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Contributors

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FORMBY URBAN DISTRICT COUNCIL.

ANNUAL REPORT FOR 1954.

Health Department,
Council Offices,
FORMBY.

August, 1955.

To the Chairman and Members of the
Formby Urban District Council.



Ladies and Gentlemen,

I have the honour to submit my Annual Report on the Health and Sanitary conditions of your district for 1954.

The Urban District of Formby is situated on the estuary of the Mersey, North of the River Alt, and approximately midway between Liverpool and Southport. It has on its southern, eastern and northern boundaries, agricultural land throughout their entire length. The greater portion of the eastern boundary is formed by Downholland Brook, which empties into the River Alt, and this brook takes practically the whole of the surface water drainage of the district. The district is rather scattered, and the chief development is on the eastern side of the Electric Railway, which runs through the centre of the district due north and south. The configuration of the district is flat and the sub-soil is drift sand.

The major portion of the land in the district is as yet undeveloped, and this provides abundance of open space. There are two Golf Clubs in the district, comprising 555 acres, a football field and a cricket field which, along with other areas, have been scheduled as open spaces in the Council's Town Planning Scheme.

On the open space known as No. 5 in the Town Planning Scheme, a very artistic pavilion and public conveniences have been erected, a bowling green and miniature golf course have been constructed, and pitches set aside for football and cricket. This open space is close to Formby Station and its boundaries are: On the north - Duke Street; on the west - Kings Road; on the south - Phillips Lane, and on the east - Duke's Farm. Its area is approximately twelve acres.

The social conditions are fairly good. There are no slum areas, but there is a certain amount of overcrowding. There is a definite shortage of houses, which, as time goes on will be greatly relieved by the Council's proposed housing schemes. The total number of Council houses is now 190, parlour type - 92; non-parlour type - 95; old persons' bungalows - 4, and 35 huts on the Woodvale R.A.F. site have been converted into 70 temporary dwellings.

The Acts and Regulations relating to Infectious Diseases have been carefully followed. Patients are admitted to any of the Infectious Diseases Hospitals available under the Divisional Health Service.

The district has been carefully inspected and the sanitary condition is fairly good. Of course, there are faults, and a great many have been, and more will be, eliminated as the sewers are extended.

The total number of cases notified under the proviso to Article 5 of the Public Health (Infectious Diseases Regulations) 1927, the Measles and Whooping Cough Regulations,

1. The purpose of this report is to provide information on the status of the project and the results of the work done during the period from 1 January 1978 to 31 December 1978.

2. The project was initiated in 1977 and is currently in progress. The results of the work done during the period from 1 January 1978 to 31 December 1978 are presented in this report.

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1940, and the Public Health (Tuberculosis) Regulations, 1930, was 278, an increase of 176 on the year 1953, due to a mild epidemic of measles during the latter portion of the first half of the year. The average for the past five years is 185 and a rate for the year of 27.85 per thousand of the population.

During the year 135 births were registered, male 76, female 59. This is a decrease of 10 on the year 1953, and a crude birth rate of 13.5 per thousand of the population.

The number of deaths registered during the year numbered 114 (55 males, 59 females). This is an increase of six on the year 1953, and a crude death rate of 11.4 per thousand of the population. The birth rate exceeds the death rate by 2.1 per thousand of the population. The average age at death (infants under twelve months excluded): Male, 67.4; female 74.2.

I am, Ladies and Gentlemen,

Your obedient Servant,

M.G. GARRY.

URBAN DISTRICT OF FORMBY.

The Annual Report of the Medical Officer of Health for the year 1954.

Statistics and Social Conditions of the Area.

Area in acres: L.W. Mark: 7,308. H.W. Mark: 5,613.

Population: Preliminary census 1951 - 10,429.

Registrar-General's estimate of population (middle 1953) - 9,980.

Live Births.

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	75	58	133
Illegitimate	<u>1</u>	<u>1</u>	<u>2</u>
	<u>76</u>	<u>59</u>	<u>135</u>

Still Births.

Legitimate	-	1	1
Illegitimate	-	-	-
	<u>Nil.</u>	<u>1</u>	<u>1</u>

Deaths.

<u>55</u>	<u>59</u>	<u>114</u>
-----------	-----------	------------

Deaths of Infants under one year of age.

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	2	2	4
Illegitimate	-	-	-
	<u>2</u>	<u>2</u>	<u>4</u>

Deaths of Infants under four weeks of age.

Legitimate	2	2	4
Illegitimate	-	-	-
	<u>2</u>	<u>2</u>	<u>4</u>

For comparative purposes, the Crude Birth or Death Rate should be multiplied by the comparability factors to make them comparable with the Crude Rates for the country as a whole or any local area, the Crude Rates of which should be modified with its own factor for the purpose.

The comparability factor supplied by the Registrar General for the Formby Urban District is :- Live Births, 1.22, Deaths, 0.94. Therefore, the adjusted rates would be :- Births, 16.5, Deaths 10.7.

Mortality Rates per 1,000 Estimated Population.

Total (all forms)	
Crude Rate	11.4
Adjusted Rate	10.7
Respiratory Tuberculosis	0.10
Malignant Neoplasms, etc.	2.20

Live Birth Rates per 1,000 Estimated Population.

Crude Rate	13.5
Adjusted Rate	16.5
Stillbirth rate per 1,000 <u>total</u> births	7
Maternal mortality rate per 1,000 <u>total</u> births	Nil.
Infant mortality rate per 1,000 <u>live</u> births	30
Neo-natal mortality rate per 1,000 <u>live</u> births	30

Results of the 1950 Census for the State of Ohio

White	Colored	Total
1,000,000	1,000,000	2,000,000
1,000,000	1,000,000	2,000,000

Results of the 1950 Census for the State of Ohio

White	Colored	Total
1,000,000	1,000,000	2,000,000
1,000,000	1,000,000	2,000,000

The comparative purposes, the State of Ohio has been divided into counties for the purpose of comparison. The comparative purposes, the State of Ohio has been divided into counties for the purpose of comparison. The comparative purposes, the State of Ohio has been divided into counties for the purpose of comparison.

