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1961

Carmarthen Urban Sanitary Authority

Eighty-Ninth

ANNUAL REPORT

of the Sanitary Conditions of
the County of the Borough of
Carmarthen


by

ELFYN T. JONES

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

Medical Officer of Health





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Carmarthen Urban Sanitary Authority

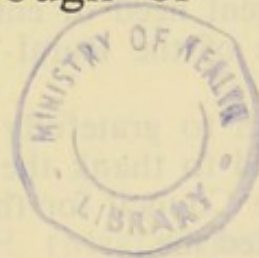
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PREFACE

To the Mayor, Aldermen and Members of the Council of the
Borough of Carmarthen.

I beg to present my Annual Report for the year ended 31st
December, 1961.

It is pleasing to report that the health of the town remained at a
satisfactory level throughout the year and that no case of
Diphtheria, Food Poisoning or Poliomyelitis occurred.

It is with regret that I have still to report that there has been no
progress in the erection of Council Houses. The position is serious
and many people in the town are suffering great hardship purely
on account of lack of adequate and sanitary living accommodation.
Furthermore there are three Clearance Areas urgently needing
attention.

Whilst it is pleasing to report that work is proceeding on the
Bronwydd Road Sewerage Scheme I trust that efforts to speed
up its completion will be made as it appears to be taking a very
long time. The re-sewering of the Johnstown area is still an urgent
necessity, and I trust work on this scheme will commence upon
the completion of the Bronwydd Road Sewerage Scheme.

During the year an unfortunate scare occurred with regard
to the water supply of the town, and I would stress upon the Council
the urgent need of entering, without delay, into the Towy Water
Scheme of the Rural District Council.

I wish to gratefully acknowledge the work carried out by my
staff and to thank the Members of the Public Health Committee
and the Council for the wholehearted manner in which they have
supported me.

I wish to thank my colleagues and their staff for their continued
support and help.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

ELFYN T. JONES,
Medical Officer of Health.

PUBLIC HEALTH COMMITTEE

(The Whole Council)

Members:

His Worship the Mayor (Alderman Mrs. A. K. White, J.P.—died 28/9/61) succeeded by His Worship the Mayor (Councillor T. Idwal Jones, J.P.), Aldermen T. H. G. Davies, Wynford Davies, D. Denzil Harries, S. Jeremy, Ellis J. Powell, R. E. Rees; Councillors Mrs. V. Chapman, W. Colvin, J. Glyndwr Davies, T. Ll. Davies, Miss G. I. Evans, C. W. Griffiths, D. J. Howells, L. H. Howells, T. J. Hurley, M. E. Clifford Jones, T. Ll. Jones, T. H. King, D. C. Thomas, J. S. Thomas, G. G. Williams, H. R. Yendle.

STAFF

Medical Officer of Health:

ELFYN T. JONES, B.Sc., M.R.C.S., L.R.C.P., D.P.H.

Official address and telephone number of Medical Officer of Health:

Public Health Department, 3, Spilman Street, Carmarthen.

Telephone Number: Carmarthen 6676/7/8.

Clerk to the County of the Borough of Carmarthen:

D. MYRDDIN THOMAS, Esq., Solicitor.

Borough Engineer and Surveyor:

J. VIVIAN EVANS, A.M.I.Mun.E., M.R.S.H., A.M.I.H.E.

Borough Treasurer:

H. WILLIAMS, A.I.M.T.A.

Public Health Inspector:

E. W. FRANCIS, M.A.P.H.I., C.R.S.H. (Meat Certificate).

Shops Inspector:

E. W. FRANCIS, Public Health Inspector.

Food and Drugs Inspector for the Area:

D. R. WATKINS, Esq.

Public Health Department Clerks:

G. GRIFFITHS.

Mrs. M. COLLINS. (Terminated duties 14/4/61).

Miss M. O. THOMAS. (Commenced duties 17/4/61).

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

The Carmarthen Urban District Authority comprises the Parish of St. Peter's and is 5,223 acres in extent. The area is essentially an urban one although the outskirts of the town still remain essentially rural in character.

Social Conditions

Carmarthen is a very old borough; it is the county town of Carmarthenshire and is an agricultural centre. Due to its geographical situation, it is the hub of the County and an important centre, especially from a road communication point of view. Furthermore, with its modern cattle market, and being an area designated as free from bovine tuberculosis, it has become the main agricultural marketing centre for West Wales. Only attested cattle are sold in the new market which is one of the foremost cattle markets in the country. The main marketing day is Wednesday, but frequently marts are also held on Thursday, and on occasions special marts are held on other days. An additional feature of the cattle market is a store cattle mart and also a mart for sheep, pigs and calves, which is held on a site adjoining the new cattle market, but nevertheless, totally separate from it.

