

**[Report 1959] / Medical Officer of Health, Litherland U.D.C.**

**Contributors**

Litherland (England). Urban District Council.

**Publication/Creation**

1959

**Persistent URL**

<https://wellcomecollection.org/works/dqcacdeg>

**License and attribution**

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>

*Library*

The Urban District of Litherland



---

# ANNUAL REPORTS

of the

Medical Officer of Health

and of the

Chief Public Health Inspector

For the Year 1959





The Urban District of Litherland

---

# ANNUAL REPORTS


of the

Medical Officer of Health

and of the

Chief Public Health Inspector

For the Year 1959



Digitized by the Internet Archive  
in 2017 with funding from  
Wellcome Library

<https://archive.org/details/b29735130>

# THE URBAN DISTRICT COUNCIL OF LITHERLAND

---

YEAR 1959

---

## **Chairman of the Council:**

COUNCILLOR T. H. PEARCE, J.P.

## **Chairman of the Health Committee:**

COUNCILLOR P. T. CLUSKEY, J.P.

## **Deputy Chairman of the Health Committee :**

COUNCILLOR J. E. OWENS

## **Health Committee:**

J. R. BENSON	W. T. GRIFFITH
MRS. M. BRISCOE	L. E. LLOYD, J.P.
F. COWARD	T. H. PEARCE, J.P.
MRS. E. DARBY	R. F. WILLIAMS

## **Medical Officer of Health:**

J. G. HAILWOOD, M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.H

## **Assistant Divisional Medical Officer of Health:**

R. E. JONES, M.B., Ch.B., D.P.H.  
Lancashire County Council.

## **Public Health Inspectors:**

H. HARRISON, F.R.S.H., F.A.P.H.I., ( Chief )

## **Additional Public Health Inspector:**

E. F. BARNES, M.R.S.H., M.A.P.H.I.

**THE URBAN DISTRICT COUNCIL OF LITHERLAND**

TOWN HALL,  
LITHERLAND,  
LIVERPOOL, 21.

*October, 1960.*

To THE CHAIRMAN AND MEMBERS  
OF THE HEALTH COMMITTEE.

LADIES AND GENTLEMEN,

I have the honour to present my Annual Report on the health of Litherland during the year 1959.

The general health of the residents remained satisfactory during the year. There was a considerable decrease in the number of infectious diseases, 190 being notified compared with 392 in 1958. The reduction was mainly due to a decrease in the number of cases of measles, although there was a small increase in the number of cases of scarlet fever and whooping cough. The increase in the number of cases of dysentery at 36 is in keeping with the tendency for this disease to increase throughout the country.

The birth rate was 17.4 per 1,000 population, compared with 20.2 in 1958, while the death rate was 10.3 compared with 10.4 in the previous year. These figures compare favourably with the figures for England and Wales which are 16.5 and 11.6 respectively.

The infant mortality rate at 39.7 increased considerably over the figure of 28.2 for 1958. There were actually 17 deaths under one year of age, but 13 of these died in the first four weeks of life and were mainly due to congenital abnormalities, or other unavoidable causes.

The housing conditions continue to improve, but there is still much to be done and further efforts must be made to reduce the number of poor houses in the district and improve the general standard of living.

Finally, I would thank the Chairman and Members of the Health Committee for their interest and support during the year and the members of the staff for their ready help and co-operation at all times.

I am,

Your obedient servant,

J. G. HAILWOOD,  
*Medical Officer of Health.*

PARTICULARS TO BE INCLUDED IN THE  
ANNUAL REPORT OF THE MEDICAL OFFICER OF  
HEALTH FOR THE YEAR 1959.

**1.—Statistics and Social Conditions of the Area.**

Area in acres	...	...	...	...	...	...	1,187.08
Population—Census, 1951	...	...	...	...	...	...	22,197
—Estimated, Mid 1959			...	...	...	...	24,610
No. of inhabited houses (Census, 1951)	...	...	...	...	...	...	5,858
No. of inhabited houses on Rate Books, Dec. 1959					...	...	7,268
Rateable Value	...	...	...	...	...	...	£234,258
General Rate, 1959/60	...	...	...	...	...	...	18/6d. (Ford Ward — 16/7d.
Sum represented by a penny rate	...	...	...	...	...	...	£943

### BIRTHS.

The number of children born in the district during 1959 was 428; 237 males and 191 females. This gives a crude Birth Rate of 17.4, adjusted 16.3 per 1,000 of estimated population. The Birth Rate for England and Wales was 16.5.

### DEATHS.

The total number of deaths during the year 1959 was 254; 129 males and 125 females. This gives a crude Death Rate of 10.3 adjusted 14.9.

The Death Rate for England and Wales was 11.6.

## VITAL STATISTICS.

Home population—Registrar General's estimate, mid 1959, 24,610

LIVE BIRTHS		
Number	.....	428
Rate per 100 population	.....	17.4
ILLEGITIMATE LIVE BIRTHS per cent of total live births		2.8
STILLBIRTHS		
Number	.....	10
Rate per 1000 total live and still births	.....	22.8
TOTAL LIVE AND STILL BIRTHS		438
INFANT DEATHS (deaths under 1 year)		17
INFANT MORTALITY RATES		
Total infant deaths per 1000 total live births	.....	39.7
Legitimate infant deaths per 1000 legitimate live births	.....	38.4
Illegitimate infant deaths per 1000 illegitimate live births	.....	83.3
NEO-NATAL MORTALITY RATE (deaths under 4 weeks per 1000 total live births)		30.4
EARLY NEO-NATAL MORTALITY RATE (deaths under 1 week per 1000 total live births)		25.7
PERINATAL MORTALITY RATE (stillbirths and deaths under 1 week combined per 1000 total live and still births)		47.9
MATERNAL MORTALITY (including abortion)		
Number of deaths	.....	NIL.
Rate per 1000 total live and still births	.....	NIL.