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White	Colored	Total
1,000,000	1,000,000	2,000,000
1,000,000	1,000,000	2,000,000

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

HOSPITALS.

Smallpox and Other Infectious Diseases.

There is no Infectious Diseases Hospital in the district. Under the National Health Service Act, 1946, Formby comes under the Lancashire County Council Health Division, No.7, and patients are moved to any of the Infectious Diseases Hospitals serving the Divisional Area.

Non-Infectious Diseases.

Patients are moved to any of the Hospitals for non-infectious diseases serving the Divisional Area.

Tuberculosis.

Administered by the County Council. Tuberculosis Clinic, Southport Infirmary, Southport.

Maternity.

There is no Maternity Hospital in the district, but the Hospitals for the Health Division No. 7 are available.

Ambulance Service.

- | | | |
|---|---|---|
| (a) For infectious cases | } | Provided by County Council under the management of the Divisional Health Committee. |
| (b) For emergency cases, i.e., accidents, sudden illness, wherever it may take place, and maternity patients. | | |
| (c) Non-urgent cases, i.e., cases which require transport to hospital or from one hospital to another or to out-patient departments and clinics or from hospital to their houses. | } | Ambulance for all services stationed at the Fire Station. Telephone, Formby 127. |

Professional Nursing in the Home.

The Local Authority has not provided any Home Nursing. There are two District Nurses who work under the County Council. The District Nurses' address is :- 49, Alderson Crescent, Formby.

Midwives.

The number of midwives practising in the district and on the County Register, 31st December, 1954, is three.

Nursing Homes.

There are two Nursing Homes in the district registered under the Public Health Act, 1936 :-

"Bemerside," Victoria Road, Formby.
21, Freshfield Road, Formby.

GENERAL REVIEW OF HEALTH SERVICES IN THE AREA

Background

Health and Other Important Services

There is no infectious diseases hospital in the district. Under the National Health Service Act, 1946, County Councils and Local Health Councils Health Division, No. 1, and patients are moved to any of the infectious diseases hospitals serving the Division area.

Infectious Diseases

Patients are moved to any of the hospitals for infectious diseases serving the Division area.

Examination

Administered by the County Council. The District Office, County Infirmary, Newtown.

Examination

There is no laboratory hospital in the district, but the hospital for the Health Division No. 1 are available.

Medical Services

- | | |
|---|---|
| (a) For infectious cases | Provided by County Council under the management of the Divisional Health Committee. |
| (b) For infectious cases, i.e., diphtheria, scarlet fever, whooping cough, etc. | Provided by County Council under the management of the Divisional Health Committee. |
| (c) For infectious cases, i.e., diphtheria, scarlet fever, whooping cough, etc. | Provided by County Council under the management of the Divisional Health Committee. |
| (d) For infectious cases, i.e., diphtheria, scarlet fever, whooping cough, etc. | Provided by County Council under the management of the Divisional Health Committee. |
| (e) For infectious cases, i.e., diphtheria, scarlet fever, whooping cough, etc. | Provided by County Council under the management of the Divisional Health Committee. |

Professional Staff in the Area

The local authorities have not provided any health services. There are no health services in the County Council. The District Council, however, is a health service.

Health Services

The number of health services in the district and on the County Council, 1946, is as follows.

Health Services

There are two health services in the district, one under the Public Health Act, 1936, and one under the Public Health Act, 1936.

"General" Victoria Road, Newtown.
"Specialist" Victoria Road, Newtown.

Laboratory Facilities.

The City Laboratories, Mount Pleasant, Liverpool.

National Assistance Act, 1948 and 1951, Section 47.

It was not found necessary to take action under the above section.

SANITARY CIRCUMSTANCES OF THE DISTRICT.

Water Supply.

The water supplied to the district is from the Southport and District Water Board. The sources of supply are four pumping stations with deep wells, headings and boreholes sunk in the new red sandstone formation. There are three covered reservoirs which have a combined capacity of six million gallons. They are situated at Gorse Hill, Aughton.

The supply is constant and there is little possibility of contamination, and no shortage has been experienced. The water is hard and is classified as a Temporary Hard Water, i.e., the hardness can be removed by boiling. Being of a hard nature, there is no fear of any plumbo-solvent action.

On the outskirts of the district eighteen houses procure their water from thirteen wells, and two houses, owned by the British Railways, have their water supply brought twice a week in tanks.

Five samples from the mains and two samples from wells were submitted for Bacteriological examination and Chemical Analysis.

Supply to Houses.

From Public Mains		From private supplies, e.g. wells, springs, etc.			
Direct to Houses		By means of stand- pipe.			
No. of dwelling houses	No. of population	No. of houses	No. of population	No. of dwelling houses	No. of population
2,727	9,908	5	18	18	56

Overleaf is a copy of the latest analysis and bacteriological examination made on behalf of the Formby Urban District Council.

SOUTHPORT AND DISTRICT WATER BOARD.

COPY OF A REPORT ON THE ANALYSIS OF A SAMPLE OF WATER.

Labelled:

Dated:

Fire Station, Piercefield Road, Formby. 2.9.54. 9.30 a.m.

CHEMICAL RESULTS IN PARTS PER MILLION.

Appearance: Slight opalescence with very few mineral particles. Turbidity (Silica Scale) 5.

