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Contributors

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BOROUGH OF LEIGH

REPORT

of the

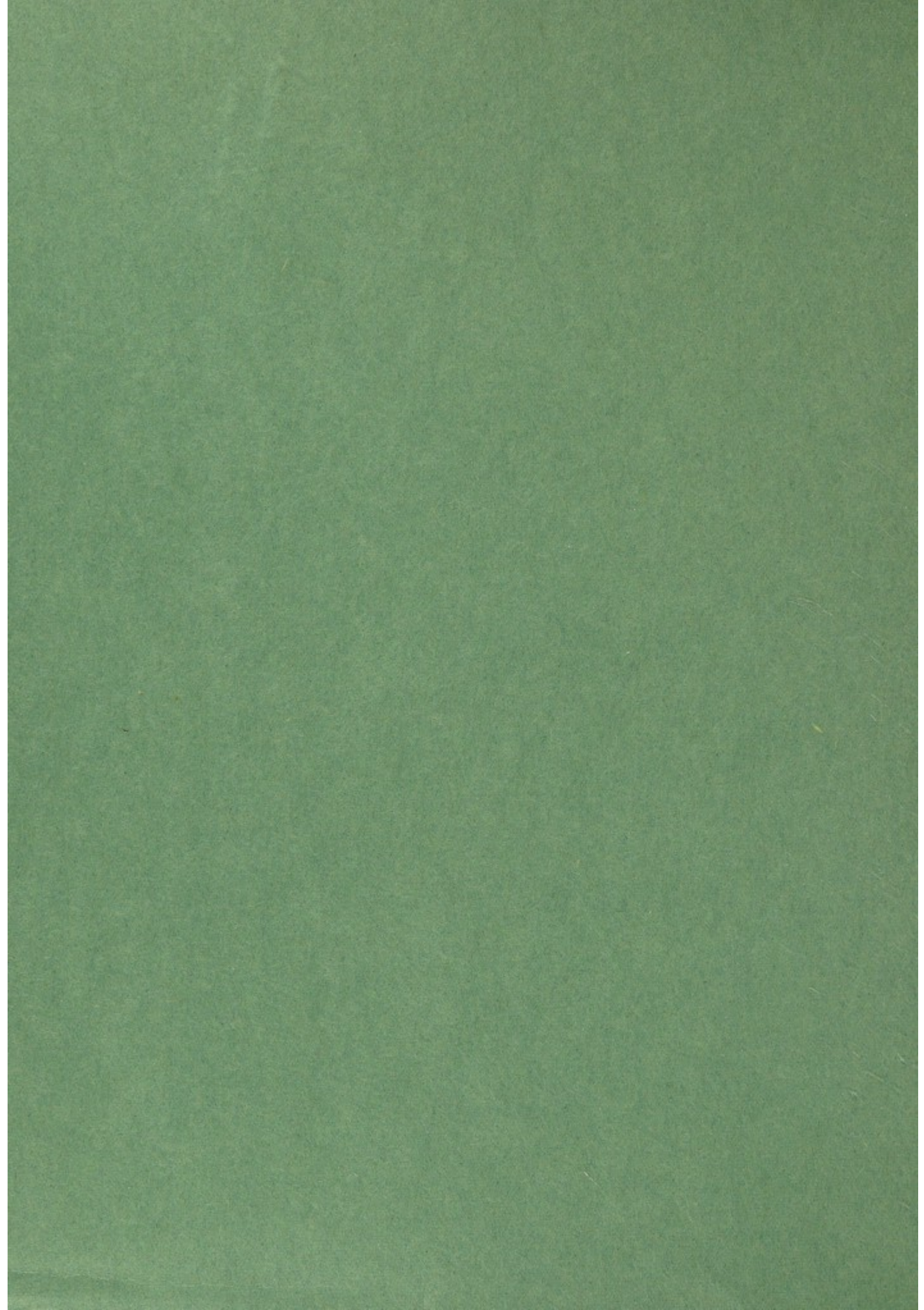
MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

for the Year

1964





BOROUGH OF LEIGH

REPORT

of the

MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

for the year

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HEALTH COMMITTEE

Chairman:

Councillor P. GIBSON, J.P.

Deputy Chairman:

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

His Worship the Mayor Councillor Edward Ellison, J.P., C.C.

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

" C. H. Bratt, J.P.

" H. Gough, J.P.

" E. Green, J.P.

" W. Kearney, J.P.

Councillor L. Birtles, J.P.

" H. Connell

" H. Davies

" P. Fazackerley

" P. Hull

" A. E. Lyon

" J. Murray

" A. Roberts

" Dr. L. G. R. Roberts

" F. Taylor

S T A F F

Medical Officer of Health:

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

Chief Public Health Inspector:

HARRY CLUSKY

Inspector of Canal Boats: Rodent Officer

Deputy Chief Public Health Inspector:

ARTHUR L. HOPE

District Public Health Inspectors:

Thomas Sutton

Robert C. Woods (Resigned 27.9.64)

Henry P. Bird (Resigned 30.9.64)

Temporary Technical Assistant:

Clifford Peddor

Clerical Staff:

Chief Clerk: Mrs. G. O'Neil

Clerk/Typist: Mrs. E. Firth

" " Miss D. Harvey

Disinfector/Mortuary Attendants:

J. J. Kelly

G. List

Rodent Control:

J. Statham

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SECTION "A"

STATISTICAL AND SOCIAL
CONDITIONS OF THE AREA

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

Tel : Leigh 72421

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 1964.

The general health of the citizens of the Borough remained satisfactory. The population, according to the Registrar General's estimate, decreased by 170 to 46,360 in spite of a natural increase of births against deaths of 278. This suggests that 448 people left the Borough for various reasons. Last year's recent high birth rate was bettered by an increase of 40 live births giving a rate of 20.1 and the corrected death rate further improved to 14.0. The main cause of death pursued a similar distribution - about one-sixth being attributable to cancer, about one half to diseases of the heart and blood vessels and one tenth to respiratory illness.

A further step forward was taken in the slum clearance programme and a total of 89 houses was dealt with, involving the re-housing of 239 persons. It is to be hoped that the "stop-go" of previous years is at an end and a more continual replacement of houses which have outlived their usefulness will now ensue.

Whilst no one gainsays the need to clean up the atmosphere of the town, no further progress with an extension of the smoke control areas was accomplished.

The year has proved a difficult and frustrating one from a staffing position. Two public health inspectors resigned on obtaining better-paid appointments and during the latter part of the year the Department was maintained by the Chief Public Health Inspector, his Deputy and one District Inspector. Efforts to recruit either Public Health Inspectors or Meat Inspectors failed.

I am pleased to 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 sincerely,

E. TAYLOR.

VITAL STATISTICS.

