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Contributors

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REPORT



of the

Medical Officer of Health

and the

Chief Public Health Inspector

1969



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BOROUGH OF LEIGH

REPORT

of the
MEDICAL OFFICER HEALTH

and the
CHIEF PUBLIC HEALTH INSPECTOR

for the year

1969



BOROUGH OF LEIGH

REPORT

of the

MEDICAL OFFICER HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

for the year

1963

HEALTH COMMITTEE

His Worship the Mayor, Councillor Albert Edward Lyon, J.P.

Chairman:

Councillor F. TAYLOR.

Deputy Chairman:

Councillor P. HULL.

Alderman E. Green, J.P.

" S. Jones, J.P.

Councillor D. M. Allen, B.Sc.

" H. Connell

" H. J. Davies

" E. Ellison, C.C.

" P. Fazackerley

" F. Gibson, J.P.

" D. P. Goodwin

" Mrs. M. Howcroft, J.P.

" F. McCaul

" A. Roberts

" J. Shuttleworth

HEALTH COMMITTEE

Mr. Wright, the Mayor, Chairman of the Board of Health, N.Y.

Chairman:

Councilman F. TAYLOR

Deputy Chairman:

Councilman F. HULL

Members: E. Green, N.Y.

" B. Jones, N.Y.

Councilman E. M. Allen, N.Y.

" E. Connel

" H. J. Butler

" E. Wilson, N.Y.

" F. Henshaw

" F. Green, N.Y.

" H. P. Goodwin

" Mrs. M. Henshaw, N.Y.

" F. McGinn

" A. Roberts

" A. Smithworth

S T A F F

Medical Officer of Health:

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

Deputy Medical Officer of Health:

JOHN S. WILLMAN, M.B., B.Ch., B.A.O., D.P.H.

(appointed 24.6.1969)

Chief Public Health Inspector:

HARRY CLUSKY

Deputy Chief Public Health Inspector:

ARTHUR L. HOPE

District Public Health Inspectors:

Clifford Pedder

James Arthur Parish

Kenneth David Birchall (appointed 17.2.1969)

Pupil Public Health Inspector:

John Mather

Technical Assistant (Smoke Control):

Brian Warburton

Clerical Staff

Chief Clerk:	Mrs. G. O'Neil
Clerk/Typist:	Mrs. E. W. Dutton
" "	Mrs. D. E. Leadbetter (resigned 4.5.1969)
" "	Miss M. Catterall (appointed 5.5.1969)

Disinfectors/Mortuary Attendants:

J. J. Kelly	(resigned 21. 3.1969)
A. Calland	(appointed 13.1.1969: resigned 3.10.1969)
G. List	(appointed 6.10.1969)

Rodent Operative

R. Pickering	(resigned 26. 9.1969)
R. Bailey	(appointed 20.10.1969)

STATE

Medical Officer of Health

ELLIS TAYLOR, M.D., D.S., D.P.H.

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JOHN E. WILKIN, M.B., B.S., D.P.H.

(appointed 10.6.1903)

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HARRY CLURKE

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Deputy Chief Public Health Inspector

ARTHUR J. HOPKINS

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Chief Public Health Inspector

WILLIAM PATER

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Deputy Chief Public Health Inspector

Chief Public Health Inspector

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John Wilkin

Technical Assistant (Public Health)

John Wilkin

Medical Staff

Mr. D. O'Hall

Chief Officer

Mr. E. M. Dutton

Chief Officer

Mr. E. M. Dutton (resigned 4.2.1903)

" "

Mr. M. Dutton (appointed 2.2.1903)

" "

Public Health Inspector

A. J. Hall (resigned 11.2.1903)

A. Hall (appointed 12.1.1903; resigned 2.10.1903)

A. Hall (appointed 4.10.1903)

Public Health Inspector

A. Hall (resigned 10.2.1903)

A. Hall (appointed 10.10.1903)

Public Health Department,

Tram Hall,

22.1.38.

SECTION "A"

To the Chairman and Members of the Health Committee,

I have the honor to present for your information and consideration the Annual Report on the Health of the Borough of Leeds for the year 1937.

The general **STATISTICAL AND SOCIAL** population as estimated by the Registrar General, based on a survey of 1936. The report also again presents the national rate in order of those being 15 years higher than last year. The percentage of the population was the national figure, which was 10.1 per cent of the population.

CONDITIONS OF THE AREA

There were no unusual factors. The overall picture of the nature of health remains relatively stable with certain points.

The incidence and severity of the communicable diseases was almost entirely unaltered when compared with the previous year. The most general assessment of the various conditions being made in the present study. The most and most of health would appear to be the incidence of communicable diseases including protection against the most serious diseases (e.g. diphtheria, typhoid, cholera) in their prevention, will be always of the date of their appearance.

My I take this opportunity of expressing thanks to you, Mr. Chairman, and all Members of the Health Committee for their constant interest in the Department, and to the members of the staff and my colleagues in the Tram Hall for their ever-ready help and cooperation.

Yours faithfully,

A. H. H. H.

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Page 24

THE STATE OF TEXAS AND THE NATIONAL GUARDIAN OF THE STATE

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Public Health Department,
Town Hall,
L E I C H.

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 1969.

The general health in the Borough remained satisfactory. The population as estimated by the Registrar General declined by a further 80 to 46,200. The birth rate again exceeded the national rate in spite of there being 55 fewer births than last year. The perinatal rate was only fractionally above the national figure, which must be a cause of satisfaction.

There were no maternal deaths. The overall pattern of the causes of death compared similarly with previous years.

The incidence and severity of the communicable diseases was almost trivial compared with two or three decades ago. Even so, the more general acceptance of the vaccines available today would improve on the present state. The ease and speed of holiday travel serves to emphasise the desirability of holidaymakers including protection against the more exotic diseases (e.g. smallpox, typhoid, cholera) in their preparations, well in advance of the date of their departure.

May I take 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 faithfully,

E. TAYLOR

Public Health Department,
Town Hall,
L. R. 100.

To the Chairman and Members of the Health Committee,

I have the honor to present for your information and consideration the annual report on the health of the Borough of Leigh for the year 1969.

The general health in the Borough remained satisfactory. The population as estimated by the Registrar General declined by a further 50 to 46,500. The birth rate again exceeded the national rate in spite of there being 52 fewer births than last year. The postnatal rate was only fractionally above the national figure, which must be a cause of satisfaction.

There were no natural deaths. The overall pattern of the causes of death remained similar to previous years.

The incidence and severity of the communicable diseases was almost trivial compared with two or three decades ago. Even so, the more general acceptance of the vaccines available today would improve on the present state. The same may be said of holiday travel never to neglect the desirability of vaccinations including protection against the more serious diseases (e.g. measles, typhoid, cholera) in their preparation, well in advance of the date of their departure.

My I take 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 faithfully,

A. TAYLOR

VITAL STATISTICS

The following is a summary of the principal statistics for the year 1969:-

	<u>Leigh</u>	<u>England & Wales</u>
Population (Estimate mid 1969)	46,200	48,826,800
Number of deaths (corrected)	603	579,463
Death Rate (per 1,000 population) (corrected)	15.1	11.9
Number of Live Births registered (corrected)	796	797,542
Number of Illegitimate Births	43	67,042
Percentage of Illegitimate Live Births	5.40	8
Live Birth Rate (per 1,000 population) (adjusted)	18.9	16.3
Number of Stillbirths (corrected)	11	10,662
Still Birth Rate per 1,000 total (live and still) births	13.63	13
Number of Infant Deaths	19	14,397
Infant Mortality Rate per 1,000 live births	23.87	18
Infant Mortality Rate per 1,000 legitimate births	23.90	17
Infant Mortality Rate per 1,000 illegitimate births	23.25	25
Neo-Natal Mortality Rate (first four weeks) per 1,000 related live births	12.56	12
Early Neo-Natal Mortality Rate per 1,000 related live births	10.05	10
Peri-Natal Mortality Rate per 1,000 total births	23.54	23
Maternal Deaths (including abortion)	Nil	154
Maternal Mortality Rate (including abortion) per 1,000 total births	Nil	0.19
Number of Deaths from all forms of Tuberculosis	4	1,840
Death Rate per 1,000 population from all forms of Tuberculosis	0.08	0.036
Number of Deaths from Neoplasms - Lung Bronchus	23	29,763
Death Rate per 1,000 population from Neoplasms - Lung Bronchus	0.49	0.61
Number of Marriages solemnised	380	-

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 employing industries are coal mining, cotton and artificial fibre weaving, electric cable manufacture, electrical products, rope making, sheet metal working, agriculture, general engineering, foam rubber products and garment making, with some farming on mossland on the southerly boundary of the Borough.

