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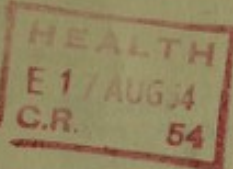
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ANNUAL REPORT FOR 1953.



Health Department,
Council Offices,
Freshfield Road,
Formby.

August, 1954.

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 1953.

The Urban District of Formby is situated on the estuary of the Mersey, North of the River Alt, and approximately mid-way 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 British 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 - 94; 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, 1940, and the Public Health (Tuberculosis) Regulations, 1930, was 102,

Health Department,
Council Offices,
Finsbury Road,
London, E.C.2.

January, 1952.

To the Chairman and Members of the
Finsbury 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 1951.

The Urban District of Finsbury is situated on the eastern
of the River, north of the River A1, and approximately mid-
way between Liverpool and Southampton. It lies on the Southern
Eastern and Northern boundaries, agricultural land throughout
its entire length. The greater portion of the Eastern
boundary is formed by the River A1, which empties into
the River A1, and this river takes practically the whole of
the eastern water drainage of the District. The District is
rather scattered, and the chief development is on the Eastern
side of the British Railway, which runs through the centre of
the District from North to South. The development of the
District is thus and the result is a fairly good.

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, along with other
spaces, have been situated in open spaces in the Council's Town
Planning Scheme.

On the open space known as No. 1 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 a large set aside for football and
other sports. This open space is close to Finsbury Station and its
boundaries are: On the North - Duke Street, on the West -
High Street, on the South - Finsbury Lane, and on the East -
High Street. The 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 the year
will be greatly relieved by the Council's proposed housing
scheme. The total number of Council houses is now 1,501;
apartments - 28; non-parsonage type - 25; old persons
pensions - 1, and 12 beds on the Woodville R.A.F. site have
been converted into 10 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 drains, and
a great many have been, and more will be, situated in the
sewers are extended.

The total number of cases notified under the provisions of
Article 2 of the Public Health (Infectious Diseases Regula-
tions) 1927, 1937, 1947, and 1951, and the Public Health (Infectious Diseases) Regulations, 1951, are as follows:

an increase of 15 on the year 1952. The average for the past five years is 190, and a rate for the year of 10.09 per thousand of population.

During the year, 145 births were registered, male 81, female 65. This is an increase of 14 on the year 1952, and a crude birth rate of 14.4 per thousand of the population.

The number of deaths registered during the year numbered 108 (50 males, 58 females). This is a decrease of eight on the year 1952, and a crude death rate of 10.7 per thousand of the population. The birth rate exceeds the death rate by 3.7 per thousand of the population. The average age at death (infants under twelve months excluded): Male, 64.6; female 76.2.

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 1953.

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) - 10,100.

Live Births.

		<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Legitimate..		78	62	140
Illegitimate		<u>3</u>	<u>2</u>	<u>5</u>
		<u>81</u>	<u>64</u>	<u>145</u>

Still Births.

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

Deaths.

<u>50</u>	<u>58</u>	<u>108</u>
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Deaths of Infants under one year of Age.

Legitimate..		1	2	3
Illegitimate		<u>-</u>	<u>1</u>	<u>1</u>
		<u>1</u>	<u>3</u>	<u>4</u>

Deaths of Infants under four weeks of age.

Legitimate..		1	2	3
Illegitimate		<u>-</u>	<u>1</u>	<u>1</u>
		<u>1</u>	<u>3</u>	<u>4</u>

an increase of 15 on the year 1922. The average for the past five years is 190, and a rate for the year of 10.09 per thousand of population.

During the year, 125 births were registered, male 61, female 64. This is an increase of 11 on the year 1922, and a birth rate of 14.4 per thousand of the population.

The number of deaths registered during the year numbered 108 (56 male, 52 female). This is a decrease of 10 on the year 1922, and a crude death rate of 10.7 per thousand of the population. The birth rate exceeds the death rate by 3.7 per thousand of the population. The average age at death (infants under twelve months excluded): Male, 64.6; female 76.5.

