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Contributors

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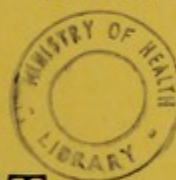


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BOROUGH OF LEIGH



REPORT

of the

Medical Officer of Health

and the

Senior Public Health Inspector

for the Year

1959



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HEALTH COMMITTEE

Chairman:

Alderman T. HOURIGAN, J.P., C.A.,

Deputy Chairman:

Councillor F. GIBSON.

His Worship the Mayor Councillor JAMES SUMNER, J.P.,

Alderman T. Battersby, M.B.E., J.P.

" C.H. Bratt, J.P.

" W. Collier, J.P.

" Herbert Gough, J.P.

" E. Green, J.P.

" W. Kearney, J.P.

Councillor H. Davies

" Harry Gough, J.P.

" P. Hull

" S. Jones, J.P.

" A.E. Lyon

" J. Murray

" J. Owens

" Dr. L.G.R. Roberts

" T. Sale

S T A F F

Medical Officer of Health:

ELLIS TAYLOR, M.B., Ch.B., D.P.H.

Senior Public Health Inspector:

HARRY CLUSKY

Inspector of Canal Boats: Rodent Officer

District Public Health Inspectors:

Arthur L. Hope
Thomas Sutton
George G. Copley (Resigned 28.2.59)
David H. Barnes

Clerical Staff:

Senior Clerk: Eric H. Haslam
Clerk/Typist: Miss Lois Gibson
" " Miss Ida Baker

General Assistant:

Ronald Marsh (Resigned 19.9.59)

Disinfector/Mortuary Attendants:

Samuel Lowe (Resigned 23.1.59)
John Kelly (Appointed 25.1.59)
William Lowton (Appointed 23.11.59)

Rodent Control:

John Statham

T A B L E O F C O N T E N T S

INTRODUCTION

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SECTION A.

STATISTICAL AND SOCIAL
CONDITIONS OF THE AREA.

Public Health Department,

Town Hall,

LEIGH.

Tel. Leigh 1667.

To the Chairman and Members of the Health Committee.

I have the honour to present for your information and consideration the Annual Report on the health of the Borough of Leigh for the year 1959.

The health of the Borough has, on the whole, again remained satisfactory through the year. The population continued its downward trend which has been evident since 1950, the mid-year estimate being 47,300. The birth rate was 15.9 per thousand, and the infant mortality rate at 17.1 remains considerably below the national figure (22.0). The death rate increased to 16.4 per thousand.

In common with other neighbouring centres of population, sonnei dysentery became almost endemic, the smoulderings bursting out in various parts of the town. Many cases must have occurred without knowledge of the department.

It is now ten years since the last case of diphtheria was notified, a wonderful result of the immunisation drive of succeeding years.

The Corporation's Slum Clearance programme continued steadily in accordance with the five year scheme.

Much thought has been given to the implementation of the Clean Air Act by the introduction of Smoke Control Areas and only staffing difficulties prevented the start of a preliminary survey.

I welcome this opportunity of expressing thanks to you Mr. Chairman and all Members of the Health Committee for their continued interest in the Department, and to the Members of the staff and my colleagues in the Town Hall for their ever-ready help and co-operation.

Yours sincerely,

E. TAYLOR

V I T A L S T A T I S T I C S.

The following is a summary of the principal statistics for the year 1959:-

Population	47,300
Number of Deaths (corrected)	624
Death Rate (per 1,000 population)	16.4
Number of Deaths from Pulmonary Tuberculosis	6
Death Rate per 1,000 population from Pulmonary Tuberculosis	0.13
Number of Deaths from all forms of Tuberculosis	6
Death Rate per 1,000 population from all forms of Tuberculosis	0.13
Number of Live Births registered (corrected)	759
Live Birth Rate (per 1,000 population)	15.9
Number of Stillbirths (corrected)	20
Stillbirth rate per 1,000 total (live and still) births	25.7
Number of Total Births (live and still births)	779
Number of Infant Deaths	13
Infant Mortality rate per 1,000 live births	17.1
" " " " 1,000 legitimate births	17.7
" " " " 1,000 illegitimate births	41.7
Neo-natal Mortality rate (first four weeks) per 1,000 related live births	10.5
Percentage of illegitimate live births	3.16
Maternal Deaths (excluding abortion)	Nil
Maternal Mortality rate (including abortion) per 1,000 total births	Nil

LOCAL CONDITIONS AND STATISTICS.

Leigh is an Industrial South-East Lancashire Town. The highest and lowest ordnance datum being 146 feet and 53 feet respectively.

The principal industries are coal mining, cotton spinning and weaving, electric cable manufacture, rope making, rayon weaving, sheet metal working, agricultural and general engineering, with some farming on mossland on the southerly boundary of the Borough.

Area in acres	6,359
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Population (Census 1951)	48,728
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Estimated population (Mid-year Estimate 1959)	47,300
---	--------

Number of Inhabited houses, end of 1959, according to rate books	14,886
--	--------

Rateable Value	£534,421
----------------	----------

Sum represented by Penny Rate	£2,119
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TABLE SHOWING CLASSIFICATIONS OF CAUSES
OF DEATHS FOR THE YEAR 1959.

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Tuberculosis	6	-	6
Syphilitic Disease	1	-	1
Other infective and Parasitic Diseases	2	1	3
Malignant Neoplasms - Stomach	9	8	17
" " - Lung, Bronchus	8	5	13
" " - Breast	-	3	3
" " - Uterus	-	6	6
" " - Others	25	28	53
Leukaemia, aleukaemia	1	-	1
Diabetes	1	4	5
Vascular Lesions of the Nervous System	38	67	105
Coronary Disease, Angina	62	45	107
Hypertension with Heart Disease	12	7	19
Other Heart Disease	33	30	63
Other Circulatory Diseases	15	12	27
Influenza	5	3	8
Pneumonia	7	7	14
Bronchitis	16	24	40
Other diseases of respiratory system	9	-	9
Ulcer of Stomach and Duodenum	2	-	2
Gastritis, Enteritis and Diarrhoea	2	-	2
Nephritis and Nephrosis	6	6	12
Hyperplasia of Prostate	7	-	7
Congenital malformations	5	1	6
Other defined and ill-defined diseases	23	42	65
Motor Vehicle Accidents	2	-	2
All other Accidents	12	9	21
Suicide	5	1	6
Homicide	1	-	1
	<u>315</u>	<u>309</u>	<u>624</u>

STATISTICS FOR 1958, 1959 AND THE PERIOD 1954 - 1958.

BOROUGH OF LEIGH	Per 1,000 Estimated Population				Mortality Rate	
	Live Birth Rate	Crude Death Rate	Death Rate from Pulmonary Tuberculosis	Maternal Rate per 1,000 Total Births	Infants Rate per 1,000 Live Births	
Mean of 5 years (1954 to 1958)	15.3	12.1	0.12	1.13	29.8	
Year 1950	16.2	11.3	0.15	1.26	16.9	
Year 1959	16.0	13.2	0.13	Nil	17.1	
Increase or decrease in 1959 on 5 years average (1954 - 1958)	+ 0.7	+ 1.1	+ 0.01	- 1.13	- 12.7	
Increase or decrease in 1959 on 1958	- 0.2	+ 1.9	- 0.02	- 1.26	+ 0.2	

BIRTH RATE.

The total number of registered live births assignable to the Borough of Leigh for the year 1959 was 759 compared with 769 the previous year. The corresponding Birth Rate for the two years respectively are 16.0 and 16.1 per 1,000 estimated population.

The crude death rate is 13.2 per 1,000 of the estimated resident population, but when this is corrected and adjusted by making allowances for the age and sex distribution of the population it becomes comparable with the death rate of the country as a whole, or with the death rate of any other area. This standardised death rate, as it is then termed, is 16.4 per 1,000 estimated population for the Borough of Leigh.

The following table gives the Birth Rate for Leigh and England and Wales during the last 25 years:-

	<u>Leigh</u>	<u>England & Wales</u>
1935	13.6	14.7
6	12.8	14.8
7	13.5	14.9
8	15.3	15.1
9	14.5	15.0
40	15.5	14.6
1	18.1	14.2
2	18.3	15.8
3	19.8	16.5
4	19.3	17.6
5	18.8	16.1
6	20.4	19.1
7	22.2	20.5
8	17.9	17.9
9	17.4	16.7
50	16.5	15.8
1	14.7	15.5
2	13.9	15.3
3	15.1	15.5
4	14.9	15.2
5	14.4	15.0
6	15.0	15.7
7	15.4	16.1
8	16.1	16.4
9	15.9	16.5

STILL BIRTH RATE.

The total number of registered still births assignable to the Borough during the year was 20 compared with 22 the previous year, giving rates for the two years of 0.42 and 0.46 respectively per 1,000 estimated population. The still birth rate for England and Wales during the period was 0.35.