## COMPARABILITY FACTORS.

Births ... 0.94		Deaths ... 1.45	
Live Births—		Still Births—	
	M. F.		M. F.
Total	... 237 191	Total	... 7 3
Legitimate	... 230 186	Legitimate	... 7 3
Illegitimate	... 7 5	Illegitimate	... — —
Deaths of Infants under one year of age—		Deaths of Infants under four weeks of age—	
	M. F.		M. F.
Total	... 10 7	Total	... 8 5
Legitimate	... 9 7	Legitimate	... 7 5
Illegitimate	... 1 —	Illegitimate	... 1 —

## INFANTILE MORTALITY

During the year 17 children died who, at the time of their deaths, had not reached the age of one year, 13 of these died in the first 4 weeks of life.

## ZYMOTIC DEATHS

During the year, there were no deaths from Whooping Cough, Diphtheria, Measles, Meningococcal infection, or Poliomyelitis.

LITHERLAND U.D.C.

Year	Live Births.		Deaths (all causes).		Stillbirths.		Maternal Mortality.		Infant Mortality			
	No. registered.	Rate per 1,000 population.	No. registered.	Rate per 1,000 population.	No. registered.	Rate per 1,000 total births.	No. of deaths registered.	Rate per 1,000 total births.	Total. No. of deaths registered.	Rate per 1,000 live births.	No. of deaths registered.	Neo-Natal. Rate per 1,000 live births.
1959	428	17.4	254	10.3	10	22.8	Nil	Nil	17	39.7	13	30.4
"	496	20.2	256	10.4	8	15.9	Nil	Nil	13	26.2	8	16.1
"	431	17.6	248	10.1	13	29	Nil	Nil	12	28	9	21
"	411	16.9	233	9.6	11	26	Nil	Nil	8	19	6	15
"	386	16.0	239	9.9	13	33	Nil	Nil	9	23	6	16
"	432	18.3	227	9.6	18	40	1	2.22	9	21	5	12
		Crude Birth Rate		17.4						Crude Death Rate		10.3

\* Adjusted—Live birth-rate (comparability factor, 0.94) — 16.3 per 1,000.

Death-rate (comparability factor, 1.45) — 15.0 per 1,000.

DIPHTHERIA IMMUNIZATION

Age at date of Inoculation	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	Total
Under 1 yr.	—	—	—	—	—	1	1	—	23	7	2	2	168	17	134	148	150	121	135	125	156	158	177	193	243	
1-2 years	11	6	2	5	9	14	44	118	144	115	209	189	18	262	181	108	137	98	134	152	139	66	54	50	50	
2-3 "	21	5	9	10	6	21	37	96	51	23	31	41	37	32	11	29	17	18	26	29	26	14	9	19	16	
3-4 "	22	9	8	1	11	23	30	86	55	10	20	15	12	7	11	17	18	6	9	16	26	8	9	5	12	
4-5 "	30	10	12	16	10	26	31	63	59	7	11	9	7	10	10	10	13	4	7	12	17	2	2	5	9	
5-6 "	47	38	29	30	31	63	59	55	35	5	19	2	5	6	12	44	38	16	41	48	38	1	4	1	4	
6-7 "	51	17	16	29	14	35	41	46	38	1	19	11	3	8	11	41	28	17	32	30	25	—	4	1	—	
7-8 "	41	24	14	13	10	11	27	22	30	7	12	2	—	2	13	30	16	4	11	30	25	—	1	—	1	
8-9 "	40	40	9	9	16	16	24	14	25	6	8	3	2	1	10	28	34	—	8	10	41	—	—	—	—	
9-10 "	36	31	18	12	12	9	19	16	24	3	7	2	—	—	12	23	27	2	2	14	20	—	—	—	—	
10-11 "	55	41	9	8	9	11	21	9	25	8	5	5	1	1	7	23	15	5	—	20	16	—	1	—	—	
11-12 "	30	37	9	3	4	6	18	8	9	2	8	4	—	—	—	13	24	1	1	3	5	1	—	—	1	
12-13 "	21	21	4	4	2	9	9	13	8	1	2	7	1	—	—	3	11	—	1	2	3	—	—	—	—	
13-14 "	11	14	7	6	1	9	8	1	8	1	1	3	—	—	—	5	8	—	—	—	6	—	—	—	—	
14-15 "	—	1	—	—	—	—	1	—	—	—	—	1	—	—	—	3	5	—	—	—	3	—	—	—	—	
15 & over	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	2	2	1	2	—	—	1	—	1	—	
not known	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals	416	294	146	146	135	255	370	547	534	196	354	296	354	346	412	527	543	293	409	478	556	253	259	274	336	8729

