a problem. The main needs for the future appear to be:-

- (1) the provision of suitable accommodation for the aged.
- (2) transfer of the tenants from under occupied premises.
- (3) rehousing of tenants from sub-standard houses.

## CHRONICALLY SICK AND DISABLED PERSONS ACT, 1970

The above Act is for local authorities to promote the welfare of handicapped people. Among its provisions are duties for welfare authorities to make arrangements to meet the needs of the sick and the disabled in their homes and also for housing authorities to consider the special needs of such people in their proposals for housing accommodation. Other sections of the Act ask authorities to make provision for the disabled in premises open to the public and in public sanitary conveniences when it is both practicable and reasonable.

## HOUSING WELFARE

The maintenance and improvement of the standard of cleanliness in all Council Houses is attempted by encouragement and the giving of advice to the tenants by the Public Health Inspectors.

Results have been rewarding as in previous years generally but there are still a few families who are not so co-operative as they should be.

INSPECTIONS UNDER PUBLIC HEALTH  
AND HOUSING ACTS

1. Inspections of Dwelling Houses during the year:-

(1) (a)	Total number of dwelling houses inspected for Housing defects (under Public Health or Housing Acts)	...	419
(b)	Number of inspections for the purpose	...	570
(2)	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation)	...	22

2. Remedy of defects during the year without service of formal Notices:-

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

(a)	Completed	...	8
(b)	Partially Completed	...	5

3. Action under Statutory Powers during the year:-

(a) Proceedings under Section 9 and 10 of the Housing Act, 1957:-

(1)	Number of dwelling houses in respect of which notices were served requiring repairs	...	Nil
(2)	Number of dwelling houses which were repaired after service of formal notices:-		
(a)	By Owners	...	Nil
(b)	By Local Authority in default of Owners	...	Nil

(b) Proceedings under Public Health Acts:-

(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	...	7
-----	--	-----	---

(2) Number of dwelling houses in which defects were remedied after service of formal notices:

(a) By Owners:-

Completed	...	3
Partially Completed	...	-

(c) By Local Authority in default of owners ... -

(d) Proceedings under Section 16 and 17 of the Housing Act, 1957:-

(1) Number of dwelling houses in respect of which Demolition Orders made ... 5

(2) Number of dwelling houses demolished in pursuance of Demolition Orders ... 17

(3) Number of Closing Orders made under Section 17 of the Housing Act, 1957 ... 7

(4) Number of Closing Orders determined ... -

(5) Number of undertakings accepted under Section 16 to recondition dwelling houses ... -

(6) Number of houses in respect of which Cease User Undertakings were made ... -

(7) Number of houses in respect of which Cease User Undertakings Operative and Rendered Fit ... -

(e) Proceedings under Section 18 of the Housing Act, 1957:-

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... -

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or rooms having been rendered fit ... -

## RENTS ACTS 1957 and 1968

## HOUSING ACT, 1969

Part III of the Housing Act, 1969 enables a controlled tenancy to be changed to a regulated tenancy provided that three prescribed conditions are complied with.

With a regulated tenancy a fair rent procedure can be put into effect under the Rent Act, 1968.

Before the owner can apply for the registration of a fair rent, a Local Authority must issue a Qualification Certificate certifying:-

1. the house possesses five standard amenities.
2. the house, having regard to age, character and locality, is in good repair.
3. the house on the basis of the Housing Act, 1957 is in all respects fit for habitation.

No applications for Qualification Certificates were received during the year.

## RENT ACT, 1968

## Certificates of Disrepair:

No. of applications for Certificates	...	Nil
Certificates refused	...	Nil
Applications withdrawn	...	Nil
Undertakings received (form K)	...	Nil
Certificates of Disrepair issued	...	Nil
Decisions pending	...	Nil

## Cancellation of Certificates of Disrepair:

No. of Applications for revocation or cancellation of Certificates of Disrepair	...	Nil
Certificates revoked or cancelled	...	Nil
Cancellations refused	...	Nil
Decisions pending	...	Nil
Certificates remaining extant	...	Nil

## Certificates of Disrepair - Position at 31st December, 1970:

No. issued	...	Nil
No. revoked or cancelled	...	Nil
No. remaining in force (as in register)	...	Nil



## HOUSING ACT, 1964

A total of 118 applications for grants towards improvement works were approved during the year. Details are as follows:-

## (a) Discretionary Grants:

The number of grants approved numbered 93 amounting to the sum of £132,553 18. 1.