**BIRTH RATES AND DEATH RATES, ANALYSIS OF MORTALITY
AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES
FOR THE YEAR 1959.**

	Rates per 1,000 Home Population	
	England & Wales	Leigh
BIRTHS:-		
Live Births	16.5	15.9
Still Births	0.35	0.42
	20.7 (a)	25.7 (a)
DEATHS:-		
All causes	11.6	16.4
Tuberculosis - (all forms)	0.085	0.13
Respiratory	0.077	0.13
Non-Respiratory	0.008	Nil
Cancer - (all forms)	2.14	1.97
Lungs & Bronchus	0.46	0.28
Other Cancer	1.68	1.69
Maternal Mortality	0.38 (a)	Nil
Infant Mortality	22.0 (b)	17.1 (b)
Neo-Natal Mortality	15.8 (b)	10.5 (b)
NOTIFICATIONS:-		
Typhoid Fever	0.003	Nil
Paratyphoid Fever	0.008	0.04
Meningococcal Infection	0.016	Nil
Scarlet Fever	1.055	0.80
Whooping Cough	0.732	0.65
Diphtheria	0.002	Nil
Erysipelas	0.071	0.08
Smallpox	0.000	Nil
Measles	11.880	1.90
Pneumonia	0.590	0.06
Acute Poliomyelitis - Paralytic	0.016	0.14
Non-Paralytic	0.006	0.02
Acute Encephalitis - Infective	0.003	Nil
Post Infective	0.003	Nil
Dysentery	0.784	2.39
Food Poisoning	0.220	Nil
Puerperal Pyrexia	0.236	Nil
Tuberculosis - Respiratory	0.540	0.42
Meninges & C.N.S.	0.005	Nil
Other	0.058	0.042

(a) Per 1,000 Total Live & Still Births

(b) Per 1,000 Total Live Births

INCIDENCE AND MORTALITY OF TUBERCULOSIS 1959.

AGE PERIODS	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1	-	-	-	-	-	-	-	-
1 - 4 years	-	1	1	-	-	-	-	-
5 - 9 "	1	-	-	-	-	-	-	-
10 - 14 "	-	-	-	-	-	-	-	-
15 - 19 "	-	1	-	-	-	-	-	-
20 - 24 "	1	1	-	-	-	-	-	-
25 - 34 "	1	2	-	-	-	-	-	-
35 - 44 "	2	1	-	-	-	-	-	-
45 - 54 "	3	2	1	-	1	-	-	-
55 - 64 "	2	1	-	-	1	-	-	-
65 and upwards	1	-	-	-	4	-	-	-
TOTALS	11	9	2	2	6	6	-	-

INCIDENCE AND MORTALITY OF TUBERCULOSIS, 1942 - 1959.

	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
Notified Cases:-																		
(a) Pulmonary	33	34	31	32	21	24	42	27	27	35	26	28	18	19	24	24	28	20
(b) Non-Pulmonary	9	13	14	9	9	6	12	6	14	14	4	3	5	1	3	3	3	2
Deaths:-																		
(a) Pulmonary	26	13	14	15	11	18	17	17	14	9	8	7	11	5	5	2	7	6
(b) Non-Pulmonary	6	5	4	4	5	1	3	1	-	5	2	1	-	-	-	-	-	-

SUMMARY OF THE INCIDENCE OF THE PRINCIPLE NOTIFIABLE DISEASES
OTHER THAN TUBERCULOSIS 1949 - 1959.

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
Scarlet Fever	167	105	177	128	32	38	33	37	20	9	38
Diphtheria	2	-	-	-	-	-	-	-	-	-	-
Measles	267	584	315	653	71	305	418	142	710	17	90
Whooping Cough	154	215	35	118	62	80	21	108	23	26	31
Pneumonia	41	33	44	29	31	15	9	3	7	5	3
Puerperal Pyrexia	1	2	2	-	-	-	-	-	-	-	-
Meningococcal Infection	3	-	-	-	3	1	3	1	-	2	-
Dysentery	1	2	25	1	3	11	31	6	1	23	113
Erysipelas	18	13	11	3	3	3	5	1	1	2	4
Acute Pollomyelitis	2	4	4	2	-	-	1	1	2	1	8
Food Poisoning	4	-	-	-	-	-	4	-	-	21	-
Paratyphoid Fever	-	-	7	-	-	-	-	-	1	-	2
	660	958	620	934	205	453	525	299	765	106	289

INCIDENCE OF NOTIFIABLE DISEASES (other than Tuberculosis) 1959.

DISEASE	AGE PERIODS																											
	Under 1		1-		2-		3-		4-		5-		10-		15-		20-		35-		45-		65-		Age Unknown		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Scarlet Fever	-	-	-	-	1	-	2	1	1	4	13	11	3	2	-	-	-	-	-	-	-	-	-	-	-	-	20	18
Whooping Cough	-	1	3	1	1	2	2	3	-	3	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	15
Poliomyelitis	2	-	-	2	1	1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
Measles	2	2	6	5	14	9	7	6	6	7	13	12	-	1	-	-	-	-	-	-	-	-	-	-	-	-	48	42
Dysentery	3	1	7	3	4	4	3	6	5	2	20	17	3	3	1	1	7	6	4	1	2	3	-	-	-	7	59	54
Pneumonia	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	3
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	-	-	-	-	2	2
Paratyphoid	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	2
TOTALS	7	5	16	11	21	16	14	16	12	16	56	47	7	7	1	1	7	6	5	2	3	5	-	1	-	7	149	140

SECTION B.

GENERAL PROVISIONS

OF THE

HEALTH SERVICES

IN THE

BOROUGH

GENERAL PROVISIONS OF THE HEALTH SERVICES
IN THE BOROUGH.

AMBULANCE SERVICE

Leigh Ambulance Station. Tel. Leigh 939

CARE OF CHILDREN - CHILDREN ACT, 1948

Children's Committee, Lancs. C.C. - Area No. 11

Area Children's Office,

89 - 91 Railway Road,

Leigh.

Tel. Leigh 1658

CLINICS

1. ANTE-NATAL AND POST NATAL:

Stonehouse, Leigh.

Every Wednesday & Thursday, 1.30 - 4.0 p.m.

2. RELAXATION CLASS:

Stonehouse, Leigh.

Friday, 2.0 - 4.0 p.m.

3. IMMUNISATION:

(I) At the four County Clinics in the Leigh Area
by arrangement as required.

(II) The general practitioner service.

4. POLIOMYELITIS VACCINATION:

Open Session at Stonehouse every first Friday
in the month at mid-day.

5. MATERNITY AND CHILD WELFARE:

(I)	Stonehouse	Tuesday	2.0 - 4.0 p.m.
(II)	Chapel Street Clinic	Thursday	2.0 - 4.0 p.m.
(III)	Westleigh Clinic	Wednesday	2.0 - 4.0 p.m.
(IV)	Nangreaves Street Clinic	Monday	2.0 - 4.0 p.m.

CLINICS (Continued)

5. OPHTHALMIC:

Stonehouse, St. Helens Road, Leigh.

By appointment

6. ORTHOPAEDIC:

Elliott Street Clinic, Tyldesley.

By appointment

7. ORTHOPTIC:

Stonehouse, St. Helens Road, Leigh.

Tuesday	2.00 - 4.00 p.m.
Wednesday	2.00 - 4.00 p.m.
Thursday	9.30 - 12.30 p.m.
Thursday	2.00 - 4.00 p.m.

8. SPEECH THERAPY:

Stonehouse, St. Helens Road, Leigh.

Monday	9.30 - 12.30 p.m.
	2.00 - 4.00 p.m.
Friday	9.30 - 12.30 p.m.
	2.00 - 4.00 p.m.

9. TUBERCULOSIS:

Chest Clinic, Leigh Infirmary, Leigh.

10. VENEREAL DISEASES:

(I)

LEIGH INFIRMARY.

Males and Females - Monday morning.

(II)

CIVIC CENTRE, BOLTON.

Males:- Monday, Tuesday, Wednesday,
Thursday and Friday

9.30 a.m. - 12.30 p.m.

Monday, Wednesday & Friday

4.30 p.m. - 7.00 p.m.

Saturday

9.30 a.m. - 11.30 a.m.

Females: Tuesday, Thursday & Saturday

9.30 a.m. - 11.30 a.m.

Monday, Wednesday and Friday

4.30 p.m. - 7.00 p.m.

(III)

ROYAL ALBERT EDWARD INFIRMARY, WIGAN:

Males: Friday

2.00 p.m. - 4.00 p.m.

4.30 p.m. - 7.00 p.m.

Females: Wednesday

2.00 p.m. - 4.00 p.m.

4.30 p.m. - 7.00 p.m.

CONVALESCENCE.

Arrangements made by the Lancashire County Council through the Divisional Medical Officer.

CONVALESCENT TREATMENT.

Arrangements made by the Regional Hospital Board.

HEALTH VISITING SERVICE.

Full-time Health Visitor School Nurses are employed in the area by the Lancashire County Council.

HOME HELP SERVICE.

Provided by the Lancashire County Council through the Divisional Medical Officer.

HOME NURSING SERVICE.

District Nurses, employed full-time, are provided in the area by the Lancashire County Council.

HOSPITALS.

- | | | |
|----|--------------------|--|
| 1. | GENERAL | Leigh Infirmary.
Atherleigh Hospital. |
| 2. | INFECTIOUS DISEASE | Astley Hospital, Astley.
Hulton Lane, Bolton. |
| 3. | MATERNITY | Bolton District General Hospital, Farnworth. |

LABORATORY FACILITIES.

Laboratories at Leigh, Wigan and Bolton Infirmarys and the Regional Laboratory of the Public Health Laboratory Service at Monsall, Manchester.

MATERNITY HOMES.

The Firs, Leigh.
Haslam, Havercroft and Heaton Grange, Bolton.

MIDWIFERY SERVICE.

Domiciliary midwives employed whole-time in the area by the Lancashire County Council.

M O R A L W E L F A R E W O R K.

Local Workers:- Council for Moral Welfare,
 186 Chapel Street,
 Leigh.
 Tel. Leigh 1061

N U R S I N G H O M E S.

None in the district.

U N M A R R I E D M O T H E R S A N D I L L E G I T I M A T E C H I L D R E N.

Provision for their care is made by the Lancashire County Council in conjunction with Voluntary organisation.

W E L F A R E S E R V I C E S.

Arrangements made by the Lancashire County Council.

Residential accommodation at Atherleigh Grange and Hourigan House, Leigh.

X - R A Y F A C I L I T I E S.

At Leigh, Bolton and Wigan Infirmarys. Facilities for special chest cases at Chest Clinic, Leigh Infirmary.