From its geographical situation, and particularly due to its predominant agricultural outlook, Carmarthen does not appear to attract industrial development. Any industrial development must of necessity be associated with agriculture, hence the large milk factory of the Dried Milk Products, Ltd., established within the Borough Boundary. In general, milk intake into the factory during the year was at a higher level than in any previous year. The main manufacturing programme was very similar to that of 1960, comprising the manufacture of Roller processed Separated Milk Powder and butter and various other milk powders, with an increasing output of Creamed Rice Milk Puddings and other cereal puddings. It is interesting to note that their "Shir Gar" brand of Welsh Butter enjoys increasing popularity. As in previous years supplies of liquid milk were sent to the large consuming areas in South Wales and to London.

The principal occupations of the town residents are associated with agriculture, the railway, shops, offices, garages and commercial firms. There are also a few coalminers who naturally work outside the area.

Public Swimming Baths

There are no public swimming baths in the Borough.

Population, Rateable Value, etc.

The estimated mid-year Home Population given by the Registrar-General for 1961 is 12,830.

The number of inhabited dwellings at the end of the year according to the Rate Book is 3,663.

The rateable value of the Borough is £216,510, and the sum represented by a penny rate is £883.

Comparison for the last five years

Year	1957	1958	1959	1960	1961
Population	11,860	11,870	11,890	12,080	12,830
Rateable Value ..	£184,736	£184,411	£202,682	£205,747	£216,510
Penny Rate	£700	£725	£808	£829	£883
Inhabited Houses ..	3,522	3,547	3,558	3,591	3,663

Vital Statistics

Live Births	Males	Females	Total
Legitimate	80	81	161
Illegitimate	4	4	8
Total	84	85	169

Birth rate per 1,000 estimated home population—13.17

Still-Births

Number	—	2	2
Rate per 1,000 total live and still-births			11.70
Rate per 1,000 estimated home population			0.16

Total Live and Still-Births 84 87 171

Infant Deaths (deaths

under 1 year) 1 — 1

Cause of Infant Death—Cyst of Brain.

Age at death—2 weeks.

Infant Mortality Rates

Total infant deaths per 1,000 live births	5.91
Legitimate infants per 1,000 legitimate live births	6.21
Illegitimate infants per 1,000 illegitimate live births	0.00

Maternal Mortality

Number of Deaths	—
Deaths (All Ages)	111 115 226
Death rate per 1,000 estimated home population ..	17.61

Vital Statistics and Comparison for the last Five Years:—

Year	Estimated Mid-Year Home Population	Live Births		Deaths (all causes)		Stillbirths		Maternal Deaths		Infant Deaths (under 1 year)	
		No.	Rate per 1,000 population	No.	Rate per 1,000 population	No.	Rate per 1,000 Live and Stillbirths	No.	Rate per 1,000 Total Births	No.	Rate per 1,000 Live Births
1961	12,830	169	*13.17	226	*17.61	2	11.70	—	0.00	1	5.91
1960	12,080	173	14.32	215	17.79	5	28.09	—	0.00	6	34.68
1959	11,980	150	12.52	205	17.11	3	19.61	—	0.00	5	33.33
1958	11,870	176	14.83	238	20.05	6	32.97	—	0.00	6	34.09
1957	11,860	161	13.57	243	20.49	6	35.93	—	0.00	3	18.63
England and Wales—1961	—	—	17.4 (a)	—	12.0 (a)	—	19.1 (a)	—	Not available	—	21.6 (a)

*Adjusted: Live birth-rate (comparability factor 1.05) = 13.82 per 1,000.
 Death rate (comparability factor 0.64) = 11.27 per 1,000.

(a) Provisional rates.

