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Contributors

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LLANDOVERY BOROUGH COUNCIL

ANNUAL REPORT

OF

MEDICAL OFFICER OF HEALTH

FOR

1963.



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1972

PHYSICS DEPARTMENT

1972

1972

TO:

The Mayor and Councillors of the Borough of Llandoverly.

Mr. Mayor, Aldermen and Members,

I beg to present my twelfth Annual Report for the year ending 31st December 1963.

Registrar General's mid year estimated population was the same as for 1962, although there were fewer births and more deaths. The greatest increase in deaths was due to heart and circulatory diseases. In spite of the severe winter there were no outbreaks of influenza or other infectious diseases.

This report is divided into two parts and the second part, dealing with the sanitary circumstances in the area, has been prepared by Mr. Davies your Public Health Inspector. I wish to take this opportunity of thanking him and the members of the Council and the staff for their continued help and interest in the work of the Health Department during the year.

I have the honour to be

Your obedient Servant,

G. M. Herbert,

Medical Officer of Health.

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GENERAL STATISTICS.

Area	1,266 acre
Population	1,911
Rateable Value			...	£ 48,170
Sum represented by a penny rate			...	£ 177
Number of Inhabited Houses			...	646
Number of Uninhabited Houses			...	5
Number of Council Houses completed during the year				Nil
Number of Private Houses completed during the year.				2

VITAL STATISTICS.

<u>Births and Deaths</u>				<u>Male.</u>	<u>Female</u>	<u>Total.</u>
<u>Live Births</u>						
Legitimate	...	...	...	10	13	23
Illegitimate	...	...	...	1	1	2
				<u>11</u>	<u>14</u>	<u>25</u>

Illegitimate Live Births per cent of total live births.

Llandoverly	...	...	...	8.00
Carmarthenshire	...	...	...	3.92
England and Wales	...	...	...	-

BIRTH RATES. per 1,000 estimated population.

Llandoverly	...	...	...	12.56
Carmarthenshire	...	...	...	14.57
England and Wales	...	...	...	18.20

STILL BIRTHS. For the third year in succession, there were no still births in this area.

Still Birth Rates. per 1,000 live and still births.

Llandoverly	...	...	...	0.00
Carmarthenshire	...	...	...	26.09
England and Wales	...	...	...	-

INFANT MORTALITY. Also for the third year in succession, there were no infant deaths.

Infant Mortality Rates - per 1,000 total live births

	<u>Llandoverly.</u>	<u>C.C.C.</u>	<u>England & Wales.</u>
Early Neonatal - under 1 week	0.0	17.31	-
Neonatal - under 1 month	0.0	19.37	15.1
Infant mortality - under 1 year	0.0	23.03	20.09
Perinatal mortality - still births and early neonatal per 1,000 live and stillbirths.	0.0	42.95	-

MATERNAL MORTALITY.

There were again no maternal deaths resulting from pregnancy or childbirth.

Maternal mortality rate per 1,000 live and still birth.

Llandoverly	...	...	...	0.0
Carmarthenshire	...	...	...	0.8
England and Wales	...	...	...	0.28

DEATHS. All ages and all causes.

There were 30 deaths this year, 11 male and 19 female - an increase of 12 over 1962.

55% of the males were 65 years or over and 63% of the females.

36% of the males were 70 or over and 63% of the females.

7% of the males were 75 or over and 58% of the females.

None of the males were over 80 but 47 % of the females and 26% were over 85 years.

Number of deaths and Rates per 1,000 population.

	<u>Number</u>		<u>Rates.</u>
	<u>Male.</u>	<u>Female.</u>	
Tuberculosis	0	0	0.0
Diphtheria	0	0	0.0
Acute Poliomyelitis	0	0	0.0
Other infective & parasitic diseases	0	0	0.0
Cancer	4	1	2.51
Diabetes	0	0	0.0
Vascular Lesions of nervous system	1	5	3.02
Coronary disease	2	3	2.51
Other heart disease	0	5	2.51
Circulatory disease	0	2	1.00
Influenza	0	0	0.0
Pneumonia	0	0	0.00
Bronchitis	1	0	0.50
Other diseases of respiratory system	0	1	0.50
Gastritis, enteritis and diarrhoea	0	0	0.20
Congenital malformations	0	0	0.0
Other defined and illdefined diseases	2	1	1.51
Motor vehicle accidents	1	0	0.50
Suicide.	0	1	0.50
Total	<u>11</u>	<u>19</u>	<u>15.07</u>

Death rate per 1,000 population -

Llandoverly	-	15.07
Carmarthenshire	-	14.35
England & Wales	-	12.2

CANCER.