The following is a summary of the principal statistics for the year 1964:-

	<u>Leigh</u>	<u>England & Wales</u>
Population (Estimate mid-1964)	46,360	47,401,300
Number of deaths (corrected)	571	534,556
Death Rate (per 1,000 population) (corrected)	14.0	11.3
Number of Live Births registered (corrected)	849	874,110
Number of Illegitimate Births	33	
Percentage of Illegitimate Live Births	3.88	
Live Birth Rate (per 1,000 population) (adjusted)	20.1	18.4
Number of Stillbirths (corrected)	19	14,524
Still Birth Rate per 1,000 total (live and still) births	21.9	16.3
Number of Infant Deaths	14	17,507
Infant Mortality Rate per 1,000 live births	16.5	20.0
Infant Mortality Rate per 1,000 legitimate births	15.93	
Infant Mortality Rate per 1,000 illegitimate births	30.30	
Neo-Natal Mortality Rate (first four weeks) per 1,000 related live births	10.6	13.8
Peri-natal Mortality Rate per 1,000 total births	30.0	
Maternal Deaths (including abortion)	Nil	226
Maternal Mortality Rate (including abortion) per 1,000 total births	Nil	0.25
Number of Deaths from all forms of Tuberculosis	3	2,483
Death Rate per 1,000 population from all forms of Tuberculosis	0.06	0.052
Number of Deaths from Neoplasms - Lung Bronchus	19	25,371
Death Rate per 1,000 population from Neoplasms - Lung Bronchus	0.41	0.54
Number of Marriages solemnised	388	

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, cotton and man-made fibre weaving, electric cable manufacture, electrical products, 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
Population (Census 1951)	48,728
Population (Census 1961)	46,174
Estimated population (Mid-year Estimate 1964)	46,360
Number of inhabited houses, end of 1964 according to Rate Books	15,363
Rateable Value	£1,362,563
Sum represented by Penny Rate	£5,432

TABLE SHOWING CLASSIFICATIONS OF CAUSES
OF DEATHS FOR THE YEAR 1964

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Tuberculosis, Respiratory	2	1	3
Syphilitic Disease	1	1	2
Malignant Neoplasms - Stomach	6	9	15
" " - Lung, Bronchus	16	3	19
" " - Breast	-	10	10
" " - Uterus	-	4	4
" " - Others	29	18	47
Leukemia, aleukaemia	2	3	5
Diabetes	2	6	8
Vascular lesions of the Nervous System	31	50	81
Coronary Disease, Angina	73	45	118
Hypertension with Heart Disease	4	3	7
Other Heart Disease	32	51	83
Other Circulatory Diseases	6	6	12
Pneumonia	10	7	17
Bronchitis	20	5	25
Other diseases of respiratory system	11	-	11
Ulcer of Stomach and Duodenum	3	1	4
Gastritis, Enteritis, and Diarrhoea	2	3	5
Nephritis and Nephrosis	3	6	9
Hyperplasia of Prostate	5	-	5
Congenital malformations	3	2	5
Other defined and ill-defined diseases	15	25	40
Motor Vehicle Accidents	10	1	11
All other Accidents	10	7	17
Suicide	4	4	8
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>
	300	271	571

S T A T I S T I C S F O R 1 9 6 3 , 1 9 6 4 A N D T H E P E R I O D 1 9 5 9 - 1 9 6 2

	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	
BOROUGH OF LEIGH						
Mean of 5 years (1959 - 1963)	16.6	12.8	0.05	0.48	23.4	
Year 1963	17.4	12.7	0.02	1.22	27.2	
Year 1964	18.3	12.3	0.06	Nil	16.5	
Increase or decrease in 1964 on 5 years average (1959 - 1963)	+ 1.7	- 0.5	+ 0.01	- 0.48	- 6.9	
Increase or decrease in 1964 on 1963	+ 0.9	- 0.4	+ 2.04	- 1.22	- 10.7	

BIRTH RATE

The total number of registered live births assignable to the Borough of Leigh for the year 1964 was 849 compared with 809 the previous year. The corresponding crude Birth Rate for the two years respectively is 18.3 and 17.4 per 1,000 estimated population.

The crude death rate is 12.3 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 14.0 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
1940	15.5	14.6	16.6	14.3
1	18.1	14.2	11.7	12.9
2	18.3	15.8	12.1	11.6
3	19.8	16.5	12.5	12.1
4	19.3	17.6	12.7	11.6
5	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

STILL BIRTH RATE.

The total number of registered still births assignable to the Borough during the year was 19 compared with 11 the previous year, giving rates for the two years of 0.41 and 0.24 respectively per 1,000 estimated population. The still birth rate for England and Wales during the period was 0.31.

BIRTH RATES AND DEATH RATES, ANALYSIS OF
MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS
DISEASES FOR THE YEAR 1964.

	Rates per 1,000 Home Population	
	England & Wales	Leigh
BIRTHS:-		
Live Births	18.4	20.1
Still Births	0.31	0.41
	16.3 (a)	
DEATHS:-		
All Causes	11.3	12.32
Tuberculosis - All forms	0.052	0.06
" - Respiratory	0.047	0.06
" - Non-Respiratory	0.006	N11
Cancer - All forms	2.21	2.16
" - Lungs & Bronchus	0.54	0.41
" - Other Cancer	1.67	1.75
Maternal Mortality	0.25 (a)	N11
Infant Mortality	20.0 (b)	16.5
Nec-Natal Mortality	13.8 (b)	10.6
NOTIFICATIONS:-		
Typhoid Fever	0.003	N11
Paratyphoid Fever	0.005	N11
Meningococcal Infection	0.011	N11
Scarlet Fever	0.425	0.17
Whooping Cough	0.667	N11
Diphtheria	0.000	N11
Erysipelas	0.037	N11
Smallpox	N11	N11
Measles	6.471	11.24
Pneumonia	0.195	N11
Acute Poliomyelitis - Paralytic	0.001	N11
" " - Non-Paralytic	0.000	N11
Acute Encephalitis - Infective	0.002	N11
" " - Post Infective	0.003	N11
Dysentery	0.425	0.24
Food Poisoning	0.114	N11
Puerperal Pyrexia	0.127	N11
Tuberculosis - Respiratory	0.317	0.24
" - Meninges & C.N.S.	0.003	N11
" - Other	0.051	N11
Anthrax	0.000	0.02

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

(b) Per 1,000 Total Live Births.

INCIDENCE AND MORTALITY OF TUBERCULOSIS 1964

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

INCIDENCE AND MORTALITY OF TUBERCULOSIS

1947 - 1964

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Notified Cases:-																		
(a) Pulmonary	24	42	27	27	35	26	28	18	19	24	24	28	20	15	22	25	8	11
(b) Non-Pulmonary	6	12	6	14	14	4	3	5	1	3	3	3	2	1	1	2	2	-
Deaths:-																		
(a) Pulmonary	18	17	17	14	9	8	7	11	5	5	2	7	6	2	1	3	1	3
(b) Non-Pulmonary	1	3	1	-	5	2	1	-	-	-	-	-	-	-	1	-	1	-

SUMMARY OF THE INCIDENCE OF THE PRINCIPAL NOTIFIABLE DISEASES
OTHER THAN TUBERCULOSIS, 1950 - 1964

(No. of Deaths in brackets)

	1950-54	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Scarlet Fever	480	33	37	20	9	38	17	8	6	5	8
Diphtheria	-	-	-	-	-	-	-	-	-	-	-
Measles	1928 (1)	418	142	710 (1)	17	90	1311	130	21	564	521
Whooping Cough	510 (1)	21	108	23	26	31	16	6	3	19	-
Pneumonia	152(108)	9 (17)	3 (21)	7(28)	5 (9)	3 (14)	1 (13)	3 (26)	- (20)	7 (24)	- (17)
Puerperal Pyrexia	4	-	-	-	-	-	-	-	-	-	-
Moningococcal Infection	4 (2)	3	1	-	2 (1)	-	-	-	-	-	-
Dysentery	42	31	6	1	23	113	187	9	4	-	11
Erysipelas	33	5	1	1	2	4	1	-	-	-	-
Acute Poliomyelitis	10	1	1	2	1	8	-	1	-	-	-
Food Poisoning	-	4	-	-	21	-	-	-	-	-	-
Paratyphoid Fever	7	-	-	1	-	2	-	-	-	-	-
Arthrex	-	-	-	-	-	-	-	-	-	-	1
TOTALS	3170	525	299	765	106	269	1533	157	94	595	541

INCIDENCE OF NOTIFIABLE DISEASES (other than Tuberculosis) 1964

		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	3	2	1	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2
Measles	9	10	46	26	51	45	47	43	52	49	52	67	75	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	270	251
Dysentery	-	-	-	-	1	-	1	-	1	-	1	3	1	1	1	-	-	1	-	-	-	-	1	-	-	-	-	6	5	
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	
TOTALS	9	10	46	26	52	45	49	43	51	54	73	76	1	2	-	1	1	1	2	-	-	2	-	-	-	-	-	282	259	

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, Orchard Lane. Tel: Swinton 4343

CARE OF CHILDREN - CHILDREN ACT, 1948.