I am, ladies and gentlemen,
Your obedient servant,
M. A. GANNETT.

URBAN DISTRICT OF TORONTO.

The Annual Report of the Medical Officer of Health for the year 1923.

Statistics and Social Conditions of the Area.

Area in acres: 1.11. North: 7,375. E.W. North: 2,615.

Population: Preliminary census 1921 - 10,429.

Registrar-General's estimate of population (middle 1922) - 10,100.

Live Births.

Total.	Female.	Male.
120	62	58
120	62	58

Still Births.

Total.	Female.	Male.
111	57	54

Deaths.

Total.	Female.	Male.
108	52	56

Deaths of Infants under five years of age.

Total.	Female.	Male.
1	1	0

Deaths of Infants under four weeks of age.

Total.	Female.	Male.
1	1	0

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, 1.12. Deaths, 0.92. Therefore, the adjusted rates would be: Births, 16.1; Deaths 9.8.

Mortality Rates per 1,000 Estimated Population.

Total (all forms).

Crude Rate..	..	..	..	..	..	..	..	..	10.7
Adjusted Rate ..	..	..	..	..	..	..	..	..	9.8
Respiratory Tuberculosis ..	..	..	..	..	..	..	..	..	0.20
Malignant Neoplasms, etc. ..	..	..	..	..	..	..	..	..	1.19

Live Birth Rates per 1,000 Estimated Population.

Crude Rate..	..	..	..	..	..	..	..	..	14.4
Adjusted Rate ..	..	..	..	..	..	..	..	..	16.1

Stillbirth rate per 1,000 <u>total</u> births..	..	Nil.
Maternal mortality rate per 1,000 <u>total</u> births.	Nil.	
Infant mortality rate per 1,000 <u>live</u> births.	28.	
Neo-natal mortality rate per 1,000 <u>live</u> births.	28.	

For comparative purposes, the crude birth rate should be weighted by the comparative factor 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 weighted with the own factor for the purpose.

The comparative factor applied by the Registrar General for the Bombay District for live births, 1921, is 0.92. Therefore, the adjusted rates would be: Births, 1921: Deaths 9.5.

Mortality Rates per 1,000 Estimated Population

Total (all towns)				
Crude Rate	10.7	..	..	..
Adjusted Rate	9.5	..	..	..
Respiratory tuberculosis	0.20	..	..	..
Religious tuberculosis	1.12	..	..	..

Live Birth Rates per 1,000 Estimated Population

Crude Rate	10.8	..	..	..
Adjusted Rate	10.7	..	..	..
Births with per 1,000 total births	11.1	..	..	..
Infant mortality rate per 1,000 total births	11.1	..	..	..
Infant mortality rate per 1,000 live births	22	..	..	..
Neonatal mortality rate per 1,000 live births	22	..	..	..

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 District Nursing Association. 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, 1953, is three.

Public Assistance Institutions.

There are no Public Assistance Institutions in the District. The District of Formby is in the area provided for by the Lancashire County Council Public Assistance Institution and Infirmary, Ormskirk.

Nursing Homes.

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

- "Bemerside," Victoria Road, Formby.
- "Beaconholm," Freshfield Road, Formby.

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 standpipe.			
No. of dwelling houses.	No. of population.	No. of houses.	No. of population.	No. of dwelling houses.	No. of population.
3,050.	10,028.	5	16	18	56

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

The City Laboratories, Room 11, Liverpool.

National Assistance Act, 1920 and 1921, Section 17.

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 Liverpool and District Water Board. The sources of supply are from pumping stations with deep wells, sandpits and reservoirs such as the new red sandstone formation. There are three covered reservoirs which have a combined capacity of six million gallons. They are situated at Green Hill, Leamington.

The supply is constant and there is little possibility of contamination, and no change 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, it is no loss of any physico-chemical action.

On the outskirts of the District eleven houses receive their water from shallow wells, and two houses, owned by the British Railways, have their water supply brought twice a week from the main supply.

Five samples from the main and two samples from wells were submitted for bacteriological examination and chemical analysis.