## (b) Standard Grants:

25 Standard Grants were completed and amounts totalling £3,895 12. 1. were paid.

## OCCUPIED DWELLING HOUSES IN LLANELLI RURAL

DISTRICT AT 31st DECEMBER, 1970

Parish	Houses and Flats	Shops with Private Dwelling Accommodation	Agri-cultural Dwelling Houses	Public Houses	TOTAL
Llanelli Rural	6348	91	144	29	6612
Llannon	1639	54	101	6	1800
Pembrey	1998	32	89	17	2136
Llangennech	1147	22	26	77	1202
Llanedy "A"	749	17	27	9	802
Llanedy "B"	549	12	27	2	590
Pontyberem	978	17	37	4	1036
Total	13408	245	451	74	14178

HEALTH EDUCATION

A series of illustrated talks on food hygiene were given to Canteen staff of a local factory. While contributing to improved hygiene, it was also a useful exercise in public relations. Requests were received for additional talks. During the coming year it is hoped to extend the service as there appears to be a high demand for

CLEAN AIR ACT, 1956  
Atmospheric Pollution:

This problem has increased as additional industries continue to be established in our area. The main complaints have been of dark smoke emission due chiefly to over-loading boilers and inadequate maintenance.

The co-operation of the Management was readily forthcoming on every occasion.

Close liaison has been maintained with the Alkali Inspector in respect of registered premises within the area. His advice and co-operation have been much appreciated.

COLLIERY TIPS, SPOIL-BANKS

AND DERELICT SITES

Visits are made to existing spoil-banks to ensure that planning conditions are complied with and this is done in co-operation with the Architect's Department,

No new outbreaks of fire were reported during the year.

The three colliery tips previously reported as causing nuisances due to fire have been less troublesome during the year but are still a source of concern. It is, however, pleasing to report that action has begun to deal with some of the derelict spoil-banks and sites in the area; this includes plans to deal with the Cross Hands Colliery Tip and the New Dynant Tip, Cwmmawr. Consultants have been engaged and instructed to prepare feasibility reports to deal with the following sites:-

- |                                 |                         |
|---------------------------------|-------------------------|
| Brongwendraeth Tips, Pontyates  | Glynea Tip, Bynea       |
| Great Mountain Colliery, Tumble | Glynhebog, Pontyberem   |
| Factory Tips, Ponthenry         | Plasbach, Pontyates and |
| St. David's, Dafen              | Trimsaran Tips          |
| Castle Colliery, Furnace        | Gwendraeth Colliery and |
| Morlais Works, Llangennech      |                         |

## NOISE ABATEMENT ACT, 1960

The chief cause of complaints was the working of open-cast mining both during normal working and blasting periods. Close liaison was maintained with the National Coal Board (Open-Cast) Executive and the Contractors on the site. There were occasions when all possible steps to mitigate the nuisance were not taken but as the result of representations by the department, some improvement was effected.

Other minor complaints of noise were investigated (e.g. a pop-group in a residential area) and usually the nuisance was terminated immediately.

Numerous complaints were received from the residents in the Cross Hands area of excessive noise and vibration caused by blasting.

Investigations revealed that it was due to tunnelling in the area and remedial measures were taken.

## SCRAP METAL DEALERS ACT, 1964

17 persons have been registered and there are two large scrap yards in our area. Complaints have been minimal, but routine visits are made by the Inspectorate.

## PREVENTION OF DAMAGE BY PESTS ACT, 1949

## RODENT CONTROL

Rodent Control is carried out under the provisions of the above Act, one full-time Operative being employed.

Properties other than Sewers	Type of Property	
	Non-Agricultural	Agricultural
1. Number of properties in district	14,550	451
2. (a) Total number of properties (including nearby premises inspected) following notification	458	2
(b) Number infested by:-		
(i) Rats	312	1
(ii) Mice	146	-
3. (a) Total number of properties inspected for rats and/or mice for reasons other than notification	615	20
(b) Number infested by:-		
(i) Rats	205	-
(ii) Mice	182	-

The sewerage systems and disposal works are test-baited for rats and treated where necessary.

The refuse tips were regularly treated for infestations by rodents and the number of infestations have been reduced as the result of improved methods of controlling and covering tips.