Children's Committee, Lancashire County Council, Area No.11

Area Children's Office,
Williams Deacons Bank Chambers,
Market Street,
Leigh. Tel: Leigh 72206

CLINICS.

1. ANTE-NATAL:

Boundary Street Clinic	Monday	2.0 p.m. - 4.0 p.m.
Stonehouse Clinic	Wednesday	2.0 p.m. - 4.0 p.m.
	Thursday	1.30 p.m. - 3.30 p.m.

2. RELAXATION CLASS:

Stonehouse Clinic	Friday	1.30 p.m. - 3.30 p.m.
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3. IMMUNISATION:

(i) At the four County Clinics in the Leigh area
by arrangement as required.

(ii) The general practitioner service.

4. POLIOMYELITIS VACCINATION:

Children of pre-school age - Each of the Child Welfare Clinics
by arrangement.

5. CHILD WELFARE:

(i) Stonehouse Clinic	Tuesday	2.0 p.m. - 4.0 p.m.
(ii) Boundary Street Clinic	Thursday	2.0 p.m. - 4.0 p.m.
(iii) Ingham Street Clinic	Wednesday	2.0 p.m. - 4.0 p.m.
(iv) Nangreaves St. Clinic	Monday	2.0 p.m. - 4.0 p.m.

6. MINOR AILMENTS OF SCHOOL CHILDREN:

Stonehouse Clinic	Monday	10.0 a.m. - 12 noon
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7. DENTAL:

Stonehouse Clinic	By appointment
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C L I N I C S (Continued).

8. OPTHALMIC:

Stonehouse Clinic, St. Helens Road, Leigh By appointment

9. ORTHOPAEDIC:

Elliott Street Clinic, Tyldesley. By appointment

10. SPEECH THERAPY:

Stonehouse Clinic, St. Helens Road, Leigh. By appointment

11. DAY NURSERY:

Leigh No.1 Stonehouse, St. Helens Road, Leigh
Leigh No.2 Cavendish Street, Leigh.

12. TUBERCULOSIS:

Chest Clinic, Leigh Infirmary, Leigh.

13. VENEREAL DISEASES:

(i) LEIGH INFIRMARY

Males and Females: Monday 9.30 a.m. - 10.30 a.m. By appointment.

(ii) CIVIC CENTRE, BOLTON.

Males and Females:

Monday, Wednesday & Friday 9.30 a.m. - 12 noon : 4.30 p.m. - 7.0 p.m.
Tuesday & Thursday 9.30 a.m. - 12 noon : 2.00 p.m. - 4.30 p.m.
Saturday 9.00 a.m. - 11.00 a.m.

(iii) ROYAL ALBERT EDWARD INFIRMARY, WIGAN.

Males and Females:

Monday to Friday 9.00 a.m. - 5.00 p.m.
Saturday 9.00 a.m. - 11.30 a.m.

Doctor in attendance:

Wednesday 2.00 p.m. - 5.00 p.m.
Friday 2.00 p.m. - 6.30 p.m.

C O N V A L E S C E N C E.

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

C O N V A L E S C E N T T R E A T M E N T.

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 | Whelley Hospital, Wigan.
Hulton Lane, Bolton. |
| 3. MATERNITY | Billinge Hospital, Billinge, Nr. Wigan.
Bolton District General Hospital. |

LABORATORY FACILITIES.

Laboratories at Leigh, Wigan and Bolton Infirmaries and the Regional Laboratory 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 Infirmeries. Facilities for special chest cases at Chest Clinic, Leigh Infirmary.

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, however, remains the most necessary pre-requisite for continued freedom.

DYSENTERY

14 notifications were received during the year, but three of these cases were not confirmed.

393 faecal specimens were submitted for examination, 101 of which were confirmed as infected.

ENCEPHALITIS.

No cases were notified.

ERYSIPELAS.

No cases were notified.

FOOD POISONING.

7 cases were notified, but none was confirmed.

MEASLES

521 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.

PNEUMONIA.

No cases were notified.

PUERPERAL PYREXIA.

No cases were notified.

SCARLET FEVER.

8 cases were notified.

SMALLPOX (VARIOLA)

No cases were notified.

TUBERCULOSIS.

During the year 11 cases of pulmonary and none of non-pulmonary infection were notified, compared with 8 and 2 respectively in the previous year.

TYPHOID FEVER.

No cases were notified.

WHOOPI NG COUGH.

No cases were notified.

ANTHRAX.

One case (non-fatal) was notified and confirmed as "Clinical Anthrax, of unknown origin".

In September my attention was drawn to an unusual skin lesion by the family doctor of the patient. This had been treated by adequate doses of antibiotics and aroused clinical suspicions in the mind of a Consultant Dermatologist. The patient was then referred to Hospital and seen by the Consultant in Infectious Diseases. He expressed a categorical opinion that the illness was clinical anthrax but it was impossible to obtain bacteriological confirmation owing to the effect of the treatment. Investigation at the place of work proved completely negative which was perhaps not surprising in view of the fact that only man-made fibres were processed. No other potential source came to light.

SECTION "D"

REPORT BY THE

CHIEF PUBLIC HEALTH INSPECTOR

OF THE

SANITARY CIRCUMSTANCES

OF THE AREA

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GENERAL SANITARY ADMINISTRATION.

COMPLAINTS AND ENQUIRIES.

726 complaints and 606 enquiries were received in the office. These are classified in the following tables.

COMPLAINTS.

Defective Drains	25
" Closets	52
" Windowframes	12
" Doors	9
" Eavesgutters	12
" House Roofs	5
" Yard Surface	1
" Floors	7
" Wall and Ceiling Plaster	7
" Fireplaces	3
" Chimneys	3
Dampness due to various causes	17
Insufficient and inadequate water supply	7
Noise	3
Overcrowding	9
Verminous Houses	38
Dirty Houses	6
Rain Penetration	19
Rats and Mice	406
Miscellaneous	85
	<hr/>
TOTAL	726

CLASSIFICATION OF ENQUIRIES MADE IN THE OFFICES OF THE DEPARTMENT

	<u>1962</u>	<u>1963</u>	<u>1964</u>
Certification of Vaccination Certificates	530	169	166
Enquiries regarding complaints previously made	10	15	9
" " slum clearance	220	187	186
" " Rent Act	3	4	-
" " Food Hygiene Regulations	14	16	22
" " Overcrowding	2	3	3
" " Licences	6	4	1
" " Dustbins	5	4	-
" " Clean Air Act	433	3138	25
Water Supply	8	27	31
Miscellaneous	109	130	163
	<hr/>	<hr/>	<hr/>
TOTAL	1340	3697	606

