

[Report 1962] / Medical Officer of Health, Llandrindod Wells U.D.C.

Contributors

Llandrindod Wells (Wales). Urban District Council.

Publication/Creation

1962

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LLANDRINDOD WELLS URBAN DISTRICT COUNCIL

Town Hall,
LLANDRINDOD WELLS.

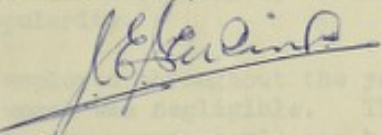
December, 1963.

To the Chairman and Members.

I have pleasure in submitting for your consideration the Report of the Sanitary Conditions and Vital Statistics of the Urban District for the year 1962.

This Report is prepared in accordance with the instructions issued by the Welsh Board of Health, Circular 1/63 (Wales) and presents briefly the scope and activities of the Health Department.

Yours faithfully,


Medical Officer of Health.



Sexes	1961	1962	1963
Population	2407	2412	2448
Age Group			
Under 15	754	757	759
15 to 20	256	250	257
20 to 25	195	196	197
25 to 30	213	203	214
Over 30	1389	1399	1408

The total of age group 15 to over 30 has increased from 36.8% to 41.8% over the period of 20 years (the national average of the combined age group is 36.2%).

The resident population of the town varies very little in numbers from the past years and there was no excessive mortality or epidemics and the health of the people was generally good.

MEMORANDUM FOR THE CHIEF OF BUREAU OF HEALTH

John Bell,
LAWRENCE WELLS,
October, 1963.

To the Director and Members.

I have pleasure in submitting for your consideration
the report of the Sanitary Conditions and Vital Statistics of
the State for the year 1962.

[Redacted]

This report is prepared in accordance with the
instructions issued by the State Board of Health, Circular 1963
(Series) and presents briefly the scope and activities of the

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LLANDRINDOD WELLS URBAN DISTRICT COUNCIL

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1962.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area of District	1509 acres
Registrar General's Estimate of Resident Population - Mid. 1962	3300 persons
Ditto Mid. 1961	3350 persons
Number of Inhabited Houses at the end of year (including flats)	1183
(Increase 19 during the year)	
Rateable Value - 31st December, 1962	£52,314
Product of Penny Rate	£209. 0. 9

NATURAL AND SOCIAL CONDITIONS.

The year 1962 brought little variation in the health and livelihood of the townspeople. The town as a health, holiday and tourist resort still retains its popularity.

The townspeople were fully employed throughout the year and unemployment of employable men and women was negligible. The efforts to obtain some light industry whereby the young people can be employed have as yet not been successful and many of our school leavers have still to be guided to training and employment elsewhere. The loss of young people from the district and depopulation caused thereby is leading to the majority of inhabitants being in the upper age group. The following tabulation indicates the present trend of reduction of lower age group:-

<u>Census</u>	<u>1931</u>	<u>1951</u>	<u>1961</u>
<u>Population</u>	2925	3212	3248
<u>Age Group</u>	%	%	%
Under 15	15.4	18.7	19.9
15 to 30	28.6	19.0	16.7
30 to 45	19.6	21.8	17.9
45 to 60	21.3	19.3	21.4
Over 60	15.2	21.2	24.1

The total of age group 45 to over 60 has increased from 36.5% to 45.5% over the period of 30 years (the national average of the combined age group is 36.2%).

The resident population of the town varies very little in numbers from the past years and there was no excessive mortality or epidemics and the health of the townspeople was generally good.

Climatological Conditions. The climatological conditions of 1962 were as detailed in the following tabulation which includes comparisons with the three previous years:-

	1962	1961	1960	1959
Total rainfall	36.3	42.67	50.80	41.3
Highest maximum temperature	76°F	85°F	79°F	82°F
Average maximum temperature	53°F	55.6°F	54.6°F	56.63°F
Lowest minimum temperature	2°F	14°F	21°F	8°F
Average minimum temperature	39.5°F	40.6°F	40.8°F	41.26°F
Sunshine hours	1263.2	1293.4	1253.3	1535.4

Occupations. There was no appreciable change in the occupation of the townspeople. The occupations can still be divided into those required for the health and holiday resort, Local Government Administration, Government Administration, Public Utilities, Agricultural and trades to do with agriculture with a very small number engaged on industrial manufacturing.