CLASSIFICATION OF CAUSES OF DEATHS ACCORDING TO DISEASES

No.	Causes of Death	Males	Females	Totals
1	Tuberculosis (Respiratory) ..	—	1	1
2	Tuberculosis (Other)	—	—	—
3	Syphilitic disease	—	—	—
4	Diphtheria	—	—	—
5	Whooping Cough	—	—	—
6	Meningococcal infections	—	—	—
7	Acute Poliomyelitis	—	—	—
8	Measles	—	—	—
9	Other infective and parasitic diseases	—	2	2
10	Malignant neoplasm, stomach	4	4	8
11	Malignant neoplasm, lung, bronchus	3	1	4
12	Malignant neoplasm, breast ..	—	—	—
13	Malignant neoplasm, uterus ..	—	1	1
14	Other malignant and lymphatic neoplasms	11	8	19
15	Leukaemia, aleukaemia	1	—	1
16	Diabetes	—	2	2
17	Vascular lesions of nervous system	8	11	19
18	Coronary disease, angina ..	30	18	48
19	Hypertension with heart disease	2	3	5
20	Other heart disease	20	35	55
21	Other circulatory disease ..	5	4	9
22	Influenza	2	8	10
23	Pneumonia	5	1	6
24	Bronchitis	4	2	6
25	Other diseases of respiratory system	1	—	1
26	Ulcer stomach and duodenum	1	—	1
27	Gastritis, enteritis and diarrhoea	—	3	3
28	Nephritis and nephrosis ..	—	1	1
29	Hyperplasia of prostate ..	1	—	1
30	Pregnancy, child-birth, abortion	—	—	—
31	Congenital malformations ..	1	1	2
32	Other defined and ill - defined diseases	2	6	8
33	Motor vehicle accidents ..	3	—	3
34	All other accidents	4	3	7
35	Suicide	2	—	2
36	Homicide and operations of war	1	—	1
Totals		111	115	226

Cancer

The number of deaths from cancer in recent years:—

	1957	1958	1959	1960	1961
Malignant neoplasm, stomach	4	6	6	7	8
Malignant neoplasm— lung, bronchus	4	5	5	5	4
Malignant neoplasm, breast	3	2	4	—	—
Malignant neoplasm, uterus ..	1	2	2	1	1
Other malignant and lymphatic neoplasms	22	20	14	17	19
Totals	34	35	31	30	32

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Laboratory Facilities

As in former years the Public Health Laboratory Service, now situated at the West Wales General Hospital, Glangwili and which is under the direction of Dr. H. D. S. Morgan, again proved of inestimable value to the health services of the area.

Ambulance Facilities

This service is under the control of the County Council, and the Station in the Borough of Carmarthen is one of the links in the County Scheme which serves the whole County.

Hospital Accommodation

Infectious Diseases

The infectious Diseases Hospital is situated at Upper Tumble, near Llanelly, and is under the control of the Regional Hospital Board.

General Hospital Facilities

Hospital facilities are available at Priory Street and at Glangwili and both hospitals are known as the West Wales General Hospital. The hospital provides treatment for general medical and surgical diseases for the whole of the West Wales area.

Home Nursing

This service is undertaken by two whole-time District Nurses in the direct employ of the County Council. Midwifery work is also undertaken by two whole-time Midwives directly employed by the County Council.

The Care of Unmarried Mothers and their Children

Arrangements are made for unmarried mothers to be admitted to one of the following hostels:—Northlands, Cardiff; Cwmdonkin Shelter, Swansea; The Llandaff Diocesan Moral Welfare Committee Hostel, Penarth or the St. Martin's Home, Hereford.

These arrangements are made by the County Council.

Venereal Diseases

The Regional Hospital Board is responsible for the treatment of Venereal Diseases. There are no clinics in the Borough, the nearest being at Llanelly.

SEWERAGE SCHEMES

Whilst it is gratifying to report that work is proceeding on the Bronwydd Road Sewerage Scheme, it is very unsatisfactory to record what a long time work on this scheme appears to be taking. It is essential that this scheme is completed as soon as possible, not only because of its need, but also to enable work to proceed forthwith on the scheme to serve the Johnstown area. This latter scheme is being prepared by the Council's Consulting Engineers and will be submitted to the Ministry for approval in the very near future.

HOUSING

Housing continues to be a major problem, and it is again disappointing to record that the Council's building programme remained at a complete standstill.

However, now that the roads and sewers contract on the Wauniago site has been completed one looks forward confidently to an early resumption of Council house erection in the town.

Official representation in respect of the following Clearance Areas was made during the year:—

Clearance Area No. 15—Mill Street, Spring Gardens and Island Row area.

Clearance Area No. 16—Cambrian Place area.

Clearance Area No. 17—Towyside area.

WATER SUPPLY

During the late summer and early autumn the work carried out on scraping the mains bringing water from Cwmtawel Reservoir to the town together with a period of drought resulted in the level of the water in the reservoir falling dangerously low, with the consequence that water had to be pumped from the River Gwili. At one time the town's supply of water had fallen as low as one day's supply. Works carried out to combat this situation resulted in the water becoming contaminated, and despite heavy chlorination it was considered essential that all water used for drinking purposes should be boiled. Due to the prolonged drought and continued pumping from the River Gwili the boiling of water had to be persisted in for many months.