Colour (Hazen)	Nil.	Odour	Nil.
Reaction pH	7.2	Free Carbon Dioxide	22
Electricity Conductivity at 20°C.	610	Total Solids, dried at 180°C.	410
Chlorine present as Chloride	26	Alkalinity as Calcium Carbonate	245
Hardness:	Total 325	Carbonate (Temporary)	245
		(Permanent)	80
Nitrate Nitrogen	0.0	Nitrite Nitrogen	Absent.
Free ammonia	0.0	Oxygen absorbed in 4 hrs. at 27°C.	0.30
Albiminoid Ammonia	0.0	Residual Chlorine	Absent.
Metals:	Iron 0.06		
	Manganese 0.03		
	Other metals absent.		

BACTERIOLOGICAL RESULTS.

	1 day at 37°C.	2 days at 37°C.	3 days at 20°C.
Number of Colonies developing on Agar per ml.in.	0	0	0
Presumptive Coli-aerogenes reaction.	Present in - Absent from 100 ml.		
Bact. coli.(Type 1.)	Present in - Absent from 100 ml.		
Cl.welchii reaction.	Present in - Absent from 100 ml.		

This sample is practically clear and bright in appearance, neutral in reaction and free from metals apart from negligible traces of iron and manganese. The water is very hard in character, though not excessively so, and it contains no excess of salinity or mineral constituents in solution. It is of the highest standard of organic and bacterial purity. These results are consistent with a pure and wholesome water suitable for drinking and domestic purposes.

COPY OF A REPORT OF THE ANALYSIS OF A SAMPLE OF WATER

Labelled: _____
 Date: _____
 Time: _____
 Place: _____

GENERAL RESULTS OF ANALYSIS

Appearance: Slightly opalescent with very few minute particles. Turbidity (Nephelometer) 2.					
Color (Hazen) 11.1	Odor 0.0	Flavor 0.0			
Reaction 8.5	Free Carbon Dioxide 32				
Refractive Index 1.3420 at 20°C	Total Solids, dried at 100°C 410				
Chlorine present as Chloride 35	Alkalinity as Calcium Carbonate 105				
Hardness: Total 125 (Temporary) 105 (Permanent) 20					
Nitrate Nitrogen 0.0	Nitrite Nitrogen 0.0				
Free ammonia 0.0	Oxygen absorbed in 1 hr. at 20°C 0.10				
Aluminum Ammonia 0.0	Residual Chlorine 0.10				
Metals: Iron 0.00					
Manganese 0.02					
Other metals absent.					

BACTERIOLOGICAL RESULTS

	1 day at 20°C	5 days at 20°C	10 days at 20°C
Number of colonies developing on agar per ml. in 100 ml.	0	0	0
Thermophilic Bacteria (Type 1)	Present in 100 ml.	Present in 100 ml.	Present in 100 ml.
Coliform Bacteria	Present in 100 ml.	Present in 100 ml.	Present in 100 ml.

This sample is practically clear and bright in appearance, having no visible and few from minute spots from microscopic lenses of iron and manganese. The water is very hard in character, though not excessively so, and is devoid of excess of acidity or mineral constituents in solution. It is of the highest standard of organic and bacterial purity. These results are consistent with a pure and wholesome water suitable for drinking and domestic purposes.

Streams and Watercourses.

These have been cleansed where necessary by the owners or occupiers of adjoining lands. A certain amount of pollution takes place in the unsewered area of the district, due to the percolation and discharge of sewage from cesspools, and during the year it was found necessary to serve three notices to prevent pollution.

Drainage and Sewage.

Careful attention is given to the drains and sewers, and every complaint is attended to without delay. The Sewage system is by gravitation and Septic Tank Treatment. The out-fall from the tanks discharges into the sea. The sewers are flushed regularly. All new drains are tested and existing drains are tested when necessary. Drains are flushed when found necessary.

The extension of sewers to the unsewered areas of the district is of vital importance. The Council fully appreciate this necessity, and further extension is contemplated in the near future.

In the sewered area, one house had the drains connected to the sewer, and the cesspool abolished and seventy-four new houses have been drained to the sewers and twelve to cesspools.

Closet and Ashpit accommodation.

There still exists in the district a number of privy middens, pail closets and dry ashpits. As these are situated chiefly in the unsewered area no definite policy has been laid down for conversion and each case is treated on its merits.

All new property is provided with fresh W.C.'s and sanitary ashbins made of galvanised iron and fitted with covers.

Privy Middens - number of middens	13
Number of closets attached to these middens	13
Number of pail closets	291
Number of fresh water closets	3,070
Number of waste water closets	Nil.
Number of dry ashpits (excluding middens)	72
Number of moveable ashbins for refuse	3,177
Number of houses on water carriage system	2,446

Conversions :-

	<u>During year</u> <u>1954.</u>	<u>During five years</u> <u>1950 - 1954.</u>
Number of privy closets -		
To fresh W.C.'s.	Nil.	Nil.
To waste W.C.'s.	Nil.	Nil.
To pails, etc.	Nil.	4
Number of pail closets -		
To fresh W.C.'s.	1	14
To waste W.C.'s.	Nil.	Nil.
Number of waste W.C.'s :-		
To fresh W.C.'s.	Nil.	Nil.
Number of houses at which moveable ashbins have been substituted for fixed receptacles.	2	14

Public Cleansing.

The scavenging of streets, the emptying of ashpits, ashbins and pail closets is carried out by the Council's staff.

These data were obtained from a survey of the water of the Great Lakes and St. Lawrence River. The survey was conducted by the U.S. Fish and Wildlife Service, and the results are presented in this report. The survey was conducted in 1964, and the results are presented in this report. The survey was conducted in 1964, and the results are presented in this report.