GENERAL NOTES

1. The following information is for general reference only and should not be used for specific purposes.
2. The information is based on the best available data at the time of publication.
3. The information is subject to change without notice.

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SECTION C.

PREVENTION OF AND CONTROL

OVER INFECTIOUS AND

OTHER DISEASES.

PREVENTION OF AND CONTROL OVER INFECTIOUS
AND OTHER DISEASES.

DIPHTHERIA

No cases were notified. The need to continue the immunisation campaign against the disease remains the most necessary pre-requisite for continued freedom.

DYSENTRY

113 notifications were received during the year. 1,207 faecal specimens were submitted for examination, 352 of which were confirmed as infected.

ENCEPHALITIS

Again no cases were notified.

ERYSIPELAS

4 cases were notified.

FOOD POISONING

No cases were notified.

MALARIA

Again no cases were notified.

MEASLES

The normal periodicity of this infection did not materialise and only 90 cases were notified. All proved to be fairly mild and complications were minimal.

MENINGOCOCCAL INFECTION

One case was notified but later diagnosed as Paralytic Poliomyelitis.

PARATYPHOID FEVER

2 cases were notified.

PNEUMONIA

3 cases were notified.

POLIOMYELITIS

9 cases were notified, 6 of which were the paralytic type, 2 non-paralytic with 1 case not being confirmed.

PUERPERAL PYREXIA

No cases were notified.

SCARLET FEVER

38 cases were notified.

SMALLPOX (VARIOLA)

No cases were notified.

TUBERCULOSIS

During the year 20 cases of pulmonary and 2 of non-pulmonary infection being notified, compared with 28 and 3 respectively in the previous year.

TYPHOID FEVER

No cases were notified.

WHOOPIING COUGH

There were 31 notifications during the year.

REPORT ON THE PROGRESS OF THE WORK DURING THE YEAR 1900

GENERAL

The work of the year has been characterized by a steady increase in the number of cases reported, and by the discovery of new sources of infection.

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SECTION D

REPORT BY THE

SENIOR PUBLIC HEALTH INSPECTOR

OF THE

SANITARY CIRCUMSTANCES

OF THE AREA

SECTION 2

REPORT BY THE

REGIONAL PUBLIC HEALTH INSPECTOR

OF THE

SAFETY STANDARDS

OF THE AREA

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GENERAL SANITARY ADMINISTRATION

In order that the Members may have a full appreciation of the many and varied duties carried out by the Public Health Inspectors, the following summary has been prepared:-

1. HOUSING AND SLUM CLEARANCE

- Inspection of houses following complaint.
- Supervision of works found necessary, including preparation of schedules and specifications of works.
- Execution of works in default of owners.
- Inspection of areas for designation as to slum clearance, and the preparation of reports and evidence thereon.
- Closure and/or demolition of individual houses not in slum clearance areas.
- Valuation of property as to reasonableness of costs of repair.
- Inspection of property in order to give estimated life.
- Investigation and recommendation on overcrowding.
- Inspection of applications for Improvement and Discretionary Grants.
- Supervision of disinfection for vermin.

2. MISCELLANEOUS CONDITIONS

- Investigation into complaints of nuisances.
- Supervision of purity and sufficiency of water supply.
- Inspection of caravan sites.
- Defective drainage.
- Removal of accumulation of obnoxious material.
- Measures to prevent pollution of water courses.
- Measures to prevent pollution by sewage disposal plant not connected with a sewer.
- Inspections of Canal Boats.
- Inspections in connection with welfare of agricultural workers.
- Arrangements for care of people living alone under insanitary conditions.
- Inspection and licensing of Pet Animals Shops.
- Measures for eradication, identification and control of all insect pests.
- Inspection of Schools.
- Inspection and licensing of premises where Rag Flock and upholstery materials are used, and submission of samples.
- Inspection of plans submitted to Borough Surveyor for infringement of Public Health etc. considerations.

3. INFECTIOUS DISEASES

- Enquiry into cause and spread of cases notified.
- Supervision of disinfection of articles and premises.
- Submission of samples and specimens for examination in connection with outbreaks of food-borne infection.

4. RODENT CONTROL

- Investigation of complaints.
- Destruction of vermin.
- Treatment of sewers for rat infestation.

5. FOOD SUPPLY

Inspection of all classes of food shops, bakeries, wholesale premises, canteens, restaurants, etc.
Supervision of design, construction and equipment.
Ante and post-mortem examination of all cattle and pigs slaughtered for fitness of food.
Supervision at time of slaughter against cruelty to animals.
Supervision and disposal of all condemned food.
Issue of certificates of condemnation to owner of foodstuff.
Sampling of all classes of food for analysis by Public Analyst.
Sampling of all classes of food for bacteriological examination.
Supervision of milk supply, including sampling for tubercle bacilli and other bacteriological contamination.
Inspection and registration of dairies and milk shops.

6. FACTORIES AND WORKSHOPS

Inspection for sanitary provisions applicable to factories, workshops and workplaces.
Inspection of Means of Escape from Fire under the Factories Act, for certification as to suitability.
Inspection of building sites re sanitary conveniences.

7. ATMOSPHERIC POLLUTION

Observations on chimneys as to provision of the Dark Smoke (Permitted Periods) Regulations.
Inspection of boiler plant, consideration of plans and specification of new boiler installations.
Preparation of plans for and inspection of premises for Smoke Control Areas.
Atmospheric pollution general overall investigations.

COMPLAINTS AND ENQUIRIES

616 complaints and 1,110 enquiries were received in the office. These are classified in the following tables:-

COMPLAINTS

Defective Drains	40
" Closets	71
" Windowframes	6
" Doors	3
" Eavesgutters	13
" House Roofs	18
" Brickwork	8
" Floors	7
" Sinks	10
" Wall and Ceiling Plaster	15
" Dustbins	3
" Fireplaces	4
" Chimneys	4
Dampness due to various causes	40
Insufficient and inadequate water supply	11
Water lodging	5
Overcrowding	23
Verminous Houses	34
Dirty Houses	3
Rain penetration	4
Rats and Mice	216
Miscellaneous	78
TOTAL	616

ENQUIRIES

	1957	1958	1959
Certification of Vaccination Certificates	82	83	85
Enquiries regarding complaints previously made	94	181	89
" " slum clearance	127	361	398
" " Rent Act	209	199	68
" " Food Hygiene Regulations	6	52	18
" " Overcrowding	12	19	14
" " Licences	-	-	20
" " Dustbins	-	18	13
Miscellaneous	355	286	405
TOTAL	885	1199	1110

SUMMARY OF VISITS BY THE PUBLIC HEALTH INSPECTORS.

	Inspection	Re-Inspection	Total	Defaults found	Defaults remedied
DWELLINGHOUSES:-					
Public Health Act	559	1615	2174	580	613
Housing Acts	358	198	556	4	4
Overcrowding	25	3	28	1	-
Houses let in lodgings	1	-	1	-	-
Houses Verminous	33	33	66	13	13
" Non-Verminous	8	12	20	3	3
GENERAL SANITATION:-					
Tents, Vans & Sheds	38	211	249	1	1
Canal Boats	1	-	1	-	-
Places of Entertainment	3	2	5	1	1
Streets, Passages, Footpaths	6	5	11	3	3
Marine Store Dealers	3	-	3	-	-
Infectious Disease	378	54	432	6	9
Schools	35	3	38	-	-
Stables	2	8	10	-	-
Piggeries	4	1	5	-	-
Keeping of Fowls	4	2	6	-	-
Prevention of Damage by Pests Act	35	20	55	10	8
Public Conveniences	2	1	3	1	1
Farms	23	2	25	1	1
Tips	13	6	19	6	6
Drain Testing	27	-	27	-	-
Watercourses	2	-	2	-	-
Smoke Observations	59	-	59	-	-
Pet Animals Act	5	-	5	-	-
Waste Food Order	2	6	8	-	-
Rag Flock Act	2	-	2	-	-
Miscellaneous	296	25	321	3	1
Improvement Grants	203	-	203	-	-
SHOPS ACT:-	6	5	11	-	-
FACTORIES ACT:-					
Mechanical Power	22	29	51	-	2
Non-Mechanical Power	-	-	-	-	-
Means of Escape in Case of Fire	1	2	3	1	3
Workplaces	1	-	1	-	-
Outworkers	1	-	1	-	-
FOOD PREMISES:-					
Markets	45	1	46	2	2
Bakehouses	30	40	70	28	37
Canteens (Factories)	15	27	42	13	14
Cafes & Restaurants	14	14	28	12	7
Dairies & Milkshops	22	1	23	2	-
Grocers Shops	65	181	246	35	99
Greengrocers	9	40	49	14	20
Fish Friers	10	17	27	20	13
Wet Fish Shops	3	8	11	-	2
Confectionery Shops	12	23	35	9	12
Food Warehouses	11	-	11	-	-
Licensed Premises	4	1	5	1	1
Butchers Shops	25	33	58	11	23
Mobile Shops	1	1	2	-	3
Slaughterhouses	810	11	821	-	-
Ice Cream Manufacturers	9	-	9	-	-
" " Shops	15	6	21	-	-
Offensive Trades	7	2	9	1	1
TOTALS	3265	2649	5914	782	903

INFECTIOUS DISEASES - INVESTIGATION

AND DISINFECTION

378 visits of investigation and 54 re-visits were paid to premises where infectious diseases had occurred. In addition 11 visits were made by the Disinfecting Staff for the purpose of carrying out disinfection on account of the occurrence of notifiable diseases. 33 Library Books were disinfected.

Sales of Disinfectant by the Department realised £242.19s.6d. as against £206.17s.6d. last year.

DISINFESTATION

66 visits were made by the Public Health Inspectors in the course of Investigation of verminous premises.