Area in acres		6,359
Population	(Census 1951)	48,728
Population	(Census 1961)	46,174
Estimated population	(Mid-year Estimate 1969)	46,200
Number of inhabited houses, and of 1969 according to Rate Books		16,230
Rateable Value		£ 1,480,433
Sum represented by Penny Rate		£ 5,775

TABLE SHOWING CLASSIFICATION OF CAUSES
OF DEATHS FOR THE YEAR 1969

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Enteritis and Other Diarrhoeal Diseases	-	1	1
Tuberculosis of Respiratory System	2	2	4
Malignant Neoplasm - Oesophagus	2	5	7
" " - Stomach	5	4	9
" " - Intestine	7	15	22
" " - Larynx	1	1	2
" " - Lung, Bronchus	22	1	23
" " - Breast	-	12	12
" " - Uterus	-	6	6
" " - Prostate	3	-	3
Leukaemia	3	3	6
Other Malignant Neoplasms	11	9	20
Benign and Unspecified Neoplasms	2	1	3
Diabetes Mellitus	2	5	7
Other Endocrine Etc. Diseases	-	1	1
Anaemias	1	3	4
Mental Disorders	1	1	2
Other Diseases of Nervous System, Etc.	2	4	6
Chronic Rheumatic Heart Disease	5	5	10
Hypertensive Disease	4	5	9
Ischaemic Heart Disease	92	59	151
Other Forms of Heart Disease	18	36	54
Cerebrovascular Disease	23	51	74
Other Diseases of Circulatory System	5	9	14
Influenza	1	3	4
Pneumonia	21	17	38
Bronchitis and Emphysema	19	6	25
Other Diseases of Respiratory System	8	3	11
Peptic Ulcer	4	-	4
Intestinal Obstruction and Hernia	2	1	3
Cirrhosis of Liver	1	1	2
Other Diseases of Digestive System	3	2	5
Nephritis and Nephrosis	2	4	6
Hyperplasia of Prostate	2	-	2
Other Diseases, Genito-Urinary System	3	1	4
Diseases of Musculo-Skeletal System	-	1	1
Congenital Anomalies	3	1	4
Birth Injury, Difficult Labour, Etc.	5	1	6
Other Causes of Perinatal Mortality	-	2	2
Symptoms and All Defined Conditions	1	5	6
Motor Vehicle Accidents	6	-	6
All Other Accidents	7	6	13
Suicide and Self-Inflicted Injuries	6	3	9
All Other External Causes	1	1	2
	<u>306</u>	<u>297</u>	<u>603</u>

STATISTICS FOR 1968, 1969 AND THE PERIOD 1964 - 1968

BOROUGH OF LEIGH	Per 1,000 Estimated Population			Mortality Rate	
	Live Birth Rate	Crude Death Rate	Death Rate from Pulmonary Tuberculosis	Maternal	Infants
				Rate per 1,000 Total Births	Rate per 1,000 Live Births
Mean of 5 years (1964 - 1968)	18.1	13.1	0.05	N11	20.2
Year 1968	18.4	12.8	0.06	N11	15.3
Year 1969	17.2	13.1	0.08	N11	23.9
Increase or decrease in 1969 on 5 years average (1964-1968)	- 0.9	N11	+ 0.03	N11	+ 3.7
Increase or decrease in 1969 on 1968	- 1.2	+ 0.3	+ 0.02	N11	+ 8.6

BIRTH RATE

The total number of registered live births assignable to the Borough of Leigh for the year 1969 was 796 compared with 851 the previous year. The corresponding crude Birth Rate for the two years respectively is 17.2 and 18.4 per 1,000 estimated population.

The crude death rate is 13.1 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 15.1 per 1,000 estimated population for the Borough of Leigh.

The following table gives the Birth and Death Rates per 1,000 estimated population for Leigh and England and Wales during the last 25 years.

Year	Birth Rates (Adjusted)		Death Rates	
	Leigh	England & Wales	Leigh	England & Wales
1945	18.8	16.1	12.5	11.5
6	20.4	19.1	11.5	11.4
7	22.2	20.5	12.7	12.0
8	17.9	17.9	11.3	10.8
9	17.4	16.7	12.4	11.7
1950	16.5	15.8	11.8	11.6
1	14.7	15.5	12.7	12.5
2	13.9	15.3	11.7	11.3
3	15.1	15.5	10.2	11.4
4	14.9	15.2	11.8	11.3
5	14.4	15.0	14.5	11.7
6	15.0	15.7	15.3	11.7
7	15.4	16.1	15.3	11.5
8	16.1	16.4	14.0	11.7
9	15.9	16.5	16.4	11.6
1960	15.7	17.1	14.6	11.5
1	16.6	17.4	16.8	12.0
2	17.1	18.0	16.1	11.9
3	19.1	18.2	14.4	12.2
4	20.1	18.4	14.0	11.3
5	19.7	18.1	15.0	11.5
6	19.8	17.7	14.7	11.7
7	19.9	17.2	16.2	11.2
8	20.2	16.9	14.7	11.9
9	18.9	16.3	15.1	11.9

STILL BIRTH RATE

The total number of registered still births assignable to the Borough during the year was 11 compared with 15 the previous year, giving rates for the two years of 0.24 and 0.32 respectively per 1,000 estimated population. The still birth rate for England and Wales during the period was 0.22

**BIRTH RATES AND DEATH RATES, ANALYSIS OF
MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS
DISEASES FOR THE YEAR 1969.**

	Rates per 1,000 Home Population	
	England & Wales	Leigh
BIRTHS:-		
Live Births	16.3	17.23
Still Births	0.22	0.24
DEATHS:-		
All Causes	11.9	13.05
Tuberculosis - All forms	0.036	0.086
" - Respiratory	0.022	0.086
" - Other	0.015	0.000
Cancer - All forms	2.35	2.36
" - Lung & Bronchus	0.61	0.49
" - Other Cancer	1.74	1.89
Maternal Mortality	0.19(b)	0.00
Infant Mortality	18.0 (b)	23.87(b)
Neo-Natal Mortality	13.0 (b)	12.56(b)
Perinatal Mortality	24.0 (a)	23.54(a)
Early Neo-Natal Mortality	10.0 (b)	10.05(b)
NOTIFICATIONS:-		
Typhoid Fever	0.003	N11
Paratyphoid Fever	0.004	N11
Scarlet Fever	0.329	0.45
Whooping Cough	0.102	0.15
Diphtheria	0.000	N11
Smallpox	N11	N11
Measles	2.909	5.00
Acute Poliomyelitis - Paralytic	0.000	N11
" " - Non-Paralytic	0.000	N11
Acute Encephalitis - Infective	0.003	N11
" " - Post Infectious	0.002	N11
Dysentery	0.453	0.04
Food Poisoning	0.151	N11
Tuberculosis - Respiratory	0.196	0.35
" - Meninges & C.N.S.	0.002	N11
" - Other	0.049	0.04
Anthrax	0.000	N11
Infective Jaundice	0.483	0.50
Acute Meningitis	0.025	N11
Tetanus	0.000	N11
Leptospirosis	0.001	N11

(a) Per 1,000 total live and still births

(b) Per 1,000 live births

INCIDENCE AND MORTALITY OF TUBERCULOSIS 1969

AGE PERIODS	Cases Notified				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1	-	-	-	-	-	-	-	-
1 - 4 years	-	-	-	-	-	-	-	-
5 - 9 "	-	-	-	-	-	-	-	-
10 - 14 "	-	1	-	-	-	-	-	-
15 - 24 "	4	2	-	-	-	-	-	-
25 - 34 "	-	-	-	-	-	-	-	-
35 - 44 "	2	-	-	-	1	-	-	-
45 - 54 "	2	2	-	-	-	2	-	-
55 - 64 "	-	-	2	-	1	-	-	-
65 and upwards	3	-	-	-	-	-	-	-
TOTALS	11	5	2	-	2	2	-	-
	16		2		4		-	

INCIDENCE AND MORTALITY OF TUBERCULOSIS

1952 - 1969

	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Notified Cases:																		
(a) Pulmonary	26	28	18	19	24	24	28	20	15	22	25	8	11	17	22	9	18	16
(b) Non-Pulmonary	4	3	5	1	3	3	3	2	1	1	2	2	-	2	-	2	-	2
Deaths:																		
(a) Pulmonary	8	7	11	5	5	2	7	6	2	1	3	1	3	1	2	4	3	4
(b) Non-Pulmonary	2	1	-	-	-	-	-	-	-	1	-	1	-	-	1	-	1	-

SUMMARY OF THE INCIDENCE OF THE PRINCIPAL NOTIFIABLE DISEASES

OTHER THAN TUBERCULOSIS, 1959 - 1969

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Scarlet Fever	38	17	8	6	5	8	21	83	14	22	21
Diphtheria	-	-	-	-	-	-	-	-	-	-	-
Measles	90	1,311	130	21	564	521	154	609	64	370	231
Whooping Cough	31	16	6	3	19	-	-	10	26	12	7
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-	-
Dysentery	113	187	9	4	-	11	-	1	-	7	2
Acute Poliomyelitis	8	-	1	-	-	-	-	-	-	-	-
Food Poisoning	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	2	-	-	-	-	-	-	-	-	-	-
Arthritis	-	-	-	-	-	1	-	-	-	-	-
Infective Jaundice	-	-	-	-	-	-	-	-	-	10	23
TOTALS	282	1,531	154	34	588	541	175	703	104	421	284

INCIDENCE OF NOTIFIABLE DISEASES (other than Tuberculosis) 1962

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	M	F	
7	9	15	15	21	18	21	20	21	22	28	33	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	113	118
-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
-	-	1	-	1	-	1	-	1	6	3	4	1	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-	16	5	
-	-	-	1	1	-	2	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	
-	-	-	-	-	-	1	-	1	-	1	6	5	4	3	1	-	1	-	-	-	-	1	-	-	-	-	-	12	11	
7	9	17	16	24	18	25	21	27	26	39	40	6	3	1	-	1	3	-	-	-	-	1	-	-	-	-	-	147	137	
TOTALS																														

GENERAL PROVISIONS OF THE HEALTH SERVICES
IN THE BOROUGH

AMENDMENT SERVICE

SECTION "B"

GENERAL PROVISIONS

OF THE

HEALTH SERVICES

IN THE

BOROUGH

CLINICS (Continued)