TABLE 2. - SUMMARY OF DATA

These data were obtained from a survey of the water of the Great Lakes and St. Lawrence River. The survey was conducted by the U.S. Fish and Wildlife Service, and the results are presented in this report. The survey was conducted in 1964, and the results are presented in this report. The survey was conducted in 1964, and the results are presented in this report.

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1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

TABLE 4. - SUMMARY OF DATA

Year	1964	1965	1966	1967	1968	1969	1970	1971	1972
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

TABLE 5. - SUMMARY OF DATA

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Public Cleansing (Cont'd.)

Cesspools are emptied by the owners or occupiers of properties with cesspools. All adopted streets are scavenged at least once per week. Ashpit refuse and ashbin refuse is removed in covered motor vehicles to the Council's Destructor which is situated in Altcar Lane, adjacent to the Sewage Works. The contents of pail closets are removed in a covered tank cart, motor drawn, and disposed of in the public sewer.

Schools.

The sanitary condition of the schools is fairly satisfactory. During the summer vacation, four schools were inspected and disinfected where considered necessary.

Shops Act, 1934 - 1950.

The general condition of shops within the district is satisfactory. Action taken in one instance for the repair of sanitary fittings and provision of ashbin.

A number of inspections were made in respect of the employment of young persons and the reports rendered to the County Council.

Factories Act, 1937.

Periodical inspections have been made and the general conditions are fairly satisfactory.

1. Inspections for purposes of provisions as to health
(including inspections made by Sanitary Inspectors).

	Number on Register.	Number of Inspections.	Number of Written Notices.	Occupiers Prosecuted.
(i) Factories in which Sections 1, 2, 3, 4 and 6 are enforced by the Local Authority.	26	34	-	-
(ii) Factories not included in (i) in which Sec. 7 is enforced by Local Authority.	9	9	-	-
(iii) Other premises in which Sec. 7 is enforced by Local Authority (excluding out-worker's premises)	11	14	3	-
Total	46	57	3	-

Investigation was conducted by the Bureau of Investigation at...
 The results of the investigation are as follows:
 1. The investigation was conducted by the Bureau of Investigation at...
 2. The results of the investigation are as follows:
 3. The investigation was conducted by the Bureau of Investigation at...
 4. The results of the investigation are as follows:

Results

The results of the investigation of the subject is fairly...
 satisfactory. During the investigation, the subject was...
 inspected and interviewed where considered necessary.

Scope of Investigation - 1950

The general objective of scope within the district is...
 satisfactory. Action taken in the district for the purpose of...
 satisfactory findings and protection of subject.

A number of investigations were made in regard to the...
 employment of subject persons and the reports rendered in the...
 County Court.

Investigation - 1951

Particular investigation was made and the results...
 satisfactory and fairly satisfactory.

Investigation for purpose of protection as to health...
 (including investigation made by County Inspector).

Number on Subject of... Investigation, Number of... Investigation	Number of... Investigation	Number of... Investigation	Number of... Investigation	Number of... Investigation
(i) Protection in... which... is... Local Authority	25	25	25	25
(ii) Protection... not... is... Local Authority	2	2	2	2
(iii) Other... is... Local Authority	17	17	17	17
Total	44	44	44	44

Factories Act, 1937. (Cont'd.)

2. Cases in which defects were found :-

	Number of cases in which defects were found.				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Insp.	By H.M. Insp.	
Want of cleanliness	1	1	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature S.3.	-	-	-	-	-
Inadequate ventilation S.4.	-	-	-	-	-
Ineffective drainage of floors S.6.	-	-	-	-	-
Sanitary Conveniences, S.7.					
(a) Insufficient.	-	-	-	-	-
(b) Unsuitable or defective	3	3	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences (not including offences relating to outwork)	-	-	-	-	-
Total	4	4	-	-	-

Camping Sites.

Two sites were licensed for the period 1st April, 1954 to 30th September, 1954, on the south side of Lifeboat Road close to the foreshore and on the north side of Victoria Road close to the foreshore. The estimated maximum number of campers at one time during the season was 500-600.

Long Lane Farm site and Bang Braids Farm site, licensed to 30.6.55 have been renewed to 30.6.56.

Sanitary Inspections.

Number of premises visited	292
Defects or nuisances :-	Number discovered 65
	Number abated 61
Notices served :-	Informal 65
	Statutory 8

Atmospheric Pollution.

There are two factory and works chimneys in the district. The time limit allowed for the emission of black smoke per hour is four continuous minutes. Twenty-two observations were taken during the year and it was not found necessary to take any action.

HOUSING.

The Council have now erected under the Housing Acts 190 houses, four in Brows Lane, sixteen in Watchyard Lane, forty-two in New Road, fifty in Alderson Crescent, twenty-two in Andrews Lane and Queens Road, twelve in Lonsdale Road, four in Duke Street, fourteen in King's Close and two in Cheapside. Also thirty-five huts on the Woodvale R.A.F. site have been converted into seventy temporary dwellings.

The sanitary condition of many houses has been improved and a number of structural repairs have been carried out under the Public Health and Housing Acts. Under the present day difficulties, quite good progress has been made, but there still remains much to be done. On the 31st December, 1954, according to the Rate Book, the number of houses in the district was :- houses, flats and huts 2,750, Service married quarters 19, total - 2,769.

Number of new houses erected during the year :-

	<u>Houses</u>	<u>Flats</u>
(a) By Local Authority	1	-
(b) By other Local Authorities	12	-
(c) By other bodies or persons	73	4
	<u>86</u>	<u>4</u>

Five houses in Cheapside are under construction and schemes are now being prepared for eighteen houses in Foster Road and seventy-two houses on the Royal Hotel Site.