SUMMARY OF VISITS BY THE PUBLIC HEALTH INSPECTORS

	Inspections	Re-inspections	Total	Defaults found	Defaults remedied
DWELLINGHOUSES:-					
Public Health Act	317	588	905	269	435
Housing Acts	21	129	150	-	-
Overcrowding	6	4	10	-	-
Improvement Grants	182	-	182	-	-
Houses - Verminous	48	18	66	1	3
" - Non-Verminous	5	4	9	1	1
GENERAL SANITATION:-					
Tents, Vans & Sheds	5	2	7	-	-
Places of Entertainment	17	1	18	-	-
Marine Store Dealers	4	-	4	-	-
Infectious Diseases	40	13	53	-	-
Schools	45	3	48	-	-
Premises - Animals Kept	9	2	11	1	-
Prevention of Damage by Pests Act	23	29	52	-	-
Farms	6	-	6	-	-
Tips	10	-	10	-	-
Drain Testing - Buildings	18	3	21	2	1
Watercourses	5	-	5	-	-
Smoke Observations	10	-	10	-	-
Pet Animals Act	7	1	8	-	-
Waste Food Order	1	-	1	-	-
Clean Air Act	40	5	45	-	-
Animal Boarding Establishments	1	-	1	-	-
Hairdressers' Byelaws	53	8	61	3	2
Offices, Shops & Railway Premises Act	4	1	5	1	-
Miscellaneous	1234	69	1303	3	2
SHOPS ACT:-	13	-	13	-	-
FACTORIES ACT:-					
Mechanical Power	161	-	161	-	-
Non-Mechanical Power	11	-	11	-	-
FOOD PREMISES:-					
Markets	51	-	51	3	-
Bakehouses	31	22	53	29	12
Canteens	62	7	69	10	3
Cafes and Restaurants	45	19	64	7	13
Dairies and Milk Shops	5	-	5	2	1
Grocers Shops	194	26	220	35	23
Butchers Shops	51	9	60	18	12
Slaughterhouses	890	4	894	1	-
Greengrocers	16	3	19	11	-
Fish Friers	27	7	34	13	3
Wet Fish Shops	13	5	18	3	-
Confectionery Shops	51	7	58	2	1
Food Warehouses	21	4	25	7	1
Licensed Premises	21	6	27	7	4
Hawkers Vehicles	9	8	17	8	8
Ice Cream Shops and Vehicles	11	-	11	2	-
TOTALS	3794	1007	4801	439	525

INFECTIOUS DISEASES - INVESTIGATION
AND DISINFECTION.

40 visits of investigation and 13 re-visits were paid to premises where infectious diseases had occurred. Library Books were disinfected when necessary.

Sales of Disinfectant and insecticides by the Department realised £154.4s.11d. against £144.15s.2d. last year.

DISINFESTATION.

75 visits were made by the Public Health Inspectors in the course of investigation of vermineous premises.

A total of 86 premises were treated by the Disinfestation Staff as follows:-

Houses	36
Business Premises	32
Other Premises	18

The Department provides a complete disinfestation service which is available to the public and industrial undertakings both for treatment and advice on any infestation problem. For this work £172.19s.7d. was re-charged during the year.

TESTING OF DRAINAGE SYSTEMS.

21 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	18,257
Number of waste water closets	196 (approx.)
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.

CONVERSION OF WASTE WATER CLOSETS.

During the year 3 applications were received and approved for grants towards the conversion of waste water closets to fresh water closets. A grant of £10 was made in each case.

SEWAGE 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.

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.

MARINE STORE DEALERS.

There are four premises registered as Old Metal and Marine Store Dealers in the Borough. One application for registration was made during the year. In all cases of new registrations the Police are informed.

PET ANIMALS ACT, 1951.

Seven licences to keep Pet Shops have been issued during the year. Not all licence holders are actually selling animals.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

One licence authorising the keeping of a Boarding Establishment for animals was issued during the year.

PUBLIC BATHS.

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

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

TENTS, VANS AND SHEDS.

There are two licensed caravan sites in the Borough each containing one caravan. 7 visits were paid to itinerant caravans which were parked for varying periods before moving. These continue to give rise to complaints and are a source of trouble to the Department.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

This Act governs the conditions under which rag flock is manufactured and stored, and controls the use of this and other filling materials for upholstery and such purposes. Standards of cleanliness of filling materials are prescribed by Regulation and certain premises require to be registered by the local authority.

One firm carrying out upholstery work is registered by the Council. There are no premises manufacturing rag flock in the Borough.

MORTUARY.

The Public Mortuary is controlled and staffed by the Department.

During the year 115 bodies were received, of these 30 were from adjoining districts.

Reason for Admission	1960	1961	1962	1963	1964
Accidents	3	5	4	6	8
Suicide	6	5	4	3	7
Natural Causes	66	74	61	68	61
Misadventure	-	-	-	1	-
Open Verdict	2	2	2	2	-
Industrial Causes	-	-	-	-	9
Out of District	45	16	14	21	30

REFUSE COLLECTION.

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

Number of movable ashbins	18,330 (approx.)
Number of ashbins emptied	898,170 (approx.)
Refuse dealt with at Destructor	12 tons
Refuse delivered to tip	22,826 tons (approx.)

NOISE ABATEMENT ACT, 1960.

The Noise Abatement Act, 1960 came into force on the 27th November, 1960 and made noise or vibration, which is held to be a nuisance, capable of being dealt with under the Public Health Act, 1936. There have been 4 complaints received during the year and 18 visits of investigation made.

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 61 visits were made to such establishments during the year.

THE 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 Local Authority is responsible for appointing the necessary staff to enforce the general provisions of the Act in their area, and in this respect the Council authorised the appointment of an additional Public Health Inspector and a Clerk expressly for these duties. Since, however, it has proved impossible to recruit a Public Health Inspector, the appointment of a Clerk has been held in abeyance.

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

Class of Premises	No.	No. of persons employed
Offices	97	1033
Retail Shops	271	1139
Wholesale Shops/Warehouses	21	201
Catering Establishments and Canteens	28	237
Fuel Storage Depots	1	1
TOTALS	418	2611

WATER SUPPLY.

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

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

Weekly sampling of the Town's mains water is undertaken, 105 samples being submitted for bacteriological examination.

One sample was submitted for chemical analysis, with the following result (expressed in parts per million):-

Oxygen absorbed from permanganate in 15 mins.	0.16
Oxygen absorbed from permanganate in 3 hrs.	0.28
Ammonia	0.04
Albuminoid Ammonia	0.02
Nitrogen as Nitrates	0.55
Nitrogen as Nitrites	Faint Trace
Combined Chlorine	14
Lead	Nil
Zinc	Nil
Copper	Nil
Total Iron	0.05
ph. value	7.5
Total solids in solution	100
Free Chlorine	0.09
<hr/>	
Number of houses with direct supply from the mains	15,355
Number of houses supplied by standpipe	1
Number of houses with private supply (These are premises beyond the point of supply by mains)	7
<hr/>	
Number of letters to Makerfield Water Board enquiring as to sufficiency of supply	13

FACTORIES ACT, 1961.

Number of Factories on the Register at the end of the year	174
<u>CLASSIFICATION</u>	
Cotton and Rayon Textile Manufacturers	18
Reed Makers	1
Tailors and Garment Makers	8
Brick Makers	3
Builders, Builders' Merchants and Stonemasons	13
Joiners and Cabinet Makers	16
Earthenware Manufacturers	1
Bakehouses	18
Maltsters	1
Bottlers of Ales, etc.	2
Mineral Water Manufacturers	2
Slaughterhouses	2
Toffee Works	1
Shoeing Forge	1
Coach Builders	2
Engineers and Iron Founders	10
Motor Vehicle Repairers	20
Scrap Metal Dealers	3
Sheet Metal Workers and Welders	5
Boot and Shoe Repairers	10
Brush, Skip and Hamper Makers	2
Cable Makers	1
Coffin Makers	1
Launderers and Dry Cleaners	7
Paint Manufacturers	1
Printers	6
Rope Works	1
Radio and T.V. Repairers	3
Wire Works	1
Others	12

T O T A L

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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	10	11	-	-
Factories not included in (1) in which Section 7 is enforced by Local Authority	159	161	21	-
Other premises in which Section 7 is enforced by Local Authority (excluding outworkers premises)	5	-	-	-
TOTALS	174	172	21	-

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	6	1	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences:-					
(a) Insufficient	2	2	-	2	-
(b) Unsuitable or defective	125	73	-	7	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	-	-	-	-	-
TOTALS	133	76	-	9	-

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) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutio (7)
Wearing apparel (making etc.)	6	-	-	-	-	-

SMOKE ABATEMENT AND ATMOSPHERIC POLLUTION.
THE CLEAN AIR ACT, 1956.