A total of 50 premises were treated by the Disinfestation Staff as follows:-

Houses	26
Food Premises	11
Offices and Workshops	2
Other Premises	11

The Department provides a complete disinfestation service. This service is being increasingly used, particularly by the Food trade, and is available to the public both for treatment and advice on any infestation problem. For this class of work £65.16s.3d. was recharged during the year.

TESTING OF DRAINAGE SYSTEMS

27 visits were paid for the purpose of testing and inspecting existing drainage systems.

Testing of new drainage is carried out by the Borough Surveyor's Department.

CLOSET ACCOMMODATION

Number of fresh water closets	17,545	
Number of waste water closets	217	(Approx.)
Number of pail closets	26	
Privy middens	3	

During the year 11 waste water closets were converted into pedestal water closets. A sum of £8 or one half of the cost of conversion, whichever is the less, is paid to the owner on completion of the work.

The pail closets and privy middens are situated in the semi-rural area of the Borough where it is impracticable to provide water closets.

SEWERAGE DISPOSAL

The disposal is effected at the works of the Leigh and Atherton Joint Sewerage Board, Mather Lane, Leigh. The method of disposal is by percolating filters and humus tanks, with additional chemical treatment by chlorine gas.

HOUSES LET IN LODGINGS

There is one house on the register.

CANAL BOATS

There were no new registrations of Canal Boats during the year. One boat was inspected. No infringements were found.

PIGGERIES

The number of piggeries in the Borough is estimated to be 101. Five visits were made during the year.

OFFENSIVE TRADES

There are no Offensive Trades operating in the Borough.

COMMON LODGING HOUSES

There are no common lodging houses within the Borough.

MARINE STORE DEALERS

There are seven premises registered as Old Metal and Marine Store Dealers in the Borough. In all cases of new registration the Police are informed.

PET ANIMALS ACT, 1951

Five licences to keep Pet Shops have been issued during the year, 5 visits for the purpose of inspection having been made. Not all licence holders are actually selling animals.

PUBLIC BATHS

The Public Baths consists of 2 plunges, 12 slipper baths and 1 foam bath. Facilities are available for Turkish Baths.

Forty samples of swimming bath water were submitted to the Public Health Laboratory for examination. All were reported upon satisfactorily.

MAGGOT FARMING

The advent of the five-day week has had many unexpected results, one of which has been a renewal of interest in angling; this has in turn created a demand for a suitable bait during the Coarse Fishing Season. In order to meet this demand there are now five maggot breeding establishments in the Borough, where breeding takes place under very strictly controlled conditions, although from time to time complaints of obnoxious odour are received. The cause of the complaint is invariably due to the condition known as 'temperature inversion', being a result of a lack of air movement upwards, particularly in the evening after a warm day when the gases are trapped below a ceiling of cool air and so not permitted to disperse normally. The fact that these establishments are under supervision of the department makes it preferable that this class of business should be so established, rather than having the promiscuous breeding of maggots in, perhaps, hundreds of backyards throughout the town and under conditions which could not be controlled.

TENTS, VANS AND SHEDS

There are no licensed caravan sites in the Borough, although 249 visits were paid to itinerant caravans which were parked for varying periods before moving.

No applications were received for licensing of sites.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

Two factories are registered for the use of Rag Flock.

MORTUARY

The Public Mortuary is controlled and staffed by the Department.

During the year 134 bodies were received, of these 65 were from adjoining districts.

Reason for Admission	1957	1958	1959
Accidents	18	11	6
Suicide	3	5	4
Natural Causes	73	55	59
Homicide	-	1	-
Open Verdict	-	4	-
Out of District	-	30	65

REFUSE COLLECTION

This service is under the control of the Director of Public Cleansing, who has supplied the following information:-

Number of movable ashbins	18,200
Number of ashbins emptied	891,800
Refuse dealt with at Destructor	45 tons
Refuse delivered to tip	23,325 tons

PLACES OF PUBLIC ENTERTAINMENT

There are four cinemas, to which regular visits are made for the purpose of inspection of sanitary accommodation, ventilation and cleanliness.

SHOPS ACT, 1950

A total of 11 visits for all purposes were made during the year.

WATER SUPPLY

The supply is taken in bulk from the Rivington reservoirs of the Liverpool Corporation and the Thirlmere aqueduct of the Manchester Corporation.

Despite the exceptionally warm and dry summer months, the normal water supply was maintained, no emergency measures being necessary.

Weekly sampling of the Town's Mains Water is undertaken for bacteriological examination. In all a total of 318 samples were examined, 29 by this department and 289 by the Liverpool Corporation.

One sample was submitted for chemical analysis, with the following results:-

	<u>Parts per million</u>
Colour	Normal
Oxygen absorbed from permanganate in 15 mins.	0.16
Oxygen absorbed from permanganate in 3 hrs.	0.32
Ammonia	0.01
Albuminoid Ammonia	0.02
Nitrogen as Nitrates	0.45
Nitrogen as Nitrites	Faint Trace
Combined Chlorine	12
Lead-grains per gallon	Nil
Copper	Nil
ph. value	7.4
Total solids in solution	92
Free Chlorine	0.06

Number of houses with direct supply from the main	14,944
Number of houses supplied by standpipe	1
Number of houses with private supply (These are premises beyond the point of supply by mains)	7

LEGAL PROCEEDINGS INSTITUTED DURING THE YEAR 1959

Date	Act or Regulations under which proceedings were taken.	Nature of Infringement	Results.
2nd January	Public Health Act, Section 93.	(a) Defective floor boards (b) Damp House Walls.	Given 1 month to do the work.
15th January	Public Health Act, Section 269.	Unauthorised use of Caravan Site.	Fined £3 and given 28 days to clear site.
26th March	Public Health Act, Section 93	(a) Defective roof. Defective ceiling and wall plaster. (b) Defective roof. Defective brickwork. Damp wall plaster.	23s. 0d. costs and 2 months to do the work.

FACTORIES ACT, 1937

Number of Factories on the Register at the end of the year - 179

Classification

Cotton and Rayon Textile Manufacturers	23
Reed Makers	1
Tailors and Garment Makers	10
Brick Makers	3
Builders, Builders' Merchants and Stonemasons	11
Joiners and Cabinet Makers	15
Earthenware Manufacturers	1
Bakehouses	22
Maltsters	1
Bottlers of Ales, etc.	2
Margarine Manufacturers	1
Mineral Water Manufacturers	1
Slaughterhouses	2
Toffee Works	1
Shoeing Forge	1
Coach Builders	3
Engineers and Iron Founders	7
Motor Vehicle Repairers	15
Scrap Metal Dealers	4
Sheet Metal Workers and Welders	6
Boot and Shoe Repairers	13
Brush, Skip and Hamper Makers	3
Cable Makers	1
Electricity Station	1
Coffin Makers	2
Launderers and Dry Cleaners	4
Paint Manufacturers	1
Printers	7
Rope Works	1
Radio and T.V. Repairing	3
Wire Works	1
Others	12
TOTAL	<u>179</u>

The following table gives particulars of the inspections during the year under Part I of the Factories Act, 1937, and an analysis of the defects which were found, with particulars of the action taken.

FACTORIES - CASES IN WHICH DEFECTS WERE FOUND

Particulars	Number of Defects				
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	No. of offences in respect of which Prosecutions were instituted
Nuisances under the Public Health Acts:-					
Want of cleanliness	2	2	-	2	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	2	2	-	2	-
Sanitary Conveniences:-					
(a) Insufficient	1	1	-	1	-
(b) Unsuitable or defective	21	16	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	-	-	-	-	-
TOTALS	26	21	-	5	-

FACTORIES - INSPECTIONS FOR PURPOSES OF
PROVISIONS AS TO HEALTH.

Premises	No. on Register	No. of inspections	No. of written Notices	No. of Occupiers prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	12	-	-	-
Factories not included in (1) in which Section 7 is enforced by Local Authority	167	51	4	-
Other premises in which Section 7 is enforced by Local Authority (excluding out-workers premises)	6	-	1	-
TOTALS	185	51	5	-

FACTORIES ACT, 1937, SECTION 34.

MEANS OF ESCAPE IN CASE OF FIRE.

Reports and recommendations with respect to work under this Section of the Act are made to the Watch Committee of the Council.

During the year three visits were made to premises not provided with suitable means of escape in case of fire. Resulting from these visits, Certificates of Suitability were issued in respect of two factories.

Details are given below of the work necessary, which was completed prior to the issue of the Certificates:-

1. Two doors re-hinged to open outwards.
2. Four doors modified and designated "Fire Exit".

C L E A N A I R A C T , 1 9 5 6 .

S M O K E C O N T R O L A R E A S

In January this year the Ministry of Housing and Local Government, in Circular 5/59, requested Councils in black areas to consider their domestic smoke problem as a whole (if they had not already done so) and decide on the smoke control orders that were needed, in what order of priority they should be made, and how many years it would take to finish the job, and that they should then prepare a phased programme for establishing smoke control areas over the next five years.

Leigh being in black area, a phased programme was submitted to, and approved by, the Health Committee. The Target Year for completion of the programme is 1971, and the five-year programme submitted is given hereunder:-

	1959	1960	1961	1962	1963	Final objective
Premises	-	658	1721	1538	976	17,533
Dwellings	-	435	1457	1443	916	14,939
Acres	-	42	235	282	83	6,359

A T M O S P H E R I C P O L L U T I O N

Few observations have been made this year on factory chimneys. Of the 59 made, only 2 were in excess of the statutory permitted period and after consultations with the management in each case improvement resulted.

This is the first full year in which the Dark Smoke (Permitted Periods) Regulations have been in operation. Offences under these Regulations are classified as:-

1. Emission of dark smoke from any chimney longer than 10 minutes in the aggregate in any period of 8 hours, or, if soot blowing is carried out during the period, 14 minutes.