I have in my Annual Reports over the years advised the Council to give careful consideration to the Borough Water Supply, with particular reference to its future augmentation from some other source. During the last two years tentative discussions have taken place with the Rural District Council with a view to obtaining water from the Towy Water Scheme. Unfortunately these discussions have been rather long drawn out and have not proceeded as expeditiously as, in my opinion, it was necessary for them to do. However, one is given to understand that details of the scheme to supply water from the Towy to the town are now almost complete, and although, in all probability, there must be a time lag of two to three years before such a scheme can come into operation it is good to note that at long last there is some finality in the matter. In the meantime all that the Water Department of the Council can do is to heavily chlorinate the present supply to ensure its safety, irrespective of its palatability.

I stress to the Council the urgency of this matter, and trust they will give it top priority in their proceedings.

Samples of water taken during the year:—

Source	No. of Samples	No. Satisfactory	No. Unsatisfactory
Municipal Buildings	126	80	46
St. David's Avenue	59	55	4
Hospital	133	104	29
Tanerdy	126	109	17
Henallt	126	115	11
Limegrove Avenue	69	67	2
Spilman Street	110	90	20
13, John Street	104	86	18
Speedwell Yard, Lammas Street ..	101	79	22
10, Priory Street	106	84	22
144, Priory Street	1	—	1
72, Priory Street	1	—	1
59, Priory Street	1	—	1
Dukes Yard	1	—	1
Old Priory Row	1	—	1
2, Oak Terrace	1	—	1
134, Priory Street	1	—	1
3, Chapel Yard	1	—	1
Upper Cwmoernant Reservoir ..	73	2	71
Lower Cwmoernant Reservoir ..	123	3	120
Cwmtawel Reservoir:			
Reservoir	22	1	21
Valve Tower	15	4	11
Top Supply	18	—	18
Rhydymarchog Supply	17	1	16
Pump Outlet	4	4	—
By Wash	5	—	5
Dam	8	1	7
Springs:			
(Glanffrwd, Tyrhos & Rhydymarchog)	66	20	46
Gwili River	7	—	7
Springfield Tank	2	2	—
Glanyrafon	2	—	2
Trevaughan	1	1	—
Llanstephan Road	1	—	1
Springfield Road	1	—	1
St. Clears Road	1	—	1
Russell Terrace	1	1	—
Bronwydd Arms	1	—	1
Heol Rudd	1	1	—
Tyrhos (Bulk)	1	—	1
Totals	1,438	910	528

The Borough Engineer and Surveyor reports as follows:—

“1. Water Supply

- (a) The troubles experienced in the Autumn have been brought under partial control, but continual watch has to be kept as the situation is delicately balanced. The bacteriological results are now consistently good as a high standard of chlorination is maintained. Some difficulty has been found in maintaining adequate pressures in the Milestones district at Tanerdy and this area is now to be fed from the high pressure system.

A booster station to supply the higher end of Russell Terrace is under construction and should be in operation in February.

- (b) Two outbreaks of *Daphnia* infestation occurred during the Autumn and were promptly dealt with by means of treatment of the reservoirs with copper sulphate.

- (c) Details of water connections:—

(i) Number of Dwelling Houses	3,583
(ii) Population supplied direct to houses	12,700
(iii) Population supplied by means of stand-pipes	550

- (d) The Llanllwch and Travellers Rest water supply scheme has been approved and work is expected to start in February. A scheme for the re-organisation of the town water supply has been prepared and awaits the approval of the Ministry.

2. Drainage and Sewerage

The Bronwydd Road Sewerage Scheme is well in hand although progress is disappointingly slow.

The Johnstown Scheme, which includes the sewage disposal works is being prepared by the Council's Consulting Engineers will be submitted for Ministry approval in the very near future.

3. Housing

The Roads and Sewers Contract for 120 houses at Wauniago has been completed and work on the first 21 houses is expected to commence in January.

During the year private enterprise has built 56 houses and a further 42 are under construction.

4. Housing Purchase and Housing Act, 1959

Number of Applications for Standard Grant	4
Number of Applications approved	2

Housing (Financial Provision) Act, 1958

Number of Applications for Discretionary Grant	17
Number of Applications approved	15

**CASES OF INFECTIOUS AND OTHER NOTIFIABLE DISEASES
WHICH OCCURRED DURING 1961—CLASSIFIED IN AGE GROUPS**

Disease	Number of Cases Notified at Ages — Years									TOTAL CASES	No. of cases re- moved to Hospital or Sanatorium.
	Under 1 year	1 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 years and upwards	Age Unknown			
Scarlet Fever	—	6	7	—	—	—	—	—	—	13	—
Whooping Cough	1	5	7	—	—	—	—	—	—	13	—
Measles	7	88	58	—	—	—	—	—	—	153	—
Tuberculosis: Respiratory	—	—	1	—	2	3	2	—	—	8	6
Other Forms	—	—	—	—	1	1	—	—	—	2	2
Totals	8	99	73	—	3	4	2	—	—	189	8

INFECTIOUS DISEASES

Apart from a small epidemic of Measles there was no untoward outbreak of infectious disease.