Supply to Houses.

From Public Mains.		By means of standpipes.		From private supplies.	
No. of dwelling houses.	No. of population.	No. of dwelling houses.	No. of population.	No. of dwelling houses.	No. of population.
2,000.	10,000.	2.	10.	10.	50.

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

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

CHEMICAL RESULTS IN PARTS PER MILLION.

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 Non-carbonate (Permanent) 80	
Nitrate Nitrogen.	0.0	Nitrite Nitrogen.	Absent.
Free ammonia.	0.000	Oxygen absorbed in 4 hrs. at 27°C	0.30
Albiminoid Ammonia.	0.000	Residual Chlorine.	Absent.
Metals:			
Iron.	0.06		
Manganese.	0.03		
Other metals	absent.		

	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.

- 6 -

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 four 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 thirty nine new houses have been drained to the sewers and six 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	..	..	..	292.
Number of fresh water closets..	..	..	..	3,070.
Number of waste water closets..	..	..	..	Nil.
Number of dry ashpits (excluding middens) ..	..	..	..	74.
Number of moveable ashbins for refuse..	..	..	..	3,085.
Number of houses on water carriage system..	..	..	..	2,770.

<u>Conversions:</u>	<u>During year</u> <u>1953.</u>	<u>During five years</u> <u>1949 - 1953.</u>
Number of privy closets:		
To fresh W.C's.	Nil.	Nil.
To waste W.C's.	Nil.	Nil.
To pails, etc.	1.	7.
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.	16.

Public Cleansing.

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

Public Cleansing (Contd).

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.

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: Inspect- ions.	Written Notices.	Occupiers Prosecuted.
(i) Factories in which Sections 1, 2, 3, 4 and 6 are enforced by the Local Authority.	25	33	1	-
(ii) Factories not included in (i) in which Sec. 7 is enforced by Local Authority.	9	11	-	-
(iii) Other premises in which Sec. 7. is enforced by Local Authority (excluding out-worker's premises).	5	7	2	-
Total:	39	51	3	-

Geographic area covered by the survey on conditions of
 properties with respect to all matters relating to the
 at least one person. All matters relating to the
 covered in the survey were included in the County's
 which is situated in Adams County, adjacent to the State
 the contents of all records are covered in a separate
 card, each given, and disposed of in the public record.

Alcohol

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

Spices and Food

The general condition of shops within the district is
 satisfactory. Action taken in one instance for the sale of
 inferior goods.

A number of inspections were made in respect of the
 condition of shops during and the reports rendered to the
 County Council.

Inspection and

Inspection of shops during the year and the general
 condition of the district.

Inspection of shops during the year and the general
 condition of the district.

Geographic Area	Number of Inspected Properties	Number of Properties Inspected	Number of Properties Inspected
(1) Adams County	1	1	1
(2) Adams County	1	1	1
(3) Adams County	1	1	1
(4) Adams County	1	1	1
(5) Adams County	1	1	1
(6) Adams County	1	1	1
(7) Adams County	1	1	1
(8) Adams County	1	1	1
(9) Adams County	1	1	1
(10) Adams County	1	1	1
(11) Adams County	1	1	1
(12) Adams County	1	1	1
(13) Adams County	1	1	1
(14) Adams County	1	1	1
(15) Adams County	1	1	1
(16) Adams County	1	1	1
(17) Adams County	1	1	1
(18) Adams County	1	1	1
(19) Adams County	1	1	1
(20) Adams County	1	1	1
(21) Adams County	1	1	1
(22) Adams County	1	1	1
(23) Adams County	1	1	1
(24) Adams County	1	1	1
(25) Adams County	1	1	1
(26) Adams County	1	1	1
(27) Adams County	1	1	1
(28) Adams County	1	1	1
(29) Adams County	1	1	1
(30) Adams County	1	1	1
(31) Adams County	1	1	1
(32) Adams County	1	1	1
(33) Adams County	1	1	1
(34) Adams County	1	1	1
(35) Adams County	1	1	1
(36) Adams County	1	1	1
(37) Adams County	1	1	1
(38) Adams County	1	1	1
(39) Adams County	1	1	1
(40) Adams County	1	1	1
(41) Adams County	1	1	1
(42) Adams County	1	1	1
(43) Adams County	1	1	1
(44) Adams County	1	1	1
(45) Adams County	1	1	1
(46) Adams County	1	1	1
(47) Adams County	1	1	1
(48) Adams County	1	1	1
(49) Adams County	1	1	1
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(51) Adams County	1	1	1
(52) Adams County	1	1	1
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(86) Adams County	1	1	1
(87) Adams County	1	1	1
(88) Adams County	1	1	1
(89) Adams County	1	1	1
(90) Adams County	1	1	1
(91) Adams County	1	1	1
(92) Adams County	1	1	1
(93) Adams County	1	1	1
(94) Adams County	1	1	1
(95) Adams County	1	1	1
(96) Adams County	1	1	1
(97) Adams County	1	1	1
(98) Adams County	1	1	1
(99) Adams County	1	1	1
(100) Adams County	1	1	1
Total	100	100	100