These periods are extended where a chimney serves more than one furnace by:-

18 - 25 minutes	in the case of 2 furnaces
24 - 34 "	" " " " " 3 "
29 - 41 "	" " " " " 4 " or more.

(The two furnace tubes of a Lancashire boiler would be classified as a single furnace).

2. The continuous emission of dark smoke, caused otherwise than by soot blowing, for a period exceeding 4 minutes.
3. The emission of black smoke for more than 2 minutes in the aggregate in any period of 30 minutes.

TABLE I

The following table shows the results of the experiments conducted at the University of California, Berkeley, during the summer of 1912, for the purpose of determining the effect of the various factors on the rate of the reaction between hydrogen peroxide and potassium iodide.

The results are given in the following table in the form of a series of percentages, based on the rate of the reaction in the case of the standard solution of hydrogen peroxide, which was 1.0%.

Concentration of Hydrogen Peroxide	Rate of Reaction (Percentage)				
	0.1%	0.2%	0.3%	0.4%	0.5%
0.1%	100	100	100	100	100
0.2%	100	100	100	100	100
0.3%	100	100	100	100	100
0.4%	100	100	100	100	100
0.5%	100	100	100	100	100
1.0%	100	100	100	100	100
2.0%	100	100	100	100	100
3.0%	100	100	100	100	100
4.0%	100	100	100	100	100
5.0%	100	100	100	100	100
6.0%	100	100	100	100	100
7.0%	100	100	100	100	100
8.0%	100	100	100	100	100
9.0%	100	100	100	100	100
10.0%	100	100	100	100	100

The results of the experiments show that the rate of the reaction between hydrogen peroxide and potassium iodide is independent of the concentration of the hydrogen peroxide, and is also independent of the concentration of the potassium iodide.

VOLUMETRIC APPARATUS (continued)

The results are given in the following table in the form of highest, lowest and average of the daily readings in each month since the inception.

Month	Smoke in milligrammes per 100 cubic metres						S O ₂ in parts per 100 million					
	Average		High		Low		Average		High		Low	
	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
January	-	55.9	-	165.1	-	24.7	-	27.9	-	83.5	-	7.9
February	-	39.2	-	137.9	-	14.9	-	16.0	-	72.2	-	5.7
March	-	31.5	-	66.9	-	17.3	-	11.5	-	27.5	-	2.9
April	36.7	25.3	49.5	53.7	16.5	13.1	10.0	8.9	17.6	22.6	2.9	2.1
May	31.8	17.8	49.5	38.0	24.7	7.4	5.4	7.6	12.2	12.2	2.7	4.0
June	31.0	9.0	49.5	19.0	24.7	4.1	6.2	5.1	12.6	10.3	4.2	3.2
July	33.6	6.9	49.5	15.6	23.0	2.4	5.4	3.9	10.3	7.2	2.2	2.3
August	28.5	8.3	33.0	14.0	21.6	2.5	6.2	4.1	11.3	8.1	3.1	2.2
September	26.7	22.8	49.5	56.1	12.3	8.8	6.1	7.4	11.7	17.1	2.2	2.4
October	31.9	24.4	49.5	56.0	23.1	9.0	8.1	8.8	15.8	15.8	3.6	2.7
November	46.6	39.7	132.1	106.0	23.1	18.0	18.3	12.1	41.4	24.4	4.1	6.1
December	38.3	33.3	66.0	99.0	16.5	16.0	19.0	12.7	35.7	30.7	6.3	6.8

SOLID MATTER DEPOSITED

Tons of solid matter per square mile

LEIGH BOYS' GRAMMAR SCHOOL

Month	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
January	12.93	20.91	21.25	14.92	18.41	12.22	25.94	- *	- *	15.98
February	12.69	17.90	11.63	16.74	37.84	11.12	6.29	12.53	- *	8.11
March	9.38	25.39	16.33	22.07	14.40	10.51	15.60	14.23	- *	12.79
April	19.04	21.35	17.08	17.79	9.03	13.07	17.32	11.80	12.93	12.22
May	15.43	16.53	16.67	10.34	20.32	10.74	13.68	19.82	13.24	11.26
June	25.47	16.94	12.14	8.35	13.76	14.17	21.08	18.79	14.34	17.34
July	11.47	17.04	9.95	19.23	14.55	8.94	19.15	19.20	13.34	10.99
August	12.26	8.82	5.64	7.73	19.72	10.30	19.71	19.92	11.57	4.96
September	23.03	11.74	38.61	15.98	18.56	14.03	17.58	19.74	12.60	14.54
October	13.10	11.67	17.65	9.96	13.75	16.84	15.29	- *	10.85	15.27
November	23.57	-	20.05	13.84	24.02	10.16	21.55	- *	11.93	12.45
December	13.62	28.47	57.08	11.94	22.27	22.78	13.59	- *	14.74	14.40
TOTAL	191.99	196.76	244.08	168.89	226.63	154.88	206.78	136.03	115.54	151.51
Average per month	15.99	17.88	20.34	14.07	18.88	12.90	17.23	17.00	12.84	12.62

* Due to repeated interference with the apparatus at this site the results have been unreliable, consequently recordings were discontinued until a more favourable one was found.

S O L I D M A T T E R D E P O S I T E D

Tons of solid matter per square mile

T O W N H A L L

Month	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
January	33.00	31.66	37.55	29.37	-	15.84	35.32	27.64	27.21	26.68
February	31.17	33.36	19.67	26.03	-	8.50	21.18	28.61	18.44	-
March	21.49	43.59	36.28	40.32	36.85	15.57	45.35	30.92	28.42	-
April	35.69	33.71	27.47	35.41	18.34	93.61	32.57	33.50	25.31	33.32
May	-	29.17	35.65	21.51	29.61	32.70	23.93	-	75.84	21.65
June	22.54	-	30.05	26.80	18.64	34.14	21.98	23.40	20.28	24.16
July	19.32	-	20.95	30.28	20.48	15.40	31.00	24.01	16.50	15.36
August	21.05	36.33	18.62	25.78	25.15	22.41	39.33	32.24	13.08	12.34
September	32.80	24.49	38.17	30.92	28.80	-	37.18	22.13	21.24	17.84
October	32.95	30.07	35.42	22.49	20.24	31.51	20.22	28.82	19.01	24.12
November	32.56	41.27	-	28.51	32.57	19.27	24.48	14.80	13.74	23.86
December	20.46	34.60	-	25.81	27.52	39.26	22.48	42.18	28.12	20.27
TOTAL	303.03	338.25	299.83	343.23	258.20	328.21	355.02	308.25	307.19	219.60
Average per month	27.54	33.82	29.98	28.60	25.82	29.83	29.58	28.02	25.60	21.96

S O L I D M A T T E R D E P O S I T E D

Tons of solid matter per square mile

F I R S M A T E R N I T Y H O M E

Month	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
January	19.43	54.07	-	15.54	14.16	17.65	14.48	14.21	-	19.85
February	23.41	23.04	13.79	20.09	33.93	9.49	4.20	13.69	15.31	6.50
March	15.41	24.14	18.82	19.26	-	16.40	5.40	13.92	18.23	11.93
April	32.90	21.97	15.85	18.54	19.53	18.92	53.74	15.30	13.76	10.22
May	25.82	18.71	18.98	17.33	16.69	13.89	15.40	14.89	18.09	9.70
June	52.80	13.61	16.79	10.21	13.41	17.47	11.52	17.37	16.86	21.48
July	15.95	26.90	17.05	22.36	12.52	10.00	19.88	14.86	15.17	11.72
August	17.88	-	16.86	22.51	18.34	11.18	22.29	21.07	11.51	5.53
September	27.37	15.20	23.33	16.27	17.34	14.86	18.05	19.74	17.47	11.07
October	18.47	17.20	23.52	15.95	13.62	16.89	13.72	16.92	9.18	19.85
November	44.53	25.15	17.26	15.89	22.34	8.70	15.24	9.39	12.52	15.85
December	-	26.54	-	14.96	23.66	26.76	15.06	16.89	15.95	16.67
TOTAL	293.97	266.53	182.25	208.91	205.54	182.21	208.98	188.25	164.05	160.37
Average per month	26.72	24.23	18.22	17.41	18.68	15.18	17.41	15.68	14.91	13.36

S U L P H U R D E T E R M I N E D B Y T H E L E A D P E R O X I D E M E T H O D

Milligrammes per 100 square centimetres per day

L E I G H B O Y S ' G R A M M A R S C H O O L

Month	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
January	3.10	2.35	2.67	2.92	3.74	3.15	3.09	- *	- *	5.47
February	2.91	2.32	2.66	1.86	3.31	3.47	2.81	2.30	- *	2.70
March	2.54	2.75	1.94	2.72	2.73	3.24	2.64	- *	- *	2.08
April	2.17	1.81	1.63	2.02	2.18	2.11	2.06	1.79	2.37	1.84
May	2.34	2.15	1.36	1.41	1.73	1.67	1.38	1.60	1.70	1.86
June	1.38	1.18	1.14	1.48	1.30	1.44	1.27	1.20	1.70	1.37
July	1.19	0.96	1.03	1.23	1.48	1.06	1.17	0.87	0.83	0.95
August	0.99	0.94	1.00	1.18	1.45	1.34	1.13	0.84	0.92	1.30
September	1.48	1.14	1.56	1.49	1.31	1.51	1.49	1.19	1.51	1.94
October	1.83	2.18	2.03	2.10	1.99	1.94	2.29	- *	1.78	2.22
November	2.74	2.27	2.99	2.88	2.44	3.01	2.74	- *	3.00	2.24
December	2.41	2.04	2.81	3.56	2.58	2.51	1.99	- *	3.46	2.24
TOTAL	25.08	22.09	22.82	24.85	26.24	26.45	24.06	9.79	17.27	26.21
Average per month	2.09	1.84	1.90	2.07	2.18	2.20	2.00	1.39	1.92	2.18

* Due to repeated interference with the apparatus at this site the results have been unreliable, consequently recordings were discontinued until a more favourable one was found.