Over 15 yrs 3992  
10-15 years 1911  
5-10 years 1609

## CAUSES OF DEATH IN LITHERLAND URBAN DISTRICT, 1959.

*As supplied by General Register Office, Somerset House.*

<i>Causes of Death.</i>					<i>M.</i>	<i>F.</i>
1.	Tuberculosis, respiratory	...	...	...	—	—
2.	Other Tuberculosis Diseases	...	...	...	—	—
3.	Syphilitic disease	...	...	...	—	—
4.	Diphtheria	...	...	...	—	—
5.	Whooping cough	...	...	...	—	—
6.	Meningococcal infections	...	...	...	—	—
7.	Acute poliomyelitis	...	...	...	—	—
8.	Measles	...	...	...	—	—
9.	Other infective and parasitic diseases	...	...	...	1	—
10.	Malignant neoplasm, stomach	...	...	...	6	3
11.	Malignant neoplasm, lung bronchus	...	...	...	4	2
12.	Malignant neoplasm, breast	...	...	...	—	5
13.	Malignant neoplasm, uterus	...	...	...	—	2
14.	Other malignant and lymphatic neoplasms	...	...	...	9	12
15.	Leukaemia, Aleukaemia	...	...	...	1	—
16.	Diabetes	...	...	...	—	—
17.	Vascular lesions of nervous system	...	...	...	13	20
18.	Coronary diseases, angina	...	...	...	27	19
19.	Hypertension, with heart disease	...	...	...	—	3
20.	Other heart disease	...	...	...	8	14
21.	Other circulatory disease	...	...	...	4	6
22.	Influenza	...	...	...	2	1
23.	Pneumonia	...	...	...	12	13
24.	Bronchitis	...	...	...	12	7
25.	Other diseases of respiratory system	...	...	...	2	2
26.	Ulcer of stomach and duodenum	...	...	...	3	—
27.	Gastritis, enteritis and diarrhoea	...	...	...	1	—
28.	Nephritis and nephrosis	...	...	...	1	—
29.	Hyperplasia of prostate	...	...	...	1	—
30.	Pregnancy, childbirth and abortion...	...	...	...	—	—
31.	Congenital malformations	...	...	...	1	—
32.	Other defined and ill-defined diseases	...	...	...	12	13
33.	Motor vehicle accidents	...	...	...	1	1
34.	All other accidents...	...	...	...	6	1
35.	Suicide	...	...	...	2	1
36.	Homicide and operations of war	...	...	...	—	—
	All causes	...	...	...	129	125

## 2.—General Provision of Health Services for the Area.

### HOSPITALS.

There are no hospitals in the district. Infectious diseases are admitted to Hospitals in Liverpool. General Medical and General Surgical cases are removed to the General Hospitals in Liverpool, Bootle and Waterloo. Children are admitted to the Liverpool Childrens Hospital or Alder Hey Hospital.

### TUBERCULOSIS.

This work is administered by the Liverpool Regional Hospital Board, the Tuberculosis Dispensary being situated at "Ellesmere," Crosby Road North, Waterloo. Home visiting of patients is carried out by nurses under the supervision of the Lancashire County Council, working from the above Dispensary.

### VENEREAL DISEASES.

Patients make their own arrangements with the Liverpool Hospitals.

### MATERNITY.

There is no Maternity Hospital in the district, but the Liverpool and Ormskirk Hospitals are available.

### MIDWIVES.

There are two Midwives employed by the County Council practising in the district.

### MATERNAL MORTALITY.

No Maternal Deaths occurred during the year.

### NATIONAL ASSISTANCE ACT, 1948.

There was one application for assistance during the year, for the burial of an unknown male child at Thornton, Garden of Rest on the 23rd October, 1959.

## CLINIC AND TREATMENT CENTRES.

This work is administered by the Lancashire County Council. The Clinics are situated at Sefton Road and Sefton Avenue, Litherland, and provide for:—

CHILD WELFARE CLINIC	.....	.....	Sefton Avenue, Litherland.
ANTE-NATAL CLINIC	.....	.....	Sefton Road, Litherland.
SCHOOL CLINICS			
Dental Monday all day	.....	.....	Sefton Road, Litherland.
Tuesday morning	.....	.....	Sefton Road, Litherland.
Wednesday morning	.....	.....	Sefton Road, Litherland.
Thursday all day	.....	.....	Sefton Road, Litherland.
Ophthalmic Thursday morning, with eye specialist.	.....	.....	Sefton Road, Litherland.
Minor Ailments Tuesday morning with doctor	.....	.....	.....
Friday morning without doctor	.....	.....	Sefton Road, Litherland.
Orthopaedic Once a month, second Monday	Sefton Avenue, Litherland		
Speech Therapy All day Friday	.....	.....	Sefton Avenue, Litherland.

## DAY NURSERY

A Day Nursery was opened on April 10th, 1943, to accommodate 50 children. It has proved a success and met a wartime need of some urgency. Consequently, an extension was opened on the 21st June, 1944, for 40 children. The Nursery is open from Monday to Friday 7 a.m. to 7 p.m., and on Saturday from 7 a.m. to 1 p.m. Children of the age of 12 months to 5 years are accepted. This nursery is administered by the County Council.

## HOME NURSING.

Two District Nurses are available to visit in the home on the request of the Medical Practitioners. This service is administered by the County Council.

## DOMESTIC HELP SERVICE.

This service is administered by the County Council. Home Helps can be obtained in cases of illness on application to the Divisional Medical Officer or through the Litherland Health Department.

## AMBULANCE FACILITIES.

Ambulance Services are provided by the Lancashire County Council from Depots in Crosby, Ormskirk and Maghull.