Factories Act, 1937 (Contd).

2. Cases in which defects were found:-

	Number of cases in which defects were found.				No. of cases in which prosecutions were instituted.
	Found.	Rem- edied.	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.	2	2	-	1	-
(c) Not separate for sexes.	-	-	-	-	-
Other offences (not including offences relating to Outwork).	-	-	-	-	-
Total:	3	3	-	1	-

Camping Sites.

Two sites were licensed for the period 1st April, 1953, to 30th September, 1953, 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.

Sanitary Inspections.

Number of premises visited	281.
Defects or nuisances: Number discovered.	61.
Number abated.	57.
Notices served: Informal..	61.
Statutory.	7.

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. Nineteen observations were taken during the year and it was found necessary to take action in one instance.

2. Cases in which lesions were found:-

No. of cases in which lesions were found	Lesions found in				Total
	Brain	Heart	Lungs	Other organs	
1	1	1	1	1	4
2	2	2	2	2	8
3	3	3	3	3	12
4	4	4	4	4	16
5	5	5	5	5	20
6	6	6	6	6	24
7	7	7	7	7	28
8	8	8	8	8	32
9	9	9	9	9	36
10	10	10	10	10	40
11	11	11	11	11	44
12	12	12	12	12	48
13	13	13	13	13	52
14	14	14	14	14	56
15	15	15	15	15	60
16	16	16	16	16	64
17	17	17	17	17	68
18	18	18	18	18	72
19	19	19	19	19	76
20	20	20	20	20	80
21	21	21	21	21	84
22	22	22	22	22	88
23	23	23	23	23	92
24	24	24	24	24	96
25	25	25	25	25	100
26	26	26	26	26	104
27	27	27	27	27	108
28	28	28	28	28	112
29	29	29	29	29	116
30	30	30	30	30	120
31	31	31	31	31	124
32	32	32	32	32	128
33	33	33	33	33	132
34	34	34	34	34	136
35	35	35	35	35	140
36	36	36	36	36	144
37	37	37	37	37	148
38	38	38	38	38	152
39	39	39	39	39	156
40	40	40	40	40	160
41	41	41	41	41	164
42	42	42	42	42	168
43	43	43	43	43	172
44	44	44	44	44	176
45	45	45	45	45	180
46	46	46	46	46	184
47	47	47	47	47	188
48	48	48	48	48	192
49	49	49	49	49	196
50	50	50	50	50	200
51	51	51	51	51	204
52	52	52	52	52	208
53	53	53	53	53	212
54	54	54	54	54	216
55	55	55	55	55	220
56	56	56	56	56	224
57	57	57	57	57	228
58	58	58	58	58	232
59	59	59	59	59	236
60	60	60	60	60	240
61	61	61	61	61	244
62	62	62	62	62	248
63	63	63	63	63	252
64	64	64	64	64	256
65	65	65	65	65	260
66	66	66	66	66	264
67	67	67	67	67	268
68	68	68	68	68	272
69	69	69	69	69	276
70	70	70	70	70	280
71	71	71	71	71	284
72	72	72	72	72	288
73	73	73	73	73	292
74	74	74	74	74	296
75	75	75	75	75	300
76	76	76	76	76	304
77	77	77	77	77	308
78	78	78	78	78	312
79	79	79	79	79	316
80	80	80	80	80	320
81	81	81	81	81	324
82	82	82	82	82	328
83	83	83	83	83	332
84	84	84	84	84	336
85	85	85	85	85	340
86	86	86	86	86	344
87	87	87	87	87	348
88	88	88	88	88	352
89	89	89	89	89	356
90	90	90	90	90	360
91	91	91	91	91	364
92	92	92	92	92	368
93	93	93	93	93	372
94	94	94	94	94	376
95	95	95	95	95	380
96	96	96	96	96	384
97	97	97	97	97	388
98	98	98	98	98	392
99	99	99	99	99	396
100	100	100	100	100	400