TABLE 1
VITAL STATISTICS OF THE DISTRICT DURING 1962.

	<u>TOTAL</u>	<u>Male</u>	<u>Female</u>
Live Births (Legitimate)	41	22	19
(Illegitimate)	4	2	2
	<hr/> 45	<hr/> 24	<hr/> 21
Still Births (Legitimate)	-	-	-
(Illegitimate)	-	-	-
	<hr/> Nil	<hr/> Nil	<hr/> Nil

LIVE BIRTHS.

Number	45
Rate per 1000 population	13.6
Rate per 1000 population - 1961	14.3
Illegitimate live births per cent of total live births	8.8

STILL BIRTHS.

Number	Nil
Rate per 1000 total live and still births	Nil
Total live and still births	45
Infant deaths (deaths under 1 year)	1

Infant mortality rates:-

Total infant deaths per 1000 total live births	20.2
Illegitimate infant deaths per 1000 illegitimate live births	Nil
Legitimate infant deaths per 1000 legitimate live births ..	24.4
Neo-Natal mortality rate (deaths under 4 weeks per 1000 total live births)	24.4
Early Neo-Natal mortality rate (deaths under 1 week per 1000 total live births)	24.4
Peri-Natal mortality rate (still births and deaths under 1 week combined per 1000 total live and still births)	24.4
Maternal mortality (including abortion):-	
Number of deaths	Nil
Rate per 1000 total live and still births	Nil

DEATHS.

	<u>Total</u>	<u>Males</u>	<u>Females</u>
Number of deaths	52	19	33

The death rate per 1000 of the estimated resident population was 15.7.

Death rates for previous years:-

1961	-	14.9
1960	-	14.9
1959	-	14.5
1958	-	13.55
1957	-	11.76
1956	-	15.4
1955	-	15.33

TABLE 2

STATISTICS OF CAUSES OF DEATH

<u>CAUSES OF DEATH</u>	<u>M.</u>	<u>F.</u>
All Causes	19	33
1. Tuberculosis Respiratory	Nil	Nil
2. Tuberculosis Other	Nil	Nil
3. Syphilitic disease	1	Nil
4. Diphtheria	Nil	Nil
5. Whooping Cough	Nil	Nil
6. Acute Poliomyelitis	Nil	Nil
7. Measles	Nil	Nil
8. Other infective and parasitic diseases:		
(i) Malignant Neoplasm - Stomach	Nil	Nil
(ii) " " - Lung bronchus	2	Nil
(iii) " " - Breast	Nil	2
(iv) " " - Uterus	Nil	1
(v) Other malignant and lymphatic neoplasms	1	1
(vi) Leukaemia Alenkaernia	Nil	1
9. Vascular lesions of nervous system	5	8
10. Diabetes	Nil	Nil
11. Coronary disease angina	5	4
12. Hypertensia with heart disease	Nil	Nil
13. Other heart disease	Nil	5
14. Other circulatory disease	1	7
15. Influenza	Nil	Nil
16. Pneumonia	1	Nil
17. Bronchitis	2	Nil
18. Other diseases of respiratory system	Nil	Nil
19. Ulcer of stomach and duodenum	Nil	Nil
20. Gastritis, enteritis and diarrhoea	Nil	2
21. Nephritis and nephrosis	Nil	Nil
22. Hyperplasia of Prostate	2	Nil
23. Pregnancy, childbirth, abortion	Nil	Nil
24. Congenital malformations	Nil	Nil
25. Other defined and ill defined disease	Nil	1
26. Motor vehicle accidents	Nil	Nil
27. All other accidents	Nil	1
28. Suicide	Nil	Nil
29. Homicide and operations of War	Nil	Nil

SECTION B.GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA1. Public Officers:-

Medical Officer of Health (Part-time)

Dr. J. Emrys Jenkins, M.A., B.M., B.Ch.,
Chalfont, South Crescent,
Llandrindod Wells.