## PATHOLOGICAL AND BACTERIOLOGICAL EXAMINATIONS.

Sputum.—These specimens are sent direct to Lancashire County Council Tuberculosis Dispensary, by Medical Practitioners.

Blood, Throat Swabs, etc.—Sent direct by Medical Practitioners to Liverpool University, Bacteriological Department.

Milk—Thirteen samples were submitted to Liverpool University, and twelve samples of Ice Cream.

### 3.—Sanitary Circumstances of the Area.

#### WATER SUPPLY.

The water supply is obtained from the City of Liverpool; the chief source is Lake Vyrnwy in Wales. The water is excellent in quality, and there is a constant supply for all purposes. The number of houses supplied direct from the public mains is approximately 7,268. Analysis is carried out by Liverpool Corporation and is satisfactory. Complaints of discolouration and sediment, probably due to extensions or repairs to mains supply, were reported to Liverpool Corporation and received prompt attention. The whole of the dwelling-houses are supplied from the public water mains direct to the houses.

#### DRAINAGE AND SEWAGE.

The sewage (which is dealt with on the combined system) is discharged without treatment into the Rimrose Brook sewer and finally into the River Mersey.

#### RIVERS AND STREAMS.

No action has been necessary to check pollution of rivers and streams and no new works have been established to cause pollution.

Closet accommodation at the end of 1959:—

No. of Houses on the Water carriage system approximately 7,260

#### SCAVENGING.

This work is carried out by the Public Health Department, under the supervision of the Chief Public Health Inspector, and is working satisfactorily. Refuse is conveyed by motor vehicles to the Council's tips, situated in Beach Road, Litherland. The fleet comprises two "Paxit" and one "Low Loader," with one Low Loader in reserve.

## SANITARY INSPECTIONS DURING 1959.

No. of premises visited	...	...	...	...	2,251
Defects or Nuisances—					
No. discovered	...	...	...	...	1,235
No. abated	...	...	...	...	1,165
No. of Notices served—					
Informal	...	...	...	...	755
Abatement	...	...	...	...	2
Legal Proceedings	...	...	...	...	Nil

## SHOPS ACT, 1950 AND OFFICES.

No statutory action has been necessary; sanitary defects, and improvements have been carried out as required, repairs to W.Cs. drains gutters, plasterwork, cleansing, also notices under the Shops Act have been fixed.

## CAMPING SITES.

There were no licences issued for camping sites during the year.

## SWIMMING BATHS AND POOLS.

There are no Swimming Baths or Pools within the District.

## DISINFESTATION.

Two hundred and fifty-eight houses were disinfested during the year.

## PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYE-LAWS OR REGULATIONS.

There are no Common Lodging Houses; Houses let in Lodgings; Tents, or Sheds, or Underground Sleeping Rooms in the district

## OFFENSIVE TRADES.

There are two Tanneries, and eleven Fish and Chip Potato premises in the district; these are inspected from time to time.

## THE RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

There are no premises in the district in which Rag Flock is manufactured or sold.

## CANAL BOATS.

There are no canal boats used as permanent residences in the district.

#### 4.—Housing.

##### STATISTICS FOR THE YEAR 1959.

There were 32 houses and 44 flats built during the year by the Council, also 29 houses by other persons.

##### HOUSING ACT, 1957.

There were 50 houses demolished during the year, 175 persons were rehoused.

##### GENERAL OBSERVATIONS ON OVERCROWDING.

There is still a serious shortage of houses for all classes of people in the district, although considerable improvement has been effected during the last ten years.

#### 5.—Inspection and Supervision of Food.

##### MILK SUPPLY.

The Dairies and Milk Shops within the district are periodically inspected.

Thirteen samples were obtained from persons selling milk within the district, and sent for Bacteriological examination.

##### FOOD AND DRUGS ACT, 1955.

Thirteen samples of milk were obtained from persons selling milk within the district and submitted to the County Analyst.

##### FOOD AND DRUGS ACT, 1955. (SAMPLES OBTAINED BY THE COUNTY SAMPLING OFFICER).

A total of 149 samples was obtained, consisting of 110 samples of milk (2 of which were Channel Islands milk and 13 of which were submitted direct to the County Laboratory by your officers) and 39 others comprising:—

1 Flour	3 Beef suet
1 Salad cream	2 Pork sausage
1 Health salts	1 Oatmeal
3 Milk, condensed	2 Shredded suet
4 Butter	1 Barley
1 Bacon	2 Lentils
4 Bread	2 Rice
2 Flour confectionery	2 Dried vegetables
5 Fruit curd	2 Tapioca

Below are details of those samples upon which the County Analyst gave adverse reports:—

<i>Type of Sample</i>	<i>Result of Analysis</i>	<i>Action Taken</i>
Informal milk	Fat content 2.85% deficient 5% fat.	Producer notified.
Informal milk	Freezing point indicated the presence of 0.3% of extraneous water	Both these samples were submitted by your officers.
Informal milk Tapioca	” Fifteen of the granules were stained with blue colouring matter of the nature of Blue V.R.S. otherwise the sample was genuine.	

#### MEAT AND OTHER FOODS.

The food exposed for sale or prepared in the district has been examined from time to time. The premises and shops have been kept in a cleanly state.

#### BAKEHOUSES.

There are ten bakers and confectioners in the district; the premises are in a satisfactory condition, clean and well kept; alterations and repairs have been carried out during the year.

### 6.—Prevalence of and Control over Infectious Disease.

190 cases of infectious diseases were notified during the year (see Tables of Notifiable Diseases on pages 18/20.)