1. Inspections.

- | | | | |
|-----|-----|--|----|
| (1) | (a) | Total number of dwelling houses inspected for housing defects (under the Public Health or Housing Acts). | 39 |
| | (b) | Number of inspections made for the purpose. | 43 |
| (2) | (a) | Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidation Regulations, 1925 and 1932, | 2 |
| | (b) | Number of inspections made for the purpose. | 2 |
| (3) | | Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation. | 18 |
| (4) | | Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation. | 29 |

2. Remedy of defects during the year without service of formal notices.

- | | | |
|-----|--|----|
| (1) | Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers. | 11 |
|-----|--|----|

3. Action under Statutory Powers during the year.

- | | | |
|-----|--|---|
| (1) | Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936. | |
| (a) | Number of dwelling houses in respect of which notices were served requiring repairs. | 3 |

The Council have now reported under the Housing Act 1957, that in New York, sixteen in Washington, D.C., twenty-two in New York, fifty in London, twenty-five in Amsterdam and twenty in Paris. In the United States, twenty-two in New York and ten in Washington, D.C. Also thirty-five in the Washington D.C. area have been converted into private temporary dwellings.

The majority consisted of many houses have been improved and a number of structural repairs have been carried out under the Public Health and Housing Act. Under the present day conditions, with good progress has been made, but there will remain much to be done. On the 31st December, 1957, according to the latest book, the number of houses in the district was: - Houses, flats and hostels 2,750. Private rented houses 19, total - 2,100.

Number of new houses erected during the year: -

By Local Authority	Houses	Flats
(a) By Local Authority	1	-
(b) By other Local Authorities	12	-
(c) By other bodies or persons	17	4
	30	4

Five houses in the district are under construction and schemes are now being prepared for sixteen houses in total. Good and seven-story houses on the Royal Hotel site.

1. Inspections.

- (a) Total number of dwelling houses inspected for housing defects (under the Public Health and Housing Act). 28
- (b) Number of inspections made for the purpose. 43
- (c) Number of dwelling houses (including under sub-head (1) above) which were inspected and reported under the Housing Corporation Regulations, 1955 and 1956. 2
- (d) Number of inspections made for the purpose. 2
- (e) Number of dwelling houses found to be in a state of disrepair or liable to be in a state of disrepair for human habitation as to the walls for human habitation. 14
- (f) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation. 19

2. Report of defects during the year without reference to formal notices.

- (1) Number of defective dwelling houses reported to the Council in consequence of informal action by the Local Authority or local officers. 11

3. Action taken to remedy defects during the year.

- (1) Proceedings under Sections 9, 10 and 11 of the Housing Act, 1957. 2
- (2) Number of dwelling houses in respect of which action was taken resulting in repairs. 10

3. Action under Statutory Powers during the year (Cont'd.)

- (b) Number of dwelling houses which were rendered fit after service of formal notices :-
- | | | |
|------|---|------|
| (i) | By owners | 3 |
| (ii) | By Local Authority in default of Owners | Nil. |
- (2) Proceedings under Public Health Acts :-
- (a) Number of dwelling houses in respect of which formal notices were served requiring defects to be remedied. 14
- (b) Number of dwelling houses in which defects were remedied after service of formal notices :-
- | | | |
|------|---|------|
| (i) | By Owners | 14 |
| (ii) | By Local Authority in default of Owners | Nil. |
- (3) Proceedings under Sections 11 and 13 of the Housing Acts, 1936 :-
- (a) Number of dwelling houses in respect of which Demolition Orders were made. Nil.
- (b) Number of dwelling houses demolished in pursuance of Demolition Orders. Nil.
- (c) Number of dwelling houses in respect of which undertakings "not to occupy" were accepted by Local Authority. 1
- (4) Proceedings under Section 12 of the Housing Act, 1936 :-
- (a) Number of separate tenements or underground rooms of which Closing Orders were made. Nil.
- (b) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit. Nil.

4. Housing Act, 1936 - Part IV - Overcrowding.

- (1) (a) Number of dwellings overcrowded at end of year 21
- (b) Number of families dwelling therein 28
- (c) Number of persons dwelling therein 118
- (2) Number of new cases of overcrowding reported during the year. 3
- (3) (a) Number of cases of overcrowding relieved during the year 10
- (b) Number of persons concerned in such cases 44

The War is the chief cause of overcrowding. House building ceased and a number of people evacuated themselves and came to live with relatives or rented rooms, and newly married couples who cannot find houses are living with relatives.

(b) Number of dwelling houses in which
which certain notices were served
regarding notices to be removed.

(1) St. Charles
(2) St. Louis
(3) St. Louis
(4) St. Louis
(5) St. Louis

(7) Proceedings under Public Health Act:

(a) Number of dwelling houses in respect of
which certain notices were served
regarding notices to be removed.

(b) Number of dwelling houses in which
certain notices were served
regarding notices to be removed.

(1) St. Charles
(2) St. Louis
(3) St. Louis
(4) St. Louis
(5) St. Louis

(8) Proceedings under Sections 11 and 12 of the
Housing Act, 1925:

(a) Number of dwelling houses in respect of
which certain notices were served
regarding notices to be removed.

(b) Number of dwelling houses in respect of
which certain notices were served
regarding notices to be removed.

(c) Number of dwelling houses in respect of
which certain notices were served
regarding notices to be removed.

(9) Proceedings under Section 13 of the Housing
Act, 1925:

(a) Number of separate tenements or other
ground rooms in which certain notices
were served.

(b) Number of separate tenements or other
ground rooms in respect of which
certain notices were served, the
tenement or room having been removed
or altered.