Telephone No. 2000.

Public Health Inspector (Part-time)

R.J.Morris, Esq., A.R.I.C.S., M.R. San.I.
Town Hall, Temple Street,
Llandrindod Wells.

Telephone No. 2222

2. Laboratory Facilities.

The examination and analysis of water, sewage effluents and stream contamination are carried out by the Public Analyst of the County Laboratory, Carmarthen - Analyst: H.J.Evans & Partners.

3. HEALTH SERVICES. The following services are carried out by the Radnorshire County Council under the National Health Service Act, 1946. The County Council Services are efficiently and well organised.

- (i) Maternity and Child Welfare.
- (ii) Clinics.
- (iii) Dental care for expectant mothers and nursing mothers and young children together with school Dental Services.
- (iv) Midwives Service, delegated to the Radnorshire County Nursing Association.
- (v) Health Visiting delegated to the Radnorshire County Nursing Association.
- (vi) Vaccination and immunisation of children under five and of school age is carried out by Registered Medical Practitioners of the parents choice or by the County Medical Officer.
(The vaccination of adults is carried out by Registered Medical Practitioners).
- (vii) Ambulance Service.
- (viii) Prevention of illness, Care and After Care of persons suffering from tuberculosis, mental illness or defectiveness and other types of illness is organised under the aegis of the County Health Committee.
- (ix) Domiciliary Health Services.
- (x) Home Nursing delegated to the Radnorshire County Nursing Association.
- (xi) Health Education is carried out by the Radnorshire County Council.
- (xii) Mental Health
- (xiii) Chiropody Service.

4. HOME SAFETY ACT, 1961. Circulars were issued to all householders on safety in the home.

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY.

The purification and clarification of the water, as taken from the River Ithon, was satisfactory throughout the year. Quality was good and quantity sufficient.

The main source of supply remained the River Ithon and purification as previously reported.

Chlorination has been maintained to give a free chlorine content of between 0.2 and 0.5 p.p.m. after 30 minutes contact. Tabulated list of Analyst's Reports are given in Table 3.

Statistics in respect of the Water Supply are detailed below:-

Estimated population supplied from public water mains in Urban District..	3322
Estimated population not supplied from public water mains	14
Number of dwelling houses or flats supplied direct into premises	1178
Number of dwelling houses and farms supplied by means of stand pipes	1

Estimated population supplied by stand pipes	3
Number of premises (farms) with own piped supplies	4
Number of premises (farms) with no piped supplies	Nil
Premises supplied from mains and outside Urban District	16
Estimated population so supplied	76

TABLE 3.

Bacteriological analysis for the year 1962 carried out by H.J.Evans & Partners, Public Analyst, Bank Lane, Carmarthen.

Tabulation of Analysts' Reports on samples of water taken from house services, direct off supply main.

Date of Samples	No. of organisms 48 hrs @ 22°C	Coli present in c.cs.					REMARKS
		100	50	25	20	10	
24: 2 : 62	18	Nil					Excellent Bact. Quality
8: 3 : 62	2	Nil					Ditto
27: 4 : 62	9	Nil					Highly Satisfactory
8: 6 : 62	2	Nil					Ditto
22: 6 : 62	7	Nil					Excellent Bact. Quality
12: 7 : 62	6	Nil					Highly Satisfactory
2: 8 : 62	3	Nil					Ditto
7: 9 : 62	3	Nil					Ditto
20:10 : 62	5	3					Not Satisfactory
13:12 : 62	15	Nil					Highly Satisfactory

No samples of water were taken for chemical analysis.

Contamination by Lead. No direct action has been taken in connection with contamination by lead.

Sodium carbonate (Soda Ash) is added to the water before filtration for pH control.

TABLE 4.