SMOKE ABATEMENT.

The effects of Circular 69/63 of the Ministry of Housing and Local Government, in which the Minister drew the attention of Local Authorities to the position regarding the availability of smokeless fuels, have been to cause the Council to defer declaring any future Smoke Control Areas. Criticism of the comparative cost of these fuels was made by the public in the existing Nos. 1, 2 and 3 Areas, although by and large the necessity for Smoke Control was not disputed. This Council has recently supported other authorities in an approach to the Minister to re-consider the making of grants to householders wishing to instal smokeless appliances, whether or not they were included in Smoke Control Areas, in order to encourage the installation of such appliances.

ATMOSPHERIC POLLUTION.

10 observations were made on industrial chimneys, but no emission exceeded the statutory period.

The Authority is a member of both the North Western Division of the National Society for Clean Air and the Manchester and District Regional Smoke Abatement Committee.

COLLIERY SPOILBANKS.

Those in the Bedford area of the town continued to give rise to justifiable complaints. Despite past promises the National Coal Board has not always given the attention to these smouldering heaps which they merit when one considers their proximity to dwellings. Reports are made on the conditions of these spoilheaps to the Health Committee every month.

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 tables on the following pages give the comparative results of the investigation.

VOLUMETRIC APPARATUS (Continued)

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 1964 and the corresponding figures for 1963.

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	
	1963	1964	1963	1964	1963	1964	1963	1964	1963	1964	1963	1964
January	512	437	1532	1728	180	72	500	389	1306	1412	233	141
February	398	201	972	1076	200	44	418	222	815	729	254	37
March	215	237	584	400	96	52	171	303	520	708	43	75
April	209	120	776	400	56	52	216	129	697	243	103	24
May	104	65	284	216	56	24	104	122	209	318	50	63
June	63	63	124	184	40	12	104	142	293	290	52	75
July	80	50	248	184	36	16	133	146	292	301	66	96
August	65	77	196	256	8	32	98	173	249	334	52	80
September	168	102	544	480	40	40	155	176	461	449	74	99
October	129	263	394	716	52	44	187	315	422	816	73	123
November	197	295	720	1048	32	84	265	312	661	1458	67	92
December	327	345	1272	1540	108	44	323	367	989	1266	170	114

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	
	1963	1964	1963	1964	1963	1964	1963	1964	1963	1964	1963	1964
January	453	373	1292	1192	170	56	500	85	1306	262	233	23
February	322	290	856	800	156	36	205	72	545	157	132	34
March	181	283	524	620	52	108	105	127	376	197	54	57
April	179	113	724	316	52	16	53	61	186	136	23	22
May	136	69	312	244	66	36	29	95	117	297	10	57
June	48	57	104	132	16	8	30	105	102	254	11	35
July	63	42	232	156	28	8	27	96	70	210	11	65
August	58	82	196	348	20	28	29	123	182	328	11	73
September	143	92	404	368	44	16	29	125	118	257	10	57
October	163	248	394	688	40	40	32	210	164	503	6	81
November	202	259	644	956	40	88	17	165	58	835	6	35
December	337	324	1232	1332	96	68	98	176	439	396	12	46

CH A P E L S T R E E T

Month	Smoke in microgrammes per cubic metre						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1963	1964	1963	1964	1963	1964	1963	1964	1963	1964	1963	1964
January	326	275	924	920	92	40	402	254	1300	784	195	83
February	206	148	624	448	88	44	269	208	660	515	70	70
March	121	126	372	200	32	64	171	200	520	379	43	50
April	131	105	456	336	28	12	157	102	538	252	57	45
May	129	62	284	192	60	20	82	126	207	331	15	45
June	57	68	136	176	20	32	80	133	227	236	44	90
July	66	44	192	168	36	8	76	141	234	269	34	79
August	78	58	176	236	48	12	71	145	211	274	33	69
September	133	78	404	316	56	12	120	151	362	300	63	74
October	128	190	392	596	52	56	150	229	398	485	17	140
November	167	208	604	692	28	76	155	235	342	1084	23	60
December	212	207	816	944	36	28	292	261	886	751	112	72

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

M A N C H E S T E R R O A D

Month	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
January	12.22	25.94	-	-	15.98	14.51	13.07	26.04	11.46	8.45
February	11.12	6.29	12.53	-	8.11	13.45	12.15	10.68	12.90	10.78
March	10.51	15.60	14.23	-	12.79	15.40	10.71	12.60	14.13	12.53
April	13.07	17.32	11.80	12.93	12.22	10.53	14.64	9.95	13.72	6.77
May	10.74	13.68	19.82	13.24	11.26	18.55	10.20	12.21	14.99	11.53
June	14.17	21.08	18.79	14.34	17.34	10.89	12.14	11.50	13.66	14.02
July	8.94	19.15	19.20	13.34	10.99	12.32	11.78	14.71	gauge not submit- ed	19.08
August	10.30	19.71	19.92	11.57	4.96	12.32	9.85	16.45	17.11	12.52
September	14.03	17.58	19.74	12.60	14.54	9.17	11.42	9.68	14.12	10.51
October	16.84	15.27	-	10.85	15.27	12.96	13.11	16.87	11.67	10.37
November	10.16	21.55	-	11.93	12.45	20.96	12.35	8.96	17.69	13.96
December	22.78	13.59	-	14.74	14.40	14.07	12.84	18.16	9.27	15.88
TOTAL	154.88	206.78	136.03	115.54	151.51	165.13	144.26	167.81	150.72	146.40
Average per month	12.90	17.23	17.00	12.84	12.62	13.76	12.02	13.98	13.70	12.20

SOLID MATTER DEPOSITED

Tons of solid matter per square mile

TOWN HALL

Month	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
January	15.84	35.32	27.64	27.21	26.68	21.00	14.50	32.58	30.39	27.60
February	8.50	21.18	28.61	18.44	-	16.90	41.92	22.01	30.45	26.93
March	15.57	45.35	30.92	28.42	-	17.02	11.44	31.29	30.70	20.90
April	93.61	32.57	33.50	25.31	33.32	20.45	24.17	35.26	24.18	26.18
May	32.70	23.93	-	75.84	21.65	22.01	15.31	23.23	20.85	22.48
June	34.14	21.98	23.40	20.28	24.16	14.90	13.39	6.70	20.90	19.12
July	15.40	31.00	24.01	16.50	15.36	17.14	19.51	6.33	14.11	20.56
August	22.41	39.33	32.24	13.08	12.34	15.94	17.87	102.27	19.08	21.88
September	-	37.18	22.13	21.24	17.84	13.34	16.38	21.82	22.88	18.60
October	31.51	20.22	28.82	19.01	24.12	18.68	16.20	22.36	19.07	19.07
November	19.27	24.48	14.80	13.74	23.86	26.37	25.71	16.80	25.54	22.80
December	39.26	22.48	42.18	28.12	20.27	19.95	12.41	27.37	25.61	22.08
TOTAL	328.21	355.02	308.25	307.19	219.60	223.70	228.81	348.02	283.76	268.20
Average per month	29.83	29.58	28.02	25.60	21.96	18.64	19.06	29.00	23.65	22.35

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	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
January	17.65	14.48	14.21	-	19.85	21.73	10.71	22.52	10.90	12.86
February	9.49	4.20	13.69	15.31	6.50	12.34	14.86	12.83	13.24	10.94
March	16.40	5.40	13.92	18.23	11.93	13.90	7.73	13.51	12.94	39.25
April	18.92	53.74	15.30	13.76	10.22	27.94	14.10	9.96	11.62	8.39
May	13.89	15.40	14.89	18.09	9.70	25.10	10.22	13.11	12.90	13.10
June	17.47	11.52	17.37	16.86	21.48	9.60	10.01	8.67	17.90	8.63
July	10.00	19.88	14.86	15.17	11.72	18.09	15.72	27.00	6.60	13.30
August	11.18	22.29	21.07	11.51	5.53	11.86	18.85	12.16	13.13	8.43
September	14.86	18.05	19.74	17.47	11.07	12.73	12.52	4.98	13.41	9.60
October	16.89	13.72	16.92	9.18	19.85	12.58	21.48	21.10	10.63	9.73
November	8.70	15.24	9.39	12.52	15.85	15.09	22.59	7.53	20.57	17.37
December	26.76	15.06	16.89	15.95	16.67	16.37	12.66	18.74	7.66	14.99
TOTAL	182.21	208.98	188.25	164.05	160.37	197.33	171.45	172.11	151.50	166.59
Average per month	15.18	17.41	15.68	14.91	13.36	16.44	14.29	14.34	12.62	13.88

H O U S I N G.