S U L P H U R D E T E R M I N E D B Y T H E L E A D P E R O X I D E M E T H O D

Milligrammes per 100 square centimetres per day

T O W N H A L L

Month	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
January	4.46	3.47	-	3.51	4.47	4.59	3.90	3.07	3.28	5.34
February	3.83	2.95	3.14	2.39	4.40	4.37	4.05	3.11	2.98	2.87
March	3.18	3.46	2.59	3.19	3.72	4.19	3.36	2.77	3.17	1.83
April	2.30	2.13	2.10	2.24	3.08	2.96	2.80	2.14	2.53	1.78
May	2.39	2.05	1.75	1.68	1.95	2.18	1.69	1.76	1.76	1.35
June	1.53	1.42	1.19	1.52	1.70	1.99	1.50	1.29	1.54	1.21
July	1.17	1.13	1.17	1.20	1.57	1.43	1.07	1.27	1.19	0.92
August	1.37	1.36	1.29	1.42	1.71	1.43	1.62	1.46	1.14	1.16
September	1.82	1.66	1.41	1.72	1.86	1.87	1.66	1.92	1.46	1.66
October	2.87	3.25	2.44	2.92	2.66	2.52	2.73	2.57	1.97	2.12
November	3.66	2.97	3.26	2.03	3.87	4.03	3.21	3.34	3.47	2.61
December	3.48	3.02	3.39	3.41	3.21	3.22	2.87	3.02	3.65	2.73
TOTAL	32.06	28.87	23.73	27.23	34.20	34.78	30.46	27.72	28.14	25.58
Average per month	2.67	2.40	2.15	2.27	2.85	2.89	2.54	2.31	2.34	2.13

SULPHUR DETERMINED BY THE LEAD PEROXIDE METHOD

Milligrammes per 100 square centimetres per day

F I R S M A T E R N I T Y H O M E

Month	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
January	3.71	2.69	2.36	2.55	4.28	3.82	2.87	2.02	2.73	4.72
February	2.45	2.41	1.92	1.90	3.67	3.64	3.17	2.80	2.31	2.80
March	2.55	2.73	2.14	2.47	3.37	2.81	3.35	2.63	3.18	2.31
April	1.67	1.52	1.67	2.12	2.39	2.11	2.57	1.57	2.16	1.36
May	2.16	1.59	1.34	1.31	1.42	1.75	1.21	1.40	1.31	1.46
June	1.17	1.10	0.93	1.15	1.88	1.88	0.87	1.04	1.31	0.93
July	1.01	0.75	0.83	0.90	0.86	1.09	0.75	0.82	0.83	0.66
August	1.06	1.00	1.06	0.86	1.12	1.22	1.13	1.08	1.14	0.79
September	1.20	1.18	1.14	1.36	1.15	1.05	1.42	1.59	1.38	1.39
October	2.25	2.65	1.99	2.58	1.64	1.74	1.77	1.93	1.22	1.94
November	2.41	2.44	2.64	2.22	2.65	2.81	2.02	3.06	2.74	1.96
December	2.98	2.12	2.63	2.77	2.33	3.65	2.74	3.01	3.10	-
TOTAL	24.62	22.18	20.65	22.19	26.76	27.57	23.87	22.95	23.41	20.32
Average per month	2.05	1.84	1.72	1.84	2.23	2.29	1.99	1.91	1.95	1.85

H O U S I N G.

The Slum Clearance programme is based on 85 houses per year. This year work has continued at a steady pace, a total of 113 houses being dealt with.

The rate of progress and the current position are indicated in the following table:-

Summary of the position at 31st December, 1959.

Year	Number of Houses dealt with			Persons displaced		
	As Clearance Areas	As Individual Houses	Total	From Clearance Areas	From Individual Houses	Total
Pre-Programme	11	35	46	31	104	135
1955	5	3	8	21	7	28
1956	44	7	51	156	27	183
1957	23	72	95	64	187	251
1958	100	72	172	283	194	477
1959	82	31	113	225	97	322
TOTAL	265	220	485	780	616	1396

Houses dealt with since the inception of the current programme ... 485

Number in advance of programme at 31st December, 1959 ... 145

Representations were made in respect of 82 houses. The Orders, although made, were not confirmed at the end of the year, but subsequently confirmation was received in respect of one Order comprising 5 houses, the Minister directing that "well-maintained" payments be made in respect of 2 houses comprised therein.

Objections were made by the owners in respect of the remaining 5 areas comprising 77 houses and a Public Local Inquiry was held in December by an Inspector appointed by the Ministry of Housing and Local Government. Confirmation was subsequently received in all 5 cases, the Minister directing that "well-maintained" payments be made in 25 cases.

Additional to the foregoing, representations were made in respect of three houses owned by the Council in pursuance of Section 16 of the Housing Act, 1957, and Circular 33/56 of the Ministry of Housing and Local Government.

A further 28 reports were made in pursuance of Section 16 respecting individual houses, making a total of 31 houses, details of which are given on the following page.

78 houses and 84 flats were built by the Corporation and 68 by private enterprise.

DETAILS OF THE AREAS AND INDIVIDUAL HOUSES DEALT WITH:-

Areas and Individual Houses

Area	Houses comprised in Area	No. of Houses	Persons displaced
Princess Street	9, 11, 13, 15, 17, 19, 19a, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45 and 47 Princess Street	21	57
Dukinfield Street	23, 25, 27, 29, 31, 33, 35, 37, 39 and 43 Dukinfield Street	10	26
Dukinfield Street (No.2)	47, 49, 51, 53 and 55 Dukinfield Street	5	15
Dukinfield Street (No.3)	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36 and 38 Dukinfield Street	18	45
Dukinfield Street (No.4)	40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60 and 62 Dukinfield Street	12	37
High Street	3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31 and 33 High Street	16	45
	TOTAL	82	225

Individual Unfit Houses

Address	No. of Houses	Persons displaced
34 Chapel Street	1	2
44 Siddow Common	1	4
2, 4 and 6 Boardman Street	3	5
241, 436, 438, 442, 450 and 452 St. Helens Road	6	26
17 and 19 Brown Street South	2	3
50 and 52 Kirkhall Lane	2	10
Folds Farmhouse	1	3
1 Great Fold	1	3
2, 4, 6 and 8 School Street	4	9
408, 410, 412 and 414 Wigan Road	4	8
71 Leigh Road	1	2
2, 4 and 6 Molyneux's Houses	3	11
38 and 52 Heath Lane	2	11
TOTAL	31	97

MEASUREMENT FOR PERMITTED NUMBER - HOUSING ACT, 1957, SECTION 77.

40 Certificates of Permitted Numbers were issued respecting 78 Houses and 96 Flats.

PROVISION OF NEW HOUSES

(a)	Total		230
(i)	By Local Authority	Houses	54
		Flats	108
(ii)	By other Local Authorities		-
(iii)	By other bodies or persons		68
(b)	With State assistance under the Housing Acts:-		
(i)	By Local Authority	Houses	54
		Flats	108
(ii)	By other bodies or persons		Nil

1. INSPECTION OF DWELLINGHOUSES DURING THE YEAR

(1)	(a)	Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts.	917
	(b)	Number of inspections made for the purpose	2,730
(2)	(a)	Number of dwellinghouses (including under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	358
	(b)	Number of inspections made for the purpose	556
(3)		Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	113
(4)		Number of dwellinghouses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation.	584

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority.	126
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3. ACTION UNDER STATUTORY POWERS

A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1957:-

(1)	Number of dwellinghouses in respect of which notices were served requiring repairs	Nil
(2)	Number of dwellinghouses which were rendered fit after service of formal notice -	
(a)	By Owners	Nil
(b)	By Local Authority in default of Owners	Nil

B. Proceedings under Public Health Acts:-

(1)	Number of dwellinghouses in respect of which notices were served requiring defects to be remedied.	244
(2)	Number of dwellinghouses in which defects were remedied after service of formal notice -	
(a)	By Owners	120
(b)	By Local Authority in default of Owners	39

C. Proceedings under Sections 16 and 23 of the Housing Act, 1957:-

(1)	Number of dwellinghouses in respect of which Demolition Orders were made	22
(2)	Number of dwellinghouses demolished in pursuance of Demolition Orders.	89
(3)	Number of dwellinghouses closed in pursuance of Closing Orders	9

D. Proceedings under Section 18 of the Housing Act, 1957:-

(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made.	Nil
(2)	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, 1957 - OVERCROWDING

Number of Cases of overcrowding investigated during the year	21
Number of Cases of overcrowding confirmed during the year	10
Number of families involved	34
Number of persons dwelling therein	138
Number of families re-housed	10
Number of persons involved	34½

The Housing Committee allocate Corporation Houses on a points scheme.

At the end of the year there were 980 applicants on the Corporation housing list, of which 558 were living in lodgings.

RENT ACT, 1957

Number of applications received		23
Number of Certificates of Disrepair granted - All defects	4	
	Some defects	<u>12</u>
Number of Certificates of Disrepair refused		16
Number of undertakings accepted from landlords		1
Number of undertakings refused		8
		-

IMPROVEMENT GRANTS - Housing Act 1949, Housing Repairs and Rents Act 1954, Rent Act 1957, and House Purchase and Housing Act 1959.