#### DIPHTHERIA IMMUNIZATION.

Immunization against Diphtheria is carried out by the County Council at each session of the Infant Welfare Centre, Sefton Avenue, and Sefton Road, Mondays and Wednesday. 336 cases were completed during the year, also 7 Booster Doses. Immunization is also carried out in the schools in the district regularly.

Immunization against Diphtheria commenced on 17th May, 1935; during this period 8,729 cases have been immunized in the district.

There were no cases of diphtheria notified during the year.

#### VACCINATION.

Vaccination is available at every session of the child welfare clinic at Sefton Avenue; this work is also carried out by the General Practitioners under the National Health Service. There were 249 Primary

Vaccinations performed, during the year.

#### SCARLET FEVER.

There were 24 cases of Scarlet Fever during the year, an increase of 14 on last year; there were no deaths from this disease, which continues to be a mild disease.

#### MALARIA.

There were no cases notified during the year.

#### TYPHOID FEVER (INCLUDING PARA-TYPHOID).

There were no cases of Para-Typhoid fever during the year.

#### TUBERCULOSIS.

Total number of cases added to the local Register during 1959 was 34, 33 Respiratory and 1 non Respiratory.

No action has been necessary in respect of Tuberculosis employees in the Milk Trade or to Section 172 Public Health Act, 1936, for removal to Hospital of infectious persons suffering from Pulmonary Tuberculosis.

#### MEASLES.

Measles showed a decrease during the year 40 cases being notified as against 344 in 1958 there were no deaths due to Measles, but it still continues to be one of the serious infectious diseases of childhood.

#### WHOOPING COUGH.

35 Cases were notified during the year, as against 11 in 1958. There were no deaths due to this disease, but it continues to be one of the serious infectious diseases of childhood.

#### SCABIES.

There were no cases dealt with during the year.

#### GENERAL.

There have been no reports made under Article 15 (7) of the Public Health Officers Regulations, 1959 which refers to Plague, Cholera, Smallpox, Yellow Fever, Louse-borne typhus or Louse borne relapsing fever or any serious outbreak of disease or food poisoning in the district. It has not been necessary to close the schools during the year because of infectious disease.

#### DISINFECTION.

There were 16 houses disinfected during the year after Infectious Disease, and sickness including Tuberculosis. Several articles were disinfected at the Council's Disinfector (a Washington Lyons Type) situated in the Council's yard, Field Lane.

There is no arrangement for bathing verminous persons, etc. Disinfestation has been carried out at 68 houses.



## TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1959 (Local Register).

AGE PERIODS.				NEW CASES.				DEATHS.				
				Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.		
				M	F	M	F	M	F	M	F	
Years	0	...	...	Nil	Nil	Nil	Nil	.....	.....	.....	.....	
	1	...	...	Nil	Nil	Nil	Nil	.....	.....	.....	.....	
	3	...	...	Nil	Nil	Nil	Nil	.....	.....	.....	.....	
	5	...	...	2	Nil	Nil	Nil	.....	.....	.....	.....	
	10	...	...	Nil	1	Nil	Nil	.....	.....	.....	.....	
	15	...	...	5	4	.....	.....	.....	.....	.....	.....	
	25	...	...	6	7	.....	.....	.....	.....	.....	.....	
	45	...	...	5	3	.....	.....	.....	.....	.....	.....	
	65 and over	.....	.....	.....	.....	.....	1	1	1	1	.....	
	Age not known	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
TOTALS				...	18	15	Nil	1	1	1	1	Nil

## INFECTIOUS DISEASES.

190 cases of Infectious Disease were notified during the year 1959 including Tuberculosis.

	CASES NOTIFIED									
	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950
Smallpox	Nil	Nil	Nil	Nil	Nil	Nil	Nil	...	...	...
Scarlet Fever	24	10	16	32	25	30	24	9	19	37
Diphtheria	Nil	Nil	Nil	Nil	Nil	Nil	Nil	...	...	...
Enteric or typhoid fever (excluding paratyphoid)	Nil	Nil	Nil	...	Nil	Nil	Nil	...	...	...
Paratyphoid fever	Nil	Nil	Nil	3	3	Nil	Nil	...	7	...
Measles (excluding rubella)	40	344	77	757	147	226	444	175	379	421
Whooping cough	35	11	58	146	92	57	174	17	134	140
Acute pneumonia (primary and influenzal)	21	2	5	1	Nil	2	5	5	8	10
Puerperal pyrexia	Nil	Nil	Nil	1	Nil	Nil	Nil	4	1	...
Meningococcal infection	Nil	Nil	Nil	1	1	Nil	1	Nil	1	...
Acute Poliomyelitis—										
Paralytic	Nil	Nil	1	1	Nil	Nil	Nil	Nil	Nil	3
Non-paralytic	Nil	Nil	1	Nil	Nil	1	Nil	Nil	Nil	...
Acute encephalitis—										
Infective	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	...
Post-infectious	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	...
Dysentery	36	1	1	4	4	Nil	16	Nil	8	...
Ophthalmia neonatorum	Nil	Nil	Nil	Nil	Nil	Nil	1	1	Nil	...
Erysipelas	Nil	Nil	Nil	1	1	2	1	Nil	2	1
Food poisoning	Nil	Nil	Nil	Nil	1	1	1	1	Nil	...
Tuberculosis—										
Pulmonary	33	22	33	34	31	...	...	...	...	...
Non-Pulmonary	1	2	1	5	2	...	...	...	...	...
Other Diseases	...	...	...	...	...	1	...	1	...	...
	190	392	193	956	307	320	667	213	554	612

Total number of new cases added to the local Register during 1959 was 34. 33 Respiratory and 1 Non-Respiratory.