In the proposals submitted to and approved by the Ministry of Housing and Local Government in 1955, it was estimated that 970 houses required to be dealt with and, as will be seen from the particulars given below, 727 have been dealt with by the end of this year.

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	88	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
TOTAL	479	294	773	1311	822	2133

The technical difficulties which resulted in the slowing down of the Slum Clearance Programme for a year or so have been resolved during this year, and 84 houses were represented in two Clearance Areas and one Compulsory Purchase Order. These were confirmed by the Minister without modification. Five individual houses were also dealt with, making a total for the year of 89. Additionally a further area of 24 houses was in process of representation.

The 5 individual houses, dealt with in pursuance of section 16 of the Housing Act, 1957, are:-

Address	No. of Houses	No. of persons displaced
86 Dakins Lea	1	3
35 Mill Lane	1	4
20 Doctors Nook	1	2
36 Edale Road	1	2
42 Edale Road	1	1

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED

FROM 1954 TO 31st DECEMBER, 1964.

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	11	31		
	Individual Houses			35	104
1955	Alma Street Individual Houses	5	21	3	7
1956	Tickle Street	6	21		
	Kenyon Street	4	8		
	Taylor Street	3	11		
	Hulmes Buildings	4	15		
	Ditchfield Street	8	29		
	Westwell Street (No.2)	11	43		
	Westleigh Lane (No.9)	5	20		
	Ann Street Individual Houses	3	9	7	27
1957	Westleigh Lane (No.8)	3	6		
	Brooks Houses (No.1)	4	11		
	Siddow Common (No.3)	6	15		
	Welch Hill Street (No.4)	5	15		
	Welch Hill Street (No.5)	5	17		
	Individual Houses			72	187
1958	Back Brown Street	4	18		
	Twist Lane (No.3)	6	14		
	Sendersons Croft	6	22		
	Deans Row	12	30		
	Warrington Road (No.5)	5	18		
	Birchall Street	8	16		
	River Street	8	21		
	Mill Street	5	16		
	Duke Street (No.1)	7	24		
	Sizehouse Place	5	13		
	Cross Street (No.3)	6	14		
	Plank Lane (No.3)	6	18		
	Duke Street (No.2)	5	12		
	Twist Lane (No.4)	10	30		
	Leigh Street Individual Houses	7	17	72	194
	c/fwd.	183	555	189	519

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED

FROM 1954 TO 31st DECEMBER, 1964 (Continued)

Year		Clearance Areas		Individual Houses	
		No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
	b/fwd.	183	555	189	519
1959	Princess Street	21	57		
	Dukinfield Street	10	26		
	Dukinfield Street (No.2)	5	15		
	Dukinfield Street (No.3)	18	45		
	Dukinfield Street (No.4)	12	37		
	High Street	16	45		
	Individual Houses			31	97
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		
	Derby Street West (No.1)	5	14		
	Derby Street West (No.2)	6	16		
	Derby Street West (No.3)	12	26		
	Brown Street South	8	16		
	Individual Houses			14	53
1961	Warrington Road (No.6)	4	9		
	Nel 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	Bedford Grove	6	15		
	Lord Street	6	12		
	Individual Houses			20	49
1964	College Street (No.1)	15	42		
	College Street (No.2)	7	29		
	College Street (No.3)	62	156		
	Individual Houses			5	12
	TOTALS	479	1311	294	822

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

3 Certificates of Permitted Numbers were issued respecting 2 houses and 4 flats.

PROVISION OF NEW HOUSES.

(a)	Total		207
	(i) By Local Authority	Houses	2
		Flats	16
	(ii) By other Local Authorities	Houses	2
	(iii) By other bodies or persons	Houses	187
(b)	With State assistance under the Housing Acts:-		
	(i) By Local Authority	Houses	2
		Flats	16
	(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.	338
	(b)	Number of inspections made for the purpose	1055
(2)	(a)	Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925.	21
	(b)	Number of inspections made for the purpose	150
(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.	269

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority. 50

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	N11
(2)	Number of 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)	Number of dwellinghouses in respect of which notices were served requiring defects to be remedied.	133
(2)	Number of dwellinghouses in which defects were remedied after service of formal notice:-	
(a)	By owners	38
(b)	By Local Authority in default of Owners	7

3. ACTION UNDER STATUTORY POWERS (Continued).

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

(1)	Number of dwellinghouses in respect of which Demolition Orders were made	1
(2)	Number of dwellinghouses demolished in pursuance of Demolition Orders	1
(3)	Number of dwellinghouses closed in pursuance of Closing Orders	4

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	N11
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	N11

4. HOUSING ACT, 1957 - OVERCROWDING.

	Number of cases of overcrowding investigated during the year	3
	Number of cases of overcrowding confirmed during the year	N11
	Number of families involved	3
	Number of persons dwelling therein	14
	Number of families re-housed	1
	Number of persons involved	2

The Housing Committee allocate Corporation Houses on a points scheme.

At the end of the year there were 901 applicants on the Corporation housing list, of which 345 were living in lodgings.

RENT ACT, 1957.

	Number of applications for Certificates of Disrepair (Form I)	2
	Number of Certificates of Disrepair authorised to be issued - in full	-
	Number of Certificates of Disrepair authorised to be issued - in part	1
	Number of applications for Certificates of Disrepair refused	-
	Number of Undertakings from Landlords to remedy defects (Form K)	1
	Number of Undertakings from Landlords accepted	1
	Number of Undertakings from Landlords refused	-
	Number of Certificates of Disrepair issued (Form L)	1
	Number of applications for Cancellation of Certificates of Disrepair (Form M)	-
	Number of Certificates of Disrepair cancelled	-
	Number of Refusals to cancel Certificates of Disrepair	-
	Number of Applications for Certificates re remedying of defects (Form O)	-
	Number of 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.

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:-

STANDARD GRANTS.

	<u>1963</u>	<u>1964</u>
Number of applications received	162	130
Number of applications approved	153	120
Number of applications refused	2	10
Number of applications withdrawn	3	-
Total amount of grants paid	£10,685.10s.0d.	£12,649.14s.0d.
Total amount of advances towards balance of cost of work	£ 3,881.10s.0d.	£ 3,497.5s.0d.

DISCRETIONARY GRANTS.