During the year 153 cases of Measles were notified, 150 of these were children under nine years of age. There was no death from this disease or any of its sequelae.

It is pleasing to record that no cases of Diphtheria, Food Poisoning or Poliomyelitis occurred,

IMMUNISATION

The following statistics have been received from the County Medical Officer of Health (the County Council being the Local Health Authority) relative to children in the Borough immunised during the year:—

	Primary Immunisation	
	Children under 5 years	Children 5-14 years
Diphtheria only	85	8
Diphtheria/Whooping Cough	86	5
Diphtheria/Whooping Cough/Tetanus ..	38	2
Diphtheria/Tetanus	—	1
Whooping Cough only	51	—

Number of children who received “Booster” doses = 91.

I should like once more to stress upon parents the need for the immunisation of all children, especially against Diphtheria, and that they receive “Boosting” doses at five yearly intervals.

I fear the non-occurrence of this disease in the Borough for the last seventeen years has tended to make parents forget the value of immunisation.

VACCINATION

Statistics relating to vaccination against Poliomyelitis, for the County as a whole, given by the County Medical Officer of Health are as follows:—

Group	Number who received two injections during 1961.	Number who received one injection during 1961.
Children born in the years 1943-1961 ..	3,468	500
Persons born in the years 1933-1942 ..	1,843	—
Persons born before 1933 and under 40 years of age	3,291	—
Expectant Mothers	199	—
Others	—	100

In addition, during the year, 8,478 persons received their third injection, and 6,467 received their fourth injection.

Although it is not claimed that vaccination against this disease will guarantee complete immunity it is quite certain that a high percentage of vaccinated persons will develop complete immunity and I would therefore advise all those eligible to have this protection.

SCHOOLS

The Local Education Authority is the County Council.

There are six Primary Schools (nine Departments) and three Secondary Schools within the Borough.

Schools closed on account of Infectious diseases

No Schools were closed on account of Infectious Diseases during the year.

TUBERCULOSIS REGISTER—NOTIFICATIONS AND WITHDRAWALS

	Respiratory		Non-Respiratory		Totals	
	M	F	M	F	M	F
Number of cases on Register, 1/1/61	77	52	3	9	80	61
Number of cases notified for the first time during the year	4	4	1	1	5	5
Number of transfers from other areas during the year ..	2	1	—	—	2	1
Number of cases removed from the Register during the year	11	5	—	—	11	5
Number of cases remaining on the Register as at 31/12/61	72	52	4	10	76	62

**NEW CASES OF, AND MORTALITY FROM TUBERCULOSIS,
1961**

Age Period in years	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
0—1 ..	—	—	—	—	—	—	—	—
1—5 ..	—	—	—	—	—	—	—	—
5—15 ..	1	—	—	—	—	—	—	—
15—25 ..	—	—	—	—	—	—	—	—
25—35 ..	—	2	—	—	—	—	—	—
35—45 ..	—	—	1	—	—	—	—	—
45—55 ..	—	—	—	1	—	—	—	—
55—65 ..	3	—	—	—	—	—	—	—
65 and over	—	2	—	—	—	1	—	—
Age unknown	—	—	—	—	—	—	—	—
Totals ..	4	4	1	1	—	1	—	—

There were ten new cases of tuberculosis during the year (eight Respiratory; two Non-Respiratory) and there was one Respiratory Tuberculosis death.

The Mobile Unit which replaced the former Static X-Ray Unit stationed at Gwalia House, John Street made forty-five visits to the town and examined 2,249 persons.

This Unit visits the town every Tuesday, and is situated outside the Malt House in John Street. It is open to the general public at the following times:—

10—12 noon. 2 p.m.—4 p.m. 5 p.m.—6.30 p.m.