**TUBERCULOSIS.**  
NEW CASES AND MORTALITY DURING 1959 (Local Register).

Years	NEW CASES.				DEATHS.				
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.		
	M	F	M	F	M	F	M	F	
1959 ... ..	18	15	Nil	1	1	1	1	Nil	Nil
1958 ... ..	9	13	...	2	6	2	Nil	Nil	Nil
1957 ... ..	18	16	1	1	5	1	Nil	1	1
1956 ... ..	19	15	2	3	5	2	Nil	Nil	Nil
1955 ... ..	25	12	Nil	2	9	1	Nil	Nil	Nil
1954 .. ..	22	33	2	2	6	3	Nil	Nil	Nil
1953 . . . .	32	13	1	1	5	3	...	...	...
1952 .. ..	19	24	1	1	9	3	1	...	...
1951 ... ..	14	15	...	2	5	5	...	...	...

There were no cases of non-notified Tuberculosis death.

There is no evidence of excessive incidence of, or mortality from Tuberculosis in any particular occupation in the district.

**7.—Maternity and Child Welfare.**

The whole of this work is carried out by the Lancashire County Council at Sefton Avenue, and Sefton Road, Litherland.

**OPHTHALMIA NEONATORUM.**

This work is carried out by the Lancashire County Council; there were no cases notified during the year.

The Urban District Council of Litherland.

**ANNUAL REPORT**  
OF THE  
**Chief Public Health Inspector**  
**1959**

To THE CHAIRMAN AND MEMBERS  
OF THE HEALTH COMMITTEE.

October, 1960.

LADIES/GENTLEMEN,  
Health Report

I have the honour to present my twenty-ninth Annual Report for the year ending 31st December, 1959, together with the particulars of work done and improvements effected thereby

**HOUSING** There were thirty-two new houses and forty-four new flats built during the year by the Council, also twenty-nine houses by other persons.

**SLUM CLEARANCE.** Fifty houses were demolished during the year and one hundred and seventy-five persons were rehoused.

**ATMOSPHERIC POLLUTION AND SMOKE ABATEMENT.** In my last report I referred to unpleasant smells from a factory during the process of re-claiming rubber.

The process known as the Autoclave process, is for the baking of rubber crumb, whereby the small pieces of rubber are placed in cylinders and then in steam heated chambers. During the process of discharging the rubber and removing it to the milling machines, the vapours arising from the process were discharged into the atmosphere and created an obnoxious smell. The vapours from the above process are now conveyed to a large cylindrical tank with a constant volume of water being sprayed over the vapours, any escaping vapour is passed through an exhaust pipe on the top of the cylinder and conveyed to a reservoir of water to finally remove any smells from the process.

Another plant is in course of erection which will remove unpleasant vapours escaping into the atmosphere, the old digesters which allowed the vapours to blow off in an open chamber are now being removed. The new digesters will blow down into a cylindrical expansion chamber under water with high pressure water sprays on the top to prevent any foul vapour escaping into the atmosphere.

One large factory is changing over from solid to liquid fuel, work is in progress.

**CLEAN AIR ACT, 1956—SMOKE CONTROL AREAS.** During the year a scheme was prepared for the establishment of four smoke control areas over the next five years, work has commenced on the survey of the first area.

Difficulty is being experienced in making the survey owing to the fact that many of the occupants are out at business, consequently this entails repeated visits after leaving information on the premises that the Inspector will re-visit.

**DAIRY PREMISES.** The new pasteurization plant, weighing machine and tipping tank referred to in my last Report have now been assembled and are working satisfactorily.

## INSPECTION OF THE DISTRICT, NOTICES SERVED, Etc.

During the year 5,211 inspections and re-inspections were made in reference to complaints and housing, in many instances repeat visits had to be made to gain admission.

It was necessary in numerous instances, however, to interview and write to the persons concerned, drawing their attention to notices which had not received prompt attention.

There were 755 Informal Notices and letters, etc., referring to nuisances and general dilapidations served, and in due course complied with.

Authority was granted to serve two Abatement Notices both of which were complied with.

### HOUSING INSPECTIONS.

At the request of the Housing Department a total of 182 houses were inspected during the year, 148 Council houses and 34 privately owned houses, to ascertain if they were clean and free from vermin before removal of the occupants to Council houses, or exchanges in Council houses or to privately owned houses.

**HOUSING ACT, 1957.** Fifty unfit dwelling houses were demolished during the year, the number of persons displaced was one hundred and seventy-five.

**SCHOOLS.**—W.C. accommodation and water supply at the schools is satisfactory.

**RENT ACT, 1957**—20 applications for Certificates of Disrepair were received during the year, and certificates were issued in 8 cases. 11 applications for the issue of certificates as to the remedying of defects were received and 10 certificates were issued.

**INSPECTION OF THE FOOD SUPPLY.**—The food exposed for sale in the district has been inspected from time to time. Meat shops and food preparing places are inspected periodically.

A total of 3 cwt. 0 qrs. 17 lbs. of food was condemned as unfit for human consumption during the year.