#### Eradication of Bed Bugs and other Vermin:

Houses inspected have generally been free from vermin.

#### Eradication of Ants and Flies:

81 houses were found to be infested with ants or flies, and necessitated an average of two treatments per house.

#### Disinfection:

The four authorities in the Llanelli Division share a common disinfecter for this purpose. This arrangement is proving satisfactory.

#### PETROLEUM (REGULATION) ACTS, 1928 and 1936

These Regulations are enforced by the Department. There are 69 licensed premises in the area.

There is an increasing tendency to scrap the old smaller tanks, usually 500 or 1,000 gallons capacity, and replace them with ones of 3 to 5,000 gallons. Disused tanks are either removed or rendered safe, usually by filling with concrete slurry. The installation of new tanks is supervised and pressure tests carried out on both tanks and associated piping.

Petrol tanks over 20 years old are pressure-tested periodically by the use of an inert gas.

The Fire Authority has continued to give invaluable help and guidance and their co-operation is appreciated.

The attention of owners and occupiers was called to various contraventions and these have generally received immediate attention.

#### PET ANIMALS ACT, 1951

One licensed premises (at Maesydderwen, Llanedi Road, Pontardulais) is kept under supervision.

#### ANIMAL BOARDING ESTABLISHMENT ACT, 1963

There are two premises licensed under the above Act, viz:-

The Kennels, The Links, Pembrey  
Arteg, Medelfyw Road, Felinfoel

and periodical visits are made.

#### OPEN AIR BATHING POOL, HENDY

Regular sampling of the water during the time of operation of the pool was undertaken.

19 samples were taken, all being bacteriologically satisfactory.

#### SANITARY INSPECTION OF THE AREA

Total number of inspections made in 1970	5531
Number of informal notices served	15
<sup>x</sup> Number complied with wholly	8
Number complied with partially	2
Number of statutory notices served	3
<sup>x</sup> Number complied with wholly	3
Number complied with partially	-

(<sup>x</sup>Inclusive of notices served in previous years)

## NUMBER OF INSPECTIONS CARRIED OUT DURING 1970

## Public Health Act:

House Inspections	...	139
House Reinspections	...	121
Private Water Supply	...	9
Public Water Supply	...	10
House Drainage	...	117
House Drainage Revisits	...	83
Drain Testing	...	21
Surface Drainage	...	42
Watercourses	...	97
Flooding	...	109
Nuisances	...	174
Nuisances Revisits	...	89
Piggeries	...	7
Tents and Vans	...	60
Public Conveniences	...	150
Refuse Collection	...	136
Refuse Tips	...	403
Refuse Dumping	...	120
Infectious Diseases	...	256
Infectious Diseases Revisits	...	150
Disinfection	...	6
Disinfestation	...	81
Disinfestation Revisits	...	61
Unclean Premises	...	48

## Housing Act:

House Inspections	...	35
House Reinspections	...	30
Housing Improvement Grants	...	245

## Food and Drugs Act:

Fish and Chip Shops	...	28
Licensed Premises	...	42
Clubs	...	6
Meat Shops	...	287
Meat Vans	...	94
Fish Vans	...	6
Canteens	...	35
Cafes	...	17
Food Preparing Premises	...	34
Food Shops	...	217
Unsound Food Investigations	...	18
Unsound Food Investigations Revisits	...	6
Food Vans	...	16
Ice-cream Manufacturing Premises	...	6
Ice-cream Shops	...	14
Ice-cream Vans	...	6
Milk Vans	...	13
Dairies	...	9
Raw Milk Distributors	...	18
Bakehouses	...	55
Slaughterhouses	...	51
Poultry Processing Plant	...	198

## Others:

Factories and Workshops	...	131
Building Sites	...	16
Housing Investigations	...	413
Welfare Investigations	...	86
Rodent Control	...	64
Clean Air Act	...	77
Petroleum Regulations	...	128
Noise Abatement Act	...	37
Caravan Sites	...	108
Offices, Shops and Railway Premises Act	...	131
Scrap Metal Dealers Act	...	17
Animal Boarding Establishment Act	...	5
Pet Animals Act	...	5
Quarry Fencing Act	...	1
Health Education	...	5
Bathing Pools	...	19
Civic Amenities Act	...	22
Miscellaneous	...	291
Total	...	<u>5,531</u>