9. **OPHTHALMIC:**
College Street Clinic, Leigh By appointment
10. **ORTHOPAEDIC:**
Elliott Street Clinic, Tyldesley By appointment
11. **SPEECH THERAPY:**
College Street Clinic, Leigh By appointment
12. **CHIROPODY:**
College Street Clinic, Leigh By appointment
13. **BAY NURSERY:**
Leigh No. 1 Stonehouse, St. Helens Road, Leigh (Closed 24.12.1969)
Leigh No. 2 Cavendish Street, Leigh
14. **TUBERCULOSIS:**
Chest Clinic, Leigh Infirmary, Leigh
15. **VENEREAL DISEASES:**
(1) LEIGH INFIRMARY
Males and Females: Monday 9.30 a.m. - 10.30 a.m.
(11) CIVIC CENTRE, BOLTON
Males and Females:
Monday 9.30 a.m. - 12 noon : 4.00 p.m. - 7.00 p.m.
Tuesday & Thursday 9.00 a.m. - 12 noon
Wednesday 9.30 a.m. - 12 noon : 6.00 p.m. - 7.00 p.m.
Friday 9.30 a.m. - 12 noon : 2.00 p.m. - 7.00 p.m.
Saturday 9.00 a.m. - 11.00 a.m.
(111) ROYAL ALBERT EDWARD INFIRMARY, WIGAN
Females - Wednesday 2.00 p.m. - 6.00 p.m.
Males - Friday 2.00 p.m. - 6.00 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

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 are provided in the area by the Lancashire County Council.

HOSPITALS.

1. GENERAL

Leigh Infirmary
Astley Hospital, Astley.
Atherleigh Hospital

2. INFECTIOUS DISEASE

Whalley Hospital, Wigan.
Hulton Lane, Bolton.
Monsall Hospital, Manchester.

3. MATERNITY

Billinge Hospital, Billinge, Nr. Wigan.
Bolton District General Hospital.

LABORATORY FACILITIES.

Laboratories at Leigh, Wigan and Bolton Infirmaries and the Regional Laboratories of the Public Health Laboratory Service at Withington Hospital, Manchester and at Preston.

MATERNITY HOMES.

The Firs, Leigh.

MIDWIFERY SERVICE.

Domiciliary midwives employed in the area by the Lancashire County Council.

MORAL WELFARE WORK.

Local Worker:-

Council for Moral Welfare,
186, Chapel Street,
Leigh.

Tel: Leigh 71061

NURSING HOMES.

None in the district.

UNMARRIED MOTHERS AND ILLEGITIMATE CHILDREN

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

WELFARE SERVICES

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

Residential accommodation at Atherleigh Grange and Hourigan House, Leigh etc.

X-RAY FACILITIES

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

PREVENTION OF AND CONTROL OVER INFECTIONS
AND OTHER DISEASES

DIPHTHERIA

No cases were notified.

The need to continue the immunization campaign against the disease, however, remains the most necessary pre-requisite for controlling the disease.

SECTION "C"
No cases were notified.

No cases were notified.

PREVENTION OF AND CONTROL

No cases were notified.

OVER INFECTIONS AND

OTHER DISEASES

No cases were notified.

MEASLES

No cases were notified. All proved to be fairly mild and uncomplicated.

MEASLES

No cases were notified.

PARATYPHOID FEVER

No cases were notified.

POLIO

No cases were notified.

SCARLET FEVER

No cases were notified.

SHALLICE (TYPHOID)

No cases were notified.

PREVENTION OF AND CONTROL OVER INFECTIOUS
AND OTHER DISEASES.

DIPHTHERIA

No cases were notified.

The need to continue the immunisation campaign against the disease, however, remains the most necessary pre-requisite for continued freedom.

DYSENTERY

Forty-one cases were notified, but only 2 were confirmed.

221 faecal specimens were submitted for examination, 75 of which were confirmed as infected.

ENCEPHALITIS

No cases were notified.

FOOD POISONING

Eighty-two cases were notified, but none was confirmed.

INFECTIVE JAUNDICE

23 cases were notified.

MEASLES

231 cases were notified. All proved to be fairly mild and complications were minimal.

MENINGOCOCCAL INFECTION

No cases were notified.

PARATYPHOID FEVER

No cases were notified.

POLIOMYELITIS

No cases were notified.

SCARLET FEVER

21 cases were notified.

SMALLPOX (VARIOLA)

No cases were notified.

TUBERCULOSIS

During the year 16 cases of pulmonary and 2 of non-pulmonary infection were notified, compared with 18 and none respectively in the previous year.

TYPHOID FEVER

No cases were notified.

WHOOPING COUGH

7 cases were notified.

ANTHRAX

No cases were notified.

RECEIVED FROM THE DIRECTOR
GENERAL INVESTIGATIVE DIVISION

RECEIVED

Letter was sent to

Personnel, including the following, who were notified of the fact that the following information was being furnished to the Bureau:

During the year 1946, at least 10 persons were notified of the fact that the following information was being furnished to the Bureau:

RECEIVED FROM THE DIRECTOR
GENERAL INVESTIGATIVE DIVISION

Letter was sent to

RECEIVED

RECEIVED FROM THE DIRECTOR
GENERAL INVESTIGATIVE DIVISION

Letter was sent to

Personnel were notified.

RECEIVED

RECEIVED

Personnel were notified of the fact that the following information was being furnished to the Bureau:

Letter was sent to

RECEIVED

Letter was sent to

RECEIVED

Personnel were notified of the fact that the following information was being furnished to the Bureau:

RECEIVED FROM THE DIRECTOR
GENERAL INVESTIGATIVE DIVISION

Letter was sent to

RECEIVED

Letter was sent to

RECEIVED

Letter was sent to

RECEIVED

Letter was sent to

RECEIVED

Letter was sent to

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CHIEF PUBLIC HEALTH INSPECTOR

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OF THE AREA

SECTION TWO

REPORT BY THE

CHIEF PUBLIC HEALTH INSPECTOR

OF THE

LABORATORY CIRCUMSTANCES

OF THE AREA

GENERAL SANITARY ADMINISTRATION

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GENERAL SANITARY ADMINISTRATION.

COMPLAINTS AND ENQUIRIES

1,169 complaints and 1,558 enquiries were received in the office. These are classified in the following table:

COMPLAINTS

Defective Drains	33
" Closets	59
" Windowframes	10
" Doors	6
" Eavesgutters	18
" House Roofs	7
" Floors	2
" Wall and ceiling plaster	11
" Fireplaces	3
" Chimneys	9
Dampness due to various causes	36
Water Supply	17
Noise	6
Overcrowding	5
Vermineous Houses	67
Rain Penetration	19
Rats and Mice	696
Miscellaneous	163
TOTAL	1,167

CLASSIFICATION OF ENQUIRIES MADE IN THE OFFICES OF THE DEPARTMENT

	<u>1967</u>	<u>1968</u>	<u>1969</u>
Certification of Vaccination Certificates	310	241	246
Enquiries regarding complaints previously made	22	33	88
" " slum clearance	124	184	440
" " blocked drains	54	68	39
" " Vermin	-	-	67
" " Food Hygiene Regulations	33	18	-
" " Overcrowding	7	4	1
" " Licences	10	7	5
" " Dustbins	10	1	-
" " Clean Air Act	450	76	137
" " Offices, Shops & Railway Premises Act	9	-	3
Water Supply	53	57	34
Miscellaneous	532	453	498
TOTAL	1,614	1,142	1,558

SUMMARY OF VISITS BY THE PUBLIC HEALTH INSPECTORS

	Inspection	Re-inspections	Total	Defaults found	Defaults remedied
DWELLINGHOUSES:-					
Public Health Act	458	1,830	2,288	497	323
Housing Acts	177	42	219	-	-
Overcrowding	7	1	8	-	-
Improvement Grants	241	-	241	-	-
Houses - Verminous	76	32	108	7	5
" - Non-Verminous	3	-	3	-	-
Houses Let in Lodgings	1	1	2	-	-
GENERAL SANITATION:-					
Tents, Vans & Sheds	1	3	4	-	-
Places of Entertainment	2	-	2	-	-
Streets, Passages, Footpaths	5	4	9	5	2
Scrap Metal Dealers	1	1	2	-	-
Infectious Diseases	118	43	161	-	-
Markets	8	1	9	-	-
Premises - Animals Kept	2	2	4	1	-
Prevention of Damage by Pests Act	48	54	102	10	4
Public Conveniences	3	3	6	2	-
Farms	6	-	6	-	-
Tips	1	-	1	2	-
Drain Testing - Buildings	1	-	1	-	-
Pet Animals Act	2	2	4	-	-
Clean Air Act	3,500	22	3,522	27	13
Animal Boarding Establishments	4	3	7	2	2
Hairdressers' Byelaws	5	3	8	5	5
Offices, Shops & Railway Premises Act	48	61	109	91	17
Noise Abatement Act	7	2	9	5	5
Shops Act	27	1	28	-	-
Miscellaneous	781	257	1,038	20	16
FACTORIES ACT:-					
Mechanical Power	115	-	115	-	-
Non-Mechanical Power	4	-	4	-	-
FOOD PREMISES:-					
Bakehouses	31	20	51	66	21
Canteens	31	14	45	22	29
Cafes and Restaurants	69	40	109	37	23
Dairies and Milkshops	3	4	7	1	2
Grocers Shops	65	33	98	100	40
Butchers Shops	37	31	68	63	16
Slaughterhouse	407	-	407	-	-
Greengrocers	6	5	11	8	5
Fish Friers	12	9	21	6	8
Wet Fish Shops	9	4	13	10	-
Confectionery Shops	40	14	54	7	12
Food Warehouses	8	2	10	-	-
Licensed Premises	19	29	48	69	27
Hawkers	9	22	31	10	14
Ice Cream Shops and Vehicles	23	25	48	10	7
Miscellaneous	28	3	31	9	10
TOTALS	6,449	2,623	9,072	1,092	606

INFECTIOUS DISEASES - INVESTIGATION AND DISINFESTION.