Water Consumption - (All consumers and trades)

Year	Water pumped to service reservoirs.	Estimated population served.	Estimated consumption per head per day.	Trade consumption metered supplied.	Bulk supplies
1962	68,460,000	3400	55.0	11,371,000	76,000
1961	70,830,000	3407	56.9	8,828,000	79,000
		(Includes population outside U.D.)			
1960	74,260,000	3345	60.82	12,154,000	59,000
1959	58,650,000	3434	46.8	13,977,000	6,000
1958	60,270,000	3351	49.2	13,258,000	111,000
1957	61,340,000	3261	51.5	11,963,000	
1956	71,640,000	3280	58.9	14,290,000	
1955	75,110,000	3310	62.1	15,145,000	
1954	70,630,000	3280	58.0	12,684,000	
1953	68,000,000	3275	56.8	12,500,000	
1952	66,710,000	3286	38.9	11,750,000	

The tabulation shows a decrease on the 1961 figures of 2,370,000 gallons. The consumption is still high as compared with the national average.

An extension of 270 yards of main in the Llandrindod Rural Parish at Cefnlllys^{lane} was laid to supply new bungalows, main being laid with 1½" high tensile allathene tube. A section of the 1" main at Crabtree Green was renewed. Alterations to dis-used mains at Trefonen were made to boost supplies at Tremont Road.

SWIMMING POOL. The swimming pool operated by the Council was maintained to a satisfactory standard. A new chlorinator was installed during the year.

The water supply to the pool of 133,000 gallons capacity is taken from the domestic water supply and the pool is replenished as necessary. The water is treated by straining and filtration, sterilization being by injection of chlorine. Alkali as sodium carbonate is added as necessary.

The circulation of the pool water is over a period of 10 to 12 hours and from the opening of the pool at 1st June to closing at end of September the filtration plant was kept in continual operation.

Twice daily tests were made with comparator for free chlorine and alkalinity. The Reports on samples taken for bacteriological analysis are as under:-

Date of Samples.	Organisms per cc. 48 hrs. @ 22°C	Coliform organisms per 100 c.cs.	Faecal Coli per 100 c.cs
22: 6: 62	25	6	6
12: 7: 62	2	Nil	Nil
2: 8: 62	2	Nil	Nil

OBSERVATIONS: The bacteriological condition of this water was generally satisfactory.

DRAINAGE AND SEWERS.

1. Drainage. During the year one sewer became blocked.
2. Sewage Disposal General. Everything possible has been carried out to prevent pollution of the River Ithon, the two works were by no means efficient.

Improvement Scheme. During the year the final scheme for the improvement of sewers and the Rhydillyndu Disposal Works was approved by the Engineers of the Ministry of Housing and Local Government.

At the end of the year tenders were being received for the carrying out of the Scheme.

Rivers and Streams. Inspections of rivers and streams in the Urban District were carried out.

Public Cleansing. (i) The collection and disposal of household refuse has continued on the same principal as other years. No variations in collection of domestic properties once each week and twice each week from certain trade and hotel premises has been necessary.

(ii) The collection and sale of salvaged materials comprising waste paper, broken glass, bottles and scrap iron and tins has continued.

During the year you disposed of:-

19 tons of waste paper
20 tons of white cullett

The collection of waste paper was discontinued due to defect in mechanical baler. The sale of destructor scrap was not possible. No

purchasers being available.

FOOD.

Food Hygiene. The enforcement of the food hygiene regulations was carried out by inspection and circulation of posters supplied by the Ministry of Food.

Special inspections were made of the kitchens and food preparation establishments of the four large hotels.

No prosecutions were found necessary.

TABLE 5.

INSPECTION AND SUPERVISION OF FOOD.

Milk

Non-Residential designated pasteurised retailers and designated traders	-	2
Residential designated ditto ditto	-	1
Residential registered dairymen designated retailers	-	1
Non-Residential designated retailers	-	3
Wholesale producers in Urban District	-	3
Visits to cowsheds during the year	-	Nil
Visits to dairies during the year	-	4
Samples of milk tested during the year	-	Nil
Action taken by Council in respect of unclean milk during the year	-	Nil

TABLE 6.

NUMBER OF FOOD PREMISES AND TYPES.

Foods.