Summary of Findings

The above summary is based on the findings of the 100 cases examined. The findings are as follows: 1. The majority of cases (80%) showed lesions in the brain. 2. The majority of cases (70%) showed lesions in the heart. 3. The majority of cases (60%) showed lesions in the lungs. 4. The majority of cases (50%) showed lesions in other organs.

Summary of Findings

Summary of Findings: 1. The majority of cases (80%) showed lesions in the brain. 2. The majority of cases (70%) showed lesions in the heart. 3. The majority of cases (60%) showed lesions in the lungs. 4. The majority of cases (50%) showed lesions in other organs.

Summary of Findings

There was no lesion found in the brain. The findings are as follows: 1. The majority of cases (80%) showed lesions in the heart. 2. The majority of cases (70%) showed lesions in the lungs. 3. The majority of cases (60%) showed lesions in other organs.

HOUSING.

The Council have now erected under the Housing Acts, 190 houses, four in Brows Lane, sixteen in Watchyard Lane, fourteen in Whitehouse Lane, twenty in Whitehouse Avenue, thirty two in New Road, fifty in Alderson Crescent, twenty two in Andrews Lane and Queens Road, twelve in Lonsdale Road, 4 in Duke Street and fourteen in Kings Close. 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, 1953, according to the Rate Book, the number of houses in the District was houses, flats and huts: 3,054, Service married quarters: 19, total - 3073.

Number of new houses erected during the year:-

	<u>Houses.</u>	<u>Flats.</u>
(a) By Local Authority.. .. .	26	-
(b) By other Local Authorities.	-	-
(c) By other bodies or persons..	59	9
Total:-	<u>85</u>	<u>9</u>

5 houses in Cheapside are under construction and schemes are now being prepared for 18 houses in Foster Road.

1. Inspections.

- | | | | |
|-----|-----|---|-----|
| (1) | (a) | Total number of dwelling-houses inspected for housing defects (under the Public Health or Housing Acts) .. | 38. |
| | (b) | Number of inspections made for the purpose. | 41 |
| (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 | 3 |
| | (b) | Number of inspections made for the purpose. | 3 |
| (3) | | Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.. .. | 1 |
| (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.. .. | 26 |

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.. . . . | 10 |
|-----|---|----|

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. | 2 |

The Council have now erected under the Housing Act, 1930, houses, 100 in Grove Lane, sixteen in Walsby Lane, four in Walsby Lane, twenty in Walsby Avenue, thirty in New Road, fifty in Alderson Crescent, twenty two in Andrews Lane and Queens Road, twelve in Lonsdale Road, in Duke Street and fourteen in Kings Close. Also thirty five units 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, 1935, according to the last book, the number of houses in the District was houses, flats and flats: 3,024, services married quarters: 12, total - 3012.

Number of new houses erected during the year:-

Houses.	Flats.
25	-
25	-
50	5
75	5
Total:-	

5 houses in the District are under construction and schemes are now being prepared for 18 houses in Foster Road.

Investigations.