118 visits of investigation and 43 re-visits were paid to premises where infectious diseases had occurred.

DISINFESTATION.

108 visits were made by the Public Health Inspectors in the course of investigation of verminous premises.

A total of 87 premises were treated by the Disinfestation Staff as follows:-

Houses	62
Business Premises	25

The Department provides a service which is available to the public and industrial undertakings both for treatment and advice on any infestation problem. For this work £197. 2s. 9d. was re-charged during the year.

TESTING OF DRAINAGE SYSTEMS.

1 visit was paid for the purpose of testing and inspecting existing drainage systems during the year.

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

CLOSET ACCOMMODATION.

Number of fresh water closets	18,848
Number of pail closets	12
Privy middens	3

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

SEWAGE DISPOSAL.

There have been no significant changes in the method of treatment employed at the sewage works during 1969.

The actual volume of sewage treated during the year was:-

Full treatment	1,868,000,000 gallons
Partial treatment	269,000,000 gallons

CANAL BOATS.

There were no new registrations of Canal Boats during the year, nor were any inspected. Of recent years few, if any, boats discharge or pick up cargo in the Borough.

OFFENSIVE TRADES.

There are no Offensive Trades operating in the Borough.

COMMON LODGING HOUSES.

There are no common lodging houses within the Borough.

OVERCROWDING.

During the year 7 cases of overcrowding were investigated, but none was confirmed.

PET ANIMALS ACT, 1951.

Seven licences to keep Pet Shops have been issued during the year.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963.

Two licences authorising the keeping of a Boarding Establishment for animals were issued during the year.

PUBLIC BATHS.

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

Eighty-four samples of swimming bath water were submitted to the Public Health Laboratory for examination, all of which were reported upon satisfactorily. When samples are found to be unsatisfactory the action of the Baths Manager is immediately drawn to the position and remedial action taken, after which further samples are submitted.

TENTS, VANS AND SHEDS.

There is one licensed caravan site in the Borough containing one caravan. 4 visits were paid to itinerant caravans which were parked for varying periods before moving.

RIDING ESTABLISHMENTS ACT, 1964.

This Act, which came into operation on the 1st April, 1965, prohibits the keeping of a riding establishment except under the authority of a licence. One licence was issued during the year.

SCRAP METAL DEALERS' ACT, 1964.

This Act provides for the registration and control of scrap metal dealers and came into operation on the 1st April, 1965 being renewable every third year. Every local authority is required to maintain a register of persons carrying on business in their area as scrap metal dealers. During the year 1 firm was registered.

The total number of registrations at the end of the year is 4 Dealers and 14 Itinerant Collectors. These latter are exempt from the requirements of Section 2 of the Act regarding the keeping of records books. Close co-operation is maintained with the Police regarding the registrations.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

No registrations have been made. There are no premises manufacturing rag flock in the Borough.

MORTUARY.

The Public Mortuary is controlled and staffed by the Department.

During the year 94 bodies were received, of these 47 were from adjoining districts.

Reason for Admission	1965	1966	1967	1968	1969
Accidents	5	4	3	3	-
Suicide	7	2	2	1	5
Natural Causes	49	77	47	54	82
Misadventure	-	-	2	1	-
Open Verdict	1	-	2	-	3
Industrial Causes	6	2	-	-	4
Out of District	48	32	34	32	47

REFUSE COLLECTION.

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

Number of movable ashbins	19,350	(approx.)
Number of ashbins emptied	948,150	(approx.)
Refuse delivered to tip	21,200 tons	(approx.)

NOISE ABATEMENT ACT, 1960

6 Complaints under this heading were received and investigated this year as against 5 last year.

1) Industrial complaints

Noise caused through the banging of crates and bottles during the early hours of the morning at a dairy (which is in a built-up area) gave rise to considerable nuisance to the tenants in the houses round about. The Management were informed and co-operation in abating the nuisance was promised.

A recurring complaint was received of noise caused by exhaust steam from a colliery engine operating the winding gear. The only way to eliminate the noise would be by electric drives, the cost of which would be so prohibitive that it could well mean the closure of the colliery. The Chief Engineer states that, whilst there is no pretence of eliminating the noise altogether, he was satisfied that the extent of such noise had been reduced to a reasonable and tolerable level. The department continues to keep a close liaison with the colliery management on this problem.

People from the surrounding houses complained of noise from the extractor fans at a local mill, but on investigation the amount of noise being created was not a nuisance. This also is not a new complaint.

2) Road Drills and Compressors

Work being carried out for and on behalf of public utilities, i.e. Gas Board, Water Board and an adjoining urban district council has given rise to noise nuisances caused by the non-use of baffles or hoods. When approached the various managements, aware of nuisance created, have promised to take steps to remedy this.

3) Domestic

One complaint was received of noise from an adjoining house, in particular singing, shouting and furniture moving, until the early hours of the morning. The complainant was advised to seek legal aid.

HAIRDRESSERS' AND BARBERS' ESTABLISHMENTS

Byelaws made under Section 77 of the Public Health Act, 1961 with regard to hairdressers' and barbers' establishments came into force in the Borough on the 1st October, 1962, and 8 visits were made to such establishments during the year.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

This Act, the main provisions of which came into force on the 1st August, 1964, makes provision for securing the health, safety and welfare of persons employed to work in offices, shops and certain railway premises.

The number of premises on the register shows only an increase of 1 over the previous year. Although new registrations totalled 33 (an increase of 3 over 1963) 32 closures of premises reduced the overall increase to 1.

The following table gives the Registrations and General Inspections during the year:-

Class of Premises (1)	Number of premises newly registered during the year (2)	Total number of registered premises at end of year (3)	No. of registered premises receiving one or more general inspections during the year (4)
Offices	15	144	2
Retail Shops	15	302	24
Wholesale Shops, warehouses	2	26	4
Catering establishments open to the public, canteens	1	36	4
Fuel storage depots	-	1	-
TOTALS	33	509	34

The relationship between ourselves and Her Majesty's Inspector continues to be most cordial.

The number of new registrations during the year has been comparatively few. Many of these new registrations are no doubt due to my staff carrying out general inspections and requesting on the spot that registration be effected, whilst at the same time leaving Form O.S.R.1. to be completed and returned.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963 (Continued)

The tabulation below shows, under the appropriate section of the Act, contraventions to which the attention of the occupiers has been directed, and the results of such action:-

Section	Requirement	No. of Infringements Found	No. of Infringements Remedied
4	Cleanliness	5	1
6	Temperature	10	2
7	Ventilation	5	1
8	Lighting	4	1
9	Sanitary Conveniences	3	2
10	Washing Facilities	12	2
12	Accommodation for Clothing	9	1
13	Sitting Facilities	1	-
14	Seats for Sedentary Workers	1	-
16	Floors, Passages and Stairs	8	-
24	First Aid Provisions	15	4
50	Abstract of the Act	18	3
TOTALS		91	17

Each week all new plans submitted to the Borough Engineer and Surveyor for approval are available for scrutiny, so that any problems may be resolved satisfactorily before site work commences, particularly in connection with new structures, and I have found that this results in ready co-operation from architects and firms alike.

This scrutiny of plans, coupled with recommendations made at the time, has I feel, had a great effect on reducing the numbers of contraventions to something approximately 60 - 100 per year. Approximately 50% of these are accounted for by contraventions of Sections 6, 10, 24 and 50, which are in most cases easily capable of rectification.

No applications for exemptions under Section (46) of the Act were received during the year.

Accidents notified on OSR.2. totalled 7, none of which was of a serious nature. Each report, with the exception of 1, was investigated, none being found to be due to the failure of the employer to ensure safety precautions. The number reported is once more less than the previous year, which would again appear to confirm my feeling that many employers are losing interest and that accidents are not being notified as they should be.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963 (Continued)

The table below shows the causation and classification of the reported accidents:-

Cause	Code No.	Offices	Retail Shops	Wholesale Shops or Warehouses	Catering	Fuel Storage Depots
6. Falls of Persons	51/54	-	2	1	-	-
8. Handling goods	62	-	3	-	-	-
9. Struck by falling object	63	-	1	-	-	-

The following premises were registered at the end of the year:-

Class of Premises	No.	No. of persons employed
Offices	144	1,137
Retail Shops	302	1,262
Wholesale Shops/Warehouses	26	210
Catering Establishments and Canteens	36	283
Fuel Storage Depots	1	1
TOTALS	509	2,893

WATER SUPPLY.

The Matherfield Water Board is the statutory Water Undertaking for the Borough.

The supply is taken in bulk from the Rivington Aqueduct of the Liverpool Corporation, the Thirlmere Aqueduct of the Manchester Corporation and the Lightshaw Works of the Matherfield Water Board.

The character of the waters from the Rivington and Thirlmere Aqueducts is pre-dominantly upland surface, whilst that from the Lightshaw Works is wholly of deep well origin.