Manufacturers other than bakehouses	-	Nil
Bakehouses for bread and confectionery	-	1
Bakehouses for confectionery only	-	1
Confectioners - Retail	-	7
Fish and Chip Fryers	-	2
Retail Green Grocers	-	5
Grocers	-	11
Hotels - Public and Private	-	14
Milk Shops	-	Nil
Meat Retailers	-	6
Licensed Premises	-	6
Pork Butchers	-	Nil
Restaurants	-	5
Sausage and Cold Meat Producers	-	3
Fishmongers	-	2
Deep Freeze (Frozen Foods)	-	8

NUMBER REGISTERED UNDER SECTION 16 OF
FOOD AND DRUGS ACT.

Ice Cream	-	16
Cooked Meats	-	3
No ice cream is manufactured at a local premises.		
Number of inspections of Registered Food Premises	-	8
Number of inspections of Bakehouses	-	6
Complaints received in respect of foods	-	Nil
Number of inspections of food preparation establishments	-	19
Action taken in respect of food storage (informal)	-	Nil

TABLE 7.

Foods surrendered or Condemned and Destroyed.

Various canned foods	-	238 tins
Bacon, sausages and cooked pork	-	41 lbs.
Fish	-	Nil
Cooked canned meats	-	43 lbs.
Cooked canned beef	-	6 lbs.
Pastry and Fish Cakes	-	5½ doz.
Cheese	-	4 lbs.

Condemned food, unless salvagable, is destroyed at the incinerator.

Examinations of consignments of food at Railway Station were carried out following possibility of contamination whilst in transit.

Adulteration of Foods.

The administration of the Acts dealing with the adulteration of food is carried out by the Officers of the Radnorshire County Council and no particulars are available to my Council.

Food Poisoning Outbreaks.

No cases of food poisoning occurred during the year.

Slaughter of Animals and Meat Inspection.

One slaughterhouse was continued in use during the year. The various requirements of the Slaughterhouse Act, 1958 and of regulations having been provided.

The use of three slaughterhouses was dis-continued as not conforming to the Regulations.

Licences to Slaughter Animals.

(i) To slaughter cattle, sheep and pigs	-	-	5
(ii) To slaughter sheep only	-	-	1

TABLE 8.

ANIMALS KILLED, INSPECTED AND CONDEMNED

	Cattle excluding cows.	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed approx.	416	Nil	6	2800	735	Nil
Number inspected	375	-	6	2130	735	Nil
<u>All diseases except Tuberculosis and Cysticerci.</u>						
Whole carcasses condemned	1	-	-	1	Nil	Nil
Carcasses of which some part or organ condemned	18	-	-	35	9	Nil
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	5.07	-	Nil	1.6%	1.2%	Nil
<u>Tuberculosis only</u>						
Whole carcasses condemned	Nil	-	Nil	-	Nil	Nil
Carcasses of which some part or organ condemned	Nil	-	Nil	-	3	-
Percentage of the number inspected with tuberculosis	-	-	-	-	0.4%	-
<u>Cysticercosis.</u>						
Carcasses of which some part or organ condemned	Nil	-	Nil	-	Nil	-
Carcasses submitted to treatment by refrigeration	Nil	-	Nil	-	Nil	-
Generalised and totally condemned	Nil	-	Nil	-	Nil	-

INFECTIOUS AND OTHER DISEASES

Cases of notifiable infectious diseases occurred as tabulated
below:-

NOTIFIABLE DISEASES DURING 1962

Disease	Total cases notified.	Cases admitted to Hospital.	Total Deaths.
Small Pox	Nil	Nil	Nil
Scarlet Fever	"	"	"
Diphtheria	"	"	"
Enteris Fever	"	"	"
Puerperal Fever	"	"	"
Puerperal Pyreia	5	5 in Hospital	"
Whooping Cough	Nil	Nil	"
Pneumonia	"	"	"

Disease	Total cases notified.	Cases admitted to Hospital	Total Deaths
<u>Other notifiable diseases</u>			
Acute Poliomyelitis	Nil	Nil	Nil
Measles	16	"	"
Chicken Pox	Nil	"	"
Acute Encephalitis	1	"	"
TOTALS	22	5 in Hospital	Nil

Inspections carried out in respect of infectious diseases - Nil
 Rooms fumigated for infectious diseases or otherwise - 3
 Rooms fumigated for vermin - Nil

Cancer

No action taken

Blindness

No action taken

Tuberculosis. The requirements of the Public Health (Tuberculosis) Regulations, 1939 have been carried out.