**SLAUGHTER-HOUSES.** There are no slaughter houses in the district.

**CLEAN FOOD CAMPAIGNS.** Talks on Food Hygiene have been given to Canteen personnel. Posters received from the Ministry have been exhibited in Canteen and Food Premises.

### MILK SUPPLIES

There are five retail distributors of milk in the district four with premises outside the district; also forty-eight shops selling bottled milk and on the whole a fairly high standard of cleanliness is obtained, thirty three visits were made during the year.

**MILK AND DAIRIES REGULATIONS, 1949-54**

No. of distributors registered by the Local Authority.					
(a)	Dairies in the district	...	...	...	1
(b)	Shops in the district selling milk	...	...	...	48
(c)	Premises outside the district	.....	...	...	4

**Milk (Special Designations) (Raw Milk) Regulations, 1949-54**

Dealers Licences including Supplementary Licences					
Tuberculin Tested Milk	...	...	...	...	22

**Milk (Special Designation) (Pasteurized and Sterilized Milk) Regulations, 1949.**

Retail distributors	(a)	"Pasteurized"	...	...	24
	(b)	"Sterilized"	...	...	26

**BACTERIOLOGICAL SAMPLES.**

**MILK SAMPLES**—Thirteen samples were submitted for examination. The Bacteriologist report shows that all samples were satisfactory to the "Methylene Blue Test" the "Phosphatase Test" and to the Turbidity test.

**ICE CREAM SAMPLES**—Twelve samples of ice cream were sent for "Bacteriological Examination".

The results of the samples are as follows:—

Provisional Grade 1	—	1	samples
"	"	2	"
"	"	3	"

Four samples were unfit for examination on arrival at the Laboratory, due to intense heat.

**FOOD AND DRUGS SAMPLES**—Thirteen samples of milk were taken under the Food and Drugs Act, 1955; ten samples were reported "Genuine." and two samples the freezing point indicated 0.3 per cent extraneous water and one sample slightly low in solids not fat. Advised to caution vendor.

**FISH FRYING SHOPS AND WET FISH SHOPS.**—Thirty two visits were paid to fish frying shops and wet fish shops, which were maintained in a generally satisfactory condition.

**PET ANIMALS ACT, 1951**—There are two shops licensed under the provisions of the Act, under the same proprietor, both shops have been inspected during the year and found satisfactory.

**SMOKE ABATEMENT.**—Visits to factories have been made where black smoke grit, and fumes have been notified; interviews between managers, engineers, chemists and stokers have taken place and advice given.

The larger industries find employment for approximately 4,954 persons.

**DRAINAGE AND SEWERAGE**—The Sewerage (which is on the combined system) is discharged without treatment into the Rimrose Brook Drainage system and finally discharged into the River Mersey.

**REFUSE COLLECTION.**—This work is carried out under the supervision of the Public Health Department; three gangs, with three vehicles are used, a much improved service has been given to the new extended area.

The fleet comprises two Paxits and one Low Loader, with one low loader in reserve. Gullies are emptied by hand.

Seventy-six new refuse bins were provided during the year, exclusive of Council property.

**DISINFESTATION**—Two hundred and fifty-eight houses were disinfested during the year by means of spraying D.D.T. in Zaldecide and Gammexane smoke, with success. The disinfestations included bugs, (twenty-nine from Council houses and thirty-nine from other houses) cockroaches, ants, beetles, fleas, silverfish, wasps and bees.

One of the tanneries was infested with small flies, treatment with Zaldecide sprayed was satisfactory. One piggery was successfully treated for flies.

Clothing and bedding were taken to the Council's Steam Disinfector.

Five dead dogs and one dead cat were removed during the year.

#### PREVENTION OF DAMAGE BY PESTS ACT, 1949.—

	RODENT CONTROL					Total
	L.A. Property	Private Dwellings	Business Premises	Agric'al Property	Canal Banks	
Inspection made	42	308	97	2	6	455
Infestations notified	7	87	13	Nil	Nil	107
Infestations found on inspection	11	51	5	1	6	74

<i>Infested Property Treated</i>	TREATMENTS		DESTRUCTION (Approx.)	
	Rats	Mice	Rats	Mice
Local Authority	13	5	53	18
Private dwellings	45	106	51	478
Business Premises	4	13	18	170
Agricultural	Nil	Nil	—	—
Canal Banks	6	Nil	124	—
<b>TOTALS</b>	<b>68</b>	<b>124</b>	<b>246</b>	<b>666</b>

**AGRICULTURAL PROPERTY**—One farm was treated by owner for minor infestations.

**CANAL BANKS**—Treatments were paid for by the British Transport Commission, Inland Waterways Department.

COUNCIL HOUSING ESTATES.—A Survey of Poultry Keepers was carried out during the year.

21 premises were inspected, these included 12 hen runs and 12 pigeon cotes.

No rodent infestations were recorded, and the conditions of cotes and runs were satisfactory.

COUNCIL ALLOTMENTS—Both Beach Road and Hatton Hill Road allotments were inspected for rodents and rabbits. Hatton Hill Allotments continued to be free of pests, Beach Road allotments still show signs of small infestations of rats along the brooks. Several treatments were carried out and infestations were completely destroyed with Warfarin bait.

A few rabbits have been reported by plot holders living on the surface.

The allotments association were advised on prevention and destruction methods.

SEWERS MAINTENANCE—274 manholes were test baited during September and NO takes were recorded. The second part of the 1958/59 destruction treatment was carried out during March, when 35 manholes were treated with Warfarin and pinhead oatmeal oily bait, only 8 takes were recorded. The Ministry's inspector was present during part of each treatment and was satisfied that the Ministry's directions were carried out.