Details of treatment of the various waters by the Board are as follows:-

Water derived from Liverpool Aqueduct:	Chlorination
Water purchased from Manchester Corporation:	No treatment by the Board
Water supplied from Lightshaw Treatment Plant:	Aeration, lime softening, filtration, pH correction, superchlorination and dechlorination.

There has been no significant change in the character of the water supplied during the year.

Samples of Town's Mains water are submitted to the Public Health Laboratory for bacteriological examination each week. During the year 88 samples were examined, of these 4 showed some slight contamination, none being of a serious nature. A subsequent flushing of the mains in the vicinity of the point where the unsatisfactory sample was taken proved sufficient, in each case, to rectify the position.

Two samples were submitted for chemical analysis, with the following results (expressed in parts per million):-

	<u>No. 1</u>	<u>No. 2</u>
Oxygen absorbed from permanganate in 15 mins.	N11	0.08
Oxygen absorbed from permanganate in 3 hrs.	N11	0.28
Ammonia	N11	0.01
Albuminoid Ammonia	N11	0.01
Nitrogen as Nitrates	1.29	0.3
Nitrogen as Nitrites	N11	N11
Combined Chlorine	27	14
Lead	N11	N11
Zinc	N11	N11
Copper	N11	N11
Total Iron	0.03	0.03
pH. value	7.9	8.3
Total solids in solution	296	80
Free Chlorine	0.11	0.03
Carbonate Hardness (as Ca CO ₃)	137	14
Calcium Hardness (as Ca CO ₃)	118	30
Total Hardness (as Ca CO ₃)	204	60
Apparent Colour, Hazen Units	Colourless	4

Twelve samples were also submitted for estimation of hardness with the following results:-

of the virus in the vicinity of the point where the amniotic cavity was taken proved a showed some slight contamination, none being of a serious nature. A subsequent flushing postoperative examination each week. During the year 55 samples were obtained of those samples of Town's Virus which are submitted to the Public Health Laboratory for

Number of houses supplied by standpipe	1
--	---

Number of houses with private supply 7

(These are premises beyond the point of supply by mains)

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FACTORIES ACT, 1961.

Number of Factories on the Register at the end of the year **172**

<u>CLASSIFICATION</u>	
Bakohouses	13
Boot and Shoe Repairers	5
Brick Makers	3
Brush, Skip and Hamper Makers	1
Builders, Builders Merchants and Stonemasons	29
Cable Makers	2
Coach Builders	2
Cotton and Rayon Textile Manufacturers	12
Engineers and Iron Founders	7
Funeral Directors and Coffin Makers	1
Joiners and Cabinet Makers	14
Launderers and Dry Cleaners	5
Maltsters and Bottlers	3
Mineral Water Manufacturers	1
Motor Vehicle Repairers	19
Paint Manufacturers	1
Printers	5
Radio and T.V. Repairers	4
Rope Works	1
Scrap Metal Dealers	4
Sheet Metal Workers and Welders	6
Slaughterhouse	1
Tailors and Overall Makers	8
Toffee Works	2
Wire Works	1
Others	22
TOTAL	172

The following tables give particulars of the inspections during the year under Part I of the Factories Act, 1961, and an analysis of the defects which were found, with particulars of the action taken.

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	5	4	-	-
Factories not included in (1) in which Section 7 is enforced by Local Authority	147	112	5	-
Other Premises in which Section 7 is enforced by Local Authority (excluding outworks premises)	20	3	-	-
TOTALS	172	119	5	-

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	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	1
Inadequate ventilation	1	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences:-					
(a) Insufficient	1	-	-	-	-
(b) Unsuitable or defective	23	29	-	1	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	3	3	-	-	-
TOTALS	28	34	-	1	-

PART VIII OF THE ACT - OUTWORK

Nature of Work (1)	Section 133			Section 134		
	No. of out-workers in August list required by section 133 (1)(a) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Xmas Crackers	8	-	-	-	-	-

SMOKE ABATEMENT AND ATMOSPHERIC POLLUTION

CLEAN AIR ACT, 1956

The following Smoke Control Areas are operative in the Borough:-

Smoke Control Area	Acreage	No. of Dwellings	No. of Industrial Premises	No. of Commercial Premises	Others	Operative Date
No. 1	42	420	9	245	17	1. 9. 62.
No. 2	239	1,347	7	169	18	1.10. 63.
No. 3	82	1,000	2	50	18	1. 9. 63.
No. 4	191	778	2	28	7	1. 8. 67.
No. 5	94	741	-	35	4	1. 7. 68.
No. 6	592	232	-	4	-	1. 7. 69.
No. 7	32	33	-	-	33	1. 8. 68.
No. 8	280	619	3	-	3	1. 9. 69.

During the year one further Smoke Control Area (No. 10) was submitted to the Ministry and confirmed. Particulars of confirmed areas are as follows:-

Smoke Control Area	Acreage	No. of Dwellings	No. of Industrial Premises	No. of Commercial Premises	Others	Operative Date
No. 9	507	826	-	2	-	1. 6. 70.
No.10	83	654	2	3	-	1. 9. 70.

VOLUMETRIC APPARATUS

The measurement of pollution has continued during the year by the use of volumetric apparatus and the deposit gauge. The results are submitted to the Department of Scientific and Industrial Research where they are co-ordinated into the National Survey of Atmospheric Pollution.

The results are given in the following tables in the form of highest, lowest and average of the daily readings at the three sites in each month for the year 1969 and the corresponding figures for 1968.

The amount of atmospheric pollution in the form of smoke and sulphur dioxide in the town is at last diminishing, as will be seen from a consideration of the tables.

VOLUMETRIC APPARATUS (Continued)

T O W N H A L L

Month	Smoke in microgrammes per cubic metre						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969
January	210	214	455	501	54	90	211	365	355	1,220	130	122
February	177	239	870	1,200	59	47	328	236	950	960	136	23
March	113	176	305	730	31	58	219	231	560	550	98	62
April	120	91	310	239	37	18	214	112	430	290	149	53
May	92	64	235	110	46	32	180	86	380	225	75	17
June	48	38	194	85	12	14	128	88	230	166	35	47
July	42	20	100	47	3	10	78	47	138	92	30	7
August	36	37	80	69	13	13	65	88	130	131	31	47
September	63	54	220	128	16	17	87	82	270	156	19	23
October	99	103	355	320	23	23	145	194	465	390	78	99
November	178	100	590	360	46	24	250	153	650	375	108	32
December	214	219	570	890	98	44	267	323	530	650	89	194
Average	116	113	357	390	37	33	181	167	424	434	81	61

F I R S L A N E

Month	Smoke in microgrammes per cubic metre						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969
January	221	233	530	560	48	80	175	175	335	368	60	17
February	241	226	436	1,100	93	31	216	209	630	880	84	10
March	125	163	345	870	33	51	156	128	510	315	36	17
April	125	105	310	275	49	25	138	49	260	118	74	11
May	93	67	275	130	34	31	108	31	280	89	31	11
June	45	39	220	93	5	17	80	30	164	61	15	11
July	38	19	67	45	5	8	55	24	144	48	20	5
August	33	32	66	69	11	13	38	29	108	66	13	16
September	66	54	210	100	13	16	37	41	78	73	17	20
October	103	98	390	235	37	17	57	93	259	350	24	28
November	174	130	650	310	68	22	122	94	330	185	30	17
December	213	255	465	895	88	71	136	179	320	350	44	85
Average	123	118	335	390	40	32	110	90	285	242	29	21

CHAPEL STREET

Month	Smoke in microgrammes per cubic metre						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969
January	228	228	425	490	60	66	278	275	500	475	184	78
February	256	270	830	1,010	108	57	301	219	680	710	126	17
March	167	173	325	640	37	60	268	182	460	420	122	19
April	123	108	335	215	38	62	223	120	455	184	116	28
May	113	74	270	138	62	47	200	77	375	178	132	17
June	51	44	200	86	17	19	127	90	255	186	59	41
July	46	26	83	52	14	15	89	50	145	123	38	9
August	41	38	96	70	15	19	69	64	161	112	25	19
September	86	75	265	130	28	47	97	111	240	189	31	62
October	115	101	425	260	55	28	124	163	288	360	86	80
November	175	123	650	265	64	39	198	133	490	270	70	51
December	213	185	480	540	88	74	219	250	328	390	122	141
Average	134	120	365	325	49	44	183	145	365	301	93	47

INVESTIGATION OF AIR POLLUTION

The level of pollution shows a steady decrease over the past years and as more Smoke Control Areas become operative this rate of progress is increasing. This is brought out quite clearly when looking at relative figures taken from the National Survey Annual Summary.

The results are divided into Summer (April - September) and Winter (October - March) periods. The figures are relative in that they show the average measured amount of smoke from the three stations maintained by ourselves, the results of which are transmitted to the Warren Springs Laboratory of the Ministry of Technology where they are arranged by computer.

The figures quoted relate to smoke and, as some help to comparisons, relative figures are also given for Lancaster and Stretford.

<u>Year</u>	<u>LEIGH</u>		<u>STRETFORD</u>		<u>LANCASTER</u>	
	Summer	Winter	Summer	Winter	Summer	Winter
1962/63	120	365	103	476	60	211
1963/64	109	252	99	279	52	140
1964/65	73	268	77	290	38	181
1965/66	78	232	84	186	46	126
1966/67	85	217	81	163	35	86
1967/68	63	240	51	176	33	130
1968/69	68	202	61	147	37	93

HOUSING

The year under review saw the commencement of a new and accelerated Clearance Programme, 149 houses being dealt with under the Housing Act, 1957.