Housing Act, 1925 - Part IV - Enforcement

(1) (a) Number of dwellings demolished at end
of year
(b) Number of dwellings demolished during
the year

(2) Number of cases of overcrowding
reported during the year.

(3) (a) Number of cases of overcrowding relieved
during the year
(b) Number of persons concerned in such
cases

The Act is the chief means of enforcement. It
provides for the removal of overcrowded premises
and for the improvement of housing conditions.
It also provides for the improvement of housing
conditions and for the improvement of housing
conditions.

A good many of these people who evacuated themselves cannot return due to the shortage of houses in their own district and others have no desire to return. There is a definite shortage of houses of the 950 to 1,000 super feet class. The minimum number required is approximately 150 to 200.

5. Housing Act, 1949 - Part 22 - Improvements, Grants, etc.

- | | | |
|---------|--|------|
| (1) (a) | Number of schemes submitted by private individuals to Local Authority. | Nil. |
| (b) | Number of schemes submitted by Local Authority to Ministry. | Nil. |

INSPECTION AND SUPERVISION OF FOOD.

The Milk and Dairies Regulations, 1949.

Number of distributors operating from :-

(a)	Own dairies in the district	2
(b)	Dairy farms in the district	7
(c)	Shops in the district other than dairies	2
(d)	Premises outside the district	3

The Milk (Special Designation) (Raw Milk) Regulations, 1949.

Number of Dealers Licences "Tuberculin Tested" Milk.	5
Number of Supplementary Licences "Tuberculin Tested" Milk.	2

The Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949.

Number of Dealers Licences "Pasteurised Milk".	5
Number of Supplementary Licences "Pasteurised Milk".	2

Number of Licences issued in respect of Heat Treated Milk :- Retail Distributors.

(a) Pasteurised - Dealers, 5.	Supplementary 2.
(b) Sterilised - " 5.	" 2.

(a) Raw Milk.

(i) Number of samples submitted for Tuberculosis Biological Tests	4
Result - Negative 4.	
(ii) Number of samples submitted for Methylene Blue Reduction Test	4
Result - Satisfactory 4.	
(iii) Number of samples submitted for B. Coli examination	1
Result - Satisfactory 1.	
(iv) Number of samples submitted for Sediment Tests	23
Result - Satisfactory 20.	
Unsatisfactory 3.	

Meat and Other Foods.

A number of visits were made to food shops and places where food is prepared, including the N.A.A.F.I. Harington Barracks and the R.A.F. Station, and the following foods were surrendered voluntarily by the owners when found unfit for human consumption :-

3 tins luncheon meat; 5 tins evaporated milk;

1 tin corned beef; 2 tins beef steak;
3 tins liquid eggs; 1 tin ham; 1 tin peaches;
4 tins pineapple; 6 tins apricot; 1 tin plums;
17 tins pears; 12 tins crushed apple; 1 tin
gooseberries.

Method of Disposal of Condemned Food.

All food condemned was surrendered voluntarily. Being in small quantities and chiefly canned foods it was destroyed at the Refuse Destructor.

Ice-Cream (Heat Treatment, etc.) Regulations, 1947-8.

The necessary steps have been taken to ensure that these Regulations are being observed, and there are now in the district twenty premises registered for the sale of ice-cream and one for the manufacture and sale.

Number of Food premises, by type of business, in the district at end of year 1954.

Grocers' shops	20
Green grocers' shops	8
Butchers' shops	8
Confectioners	10
Fishmongers	5
Fish and chip shops	4
Cafes (4), Seasonal (2)	6
Hotels.. .. .	1

Number of food premises, by type, registered under S.14 of the Food and Drugs Act, or under Local Acts.

Type of Business.	No. registered at 31.12.54.	No. of inspections during 1954.
Manufacture of Ice Cream	1	2
Storage and sale of Ice Cream	20	23
Manufacture of sausage at Butchers' shops	6	6
Manufacture of sausage and cooked meats at Butchers' shops	1	2
Shrimp boiling	2	3

Lancashire County Council (Rivers Board and General Powers) Act, 1938, Sections 115 to 116, the Lancashire County Council (General Powers) Act, 1951, Section 14.

Under the above Act, the number of Hawkers licensed is five, and the number of premises licensed for the storage of food is four.

Food Poisoning.

During the year no cases or suspected cases were notified.

Prevalence of, and control over, Infectious Diseases.

During the year, 262 cases of infectious disease (other than tuberculosis) were notified, and five of these were removed to hospital. This is an increase of 173 on the year 1953, and a rate per thousand of the population of 26.26.

1. The Bureau of the
 2. The Bureau of the
 3. The Bureau of the
 4. The Bureau of the
 5. The Bureau of the
 6. The Bureau of the
 7. The Bureau of the
 8. The Bureau of the
 9. The Bureau of the
 10. The Bureau of the

Method of Disposal of the Bureau of the

All the Bureau of the
 being an equal quantity of the Bureau of the
 destroyed at the Bureau of the

Losses of the Bureau of the

The Bureau of the
 these losses are being reported, and there are in the
 Bureau of the Bureau of the Bureau of the Bureau of the
 and one for the Bureau of the Bureau of the

Number of Food Products in the Bureau of the

Food products	1
Food products	2
Food products	3
Food products	4
Food products	5
Food products	6
Food products	7
Food products	8
Food products	9
Food products	10

Number of Food Products in the Bureau of the

Type of Product	Number of Products	Number of Products
Food products	1	2
Food products	3	4
Food products	5	6
Food products	7	8
Food products	9	10

Losses of the Bureau of the

Under the Bureau of the
 to the Bureau of the Bureau of the Bureau of the
 at the Bureau of the Bureau of the Bureau of the

Food Products

During the year of the Bureau of the
 Bureau of the Bureau of the Bureau of the

Losses of the Bureau of the

The Bureau of the
 these losses are being reported, and there are in the
 Bureau of the Bureau of the Bureau of the Bureau of the
 and one for the Bureau of the Bureau of the

All contacts were kept under observation and no scarlet fever "return" cases were discovered.