There were again five deaths from Cancer but this year four were males including one suffering from lung cancer.

Cancer death rates - Llandoverly	-	2.51
Carmarthenshire	-	2.14
England & Wales	-	2.2

PREVALENCE AND CONTROL OF INFECTIOUS DISEASES (other than tuberculosis)

No cases were notified during the year.

DIPHTHERIA AND WHOOPING COUGH IMMUNISATION.

For another year again it is gratifying to be able to report that there were no cases of Diphtheria or Whooping Cough. Inoculations against these two diseases were given by the Medical Practitioners and at the Infant Clinic. This is held on alternate Tuesday afternoons. Parents are advised to take the opportunity of protecting their children in this way, particularly as a small, but increasing number of cases of diphtheria have occurred in many parts of the country during the year. During the year a combined inoculation for Diphtheria, Whooping Cough and Tetanus was given.

The numbers inoculated in the Borough during 1963 were :-

	<u>Under 5 years</u>	<u>Boosters.</u>
Triple Antigen	2	-
Diphtheria	11	-
" and tetanus	-	1

SMALL POX VACCINATION.

	<u>No. Vaccinated</u>	<u>No. Revaccinated.</u>
Under 1 year	155	-
1 "	73	-
2 - 4	9	3
5 -14	9	5
<u>POLIOMYELITIS.</u> 15 & over	28	64

In addition a number of children were vaccinated against Poliomyelitis and oral vaccination (Sabin) was also given during the year. Separate figures for the Borough are not available but the number of children vaccinated in the County were :-

POLIOMYELITIS VACCINATION (Whole County)

(Salk Vaccination)

	<u>Received 2 Injections</u>	<u>Received 1st Injection.</u>
1. Number of children born 1943-60	55	-
2. Persons born 1933-42	259	-
3. " before 1933 who have not passed 40 th Birthday	564	-
4. Expectant mothers	42	-
5. Others	22	-
Number received 3rd injection during the year	-	480
Number received 4th " " " "	-	104

SABIN VACCINATION.

	<u>Received 3 doses</u>	<u>Received 2 doses</u>	<u>Received 1 dose.</u>
Children from 1943-60	1,831	-	-
1933-42	45	-	-
Born before 1933	127	-	-
Others	95	-	-
Number of persons given one dose of Sabin after two doses of Salk -	664		
" " " " " " " " " " " three " " " "	591		

TUBERCULOSIS

BCG. Vaccination - (Whole County)

1. <u>Contact Scheme.</u>		
i) Number skin. tested	-	199
ii) " found negative	-	141
iii) " vaccinated	-	123
2. <u>School Children Scheme.</u>		
i) Number skin. tested	-	384
ii) " found negative	-	325
iii) " vaccinated	-	319

One case of tuberculosis was reported during the year, a male suffering from respiratory disease.

Case and death rates	Llandovery	Carmarthenshire.
Case rates per 1000 population Respiratory	0.50	) 0.41
Non-respiratory	0.0	
Death rates per 1000 population Respiratory	0.00	0.05
Non-respiratory	0.0	0.00

The Mass Radiography Unit did not visit the Borough during the year.

NATIONAL ASSISTANCE ACT 1948 sec. 47.

No action was required during the year.

FACTORIES ACT.

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

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.	11	22	Nil	Nil
(ii) Factories not included in (i) in which section 7 is enforced by the Local Authority	10	30	Nil	Nil
(iii) Other Premises in which section 7 is enforced by the Local Authority (excluding out-workers' premises)	Nil	Nil	Nil	Nil
Total.....	21	52	Nil	Nil

2. - Cases in which Defects were found.

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	Nil	Nil	Nil	Nil	Nil
Overcrowding (S.2)					
Unreasonable temperature (S.3)					
Inadequate ventilation (S.4)	Nil	Nil	Nil	Nil	Nil

The Annual Report of the Public Health Inspector
for the Year Ending 31st December 1963.