**TUBERCULOSIS—INCIDENCE AND DEATH RATES FOR
LAST TWENTY YEARS—1942—1961**

Year	INCIDENCE			DEATHS		
	Case Rate per 1,000 Population			Death Rate per 1,000 Population		
	Resp.	Non-Resp.	Total	Resp.	Non-Resp.	Total
1942	1.57	.08	1.65	.75	.16	.91
1943	1.24	.09	1.33	.80	—	.80
1944	1.75	.58	2.33	.58	.39	.97
1945	1.79	.19	1.98	.29	.09	.38
1946	1.37	.68	2.05	.68	.19	.87
1947	1.66	.29	1.95	.68	.09	.77
1948	1.04	.08	1.12	.32	—	.32
1949	1.67	.23	1.90	.79	—	.79
1950	1.89	.31	2.20	.39	.07	.46
1951	1.41	.33	1.74	.16	.16	.32
1952	2.01	.25	2.26	.25	.08	.33
1953	2.17	.08	2.25	.17	.08	.25
1954	.84	.34	1.18	.34	.08	.42
1955	1.94	.34	2.28	.34	—	.34
1956	1.35	.08	1.43	.25	—	.25
1957	1.69	.17	1.86	.17	—	.17
1958	.84	.08	.92	.08	—	.08
1959	.75	.17	.92	—	.25	.25
1960	.83	.08	.91	.08	—	.08
1961	.63	.16	.79	.08	—	.08
Average for the twenty years	1.42	.23	1.65	.36	.08	.44
Average for the first 5 year period 1942-1946	1.55	.32	1.87	.62	.17	.79
Average for the last 5 year period 1957-1961	.95	.13	1.08	.08	.05	.13

NATIONAL ASSISTANCE ACTS, 1948 TO 1951

Section 47 of the 1948 Act

This section, as amended in 1951, gives power to remove compulsorily to hospital or Part III accommodation persons in need of care and attention, which they are unable to provide for themselves and which they are not receiving from other persons.

No Order was made under this section during the year.

The living conditions of a few old people were however investigated. One female was found to be in need of care and attention but she voluntarily agreed to enter an Institution, thereby saving the unpleasantness of Court proceedings.

SANITARY CIRCUMSTANCES OF THE AREA

GENERAL SANITATION

Nature of Visit or Inspection.	No. of Visits.
Water Supplies	1,438
Drainage	17
Offensive Trades	1
Tents, Vans, Sheds	9
Bakehouses	2
Public Conveniences	9
Refuse Collection	2
Refuse Disposal	—
Rats and Mice	460
Schools	—
Miscellaneous Sanitary Visits	21

HOUSING

Nature of Visit or Inspection	No. of Visits.
Under Public Health Acts	
Number of houses inspected	29
Visits paid to above houses	29
Under Housing Acts	
Number of houses inspected	—
Visits paid to above houses	—
Overcrowding	
Number of houses inspected	3
Visits paid to above houses	3
Verminous Premises	
Number of houses inspected	3
Visits paid to above houses	3
Miscellaneous housing visits	11

INFECTIOUS DISEASES

Inquiries in cases of Infectious Disease	21
Miscellaneous Infectious Disease Visits	—
No. of rooms disinfected	27

MEAT AND FOOD INSPECTION

Inspection of Meat and Meat Shops

Nature of Visit or Inspection	No. of Visits
No. of Slaughterhouses in area	1
No. of visits made to above Slaughterhouse ..	549
No. of visits to butchers	116
No. of visits to Shops and Stalls	56

Food Premises

There are approximately 97 food premises in the Borough, viz:—

Butchers' Shops	9
Grocers' Shops	33
Greengrocers' Shops	13
Bakers' Shops, etc.	12
Cafes	15
Fish and Chip Restaurants	12
Fishmongers' Shops	3

Sixty-nine food premises have been registered under Section 16 of the Food and Drugs Act, 1955, viz:—

(a) Premises where the manufacture, or storage and sale of ice-Cream is carried out ..	64
(b) Premises used for the preparation or manufacture of sausages, or potted, pressed, pickled or preserved food intended for sale ..	5

Foodstuffs condemned by the Public Health Inspector at Shops, etc. (excluding the Slaughterhouse):

Meat Products	409 tins.
Fruit Products	161 tins.
Fish Products	522 tins.
Vegetable Products	73 tins.
Marshmallow biscuits and sweets ..	1,000 boxes.
Tenderloin	16½ lbs.
Bacon	31 lbs.
Pork Chops	36 lbs.
Potatoes	7½ tons.
Apples	22 cases.

Condemned foodstuffs are disposed of by burial at the local refuse tip.

Ice-Cream (Heat Treatment, etc.) Regulations

During the year five premises were registered for the storage and sale of ice-cream.

There are three ice-cream manufacturers in the Borough, and their product complies fully with the requirements of the above Regulations. Retailers, most of whom sell pre-packed ice-cream supplied by well known manufacturers, number sixty-one.

The premises of both manufacturers and retailers are regularly visited by the Public Health Inspector to ensure that the highest possible standard of personal hygiene is maintained by the handlers of this product, and that all utensils used are kept in a most clean condition.

The Food Hygiene (General) Regulations, 1960

The Public Health Inspector made numerous visits to food premises in the town, and with the co-operation of the occupiers concerned every effort is being made to maintain the highest standard of food hygiene.