Two types of grant are now available with the advent of the House Purchase and Housing Act, 1959, when the Standard Grant was introduced. The conditions applicable to these grants are as follows:-

- (a) Standard Grants are available towards the cost of improving a house which lacks certain standard amenities, such as a bath, w.c. or hot water system. They are specially intended to help the modernisation of houses which can be equipped with these amenities without the necessity for structural additions involving much new building work. These standard grants are a new form of Improvement grant which can be claimed as of right: the grant cannot be refused, provided the conditions of payment are satisfied.
- (b) Discretionary Grants are payable for a wider range and more extensive forms of improvement, including the conversion or adaptation of larger houses and other buildings. But payment of these grants is at the discretion of the local council.

Particulars of applications received during the year are set out below:-

DISCRETIONARY GRANTS

Number of applications received	67
Number of applications received from private owners	52
Number of applications received from landlords	15
Number approved for grant - private owners	49
Number not approved for grant - private owners	2
Number remaining to be dealt with - private owners	1
Number approved for grant - landlords	15
Number not approved for grant - landlords	-
Number remaining to be dealt with - landlords	-
Total amount of grants authorised	£7,022

STANDARD GRANTS

Number of applications received	14
Total amount of grants paid	-

TABLE OF DEFECTS DEALT WITH IN DWELLINGHOUSES

The following table shows the number and types of defects found and remedied in dwellinghouses during the current year:-

<u>Nature</u>		<u>Found</u>	<u>Remedied</u>
Drains		105	105
Roofs		55	48
Eavesgutters		54	77
Rainwater pipes		21	22
Walls External	Defective Brickwork	15	11
" "	Dampness penetrating	6	5
Walls Internal	Damp wallplaster	65	64
" "	Defective wallplaster	37	35
" "	Defective ceiling plaster	40	29
Sinks and Slopstones		3	3
Sink Waste pipes		3	8
Floors		14	20
Window Frames	Defective woodwork	30	24
" "	Sashes and inadequate ventilation	18	31
Doors		13	15
Fire Ranges	Smoke emission	7	6
" "	Defective	9	6
Insufficient Water Supply		23	18
Closets	Fresh Water	90	104
"	Waste Water	3	1
Yards and Passages		1	1
Other Defects		24	20
TOTAL		636	653

Repairs were carried out in default of owners, following service of Statutory Notices under the Public Health Act, 1936, at a total cost of £179. 8s. 9d.

Repairs to defective drains were carried out under signed orders from the owners of the property at a cost of £75. 3s. 1d., which was fully recovered.

PUBLIC HEALTH ACT, 1936 - STATUTORY NOTICES SERVED

<u>Section of Act</u>		<u>No. of Notices</u>
39	Defective Sinks	2
39	Drainage (Sub-soil drains)	19
39	Gutters, Downspouts	37
45	Defective Water Closets	48
83	Unwholesome Premises	1
93	Conditions prejudicial to health	80
138	Insufficient Water	11
TOTAL		198

FOOD PREMISES

CLASSIFICATION OF PREMISES VISITED

	<u>No. of visits paid</u>
Markets	46
Bakehouses	70
Canteens and Restaurants	70
Dairies and Milkshops	23
Grocers Shops	246
Greengrocers	49
Fish Friers	27
Wet Fish Shops	11
Sweet Shops	35
Food Warehouses	11
Hotels and Public Houses	5
Butchers Shops	58
Butchers Mobile Shops	2
Slaughterhouses	821
Ice Cream Manufacturers	9
Ice Cream Shops	21
Ice Cream Mobile Shops	9
TOTAL	<u>1513</u>

INFRINGEMENTS OF FOOD HYGIENE REGULATIONS 1955 DEALT WITH.

	<u>Defects found</u>	<u>Defects remedied</u>
Reg. 6 Cleanliness of equipment	3	5
" 8 Risk of contamination	2	7
" 14 Defective closets, etc. Notices re washing	7	6
" 16 Wash-hand basins, water supply, soap, nailbrush, drying facilities not provided	79	100
" 17 First Aid equipment not provided	14	16
" 18 Accommodation for clothing, etc.	6	4
" 19 Facilities for washing food and equipment	5	3
" 21 Ventilation of Food Rooms	2	2
" 23 Cleanliness and repair of Food Rooms	61	52
" 24 Accumulation of refuse	3	3
TOTALS	<u>182</u>	<u>191</u>

BAKEHOUSES

Number of Bakehouses on register	35
Number of inspections in the year	70
Number of defects found	28
Number of defects remedied	37

SLAUGHTERHOUSES

The number of licensed slaughterhouses in the Borough 2

The long standing problem of Sunday slaughtering at the Buck Street premises was finally resolved during the year by the owners, the Fatstock Marketing Corporation, building a Chill Room capable of holding the equivalent of almost a week's kill. Consequently the Company has now ceased to dress carcasses on Sunday.

On the following page the table reproduces particulars of the number of cattle examined, and of condemnations.

SLAUGHTER OF ANIMALS ACT, 1933

There are 15 slaughtermen holding licences granted by this Authority.

PERCENTAGE CONDEMNATIONS FOR TUBERCULOSIS AND OTHER CONDITIONS

	Cattle excluding Cows.	Cows	Calves	Sheep and Lambs	Pigs
Number killed	2,872	555	2	15,809	15,188
Number inspected	2,872	555	2	15,809	15,188
All diseases except Tuberculosis - whole carcasses condemned	5	2	-	-	5
Carcasses of which some part or organ was condemned	1,531	301	-	1,215	1,187
Percentage of the number inspected affected with disease or parasitic conditions other than Tuberculosis	53.47	54.59	-	7.68	7.84
<u>TUBERCULOSIS:-</u>					
Whole carcasses condemned	10	1	-	-	3
Carcasses of which some part or organ was condemned	202	102	-	-	205
Percentage of the number inspected affected with tuberculosis 1959	7.4	18.5	-	-	1.4
ditto 1958	6.16	17.55	-	-	1.88
ditto 1957	8.43	21.77	-	-	0.40

TUBERCULOSIS ORDER, 1938

No cattle were sent for slaughter by the Veterinary Inspectors under the Tuberculosis Order, 1938.

CYSTICERCUS BOVIS

All bovines are subjected to examinations for Cysticercus Bovis and during the year 41 cases were discovered. In each case particulars of the animal affected were forwarded to the Divisional Veterinary Inspector of the Ministry of Agriculture, Fisheries and Food.

The carcasses were subjected to refrigeration prior to release in accordance with the terms of the Ministry of Agriculture, Fisheries and Food circular.

INSPECTION OF OTHER FOODS

The following table gives a list of foods examined by the Public Health Inspectors and rejected as unfit for human consumption. All were voluntarily surrendered.

Food	No. of Containers	Weight				
		Tons	Cwts.	Qrs.	Lbs.	ozs.
Meat	1,972	3	-	2	5	13 $\frac{1}{4}$
Fruit	2,382	1	9	1	4	3
Vegetables	619	-	4	2	19	15 $\frac{1}{2}$
Milk	581	-	3	2	26	-
Fish	417	-	2	2	14	8
Cheese	12	-	-	-	6	2
Soups	8	-	-	-	7	12
Sundries	179	-	2	2	20	$\frac{1}{2}$
Total	6,170	5	3	2	20	6 $\frac{1}{4}$

FOOD AND DRUGS ACT, 1955

The Public Analyst for the Borough is Dr. G.H. Walker, Ph.D., F.R.I.C., County Offices, Preston.

142 samples of milk and other foods were submitted to the Public Analyst for examination. The classified table on the following page shows the results of the analysis of the samples.

There were no prosecutions under the Act, such infringements as were found being dealt with informally.

ANALYSIS OF FOOD SAMPLES - 1959

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity.
	Formal	Inf.	Priv.	Total	
Almonds, Ground	-	1	-	1	-
Biscuits	-	1	-	1	-
Butter	-	10	-	10	-
Cheese	-	1	-	1	-
Chicken, Canned	-	2	-	2	-
Chicken Pie	-	1	-	1	-
Cooking Fat	-	1	-	1	-
Cream, Fresh	-	1	-	1	-
Cough Medicine	-	1	-	1	-
Fish, Canned	-	1	-	1	-
Fish, Kippers	-	1	-	1	-
Flour	-	1	-	1	-
Flour, Self Raising	-	1	-	1	-
Flour Confectionery	-	1	-	1	-
Food Colouring	-	1	-	1	-
Fruit, Canned	-	3	-	3	-
Fruit Curd	-	1	-	1	1
Fruit Juice, Unsweetened, Canned	-	1	-	1	-
Fruit Juice, Bottled	-	2	-	2	-
Glaze Apricots	-	1	-	1	1
Herbal Tablets	-	2	-	2	1
Ice Cream	-	6	-	6	-
Ice Lollies	-	1	-	1	-
Jam	-	2	-	2	-
Jelly, Table	-	1	-	1	-
Lard	-	1	-	1	-
Liquorice Powder	-	1	-	1	-
Macaroon Paste	-	1	-	1	-
Margarine	-	1	-	1	-
Meat Canned	-	3	-	3	-
Milk	-	66	-	66	7
Milk, Channel Islands	-	2	-	2	-
Potatoes	-	1	-	1	-
Potato Puffs	-	1	-	1	-
Prawns, Canned	-	1	-	1	-
Salt	-	1	-	1	-
Sausages, Beef	-	2	-	2	1
" Pork	-	5	-	5	2
" Pork, Canned	-	1	-	1	-
" Tomato	-	1	-	1	-
Seidlitz Powders, Extra Strong	-	1	-	1	-
Sweets	-	1	-	1	-
Soda Bread Mix	-	1	-	1	-
Soup, Canned	-	2	-	2	-
Tea	-	2	-	2	-
Vegetables, Canned	-	2	-	2	-
TOTALS	-	142	-	142	13