No action has been taken under the special powers given to local authorities under these Regulations.

No applications were received by the Council under Section 172 of the Public Health Act, 1936 for the removal to hospital of persons suffering from tuberculosis of the respiratory tract.

TUBERCULOSIS - NEW CASES AND MORTALITY
DURING 1962.

Age Groups	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-
65 and up	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-

HOUSING

In accordance with the instructions of Circular 17/55 Wales, the inclusion of details of housing matter are omitted.

SANITARY INSPECTION OF THE AREA
Summary of the work of the Sanitary Inspector's Department

Total number of inspections and visits made - 347

<u>Nuisances.</u>		<u>Lodging Houses.</u>	
No. of visits re nuisances	5	No. Registered	Nil
Visits re works in progress	1	<u>Water Supply</u>	
Notices issued:-		No. of samples taken	13
(a) Informal letters)	1	No. found polluted	Nil
(b) Informal notices)		Houses and flats	1178
(c) Statutory notices	Nil	connected to supply	
Verbal requests, notices and letters complied with	4	New houses and premises connected	13
Outstanding	Nil	Renewed connections to houses	20
Legal proceedings	Nil		
<u>Housing.</u>		<u>Infectious diseases.</u>	
Inspection	78	No. of enquiries	Nil
<u>Food Preparing Places</u>		No. taken to hospital	Nil
No. of inspections	19	No. of houses or rooms disinfected	3
Notices re food preparation	Nil	No. of houses, disinfected re fleas, lice, cockroaches etc.	Nil
<u>Slaughterhouses</u>		<u>Water Closets</u>	
No. of visits (approx.)	161	No. of improved or repaired	3
No. of condemnations	67	No. of bucket closets in district	3
<u>Foods.</u>		No. of cesspools or septic tanks in district	11
No. of seizures of unsound food	Nil	No. of earth closets in district	3
No. of condemnations	33	No. of chemical closets in district	4
<u>Dairymen</u>		<u>House Draining</u>	
No. of Registered	2	No. laid or relaid	Nil
No. of Inspections	4	No. cleansed	29
No. of Retailers	7	No. repaired	4
No. of milk samples for T.B.	Nil	No. of inspections	33
No. of milk samples found to produce T.B.	Nil	No. of tests	8
No. of enquiries under P.H.A. Regulations re contacts	Nil		
No. of Milk samples for test	Nil	<u>Licensed Premises</u>	
<u>Dairies</u>		Action taken in respect of sanitation	Nil
No. of Registered traders	2	<u>Accumulation of litter</u>	
No. of Dairies	1	Action taken in respect of	Nil
No. of inspections	4	Inspection ditto	Nil
<u>Moveable Dwellings</u>		<u>Dangerous Structures</u>	
No. Registered	Nil	Action taken in respect of	Nil
<u>Bakehouses</u>			
No. in use	2		
No. of inspections	6		

CAMPING SITES

1. Number of sites in area for camping purposes under canvas during 1962	1
2. Number of caravan camping sites	Nil
3. Number of camping sites requiring to be licensed in accordance with Public Health Act	Nil
4. Number of caravan camping sites licensed under Public Health Act	Nil
5. Estimated maximum number of campers in the area at one time during 1962	40

Smoke Abatement. Inspections made in respect of smoke abatement Nil
 Action taken in connection with Nil

Rodent Control Works

Premises

Number of inspections made	-	326
Premises found infested	-	14
Treatments carried out by Council	-	14
Treatments carried out by occupier	-	Nil
Dead rats picked up	-	19

Sewer Treatments. Maintenance treatments of sewers was carried out in 1962.

- 16 manholes were baited
- No manholes showed presence of rats
- No manholes showed poison bait takes.