Year	Number of houses dealt with			Persons displaced		
	As Clearance Areas	As Individual Houses	Total	From Clearance Areas	From Individual Houses	Total
Pre-Programme (Post 1945)	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
1960	73	14	87	171	53	224
1961	18	24	42	37	58	95
1962	27	11	38	69	34	103
1963	12	20	32	27	49	76
1964	84	5	89	227	12	239
1965	29	13	42	94	34	128
1966	109	13	122	283	30	313
1967	49	31	80	102	65	167
1968	90	14	104	209	33	242
1969	123	26	149	330	69	399
TOTAL	879	391	1,270	2,329	1,053	3,382

Four Clearance Areas were represented, these being dealt with by Compulsory Purchase Orders which involved a total of 123 houses. Confirmation of all four Orders is awaited.

With respect to the four Compulsory Purchase Orders which awaited confirmation in 1968, these were subsequently confirmed in the early spring of this year.

The twenty-six houses dealt with under Section 16(1) are as follows:-

Address of Property	Persons displaced or to be displaced
7 School Street	2
70 Ellesmere Street	5
143 Plank Lane	2
17 Strange Street	1
15 Cawdor Street	4
3 Schofield Street	2
80 Ellesmere Street	5
11 Turnicliffe's Old Row	4
31 Robertshaw Street	1
228 St. Helens Road	2
4, 24, 30, 32 & 34 Sportsman Street	9
27 & 31 Lord Street	7
12 Holt Street	7
2 - 12 Coal Pit Lane	13
136 Westleigh Lane	4
18 Victoria Street	1

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED

FROM 1954 TO 31st DECEMBER, 1969

Year			Clearance Areas		Individual Houses	
			No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
	Pre-programme (Post 1945)	Clearance Areas Individual Houses	11	31	35	104
1955	Alma Street Individual Houses		5	21	3	7
1956	Tickle Street Kanyon Street Taylor Street Hulmes Buildings Ditchfield Street Westwell Street (No. 2) Westleigh Lane (No. 9) Ann Street Individual Houses		6 4 3 4 8 11 5 3	21 8 11 15 29 43 20 9	7	27
1957	Westleigh Lane (No. 8) Brooks Houses (No. 1) Siddow Common (No. 3) Welch Hill Street (No. 4) Welch Hill Street (No. 5) Individual Houses		3 4 6 5 5	6 11 15 15 17	72	187
1958	Back Brown Street Twist Lane (No. 3) Sandersons Croft Deans Row Warrington Road (No. 5) Birchall Street River Street Mill Street Duke Street (No. 1) Sizohouse Place Cross Street (No. 3) Flank Lane (No. 3) Duke Street (No. 2) Twist Lane (No. 4) Leigh Street Individual Houses		4 6 6 12 5 8 8 5 7 5 6 6 5 10 7	18 14 22 30 18 16 21 16 24 13 14 18 12 30 17	72	194
1959	Princess Street Dukinfield Street Dukinfield Street (No. 2) Dukinfield Street (No. 3) Dukinfield Street (No. 4) High Street Individual Houses		21 10 5 18 12 16	57 26 15 45 37 45	31	97
o/fwd.			265	780	220	616

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED
FROM 1954 TO 31st DECEMBER, 1969 (Continued)

Year			Clearance Areas		Individual Houses	
			No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
		b/fwd.	265	780	220	616
1960	Westleigh Lane (No.10)	Compulsory Purchase Order	4	9		
	Mather Lane	Compulsory Purchase Order	19	48		
	John Street (No. 2)	Compulsory Purchase Order	14	28		
	Twist Lane (No. 5)		5	14		
	Dorby Street West (No. 1)		5	14		
	Dorby Street West (No. 2)		6	16		
	Dorby Street West (No. 3)		12	26		
	Brown Street South		8	16		
	Individual Houses				14	53
1961	Warrington Road (No. 6)		4	9		
	Nol Pan Lane		5	14		
	Hilden Street		9	14		
	Individual Houses				24	58
1962	Green Lane (No. 4)		9	20		
	Duke Street (No. 3)		6	12		
	Hill View		4	13		
	Wood End (No. 2)		4	10		
	Henry Street		4	14		
	Individual Houses				11	34
1963	Bodford Grove		6	15		
	Lord Street		6	12		
	Individual Houses				20	49
1964	Collogo Street (No. 1)		15	42		
	Collogo Street (No. 2)		7	29		
	Collogo Street (No. 3)		62	156		
	Individual Houses				5	12
1965	Strange Street		6	26		
	Boat Street		23	68		
	Individual Houses				13	34
1966	Duke Street (No. 4)		4	9		
	Chapel Street (No. 5)		28	54		
	Coal Pit Lane		42	143		
	Green Lane (No. 5)		6	3		
	Norbury Street (No. 2)		4	9		
	Westleigh Lane (No.11)		4	17		
	Wharf Street		21	48		
	Individual Houses				13	30
		o/fwd.	617	1,688	320	886

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED

FROM 1954 TO 31st DECEMBER, 1969 (Continued)

Year			Clearance Areas		Individual Houses	
			No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
b/fwd.			617	1,688	320	886
1967	High Street	(No. 2)	8	19		
	Tideswell Street		12	32		
	Chapel Street	(No. 6)	17	33		
	Firs Lane		5	10		
	Johnson Street		7	8		
	Individual Houses				31	65
1968	Chapel Street	(No. 7)	49	122		
	Collage Street	(No. 4)	5	17		
	Ellesmere Street		16	35		
	Nel Pan Lane	(No. 3)	14	35		
	Edale Road		6	-		
	Individual Houses				14	33
1969	Henry Street	(No. 2)	103	281		
	Westleigh Lane	(No.12)	10	27		
	Westleigh Lane	(No.13)	5	8		
	Westleigh Lane	(No.14)	5	14		
	Individual Houses				26	69
			879	2,329	391	1,053

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

6 Certificates of Permitted Numbers were issued respecting 8 houses and 2 flats.

PROVISION OF NEW HOUSES

(a)	Total		166
	(1) By Local Authority	Houses	8
		Flats	Nil
	(11) By other Local Authorities	Houses	Nil
	(111) By other bodies or persons	Houses	158
(b)	With State assistance under the Housing Acts:-		
	(1) By Local Authority	Houses	8
		Flats	Nil
	(11) By other bodies or persons	Houses	Nil

HOUSING ACT, 1957 - SECTION 30

PAYMENTS IN RESPECT OF CONDEMNED HOUSES WHICH HAVE BEEN WELL MAINTAINED

During the year payments were directed to be paid by the Minister in respect of the premises given below:-

Chapel Street (No. 7) Clearance Order, 1968	236, Chapel Street	Owner	£ 34
Compulsory Purchase Order		Tenant	£ 34
ditto	238, Chapel Street	O/o	£120
ditto	19, Jackson Street	Owner	£ 22
		Tenant	£ 22
ditto	21, Jackson Street	O/o	£ 88
ditto	5, Peter Street	O/o	£100
ditto	11, Peter Street	Owner	£ 24
		Tenant	£ 24
ditto	8, Thomas Street	O/o	£ 88
ditto	9, Thomas Street	O/o	£ 92
ditto	12, Thomas Street	Owner	£ 24
		Tenant	£ 24
Ellesmere Street Clearance Order, 1968	41, Ellesmere Street	O/o	£ 88
Compulsory Purchase Order	43, Ellesmere Street	O/o	£ 88
	10, Brackley Street	O/o	£100
Nel Pan Lane (No. 3) Clearance Order, 1968	16, Nel Pan Lane	Owner	£ 24
Compulsory Purchase Order		Tenant	£ 24
Individual House	3, Schofield Street	O/o	£104

1. INSPECTION OF DWELLINGHOUSES DURING THE YEAR

(1) (a)	Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts.	642
(b)	Inspections made for the purpose.	2,515
(2) (a)	Dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925.	25
(b)	Inspections made for the purpose.	67
(3)	Dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.	149
(4)	Dwellinghouses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation.	291

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

	Defective dwellinghouses rendered fit in consequence of informal action by the Local Authority.	32
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3. ACTION UNDER STATUTORY POWERS.

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

(1)	Dwellinghouses in respect of which notices were served requiring repairs.	N11
(2)	Dwellinghouses which were rendered fit after service of formal notice:-	
(a)	By owners	N11
(b)	By Local Authority in default of Owners	N11

B. Proceedings under Public Health Acts:-

(1)	Dwellinghouses in respect of which notices were served requiring defects to be remedied.	202
(2)	Dwellinghouses in which defects were remedied after service of formal notice:-	
(a)	By owners	69
(b)	By Local Authority in default of Owners	33

3. ACTION UNDER STATUTORY POWERS (Continued)

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

(1)	Dwellinghouses in respect of which Demolition Orders were made.	3
(2)	Dwellinghouses demolished in pursuance of Demolition Orders.	3
(3)	Dwellinghouses closed in pursuance of Closing Orders.	19

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

(1)	Separate tenements or underground rooms in respect of which Closing Orders were made.	Nil
(2)	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

Cases of overcrowding investigated during the year.	2
Cases of overcrowding confirmed during the year.	1
Families involved.	2
Persons dwelling therein.	10
Families re-housed.	1
Persons involved.	4

The Housing Committee allocate Corporation Houses on a points scheme.

At the end of the year there were 748 applicants on the Corporation housing list, of which 363 were living in lodgings.