(1)	(a)	Total number of dwelling-houses investigated for housing defects (under the Public Health or Housing Acts)	38.
(2)	(a)	Number of inspections made for the purpose	14
(2)	(a)	Number of dwelling-houses (included under and under (1) above) which were inspected and reported under the Housing Investigation Regulations, 1932 and 1933	3
(2)	(a)	Number of inspections made for the purpose	3
(3)		Number of dwelling-houses found to be in a state so dangerous as to require to be pulled down	1
(4)	(a)	Number of dwelling-houses (exclusive of those referred to under the preceding and head) found not to be in all respects reasonably fit for human habitation	25

Number of defects during the year without remedy of

(1)	Number of defective dwelling-houses reported to the Local Authority or other officer	10
-----	--	----

Action under Statutory Powers during the year.

(1)	Proceedings under Sections 2, 10 and 16 of the Housing Act, 1930	
(2)	Number of dwelling-houses in respect of which notices were served requiring repairs	2

3. Action under Statutory Powers during the year (Contd).

(b) Number of dwelling-houses which were rendered fit after service of formal notices:-

(i)	By owners.. .. .	2
(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.. .. .	12
(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.

(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.. .. .	20.
	(b)	Number of families dwelling therein..	29.
	(c)	Number of persons dwelling therein ..	116.

(2) Number of new cases of overcrowding reported during the year.. .. . 3.

(3) (a) Number of cases of overcrowding relieved during the year.. .. . 12.

(b) Number of persons concerned in such cases 51

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, living with relatives.

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

(b) Number of dwelling-houses which were repaired after service of formal notices:-	
(i) By owners	2
(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	12
(ii) By Local Authority in default of Owners	Nil.

(3) Proceedings under Sections 11 and 12 of the Housing Act, 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.
(4) Proceedings under Section 13 of the Housing Act, 1936:-	
(a) Number of separate tenements or under-ground rooms of which Closing Orders were made	Nil.
(b) Number of separate tenements or under-ground rooms in respect of which Closing Orders were obtained, the tenements or rooms having been rendered unfit	Nil.

<u>Housing Act, 1936 - Part IV - Overcrowding.</u>	
(1) (a) Number of dwellings overcrowded at end of year	20
(b) Number of families dwelling therein	29
(c) Number of persons dwelling therein	116
(2) Number of new cases of overcrowding reported during the year	3
(3) (a) Number of cases of overcrowding relieved during the year	12
(b) Number of persons benefited in such cases	51

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

A good many of these people who evicted themselves cannot return due to the shortage of houses in their own districts 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. |