Number of applications received	27	34
Number of applications received from private owners	19	26
Number of applications received from landlords	8	8
Number approved for grant - private owners	17	23
Number not approved for grant - private owners	-	3
Number approved for grant - landlords	8	7
Number not approved for grant - landlords	-	1
Number of applications withdrawn	2	-
Total amount of grants authorised	£ 3,636. 0s.0d.	£ 3,415. 0s.0d.
Total amount of grants paid	£ 4,314. 0s.0d.	£ 2,677. 0s.0d.
Total amount of advances towards balance of cost of work	£ 2,785.10s.0d.	£ 787.10s.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:-

<u>Nature</u>	<u>Found</u>	<u>Remedied</u>
Drains	41	41
Roofs	27	39
Eavesgutters	18	36
Rainwater pipes	3	10
Walls External : Defective Brickwork	1	14
" " Dampness penetrating	1	2
Walls Internal : Damp wallplaster	30	44
" " Defective wallplaster	8	26
" " Defective ceiling plaster	6	20
Sinks	-	1
Sink waste pipes	1	16
Floors	12	10
Window frames : Defective Woodwork	7	19
" " Sashes and inadequate ventilation	13	21
" " Glazing	-	-
Doors	18	30
Fire Ranges : Smoke emission	2	2
" " Defective	-	3
Insufficient Water Supply	14	2
Closets : Fresh Water	58	85
" Waste Water	-	3
Yards and Passages	2	15
Other Defects	7	6
	<hr/>	<hr/>
TOTAL	269	445
	<hr/> <hr/>	<hr/> <hr/>

Repairs were carried out in default of owners, following service of Statutory Notices under the Public Health Act 1936, at a total cost of £65.0s.9d.

Repairs to defective drains were carried out under signed orders from the owners of the property at a cost of £126.2s.4d. which was fully recovered.

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)	3
Public Health Act, 1936		
Section 39	Defective Sinks	-
Section 39	Drainage (Sub-soil drains)	2
Section 39	Gutters, Downspouts	15
Section 45	Defective Water Closets	31
Section 93	Conditions prejudicial to health	71
Section 138	Insufficient water supply	11
		<hr/>
		133
		<hr/> <hr/>

INSPECTION AND SUPERVISION OF FOOD.

CLASSIFICATION OF PREMISES VISITED BY PUBLIC HEALTH INSPECTORS.

	<u>No. of visits paid</u>
Markets	51
Bakehouses	53
Canteens and Restaurants	133
Dairies and Milkshops	5
Grocers' Shops	220
Greengrocers' Shops	19
Fish Friers	34
Wet Fish Shops	18
Confectionery Shops	58
Food Warehouses	25
Hotels and Public Houses	27
Butchers' Shops	57
Butchers' Mobile Shops	3
Slaughterhouses	894
Ice Cream Manufacturers	6
Ice Cream Shops and Vehicles	5
Hawkers' Vehicles	17
	<hr/>
TOTAL	1625
	<hr/> <hr/>

INFRINGEMENTS OF FOOD HYGIENE REGULATIONS 1955 DEALT WITH.

		<u>Defects</u> <u>found</u>	<u>Defects</u> <u>remedied</u>
Ref. 6	Cleanliness of equipment	21	4
" 8	Risk of contamination	10	6
" 14	Defective closets, etc. Notices re washing	38	12
" 16	Wash-hand basins, water supply, soap, nailbrush, drying facilities not provided	28	11
" 17	First Aid equipment not provided	27	9
" 18	Accommodation for clothing, etc.	4	2
" 19	Facilities for washing food and equipment	5	6
" 21	Ventilation	1	1
" 23	Cleanliness and repair of Food Rooms	137	42
" 24	Refuse	2	-
TOTALS		<u>273</u>	<u>93</u>

Having had two applications for adjournment granted on behalf of the defendant, three summonses for breaches of Section V of the Food Hygiene Regulations were finally heard on the 26th November at Leigh Magistrates Court. These were for (a) failure to provide hot water (b) failure to provide a nail brush and towel and (c) failing to provide a receptacle for refuse. These breaches related to the use of a motor tricycle which was used for the sale of open food viz:- hamburgers. The Court imposed fines of £5 on each summons and awarded an advocate's fee of £3.3s.0d.

BAKEHOUSES.

Number of Bakehouses on register	27
Number of inspections in the year	53
Number of defects found	29
Number of defects remedied	12

SLAUGHTERHOUSES.

Number of licensed slaughterhouses in the Borough	2
---	---

The owners of each slaughterhouse having given notice of their intention to slaughter daily, except Sundays, throughout the year has necessitated the attendance of an inspector each day.

SLAUGHTER OF ANIMALS ACT, 1958.

There are 10 slaughtermen holding licences granted by this Authority.

It was not found necessary on any occasion to seek formal condemnation by Magistrate's Order. Condemned meat is dealt with through an authorised disposal unit.

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

NUMBER OF CATTLE EXAMINED AND
CONDENMATIONS FOR TUBERCULOSIS AND OTHER CONDITIONS.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	2,843	661	9	13,498	34,239
Number inspected	2,843	661	9	13,498	34,239
All Diseases except Tuberculosis - Whole Carcasses Condemned	1	8	1	12	123
Carcasses of which some part or organ was condemned	1,054	347	-	1,771	8,440
Percentage of the number inspected affected with disease or parasitic conditions other than Tuberculosis	37.1	53.7	11.1	13.2	25.0
<u>TUBERCULOSIS:</u>					
Whole Carcasses condemned	2	-	-	-	1
Carcasses of which some part or organ was condemned	2	-	-	-	122
Percentage of the number inspected affected with Tuberculosis	0.14	-	-	-	0.36

PERCENTAGE CONDEMNATIONS FOR TUBERCULOSIS

Year	Cattle excluding Cows	Cows	Calves	Pigs
1945	4.60	64.00	-	8.82
1946	9.96	57.61	-	6.92
1947	9.18	61.52	-	4.12
1948	6.90	36.36	0.44	5.32
1949	7.10	36.90	0.40	6.90
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

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 6 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.

During the Aberdeen typhoid outbreak your inspectors made 199 visits to grocers' shops and food warehouses in an endeavour to trace suspected cans of corned beef. The trade was most helpful and 111 6lbs cans were withdrawn from sale.

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 (Raw)	-	-	-	-	3	-
Meat (Canned)	1012	1	9	3	7	1
Fruit	2111	-	18	-	1	6
Vegetables	910	-	7	2	-	14
Milk	279	-	1	3	1	9
Fish	226	-	-	3	6	4
Soups	84	-	-	2	9	5
Sundries	529	-	2	3	21	7
Total	5151	3	1	1	22	14

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.

This year it has not been possible to maintain the required rate of Food and Drugs Act sampling on account of the shortage of public health inspectors.

102 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 - 1964.

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity.
	Formal	Inf.	Priv.	Total	
Butter	-	1	-	1	-
Cheese	-	6	-	6	-
Chicken, Canned	-	1	-	1	1
Cream, Double	-	2	-	2	-
Cream, Sterilised	-	1	-	1	-
Dairy Produce, Canned (Best of the Milk)	-	1	-	1	-
Fish Cakes	-	2	-	2	-
Fish, Canned	-	2	-	2	-
Fish Canned (Shrimps)	1	2	-	3	3
Flour Confectionary	-	1	-	1	-
Fruit, Canned	-	1	-	1	-
Fruit Curd	-	2	-	2	1
Fruit Juice, Canned	-	1	-	1	-
Herbal Tablets	-	1	-	1	-
Honey	-	1	-	1	-
Ice-Cream	-	2	-	2	-
Ice-Cream, Hot Mix	-	2	-	2	-
Jam	-	2	-	2	-
Margarine	-	1	-	1	-
Meat, Canned	-	4	-	4	1
Meat, Cooked	-	1	-	1	-
Meat, Frozen	-	2	-	2	-
Milk	-	30	-	30	3
Milk, Channel Islands	-	1	-	1	-
Mincemeat	-	1	-	1	-
c/fwd.	1	71	-	72	9

ANALYSIS OF FOOD SAMPLES - 1964.