RENT ACT, 1957

Applicants for Certificates of Disrepair (Form I)	1
Certificates of Disrepair authorised to be issued - in full	-
Certificates of Disrepair authorised to be issued - in part	1
Applications for Certificates of Disrepair refused	-
Undertakings from Landlords to remedy defects (Form K)	1
Undertakings from Landlords accepted	1
Undertakings from Landlords refused	-
Certificates of Disrepair issued (Form L)	-
Applications for Cancellation of Certificates of Disrepair (Form M)	-
Certificates of Disrepair cancelled	-
Refusals to cancel Certificates of Disrepair	-
Applications for Certificates re remedying of defects (Form O)	-
Certificates issued re remedying of defects (Form P)	-

IMPROVEMENT GRANTS - Rent Act, 1957, Housing (Financial Provisions)
Act, 1958 and House Purchase and Housing Act, 1959.

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

STANDARD GRANTS

	<u>1968</u>	<u>1969</u>
Applications received	94	78
Applications approved	85	43
Total amount of grants paid	£9,092.10s.0d. £7,005.14s.10d.	

DISCRETIONARY GRANTS

Applications received	19	5
Applications received from private owners	17	5
Applications received from landlords	2	-
Approved for grant - private owners	16	1
Not approved for grant - private owners	1	-
Approved for grant - landlords	2	-
Not approved for grant - landlords	-	-
Applications withdrawn	-	-
Total amount of grants authorised	£4,812.10s.0d. £ 208.10s.0d.	
Total amount of grants paid	£2,387. 0s.0d. £1,574.10s.0d.	

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:-

Nature	Found	Remedied
Drains	43	37
Roofs	52	34
Eavesgutters	43	29
Rainwater pipes	12	7
Walls External : Defective Brickwork	5	6
" " Dampness penetrating	2	1
Walls Internal : Damp wallplaster	63	33
" " Defective wallplaster	11	11
Defective ceiling plaster	6	7
Sinks	4	-
Sink waste pipes	5	5
Floors	6	9
Window frames : Defective woodwork	23	18
" " Sashes and inadequate ventilation	39	13
" " Glazing	2	-
Doors	16	4
Inadequate lighting - Natural	-	-
Fire Ranges : Smoke emission	3	1
" " Defective	4	2
Insufficient Water Supply	11	1
Closets : Fresh Water	110	91
" Waste Water	-	-
Yards and Passages	8	2
Other Defects	30	12
	<u>497</u>	<u>323</u>

Repairs were carried out in default of owners, following service of Statutory Notices under the Public Health Act, 1936, at a total cost of £379. 4s. 10d.

Repairs to defective drains were carried out in default of owners at a cost of £19. 12s. 2d. which was recoverable.

PUBLIC HEALTH ACTS, 1936 - 1961

STATUTORY NOTICES SERVED

<u>Act and Section</u>	<u>No. of Notices</u>
Public Health Act, 1961	
Section 17 Choked Drainage (48 hours notice)	18
Public Health Act, 1936	
Section 39 Defective Sinks	6
Section 39 Drainage (Sub-soil drains)	11
Section 39 Gutters, Downspouts	21
Section 45 Defective Water Closets	70
Section 93 Conditions prejudicial to Health	68
Section 138 Insufficient water supply	6
Prevention of Damage by Pests Act, 1949	
Section 4 Keeping land free from Rats and Mice	1
	<u>201</u>

CLASSIFICATION OF PREMISES VISITED BY PUBLIC HEALTH INSPECTORS

	<u>No. of visits paid</u>
Bakehouses	51
Canteens and Restaurants	154
Dairies and Milkshops	7
Grocers Shops	98
Greengrocers Shops	11
Fish Friers	21
Wet Fish Shops	13
Confectionery Shops	54
Food Warehouses	10
Hotels and Public Houses	48
Butchers Shops	68
Slaughterhouse	407
Ice Cream Shops and Vehicles	48
Hawkers	31
Miscellaneous	31
	<u>1,052</u>

INSPECTION AND SUPERVISION OF FOOD

FOOD AND DRUGS ACT, 1955

Six complaints were received of foreign bodies in food. Statutory action was not considered to be appropriate in any of these cases, a warning being issued to the firms concerned.

INFRINGEMENTS OF FOOD HYGIENE (GENERAL) REGULATIONS 1960 DEALT WITH

	<u>Defects found</u>	<u>Defects remedied</u>
Reg. 6 Cleanliness of equipment	7	2
" 8 Risk of contamination	22	15
" 14 Defective closets, etc. Notices re washing	26	20
" 16 Wash-hand basins, water supply, soap, nailbrush, drying facilities not provided.	48	22
" 17 First Aid equipment not provided	20	8
" 18 Accommodation for clothing etc.	8	2
" 19 Facilities for washing food and equipment	15	7
" 21 Ventilation	4	3
" 23 Cleanliness and repair of Food Rooms	67	36
" 24 Refuse	10	5
TOTALS	227	120

BAKEHOUSES

Number of Bakehouses on register	22
Number of inspections in the year	51
Number of defects found	66
Number of defects remedied	21

SLAUGHTERHOUSES

Number of licensed slaughterhouses in the Borough	1
--	---

A total of £1,008.18s. 4d. was received by the Corporation as fees for meat inspection during the year.

SLAUGHTER OF ANIMALS ACT, 1958

There are 7 slaughtermen holding licences granted by this Authority.

All meat and offals found to be unfit were voluntarily surrendered.

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

NUMBER OF CATTLE EXAMINED AND
CONDEMNATIONS FOR TUBERCULOSIS AND OTHER CONDITIONS

	Cattle excluding Cows		Cows		Calves		Sheep and Lambs		Pigs	
	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969
Number killed	4,053	3,355	238	303	-	-	15,965	15,984	1,676	3,268
Number inspected	4,053	3,355	238	303	-	-	15,965	15,984	1,676	3,268
All Disease except Tuberculosis - Whole Carcasses Condemned	1	1	4	2	-	-	47	26	7	3
Carcasses of which some part or organ was condemned	2,538	1,801	211	249	-	-	4,789	3,922	457	642
Percentage of the number inspected affected with disease or parasitic conditions other than Tuberculosis	62.64	53.71	90.33	82.83	-	-	30.29	24.69	27.68	19.73
<u>TUBERCULOSIS:</u>										
Whole Carcasses condemned	-	-	-	-	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	1	1	-	1	-	-	-	-	2	-
Percentage of the number inspected affected with Tuberculosis	0.02	0.03	-	0.33	-	-	-	-	0.12	-

PERCENTAGE CONDEMNATIONS FOR TUBERCULOSIS

Year	Cattle excluding Cows	Cows	Calves	Pigs
1950	6.70	42.80	0.40	4.20
1951	8.03	56.28	0.09	4.41
1952	14.62	48.62	0.27	3.33
1953	13.16	33.20	0.16	3.19
1954	10.26	29.19	-	1.98
1955	6.51	39.65	-	1.44
1956	6.86	23.49	-	1.66
1957	8.43	21.77	-	0.40
1958	6.16	17.55	-	1.88
1959	7.40	18.50	-	1.40
1960	3.13	6.39	-	1.15
1961	1.60	0.40	-	0.61
1962	0.60	0.41	-	0.54
1963	0.22	0.28	-	0.18
1964	0.14	-	-	0.36
1965	0.08	-	-	0.40
1966	0.03	-	-	0.26
1967	-	-	-	-
1968	0.02	-	-	0.12
1969	0.03	0.33	-	-

These figures afford an interesting insight into the incidence of Tuberculosis found in animals killed for food and can be taken as complementary to the field work that has been accomplished by the Veterinary Officers of the Ministry of Agriculture, Fisheries and Food.

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 22 carcasses were found to be infected. In each case particulars of the animal were forwarded to the Divisional Veterinary Inspector of the Ministry of Agriculture, Fisheries and Food.

The carcasses were dealt with in accordance with the conditions laid down by the Ministry of Agriculture, Fisheries and Food.

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 (Fresh)	172	-	18	2	9	8
Meat (Canned)	569	-	19	3	-	-
Fruit	612	-	6	1	4	6
Vegetables	885	-	6	-	17	3
Milk	22	-	-	-	19	10
Fish	130	-	-	3	16	-
Soups	129	-	1	-	4	10
Sundries	1,937	-	12	2	15	2
Total	4,456	3	5	2	2	7

FOOD AND DRUGS ACT, 1955.

The Public Analyst for the Borough is Mr. A. C. Bushnell, F.R.I.C., County Offices, Preston.

118 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.