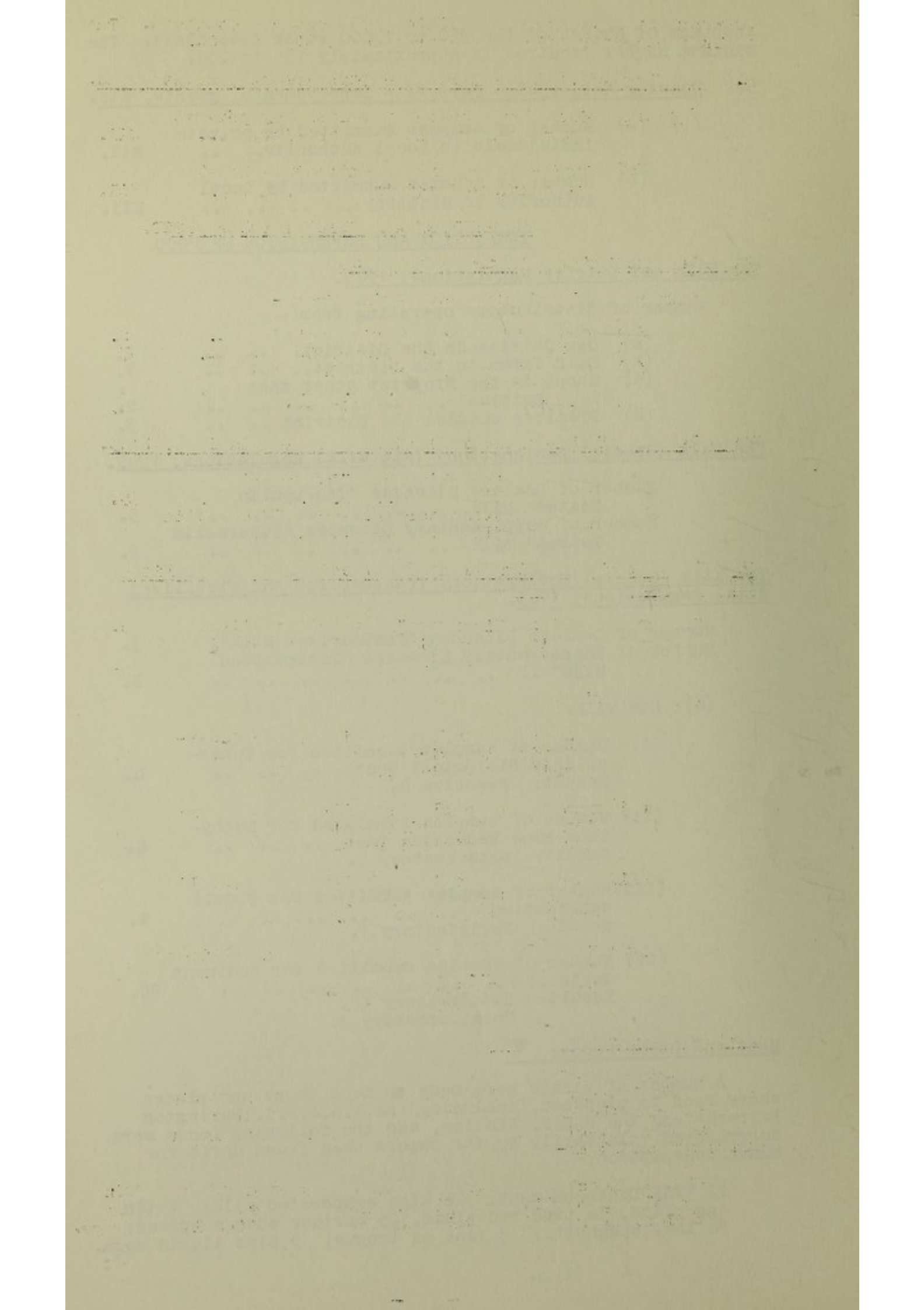
(a) Raw Milk.

- | | | |
|-------|---|-----|
| (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 | 20. |
| | Result: Satisfactory 18. | |
| | Unsatisfactory 2. | |

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:-

12 tins Luncheon meat; 28 tins evaporated milk; 1 tin egg plums, 36 tins red plums, 25 cartons cheese spread; 94 lbs. spaghetti; 3 tins ox tongue; 3 tins liquid eggs.



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 1953.

	Grocers shops	20
	Green grocers shops.. .. .	8
	Butchers shops.. .. .	8
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 31.12.53.	No. of inspections during 1953.
Manufacture of Ice Cream.. .. .	1	2
Storage and sale of ice cream. ..	20	22
Manufacture of sausage at Butchers shops	6	6
Manufacture of sausage and cooked meats at Butchers shops	1	2
Shrimp boiling	2	2

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 Disease.

During the year, 89 cases of infectious disease (other than tuberculosis) were notified, and two of these were removed to hospital. This is an increase of 11 on the year 1952, and a rate per thousand of the population of 8.61. All contacts were kept under observation and no scarlet fever "return" cases were discovered.

Disinfection.

During the year, 44 houses and 1 school were disinfected,

made for the purpose of the
presented for the purpose of the

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Disinfection (Contd).

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:- 713. Articles destroyed by request: 3.

Disinfestation.

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



CASES OF INFECTIOUS DISEASE (OTHER THAN TUBERCULOSIS)
NOTIFIED DURING THE YEAR 1953.