Mr. Mayor, Mrs Rees and Gentlemen,

From a Public Health point of view the year 1963 will be particularly remembered for the extremely cold weather and the effect the extreme temperatures had on the water distribution system of the Borough and the disorganising of the sewerage treatment works by the freezing over of filter beds during the first three months of the year. The water distribution system did not recover from its effects during 1963. I submit for your attention and consideration the Annual Report for the year ending 31st December 1963.

WATER SUPPLY.

Tonn Borehole Supply.

The Tonn Borehole is the source of water supply for the Town of Llandovery, 45,581,000 gallons were pumped during 1963 an average of 124,879 gallons per day. This includes the water that was lost due to seven water main fractures and 190 yards of split 3" diameter water mains.

The water at the Borehole is soft with a pH of 6.2 this is corrected with a lime saturator which adds lime to the supply increasing its pH to 7.31. The saturation value of lime in this water is pH 7.7. Difficulty was experienced due to the lime added being deposited on the venturi tube at the dosage point of the rising water pumping main this is corrected by periodical removal by chipping.

Bacteriologically and organically this water is of high quality before treatment. The samples submitted to the Public Analyst resulted in the following observations;

- " The lime treatment had corrected the corrosive tendency of the water. Organically this water was of the highest chemical quality and its bacteriological condition was equally satisfactory".

Two samples were submitted to the Public Analyst for tests of Fluorine Content No. 1 sample 0.056 p.p.m. No.2 sample 0.054 p.p.m. The Fluoride content regarded as desirable is 1.0 p.p.m. The water supply contains 1/20 of the Fluoride content recommended.

The Tonn Borehole is 47'-6" deep in gravel, it is 18 inches in diameter, it is lined with steel tube, slotted 20'-0" below the surface of the ground.

The treatment plant is housed at the head of the borehole in a heated brick pump house and treatment plant house. The quantity from this source is sufficient for the foreseeable future need of the Borough of Llandovery. In addition to the correction of the pH with the addition of powdered hydrated lime the water is chlorinated by chlorine gas. The water is checked every two days for residual chlorine.

Cynnant Supply.

This supply from three springs in the valley of the Cynnant River near Cynnant Farm in the Parish of Llanfair-ar-y-bryn supplies the 50 dwellings and 9 farms in the Llandeilo Rural District Council and five houses and one farm inside the Borough of Llandovery, all the premises being connected to what was the trunk main supplying the Town of Llandovery, the quantity delivered during 1963 to the service reservoir supplying the Town of Llandovery being insufficient to record on a direct recording meter, is estimated at a few thousand gallons per day, the main flow being checked artificially by the partially closing of a valve to provide sufficient pressure to supply the premises on route, the original flow of the 4" diameter main having been reduced by internal corrosion to the trunk main.

Distribution.

All the premises in the Borough are supplied with water from the piped public supply with the exception of one farm and three houses. The farm and two houses have their own private supply piped into the houses. The houses connected to the piped public supply are supplied directly into the houses except two houses who are supplied by a stand pipe.

Number of houses supplied from public water mains direct to the house	639.
Number of houses supplied from stand pipes	- - - 2.

Sewerage and Sewage Disposal.

As the result of a survey carried out to detect surface water infiltrating into the foul sewer five lengths showing the largest amount of infiltration were exposed and repaired. The area of sludge drying beds were increased during the year from 356 sq. yards to 550 sq. yards by the rearranging of the existing four sludge drying beds with earth embankment divisions and providing eight sludge drying beds with 9" brick division walls. The reports received from the samples taken of the effluent by the South West Wales River Board have been showing slightly excessive solids in suspension and a slightly high Biological Oxygen Demand 44 p.p.m. of suspended solids which should not have exceeded 30 p.p.m. and 25 p.p.m. B.O.D. which should not have exceeded 20 p.p.m. B.O.D. These standards are for a dilution of the effluent to river water of 1:8 the actual dilution of the effluent to the River Bran is considerably more than this. A sample taken after the completion of the Sludge Bed Scheme 16th January 1964, produced a satisfactory report. Suspension solids 40 p.p.m. B.O.D. 15.2 p.p.m.

Public Cleansing.