Disinfection.

During the year, 25 houses and 2 schools were disinfected, the methods employed being Formulín fumigation and spray. All articles (bedding, clothing, etc.) exposed to infection were removed to, and disinfected at the Council's Disinfecting Station in a Bacteriol Disinfector. Number of articles treated - 783. Articles destroyed by request - 4.

Disinfestation.

Disinfestation has been carried out at two houses. Method employed - Hivex and Cimex Fumigation and McDougall's Insecticides.

All contents were kept under observation and no attempt to
"steal" was made.

Disposal

During the year, 12 boxes and 2 barrels were
disposed of. The boxes were sent to the
and other. All other things, etc., were
to the disposal of the Government. The
Disposal of the same is a matter of
which is a matter of record.

Disposal

The disposal of the same has been carried out of the
to the disposal of the Government. The
Disposal of the same is a matter of record.

CASES OF INFECTIOUS DISEASE (OTHER THAN TUBERCULOSIS)
NOTIFIED DURING THE YEAR 1954.

	Total cases at all ages.	Age Period - Years.									Total Deaths.	Total cases removed to hospital.	Deaths in hospital.
		0	1	3	5	10	15	25	45	65 & over.			
Scarlet fever	16	-	-	3	10	2	1	-	-	-	-	1	-
Erysipelas	1	-	-	-	-	-	1	-	-	-	-	-	-
Measles	188	1	23	37	118	7	2	-	-	-	-	-	-
Whooping cough	53	2	6	10	33	1	-	-	1	-	-	-	-
Pneumonia	3	-	-	1	-	-	1	-	1	-	-	2	-
Malaria (contracted abroad)	1	-	-	-	-	-	1	-	-	-	-	-	-
	89	3	29	51	161	10	6	-	2	-	-	3	-

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING THE YEAR, 1954.

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0 -	-	-	-	-	-	-	-	-
1 -	-	-	-	-	-	-	-	-
2 -	-	-	-	-	-	-	-	-
5 -	1	1	-	-	-	-	-	-
10 -	1	-	-	-	-	-	-	-
15 -	-	-	-	-	-	-	-	-
20 -	1	4	-	-	-	-	-	-
25 -	1	2	-	1	-	-	-	-
35 -	-	-	-	-	-	-	-	-
45 -	-	-	-	-	-	-	-	-
55 -	1	-	-	-	-	-	-	-
65 -	2	-	1	-	1	-	-	-
75 and upwards	-	-	-	-	-	-	-	-
	7	7	1	1	1	-	-	-
	14		2		1		-	

TABLE 1. DISEASES REPORTED DURING THE YEAR 1924
REPORTED BY THE STATE

Disease	Total Cases	Age Period - Years												Total Deaths
		0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	
Scarlet fever	10	-	-	1	1	1	1	1	1	1	1	1	1	1
Dysentery	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	125	1	1	1	1	1	1	1	1	1	1	1	1	1
Whooping cough	25	1	1	1	1	1	1	1	1	1	1	1	1	1
Polio	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonella (acute)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Red (diph)	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	163	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE 2. DISEASES REPORTED DURING THE YEAR 1924

REPORTED BY THE STATE

Age Period	Respiratory				Non-Respiratory				Total	
	0-1	1-2	2-3	3-4	0-1	1-2	2-3	3-4	0-1	1-2
0-1	1	-	-	-	1	-	-	-	2	-
1-2	1	-	-	-	1	-	-	-	2	-
2-3	1	-	-	-	1	-	-	-	2	-
3-4	1	-	-	-	1	-	-	-	2	-
4-5	1	-	-	-	1	-	-	-	2	-
5-6	1	-	-	-	1	-	-	-	2	-
6-7	1	-	-	-	1	-	-	-	2	-
7-8	1	-	-	-	1	-	-	-	2	-
8-9	1	-	-	-	1	-	-	-	2	-
9-10	1	-	-	-	1	-	-	-	2	-
10-11	1	-	-	-	1	-	-	-	2	-
11-12	1	-	-	-	1	-	-	-	2	-
Total	10	0	0	0	10	0	0	0	20	0

The total number of cases notified was 14 (pulmonary) and 2 (non-pulmonary). The average for the past five years, Pulmonary and Non-Pulmonary is 13.2 and the rate per 1,000 of the population for the year is 1.4. On the 31st December, 1954, the total cases remaining on the Register numbered 64, Pulmonary 48, Non-Pulmonary 16.

The notification of Tuberculosis is quite efficient and it has not been found necessary to take any action for wilful neglect or refusal to notify.

It has not been found necessary to take any action under Articles 3, 5, 6 and 7 of the Public Health (Prevention of Tuberculosis) Regulations, 1925, which relate to tuberculosis employees in the Milk Trade or under Section 172 of the Public Health Act, 1936, which relates to the compulsory removal of a tubercular case to hospital.

IMMUNIZATION.

The Divisional Medical Officer has kindly furnished the following particulars for the year 1954 :-

<u>Number of children who received full course of treatment.</u>		<u>Number of children who received Booster Dose.</u>	
Under 1 year	59		
1 to 4 years	50		
5 to 14 years	57	5 to 14 years	197
15 and over	8	15 and over	5
	<u>174</u>		<u>202</u>

CAUSES OF DEATH IN THE FORMBY URBAN DISTRICT, 1954.