	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.	11	-	1	2	4	4	-	-	-	-	-	1	-
Measles.	43	-	5	8	22	4	2	1	1	-	-	-	-
Whooping cough.	34	1	3	12	18	-	-	-	-	-	-	-	-
Pneumonia.	1	-	-	-	-	-	-	-	-	1	-	1	-
	89	1	9	22	44	8	2	1	1	1	-	2	-

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING THE YEAR, 1953.

Age Periods.	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0 -	-	-	-	-	-	-	-	-
1 -	-	-	-	-	-	-	-	-
2 -	-	1	-	-	-	-	-	-
5 -	-	-	-	1	-	-	-	-
10 -	-	-	-	-	-	-	-	-
15 -	-	-	-	-	-	-	-	-
20 -	1	1	1	-	-	-	-	-
25 -	1	3	-	-	-	-	-	-
35 -	1	1	-	-	-	-	-	-
45 -	-	-	-	-	-	1	-	-
55 -	1	-	-	-	1	-	-	-
65 -	1	-	-	-	-	-	-	-
75 and upwards.	-	-	-	-	-	-	-	-
	5	6	1	1	1	1	-	-
	11		2		2		-	

The total number of cases notified was 11 (pulmonary) and 2 (non-pulmonary). The average for the past five years, Pulmonary and Non-pulmonary is 13, and the rate per 1,000 of the population for the year is 1.28. On the 31st December, 1953, the total cases remaining on the Register numbered 57, pulmonary 42 non-pulmonary 15.

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 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 1953:-

<u>Number of children</u> <u>full course of treatment.</u>		<u>Number of children who</u> <u>received Booster Dose.</u>	
Under 1 year	62	Under 5 years	6
1 to 4 years	34	5 to 14 years	286
5 to 14 years	82	15 and over	2
15 and over	-		<u>294</u>
	<u>178</u>		

CAUSES OF DEATH IN THE FORMBY URBAN DISTRICT, 1953.

	<u>Males.</u>	<u>Females.</u>
Tuberculosis - pulmonary.. .. .	1	1
Malignant neoplasm - Stomach.	1	-
Lung bronchus	2	3
Breast.. . . .	-	1
Uterus.. . . .	-	1
Other malignant and lymphatic neoplasms	-	4
Leukaemia aleukaemia.. . . .	-	-
Diabetes.. . . .	-	-
Vascular lesions of nervous system	6	16
Coronary disease - angina.	11	6
Hypertension with heart disease	1	4
Other heart disease	9	5
Other circulatory disease.	-	4
Pneumonia	2	-
Bronchitis	7	4
Other diseases of respiratory system.. . . .	-	-
Nephritis and nephrosis	1	-
Congenital malformations.. . . .	1	-
Other defined and ill-defined diseases	1	6
Motor vehicle accidents	-	-
All other accidents	4	3
Suicide	1	-
Ulcer of stomach and duodenum.	1	-
Phperplasia of prostate	1	-
	<u>50</u>	<u>58</u>

1870

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PREVENTION OF DAMAGE BY PEST ACT, 1949.

This Act entails a tremendous amount of work and the results for the year 1953 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.. .. 715.

Number of inspections 762.

Number of infestations found:-	<u>Rats.</u>	<u>Mice.</u>	<u>Total.</u>
Dwelling houses	79	3	82
Business premises.	16	9	25
Local Authority	3	1	4
Agricultural property. ..	-	-	-
	<u>88</u>	<u>13</u>	<u>111</u>

Number of treatments carried out:	<u>Rats.</u>	<u>Mice.</u>	<u>Total.</u>
Dwelling houses	65	4	69
Business premises.	18	10	28
Local Authority	6	1	7
Agricultural premises. ..	-	-	-
	<u>89</u>	<u>15</u>	<u>104</u>

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.
Ante-Natal Clinic	-	Alternate Thursdays, 2 p.m. to 4 p.m.
Immunization and Vaccination Clinic.	-	Every fourth Thursday, 2 p.m. to 4 p.m.

M.G. GARRY, L.P.C.S., L.R.C.P., L.M.
Medical Officer of Health.

Journal of the

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