The Butchers' stalls in the Market, which have been modernised during recent years, satisfy the requirements of the Regulations. The proposed transfer of the Cooked Meat and Pastry stalls from the Central Hall of the Market to separate stalls similar in construction to those used by the butchers is still awaiting to be done.

HOUSING

Inspections of dwelling houses during the year

	No. of Houses
(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	29
(b) Number of inspections, made for the purpose	29
(2) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	7
(3) Number of dwelling houses (exclusive to those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ..	21

Houses Demolished**In Clearance Areas** No. of Houses

- | | |
|--|---|
| (1) Houses unfit for human habitation | — |
| (2) Houses included by reason of bad arrangement,
etc. | — |
| (3) Houses on land acquired under Sect. 43(2)
Housing Act, 1957 | — |

Not in Clearance Areas

- | | |
|--|---|
| (4) As a result of formal or informal procedure
under Sect. 16 or Sect. 17(1) Housing Act, 1957 | — |
| (5) Local Authority owned houses certified unfit
by the Medical Officer of Health | — |
| (6) Houses unfit for human habitation where
action has been taken under local Acts | — |
| (7) Unfit houses included in Unfitness Orders | — |

Unfit Houses Closed

- | | |
|--|---|
| (8) Under Sects. 16(4), 17(1) and 35(1) Housing
Act, 1957 | 4 |
| (9) Under Section 17(3) and 26, Housing
Act, 1957 | — |
| (a) Unfit Houses made fit and Houses in which
defects were remedied after informal action
by the local authority | — |
| (b) Public Health Acts—action after service of
formal notice—Houses in which defects
were remedied:— | |
| (i) By owners | — |
| (ii) By local authority in default of owners | — |
| (c) Housing Act, 1957—action after service of
formal notice:— | |
| Houses made fit:— | |
| (i) By owners | — |
| (ii) By local authority in default of owners | — |

Housing Act, 1957—Part IV— Overcrowding

(a)	(i)	Number of dwellings overcrowded at the end of the year	94
	(ii)	Number of families dwelling therein ..	110
	(iii)	Number of persons dwelling therein ..	298
(b)	(i)	Number of new cases of overcrowding reported during the year ..	3
	(ii)	Number of cases of overcrowding relieved during the year	7

MEAT INSPECTION

Year by year the amount of cattle, sheep, etc., slaughtered for human consumption at the slaughterhouse continues to increase. Meat inspection work now takes up so much of the Public Health Inspector's time that it is almost impossible for him to give the necessary attention to all his other duties, and it is a matter of necessity that the Council should make further endeavours to appoint an additional Public Health Inspector.

THE SLAUGHTERHOUSES ACT, 1958

The preliminary report, submitted by the Council in 1960, on the proposed improvements to be carried out at the Slaughterhouse, was not accepted by the Minister, and certain modifications had to be made. These modifications have been included in a new plan, and this will be submitted to the Minister for approval as soon as certain estimates have been received.

It is anticipated that the necessary improvements will be completed by January, 1963.

**CARCASES AND OFFAL INSPECTED AND CONDEMNED
IN WHOLE OR IN PART**

	Cattle, includ- ing Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	4255*	237	22274	4514	Nil
Number inspected	4255*	237	22274	4514	Nil
All Diseases except Tuberculosis and Cysticerci.					
Whole carcasses condemned	23	1	15	6	Nil
Carcasses of which some part or organ was condemned ..	318	3	804	16	Nil
Percentage of the number in- spected affected with disease other than tuberculosis and cysticerci	8.01 %	1.69 %	3.68 %	0.49 %	Nil
Tuberculosis Only					
Whole carcasses condemned	3*	Nil	Nil	Nil	Nil
Carcasses of which some part or organ was condemned ..	43*	Nil	Nil	4	Nil
Percentage of the number in- spected affected with tubercu- losis	1.08 %	Nil	Nil	0.09 %	Nil
Cysticercosis.					
Carcasses of which some part or organ was condemned ..	Nil	Nil	Nil	Nil	Nil
Carcasses submitted to treat- ment by refrigeration ..	Nil	Nil	Nil	Nil	Nil
Generalised and totally con- demned	Nil	Nil	Nil	Nil	Nil

* Of the 4,255 cattle killed and inspected, 96 were sent in as reactors under the Tuberculosis (Eradication) Order, and the three whole carcasses and 43 parts condemned on account of Tuberculosis were from these reactors.