ADULTERATED SAMPLES - 1959

Number of Sample	Description	Nature of Adulteration or irregularity	Observations
255	Glace Apricots (Informal)	Contained 740 parts of sulphur dioxide per million parts of the fruit. Limit for glace fruit is 100 parts per million sulphur dioxide.	Stock withdrawn.
263	Milk (Informal)	Deficient 5 per cent. fat.	Vendor notified.
264	Milk (Informal)	Deficient 6.6 per cent. fat.	Vendor notified.
278	Fruit Curd (Informal)	Jar bore no name of the food or net weight of the contents.	Vendor interviewed. Correct label now in use.
280	Milk (Informal)	Deficient 3.3 per cent. fat	Same Vendor. Vendor notified. Other samples taken at same time genuine.
281	Milk (Informal)	Deficient 3.3 per cent. fat	
282	Milk (Informal)	Deficient 6.6 per cent. fat	
288	Herbal Tablets (Informal)	Entirely herbal. Composition did not exactly accord with formula on handbill. Otherwise genuine.	No action advised.
298	Pork Sausage (Informal)	Meat content only 61.5 per cent.	Poor in meat content.
302	Milk (Informal)	Deficient 1.6 per cent. fat.	Vendor notified.
316	Milk (Informal)	Deficient 31.6 per cent. fat.	Formal sample advised.
341	Beef Sausage (Informal)	Contained 295 parts per million of sulphite preservative (expressed as sulphur dioxide) without declaration.	Vendor interviewed and cautioned. Correct notice now displayed.
368	Pork Sausages (Informal)	Contained 250 parts per million sulphite preservative (expressed as sulphur dioxide) without declaration.	Vendor interviewed. Correct notice now displayed in shop.

M I L K S U P P L Y.

The Borough is a specified area where only Tuberculin Tested, Pasteurised and Sterilised Milk is permitted to be sold.

Number of Registered Distributors in the Borough

170

Number of Registered Dairies in the Borough

2

Year	Number of Samples	Fat	Solids-not-Fat	Total Solids	Percentage Adulteration.
1940	90	3.77	8.80	12.57	3.3
1941	88	3.70	8.68	12.38	1.1
1942	78	3.60	8.67	12.27	5.1
1943	61	3.79	8.60	12.39	3.3
1944	50	3.70	8.53	12.23	4.0
1945	38	3.61	8.55	12.16	7.9
1946	34	3.57	8.55	12.12	5.9
1947	60	3.81	8.52	12.23	16.6
1948	83	3.70	8.60	12.30	9.6
1949	80	3.67	8.56	12.23	8.7
1950	87	3.69	8.62	12.31	6.9
1951	70	3.65	8.66	12.31	4.2
1952	62	3.86	8.65	12.51	3.2
1953	65	3.79	8.55	12.34	12.3
1954	71	3.84	8.63	12.47	1.4
1955	61	3.83	8.58	12.41	4.9
1956	60	3.80	8.53	12.33	5.0
1957	58	3.70	8.60	12.30	1.7
1958	58	3.72	8.60	12.32	3.4
1959	66	3.56	8.65	12.21	10.6
Average		3.72	8.60	12.32	5.9

BACTERIOLOGICAL AND BIOLOGICAL EXAMINATION OF MILK SAMPLES

Designation	Number taken	NATURE OF TEST								
		Methylene Blue		Turbidity Test			Phosphatase Test		Tubercle Bacilli	
		Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory	Positive	Negative	
Tuberculin Tested	17	15	2	-	-	-	-	-	-	17
Pasteurised	21	21	-	-	-	21	-	-	-	-
T.T. Pasteurised	16	16	-	-	-	16	-	-	-	-
Sterilised	8	-	-	8	-	-	-	-	-	-
TOTALS	62	52	2	8	-	37	-	-	-	17

ICE CREAM

In accordance with Section 16(1)(a) of the Food and Drugs Act, 1955, 15 premises were registered for the sale of Ice Cream during the year. 181 such premises now appear in the Register.

There are five manufacturers of Ice Cream licensed in the Borough.

Samples for bacteriological examination are submitted to the Regional Public Health Laboratory, Monsall Hospital, Manchester. Two samples were submitted for examination and the following grades were achieved:-

1 - Grade I
1 - Grade II

The following table gives the result of the examination of Ice Cream samples submitted under the Food and Drugs Act:-

Year	Fat %	Total Solids %
1949	8.0	31.9
1950	8.9	32.7
1951	9.8	35.5
1952	9.8	32.7
1953	9.4	34.1
1954	8.5	33.7
1955	7.0	33.6
1956	8.4	34.4
1957	7.4	35.6
1958	8.6	35.4
1959	8.7	36.4
Average	8.6	34.2

LANCASHIRE COUNTY COUNCIL (GENERAL POWERS) ACT, 1951

HAWKERS

Any person who shall by himself, or any person employed by him, sell or offer or expose for sale, any meat or meat food product, or fish, fruit or vegetables from any cart, barrow or other vehicle or from any basket, pail, tray or other receptacle, must be registered.

The number of persons on the register at the end of the year was 81.

PREMISES

All premises used or proposed to be used for storage of meat, meat food products, or fish, fruit or vegetables must be registered.

The number of premises registered at the end of the year was 61.

FOOD AND DRUGS ACT, 1955 (Section 16)

PRESERVED FOODS, ETC.

Under the above Act all premises used for the preparation or manufacture of sausages or potted, pressed, pickled or preserved meat, fish or other food intended for sale must be registered.

The number of premises registered at the end of the year was 97.

P R E V E N T I O N O F D A M A G E B Y P E S T S A C T , 1 9 4 9 .

During the year, as a result of complaints and continuous survey, 2237 premises were inspected. As a result 504 infestations were found and in course of treatment 4,839 visits were made by the Rodent Operator.

A free service for the destruction of Rats and Mice is given to occupiers of dwelling-houses, conditional on there being no contributory negligence. In all other cases the full cost of the work and materials is borne by the occupiers of the premises and in this connection the sum of £80. 3s. 6d. was recovered during the year.

S U M M A R Y O F V I S I T S M A D E F O R P U R P O S E O F S U R V E Y

Premises	Number of Visits	Rats Only Non-Poisonous Baits
Local Authority Premises	12	121
Houses	2164	1268
Factories	33	255
Food Premises	106	229
Shops (not Food)	57	68
Offices	18	91
Schools	10	48
Stables	3	8
Hen Runs	39	117
Slaughterhouses	7	40
Licensed Premises	19	42
Garages	76	119
Agricultural	20	88
Brooks and Waterways	27	280
Miscellaneous	11	55
TOTAL	2,602	2,829

SUMMARY OF VISITS FOR PURPOSES OF TREATMENT

Type of Premises	No. of Visits	Non-Poisonous Baits Rats Only		Poisonous Baits Rats		Mice		Estimated Kill Rats Only.
		Laid	Taken	Laid	Taken	Laid	Taken	
Local Authority	41	121	10	344	74	148	25	38
Houses	4046	1268	249	2429	719	1403	499	397
Factories	163	255	21	2950	566	285	39	276
Food Premises	210	229	19	562	101	373	130	52
Shops (not Food)	72	68	1	24	4	114	26	3
Offices	25	91	19	-	-	150	18	-
Schools	35	48	5	57	6	269	64	3
Piggeries	1	-	-	-	-	-	-	-
Stables	3	8	-	-	-	-	-	-
Hen Runs	43	117	-	16	6	-	-	3
Slaughterhouses	7	40	-	-	-	-	-	-
Licensed Premises	42	42	9	56	15	173	34	10
Garages	79	119	3	24	9	-	-	3
Waterways	27	280	22	-	-	-	-	-
Agriculture	20	88	-	-	-	-	-	-
Slum Clearance	1	2	1	-	-	-	-	-
Building Sites	7	-	-	77	20	-	-	10
Miscellaneous	17	54	3	65	20	-	-	10
TOTALS	4839	2830	362	6604	1540	2915	835	805

SEWER INFESTATION

The Ministry of Agriculture, Fisheries and Food procedure as to the methods of pre-baiting and poisoning is adhered to throughout this work. The disinfection of sewers comprises what is known as an initial treatment followed by maintenance of a similar kind at six-monthly intervals.

Two further maintenance treatments of sewers were undertaken and a comparative table of all treatments undertaken since the inception of this scheme in 1945 to date is given below:-

SEWER TREATMENT - RATS

Year	Treatment No.	No. of Manholes treated	Pre-Baiting (2 days)		Poison Baiting			Estimated Kill
			Taken	Not Taken	Good	Taken Small	Not Taken	
1945	1	834	107	727	68	38	728	1160
	2	834	31	803	10	22	802	280
1946	3	224	137	311	36	37	151	660
	4	224	135	313	27	35	162	593
1947	5	87	119	55	42	20	25	693
1948	6	98	99	87	24	27	48	500
	7	102	75	129	24	16	62	427
1949	8	106	14	91	30	22	54	520
	9	117	25	82	35	16	66	510
1950	10	94	48	46	14	34	46	930
	11	104	63	41	3	56	45	620
1951	12	64	49	15	4	38	22	420
	13	108	46	62	4	42	62	460
1952	14	106	64	42	1	64	41	222
	15	121	65	56	2	60	59	215
1953	16	109	53	56	-	50	59	208
	17	108	56	52	1	56	51	280
1954	18	100	70	31	-	68	32	109
	19	106	65	27	1	57	48	387
1955	20	101	74	25	2	46	53	480
	21	81	51	30	-	41	40	273
1956	22	96	54	42	-	52	44	260
	23	115	72	43	3	45	67	320
1957	24	111	81	30	2	70	39	740
	25	104	34	70	Baiting with Warfarin commenced.			
1958	26	101	78	23		do.	do.	
	27	106	35	71		do.	do.	
1959	28	110	26	84		do.	do.	
	29	118	38	80		do.	do.	