WARFARIN.—All rodent infestations were successfully treated with Warfarin, both on the surface and in the sewers.

TENTS, AND SHEDS.—There is no recognised camping site in the district, and no action was necessary during the year.

CARAVANS.—attached to Fair Grounds were supervised during their stay in the district; pail closets and refuse collection were satisfactorily dealt with by the Local Authority.

SUPERVISION OF INFECTIOUS DISEASES—Thirty-three visits were paid to houses where Infectious Diseases had occurred and the necessary enquiries made into each case, also a sanitary survey was made of the premises, notices served where necessary for various defects, and work was carried out, and thirty-one re-visits were paid to ensure that the work was carried out.

The head teachers have been notified regarding children attending the schools where infectious disease had occurred, also after disinfection.

## FACTORIES ACT, 1937 to 1959

Annual Report of the Medical Officer of Health in respect of the  
Year 1959 for the Urban District of Litherland in the County of  
Lancaster.

### PART I OF THE ACT.

#### 1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		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 ...	8	35	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	57	65	Nil	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority † (excluding out-workers' premises) ...	5	13	Nil	Nil
<b>TOTAL ...</b>	<b>70</b>	<b>113</b>	<b>Nil</b>	<b>Nil</b>

#### 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.")

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) ...	4	4	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)	2	2	Nil	Nil	Nil
Sanitary Conveniences (S.7)					
(a) insufficient ...	Nil	Nil	Nil	Nil	Nil
(b) Unsuitable or defective ...	4	4	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
<b>TOTAL ...</b>	<b>10</b>	<b>10</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

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

Nature of Work (1)	Section 110			Section 111		
	No. of out-workers in August list required by Sect. 110 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	N'tices served (6)	Prosecutions (7)
Wearing apparel { Making, etc. ... .. Cleaning and washing ...	2	Nil	Nil	Nil	Nil	Nil
The making of boxes or other receptacles or parts thereof made wholly or partially of paper	2	Nil	Nil	Nil	Nil	Nil
TOTAL ... ..	4	Nil	Nil	Nil	Nil	Nil

SUMMARY OF WORK OF DEPARTMENT.

Number of inspections and re-inspections (complaints and housing) ... ..	5211
Number of visits and re-visits to factories and workshops ...	207
Number of visits to bakehouses ... ..	15
Number of visits to dairies and milkshops, etc. ... ..	32
Number of informal notices served and letters, etc. ... ..	755
Number of visits to offensive trades ... ..	2
Number of visits to Hotels ... ..	10
Samples of milk submitted for bacteriological examination ..	13
Samples of ice cream submitted for bacteriological examination	12
Samples of milk taken under Food and Drugs Act ... ..	13
Cases of infectious disease visited and reported upon ...	26
Number of houses disinfected ... ..	16
Number of verminous houses disinfested for bugs ... ..	68
Number of verminous houses disinfested for other insects etc. ...	190
Number of visits to fish frying shops and wet fish shops ...	32
Number of visits to butchers' shops, food preparing places, ice cream premises and food hawkers, etc. ... ..	199
Number of visits to schools ... ..	10
Number of visits to Caravans ... ..	8
Number of visits to stable premises and garages ... ..	6
Number of visits to Pet Shops ... ..	4

DETAILS OF SANITARY IMPROVEMENTS AND  
ABATEMENT OF NUISANCES.

Drains tested, repaired or renewed ... ..	72
Defective w.c. cisterns, pans, traps, water supply, etc. ...	129
Staircases repaired ... ..	10

Defective water supply to houses, etc., new taps, burst pipes, etc.	...	...	...	...	...	...	64
Defective floors in dwelling houses, etc.	...	...	...	...	...	...	43
Offensive accumulations	...	...	...	...	...	...	11
New ashbins provided	...	...	...	...	...	...	87
Insanitary yard surfaces	...	...	...	...	...	...	63
Walls and chimneys pointed and repaired	...	...	...	...	...	...	135
Defective eaves, gutters, R.W. pipes, etc.	...	...	...	...	...	...	119
New back boilers, storage cisterns and cylinders provided or repaired	...	...	...	...	...	...	20
Defective skirting and drainer boards repaired	...	...	...	...	...	...	10
Defective plasterwork and limewashing, etc.	...	...	...	...	...	...	82
Repairs to window sashes and frames, and lighting and ventilation improved	...	...	...	...	...	...	70
Leaky roofs (dwelling houses, etc).	...	...	...	...	...	...	106
New doors and repairs to doors	...	...	...	...	...	...	83
Fireplaces repaired or provided	...	...	...	...	...	...	25
New sinks or other sanitary fittings	...	...	...	...	...	...	32
Animals and Fowls kept to be a nuisance	...	...	...	...	...	...	3
Defective washboilers repaired or provided	...	...	...	...	...	...	1

#### FACTORIES ACT, 1937 and 1948.

Want of cleanliness	...	...	...	...	...	...	4
Ineffective drainage of floors	...	...	...	...	...	...	2
Defective sanitary conveniences and insufficient	...	...	...	...	...	...	4

In conclusion I wish to express my thanks to the Chairman and Members of the Health Committee and the staff for their continued support during the year.

I am, Ladies/Gentlemen,

Your obedient Servant,

H. HARRISON,

*Chief Public Health Inspector*