The household refuse is collected weekly and combined trade and household refuse from business premises is collected twice weekly. The refuse is tipped on a site in the Llandeilo Rural District Council area, east of the Borough in the Glangwydderig Farm area. The refuse is spread after each daily collection and covered with quarry waste. Flies and crickets are controlled with regular application of powder insecticide applied with a high pressure blower and rodent population by monthly Rodent Control treatments. Difficulty is being experienced in obtaining land suitable for the tipping of household refuse. Planning permission has been obtained to tip household refuse on a plot of land suitable for the purpose in the Llandeilo Rural District Council area, but as the price asked for the land was considered too high the purchase of this land was abandoned. The refuse tip now in use will take the household refuse until approximately the end of 1964. There is an urgent need for the purchasing or renting of suitable land for the disposal of household refuse.

Street Cleansing.

The sweeping of Borough roads is carried out by Borough Council employees and the County roads by Borough workmen on behalf of the County Council.

Caravan Sites.

Two Caravan Sites are licenced under the Caravan Site and Control of Development Act 1960.

- One is a Holiday Caravan Site for fifteen caravans.
- One a residential site for one caravan.

Improvement Scheme.

The following improvement schemes were completed during 1963.

Discretionary Improvement Scheme	-	3
Standard Improvement Scheme	-	3

Council Housing.

New applications for tenancy of Council Houses	-	-	11
Total on housing waiting list at the end of 1963	-	-	60
Termination of tenancy during the year.	-	-	3
Number of new houses built during the year	-	-	N11
Private houses built during the year	-	-	2

Housing Inspection.

Number of inspections	-	-	620
" " reinspections	-	-	710
" " informal notices served	-	-	12
" " " " complied	-	-	9

Statutory Notices Served.

Public Health Act 1936	-	-	2
Housing Act 1957 section 16	-	-	1

<u>Statutory Notices Complied Public Health</u>	-	-	-	1
Carried out by Council in default of owner	-	-	-	1
<u>Demolition Orders section 17 Demolition.</u>	-	-	-	1
<u>Section 16 Undertaking Accepted but not carried out by owner</u>	-	-	-	1

Food Premises.

<u>Bakehouses</u>				3
Number of visits	-	-	-	10
<u>Icecream Premises.</u>				21
Storage and sale	-	-	-	
<u>Sausage Manufacturing Premises</u>				3
Number of visits	-	-	-	12
<u>Milk Supply.</u>				
<u>Dairies</u>				
Dairies on register	-	-	-	1
<u>Butcher Shops</u>				5
Number of visits	-	-	-	25
<u>Grocer Shops.</u>				9
Number of visits	-	-	-	110
<u>Transport Cafe' and Hostel</u>				1
Number of visits	-	-	-	5
<u>Cafes.</u>				3
Number of visits	-	-	-	7
<u>Wet Fish Shops.</u>				2
Number of visits	-	-	-	1
<u>Fried Fish and Chip Shops.</u>				2
Number of visits	-	-	-	24
<u>Sweet Shops</u>				7
Number of visits	-	-	-	14
<u>Fruit Shops.</u>				5
Number of visits	-	-	-	10
<u>School Kitchens.</u>				3
Number of visits	-	-	-	7
<u>Residential Hotels.</u>				2
Number of visits	-	-	-	12
<u>Licensed Hotels and Public Houses</u>				13
Number of visits	-	-	-	43

Icecream (Heat Treatment etc) Regulations

The icecream sold in Llandoverly is prepacked icecream.

Food Condemned.

Tinned meat	-	-	160lbs 0 $\frac{1}{2}$ ozs.
" fruit	-	-	26lbs 5 $\frac{1}{2}$ ozs.
" fish	-	-	1lb. 0 oz.
" milk	-	-	2lbs 8 $\frac{1}{2}$ ozs.
Lemon cheese	-	-	2lbs 10 ozs.
Ketchup			7 ozs.

Disposal of Condemned Food.

All tinned food are split open and treated with Zinc Phosphide and buried in refuse disposal tip.

I am,
Your obedient Servant,
W. Davies,
Public Health Inspector and
Water Engineer.

The American Medical Association is a non-profit corporation organized for the purpose of promoting the interests of the medical profession and the public. It is composed of members who are licensed to practice medicine in the United States and who are engaged in the practice of medicine, surgery, or podiatry. The Association is organized into various sections and committees, each of which is authorized to act on behalf of the Association in matters relating to the interests of the medical profession and the public.

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