FOOD AND DRUGS ACT AND REGULATIONS

Mr. D. R. Watkins, Chief Inspector with the County Council, has submitted the following report on work done within the Borough of Carmarthen:—

“Total number of samples submitted to the Public	
Analyst for analysis	99
Informal samples of milk tested at this office ..	48
Alcoholic spirits tested on licensed premises ..	5
Milk samples sent to the Public Health Laboratory for bacteriological or biological examination ..	111
	263

Milk samples submitted to the Public Analyst

Number of samples submitted	46
Certified genuine	40
Slightly deficient in Fat	2
Slightly deficient in Non-fatty Solids	4

Informal samples of Milk

Forty-eight samples of milk taken at schools and other establishments were tested at this office by the sampling officers. Forty-seven samples were found to be genuine in compositional quality whereas one sample was found to be slightly deficient in fat.

Miscellaneous articles of Food and Drugs

Number of samples submitted to the Public Analyst	53
Number reported to be genuine	46
Number reported to be unsatisfactory	7

Unsatisfactory Samples

<i>Description of Sample.</i>	<i>Nature of deficiency or irregularity.</i>
Home-made Rhubarb Jam.	16% deficient in Fruit and 9% deficient in Soluble Solids.
Blackcurrant Jam.	0.6% deficient in Soluble Solids.
Mustard.	14% deficient in Volatile Oil of Mustard.
Mild Mustard. (2 samples).	Ingredients not declared in the correct order on the containers.
Cream of Chicken Soup.	The fat had become rancid.
Steak and Kidney Pie.	Patches of mould found on the meat.

Legal proceedings were taken in respect of the 'mouldy' Steak and Kidney Pie and fines and costs totalling £53/5/0 were imposed on the suppliers.

The suppliers or manufacturers of the remaining six samples were notified of the deficiencies or irregularities and instructed to take immediate steps to rectify matters.

Unsatisfactory articles of food examined in this department not submitted to the Public Analyst

Legal proceedings were taken in respect of the following unsatisfactory articles of food brought to the notice of the department by private purchasers:—

<i>Article.</i>	<i>Nature or irregularity.</i>	<i>Fines & Costs imposed.</i>
Steak & Kidney Pie	Growths of mould on the meat	£51/16/4
Pork Pie	-ditto-	£52/5/0

It was mentioned in the report for the year 1960 that an appeal by way of case stated to the High Court had been made against the magistrates' decision in dismissing a case in respect of the sale of a sample of Almond Paste reported by the Public Analyst to be deficient in ground almond content. The appeal was allowed with costs and the case was remitted to the magistrates' court with a direction that the case had been proved. Fines and costs totalling £13/10/0 have since been imposed by the magistrates.

Alcoholic Spirits

Five samples of alcoholic spirits were tested by means of a Sikes' hydrometer by officers of this department and all were found to be genuine.

The Milk (Special Designation) Regulations, 1960

The results of the bacteriological tests carried out on samples of milk taken from licensed dealers were as follows:—

	<i>Satisfactory.</i>	<i>Unsatisfactory.</i>	<i>Tests void.</i>	<i>Total.</i>
Pasteurised Milk ..	17	—	—	17
Tuberculin Tested (Raw) Milk ..	18	7	1	26
Sterilized Milk ..	2	—	—	2
	—	—	—	—
	37	7	1	45
	—	—	—	—

Milk samples taken at schools and other establishments and submitted for bacteriological examination

Satisfactory	..	..	..	..	56
Unsatisfactory	..	..	..	..	3
Tests void	..	..	..	..	3
					—
					62
					—

Biological examination of Milk samples

Four samples of milk were taken at the request of the Welsh Board of Health at St. David's Hospital farm and were sent to the Public Health Laboratory for guinea-pig inoculation. Three samples were reported to be free from any infection but the tests could not be completed on the fourth sample."

**AMOUNT OF SHIPPING ENTERING THE PORT
SANITARY DISTRICT DURING THE YEAR 1961**

There is nothing to report under any of the headings.

Administration of the Factories Acts, 1937 to 1959

Duties of the Sanitary Authority under the Factories Acts have been carried out by the Public Health Inspector as part of his routine work, and a close liaison has been maintained with the District Inspector of Factories.

PART I. OF THE ACT

1. Inspections for purposes of provisions as to health (including inspections made by the Public Health Inspector).

Premises	Number on Register.	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	23	9	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	111	27	Nil	Nil
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	Nil	Nil	Nil	Nil
Total	134	36	Nil	Nil

2. Cases in which defects were found.

Particulars.	Number of cases in which defects were found.				No. of cases in which prosecutions were instituted.
	Found.	Remedied	Referred.		
			To H.M. Inspector.	By H.M. Inspector.	
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
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 Outwork)	Nil	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil	Nil

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

Nature of work	Section 110			Section 111		
	No. of outworkers in Aug. list required by Section 110 (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 apparel: Making etc. ..	1	—	—	—	—	—
Total	1	—	—	—	—	—