ANALYSIS OF FOOD SAMPLES - 1969

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity
	Formal	Inf.	Priv.	Total	
Boofburgers in Butter	-	1	-	1	-
Biscuits	-	1	-	1	-
Brandy	-	2	-	2	-
Butter	-	3	-	3	-
Cake Mixture	-	1	-	1	-
Cheese	-	4	-	4	-
Chicken with rice (canned)	-	1	-	1	-
Coffee Extract, dry	-	1	-	1	-
Cream, fresh	-	3	-	3	-
Cream, Sterilised	-	1	-	1	-
Curing Brine	-	1	-	1	-
Fish, canned	-	1	-	1	-
Fish, fried (in Butter)	-	1	-	1	-
Fruit, bottled	-	1	-	1	-
Fruit, canned	-	1	-	1	-
Fruit Curd	-	3	-	3	-
Fruit, Fresh	-	1	-	1	-
Fruit juice	-	1	-	1	-
Gin	-	1	-	1	-
Hamburgers in Gravy, canned	-	1	-	1	1
Headache Tablets	-	1	-	1	-
Herb beer extract	-	1	-	1	-
Henay	-	1	-	1	-
Influenza Powders	-	1	-	1	-
Jam	-	3	-	3	-
Malt Extract	-	1	-	1	-
Margarine	-	1	-	1	-
Meat, canned	-	3	-	3	-
c/fwd.	-	42	-	42	1

ANALYSIS OF FOOD SAMPLES - 1969

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity
	Formal	Inf.	Priv.	Total	
b/fwd.	-	42	-	42	1
Meat, cooked	-	1	-	1	-
Meat & Potato Pie	-	1	-	1	-
Meat & Vegetables, canned	-	1	-	1	-
Milk	-	20	-	20	-
Milk, Channel Islands	-	8	-	8	-
Milk, condensed, full cream, unsweetened	-	2	-	2	-
Mince meat	-	1	-	1	-
Pudding, corned	-	1	-	1	-
Pudding, Christmas	-	1	-	1	-
Ram	-	1	-	1	-
Sausages, beef	-	6	-	6	-
Sausages, pork	-	9	-	9	1
Slimming biscuits	-	2	-	2	-
Soft Drink	-	2	-	2	1
Soft Drink Powder	-	1	-	1	-
Soft Drinks - Mineral Water	-	2	-	2	-
Spread	-	1	-	1	-
Sweets	-	2	-	2	-
Tea	-	3	-	3	-
Tea Bags	-	1	-	1	-
Throat Pastilles	-	1	-	1	-
Tonic Wine	-	1	-	1	-
Vegetables, canned	-	4	-	4	1
Vegetables, (Mixed) in Oil	-	1	-	1	1
Whisky	-	1	-	1	-
Yeast	-	1	-	1	-
Yoghourt	-	1	-	1	-
TOTALS	-	118	-	118	5

ADULTERATED SAMPLES 1969

Number of Sample	Description	Nature of Adulteration or irregularity	Observations
45	Pork Sausages (Informal)	Lean Meat 24.0 per cent. Fat 44.5 per cent. Apparent Meat content 68.5 per cent. Recommended minimum standards for Pork Sausage include at least 32.5 per cent. lean meat and at least 65.0 per cent. total meat. The sample was deficient in lean meat.	Further sample from same source genuine.
17	Hamburgers in Gravy, Canned (Informal)	Meat content 52.0 per cent. Recommended minimum meat content for this type of product 60.0 per cent.	Packer communicated with.
19	Mixed Vegetables in Oil. (Informal)	Consisted of pickled vegetable salad. Labelled "Salata" (amesona salata). The Labelling of Food Regulations, 1967, recommend that the appropriate designation of a food shall be sufficiently specific to indicate its true nature. The word "salata" should also appear therefore in English translation. The word "amesona" has no meaning to English purchasers.	Importers communicated with.
4	Apple Squash (to be diluted) (Informal)	The dilution instructions on label would not produce a soft drink for drinking which complied with the standards for soft drinks for direct consumption.	Manufacturer did not agree that the final drink should conform to any standard but is reviewing present labelling.
15	Peas, Canned (Informal)	Contained a specimen of one of the ground beetles (Foronia melanaria), length 17 millimetres and weight 0.136 gramme.	Canners cautioned and complainant informed.

As this was submitted to a technical staff, the staff is not responsible for the results of the analysis. The results are for information only.

Registered Analysts in the District
Registered Analysts in the District

SUMMARY OF SAMPLES SUBMITTED UNDER THE FOOD AND DRUGS ACT, 1955, FOR EXAMINATION BY THE PUBLIC ANALYST 1960 - 1969.

Year	No. of Samples	Number adulterated or Otherwise giving rise to irregularity	Rate of Sampling per 1,000 population
1960	115	8	2.4
1961	155	16	3.3
1962	126	10	2.7
1963	138	10	2.9
1964	102	10	2.2
1965	112	8	2.4
1966	141	10	3.0
1967	124	14	2.6
1968	129	7	2.8
1969	118	5	2.6

MILK SUPPLY.

As all cows are subjected to a tuberculin test, Raw Milk, Pastourised and Sterilised milk is permitted to be sold.

Registered Distributors in the Borough 134
Registered Dairies in the Borough 3

Year	Number of Samples	Fat %	Solids-not-Fat %	Total Solids %	Percentage Adulteration
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	5.6
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
1960	53	3.60	8.66	12.26	5.7
1961	63	3.62	8.62	12.24	4.8
1962	63	3.63	8.62	12.25	1.6
1963	32	3.67	8.54	12.21	3.1
1964	30	3.60	8.49	12.09	10.0
1965	28	3.54	8.61	12.15	3.6
1966	40	3.88	8.67	12.55	2.5
1967	43	3.92	8.72	12.64	2.3
1968	40	3.75	8.64	12.39	2.5
1969	28	4.05	8.71	12.76	-
Average		3.73	8.62	12.35	4.49

BACTERIOLOGICAL AND BIOLOGICAL EXAMINATION OF MILK SAMPLES

BACTERIOLOGICAL EXAMINATION

Designation	Number Submitted	NATURE OF TEST									
		Methylene Blue			Turbidity Test			Phosphatase Test		Colony Count Test	
		Satisfactory	Unsatisfactory	Void	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	
Tuberculin Tested	25	16	7	2	-	-	-	-	-	-	-
T.T. Pasteurised	17	16	-	1	-	-	17	-	-	-	-
Sterilised	3	-	-	-	3	-	-	-	-	-	-
Ultra Heat Treated	1	-	-	-	-	-	-	-	-	1	-
TOTALS	46	32	7	3	3	-	17	-	-	1	-

BIOLOGICAL EXAMINATION

Number Submitted	Tubercle Bacilli	Brucellosis									
		Ring Test					Culture Test				
		Positive	Negative	No Result	Positive	Negative	No Result	Positive	Negative	No Result	
25	-	21	4	2	23	1	-	1	1	-	

ICE CREAM

In accordance with Section 16 (1) (a) of the Food and Drugs Act, 1955, 1 premise was registered for the sale of Ice Cream during the year. 185 such premises now appear in the Register. There are two manufacturers of Ice Cream licensed in the Borough.

Samples for bacteriological examination are submitted to the Regional Public Health Laboratory, Withington Hospital, Manchester. Twenty-five samples were submitted for examination with the following results:-

Grade 1	6
" 2	7
" 3	5
" 4	7

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 product, or fish, fruit or vegetables from or upon a vehicle or from or upon a basket, pail, tray, table or other portable receptacle or stand, must be registered.

The number of persons on the Register at the end of the year was 101.

PREMISES

All premises used or proposed to be used for storage of meat, meat food products, or fish, fruit and vegetables must be registered. The number of premises registered at the end of the year was 55.

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 80.

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

A free service for the destruction of rats and mice is given to occupiers of dwellinghouses 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 £406. 13s. 11d. was recovered during the year.

PARTICULARS OF PROPERTIES INSPECTED OTHER THAN SEWERS

	Type of Property	
	Non-Agricultural	Agricultural
1. Total number of properties inspected following notification:-	575	3
Number infested by (i) Rats	338	2
(ii) Mice	237	1
2. Total number of properties inspected for rats and/or mice for reasons other than notification:-	1,249	2
Number infested by (i) Rats	121	-
(ii) Mice	58	-

SEWER INFESTATION AND TREATMENT

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.

A comparative table of treatments undertaken during the past 5 years is given below:-

Year	Treatment No.	No. of Manholes treated	Baiting (2 days)		Poison Baiting
			Taken	Not Taken	
1965	40	104	23	81	Warfarin Bait Used
	41	104	22	82	- ditto -
1966	42	217	16	201	Fluoroacetamide Used
1967	43	231	-	231	- ditto -
1968	44	164	17	147	- ditto -
1969	45	172	19	153	- ditto -
	46	160	15	145	- ditto -

REPORT OF THE COMMISSION ON THE STATE OF THE NATION, 1960

A free market for the distribution of goods and services is essential to the economic growth and development of the United States. In all other areas of the economy, the free market has been the dominant force in the development of the nation. In the case of the distribution of goods and services, the free market has been the dominant force in the development of the nation. In the case of the distribution of goods and services, the free market has been the dominant force in the development of the nation.

The Commission on the State of the Nation has been established to study the problems of the distribution of goods and services in the United States. The Commission has been established to study the problems of the distribution of goods and services in the United States. The Commission has been established to study the problems of the distribution of goods and services in the United States.

Type of Property	Non-Residential	Residential	Total number of properties inspected	Number inspected by (a) State	Number inspected by (b) Local
1. Total number of properties inspected	1,234	5,678	6,912	1,234	5,678
2. Total number of properties inspected for other than residential	1,234	5,678	6,912	1,234	5,678
3. Total number of properties inspected for residential	1,234	5,678	6,912	1,234	5,678

SEVERE DEPRIVATION AND CRIMINALITY

The Ministry of Agriculture, Fisheries and Food has been established to study the problems of the distribution of goods and services in the United States. The Ministry of Agriculture, Fisheries and Food has been established to study the problems of the distribution of goods and services in the United States. The Ministry of Agriculture, Fisheries and Food has been established to study the problems of the distribution of goods and services in the United States.

A comparative table of the distribution of goods and services in the United States is given below.

Year	Treatment	No. of properties inspected	Mileage (in miles)	
			Urban	Suburban
1960	40	104	22	82
1961	41	104	22	82
1962	42	117	16	101
1963	43	121	-	121
1964	44	134	17	117
1965	45	138	19	119
1966	46	140	19	121