(Continued)

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity.
	Formal	Inf.	Priv.	Total	
b/fwd.	1	71	-	72	9
Oatmeal	-	1	-	1	-
Pickles	-	2	-	2	-
Sauce, Parsley	-	1	-	1	-
Sausages, Beef	-	4	-	4	-
Sausages, Pork	-	8	-	8	-
Sausages, Canned	-	1	-	1	-
Soft Drink (to be diluted)	-	2	-	2	-
Soup, Canned	-	1	-	1	-
Soup Mixture, Dried	-	1	-	1	-
Spaghetti, Tomato and Cheese Sauce, Canned	-	1	-	1	-
Sweets (Milk Chocolate with nuts, chocolate and sweets containing butter)	-	5	-	5	1
Tonic	-	1	-	1	-
Vegetables, Dehydrated	-	2	-	2	-
TOTALS	1	101	-	102	10

A D U L T E R A T E D S A M P L E S 1 9 6 4 .

Number of Sample	Description	Nature of adulteration or irregularity	Observations
800	Fish, Canned (Shrimps) (Informal)	Contained 170 parts per million of formaldehyde.	Advised further sample be obtained.
821	Milk (Informal)	Contained 0.01 I.U. penicillin per ml.	Producer and Milk Marketing Board communicated with.
833	Meat Canned (Informal)	Meat content only 71.5 per cent. Recommended standard 75.0 per cent. meat. Words "Beef Steak" on label printed in much more conspicuous lettering than words "With Gravy". All words in name of food should be given equal prominence.	Importers communi- cated with.
836	Milk (Informal)	Contained 0.01 I.U. penicillin per ml.	Producer and Milk Marketing Board informed.
838	Milk (Informal)	Contained 0.01 I.U. penicillin per ml.	Producer and Milk Marketing Board informed.
844	Shrimps, Canned (Informal)	Contained 670 parts per million benzoic acid and 80 parts per million formaldehyde.	Formal sample advised. See sample No. 866.
866	Shrimps, Canned (Formal)	Contained 26 parts per million formaldehyde.	No action advised.
897	Chicken, Canned (Informal)	Contained 50.0 per cent. chicken including bone. Poor in chicken content. Description of contents should be "whole chicken in chicken broth".	Importers agreed to amend labels.

ADULTERATED SAMPLES 1964.

(Continued)

Number of Sample	Description	Nature of Adulteration or irregularity	Observations
909	Fruit Curd (Informal)	No name of the food and no declaration of net weight.	Manufacturer commi- cated with and Weights and Measures Inspector informed.
915	Butter Toffee (Informal)	Sample contained only 1.25 per cent. butterfat (total fat 13.4 per cent.). Should contain 4.0 per cent. butter or the word "Flavoured" with butter.	Vendor communicated with.

SUMMARY OF SAMPLES SUBMITTED.

1955 - 1964

Year	No. of Samples Submitted	Number adulterated or otherwise giving rise to irregularity
1955	159	9
1956	159	12
1957	137	7
1958	141	14
1959	142	13
1960	115	8
1961	155	16
1962	126	10
1963	138	10
1964	102	10

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 154

Number of Registered dairies in the Borough 2

Year	Number of Samples	Fat	Solids-not-Fat	Total Solids	Percentage Adulteration
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
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
Average		3.69	8.59	12.28	6.4

BACTERIOLOGICAL AND BIOLOGICAL EXAMINATION OF MILK SAMPLES

Designation	Number taken	N A T U R E O F T E S T										
		Methylene Blue		Void	Turbidity Test		Phosphatase Test		Tubercle Bacilli			
		Satis- factory	Unsatis- factory		Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory	Positive	Negative	No result	
Tuberculin Tested	49	38	7	4	-	-	-	-	-	-	43	6
T.T. Pasteurised	45	43	-	2	-	-	45	-	-	-	-	-
Sterilised	34	-	-	-	34	-	-	-	-	-	-	-
T O T A L S	128	81	7	6	34	-	45	-	-	-	43	6

TABLE OF SAMPLES OF MILK SUBMITTED FOR METHYLENE BLUE TESTS

Type of Milk	No. of samples submitted	Satisfied the Test	Failed the Test	% Satisfactory
Tuberculin Tested	45	38	7	84.4%
T.T. Pasteurised	43	43	-	100%

TABLE OF SAMPLES OF MILK SUBMITTED FOR PHOSPHATASE TESTS

Type of Milk	No. of samples submitted	Satisfied the Test	Failed the Test	% Satisfactory
T.T. Pasteurised	45	45	-	100%

TABLE OF SAMPLES OF MILK SUBMITTED FOR TURBIDITY TESTS

Type of Milk	No. of samples submitted	Satisfied the Test	Failed the Test	% Satisfactory
Sterilised	34	34	-	100%

ICE CREAM.

In accordance with Section 16 (1) (a) of the Food and Drugs Act, 1955, 3 premises were registered for the sale of Ice Cream during the year. 188 such premises now appear in the Register. There are four manufacturers of Ice Cream licensed in the Borough.

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

Grade I	4 samples
Grade II	1 sample

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

Year	Fats %	Total Solids %
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
1960	8.0	36.5
1961	6.9	34.4
1962	7.3	35.0
1963	8.7	35.1
1964	6.9	34.9
Average	7.8	35.0

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.

A hawker was prosecuted under the Food Hygiene Regulations, Part V, a report of the proceedings is given on page 59 of this report.

The number of persons on the register at the end of the year was 97.

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 62.

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 89.

RODENT CONTROL.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

During the year, as a result of complaints and continuous survey, 3,164 premises were inspected. 521 infestations were found and 13567 visits were made by the Rodent Operative during the course of treatment.

No resistance to the authorised rodenticides has been observed this year, although a watchful eye is kept on such a possibility during the course of the work.

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 £173.17s.10d., was recovered during the year.

SUMMARY OF VISITS MADE FOR PURPOSE
OF SURVEY.

Premises	Number of Visits	Test Baits Laid on Survey
Local Authority Premises	7	44
Houses	2167	967
Factories	52	131
Food Premises	73	283
Shops (Not Food)	41	57
Offices	22	62
Schools	3	-
Stables	1	10
Hen Runs	21	28
Slaughterhouses	12	106
Licensed Premises	13	60
Garages	250	259
Agriculture	38	51
Brooks and Waterways	36	162
Miscellaneous	10	10
TOTAL	2746	2230

SUMMARY OF VISITS FOR PURPOSES OF TREATMENT

Type of Premises	No. of Visits	Poisonous Baits						Estimated Kill Rats Only
		Rats		Mice		Taken	Taken	
		Laid	Taken	Laid	Taken			
Local Authority	39	494	127	50	10	65		
Dwellingshouses	10251	5751	1501	1471	451	775		
Factories	160	2309	499	1547	304	248		
Food Premises	177	621	101	1260	280	52		
Shops (Not Food)	22	33	8	105	22	5		
Offices	31	-	-	262	61	-		
Schools	42	52	14	544	98	7		
Stables	3	38	8	-	-	4		
Slaughterhouses	4	21	9	-	-	4		
Public Houses	40	219	53	137	44	27		
Clubs	22	30	2	156	38	1		
Garages	16	114	32	-	-	16		
Agriculture	3	48	8	-	-	4		
Waterways	8	124	46	-	-	23		
Miscellaneous	3	-	-	-	-	-		
T O T A L S	10821	9854	2408	5532	1308	1231		

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 10 years is given below:-

Year	Treat- ment No.	No. of Manholes treated	Baiting (2 days)		Poison Baiting			Estimated Kill
			Taken	Not Taken	Taken		Not Taken	
					Good	Small		
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		Warfarin Bait Used		
1958	26	101	78	23		- ditto -		
	27	106	35	71		- ditto -		
1959	28	110	26	84		- ditto -		
	29	118	38	80		- ditto -		
1960	30	86	17	69		- ditto -		
	31	36	21	15		- ditto -		
1961	32	55	23	32		- ditto -		
	33	50	16	34		- ditto -		
1962	34	53	13	40		- ditto -		
	35	103	30	73		- ditto -		
1963	36	106	29	77		- ditto -		
	37	69	15	44		- ditto -		
1964	38	94	28	66		- ditto -		
	39	105	18	87		- ditto -		