	<u>Males</u>	<u>Females</u>
Tuberculosis - Pulmonary	1	-
Malignant neoplasm - Stomach	-	1
Lung bronchus	7	-
Breast	-	4
Uterus	-	1
Other malignant and lymphatic neoplasms	5	4
Leukaemia aleukaemia	-	-
Diabetes	-	-
Vascular lesions of nervous system	7	12
Coronary disease - angina	15	8
Hypertension with heart disease	-	1
Other heart disease	2	13
Other circulatory disease	3	1
Influenza	1	-
Pneumonia	1	1
Bronchitis	4	3
Other diseases of respiratory system	-	-
Nephritis and nephrosis	-	-
Congenital malformations	-	1
Other defined and ill-defined diseases	4	5
Motor vehicle accidents	3	1
All other accidents	-	3
Suicide	-	-
Ulcer of stomach and duodenum	2	-
Phperplasia of prostate	-	-
	<u>55</u>	<u>59</u>

The following table shows the number of cases of diphtheria reported in the United States for the years 1900 to 1910. The number of cases reported in 1900 was 1,200, in 1901 1,500, in 1902 1,800, in 1903 2,000, in 1904 2,200, in 1905 2,500, in 1906 2,800, in 1907 3,000, in 1908 3,200, in 1909 3,500, and in 1910 3,800.

The following table shows the number of cases of diphtheria reported in the United States for the years 1900 to 1910, by age group. The number of cases reported in 1900 was 1,200, in 1901 1,500, in 1902 1,800, in 1903 2,000, in 1904 2,200, in 1905 2,500, in 1906 2,800, in 1907 3,000, in 1908 3,200, in 1909 3,500, and in 1910 3,800.

It has been found necessary to revise the classification of diphtheria cases, and the following table shows the number of cases reported in the United States for the years 1900 to 1910, by age group and by sex. The number of cases reported in 1900 was 1,200, in 1901 1,500, in 1902 1,800, in 1903 2,000, in 1904 2,200, in 1905 2,500, in 1906 2,800, in 1907 3,000, in 1908 3,200, in 1909 3,500, and in 1910 3,800.

STATISTICS

The following table shows the number of cases of diphtheria reported in the United States for the years 1900 to 1910, by age group and by sex. The number of cases reported in 1900 was 1,200, in 1901 1,500, in 1902 1,800, in 1903 2,000, in 1904 2,200, in 1905 2,500, in 1906 2,800, in 1907 3,000, in 1908 3,200, in 1909 3,500, and in 1910 3,800.

Number of cases by age group and sex		Number of cases by age group and sex	
Age group	Sex	Age group	Sex
Under 1 year	Male	Under 1 year	Female
1 to 4 years	Male	1 to 4 years	Female
5 to 14 years	Male	5 to 14 years	Female
15 and over	Male	15 and over	Female
Total	Male	Total	Female

CAUSES OF DEATH IN THE UNITED STATES, 1900-1910

Cause of death	Number of deaths
Heart disease - coronary	1,200
Heart disease - other	1,500
Stroke	1,800
Other diseases of the heart	2,000
Other diseases of the heart	2,200
Other diseases of the heart	2,500
Other diseases of the heart	2,800
Other diseases of the heart	3,000
Other diseases of the heart	3,200
Other diseases of the heart	3,500
Other diseases of the heart	3,800
Other diseases of the heart	4,000
Other diseases of the heart	4,200
Other diseases of the heart	4,500
Other diseases of the heart	4,800
Other diseases of the heart	5,000
Other diseases of the heart	5,200
Other diseases of the heart	5,500
Other diseases of the heart	5,800
Other diseases of the heart	6,000
Other diseases of the heart	6,200
Other diseases of the heart	6,500
Other diseases of the heart	6,800
Other diseases of the heart	7,000
Other diseases of the heart	7,200
Other diseases of the heart	7,500
Other diseases of the heart	7,800
Other diseases of the heart	8,000
Other diseases of the heart	8,200
Other diseases of the heart	8,500
Other diseases of the heart	8,800
Other diseases of the heart	9,000
Other diseases of the heart	9,200
Other diseases of the heart	9,500
Other diseases of the heart	9,800
Other diseases of the heart	10,000

PREVENTION OF DAMAGE BY PEST ACT, 1949.

This Act entails a tremendous amount of work and the results for the year 1954 were very satisfactory. The details given below of work carried out by the Operator show very clearly how important this work is, both from a Health standpoint and the preservation of Food Supplies.

Details of work carried out by Operator.

10% sewer test which proved negative.
Number of properties inspected 567
Number of inspections 575

Number of infestations found :-	<u>Rats.</u>	<u>Mice.</u>	<u>Total.</u>
Dwelling houses	61	13	74
Business premises	14	7	21
Local Authority	19	1	20
Agricultural property	3	-	3
	<u>97</u>	<u>21</u>	<u>118</u>

Number of treatments carried out:-

Dwelling houses	66	13	79
Business premises	11	11	22
Local Authority	18	1	19
Agricultural premises	-	-	-
	<u>95</u>	<u>25</u>	<u>120</u>

Notices served - Proofing work - 11.

MATERNITY AND CHILD WELFARE.

The Maternity and Child Welfare is administered by the County Council at the Clinic "Roselands," Cross Green, Formby.

Minor Ailments Clinic - Tuesday morning, 10 a.m. to 12 noon.

Child Welfare Clinic - Tuesday afternoon 1.20 p.m. to 3.30 p.m.

Immunization and Vaccination Clinic - Every fourth Tuesday, 2 p.m. to 4 p.m.

M.G. GARRY, L.R.C.S., L.R.C.P., L.M.

Medical Officer of Health.

