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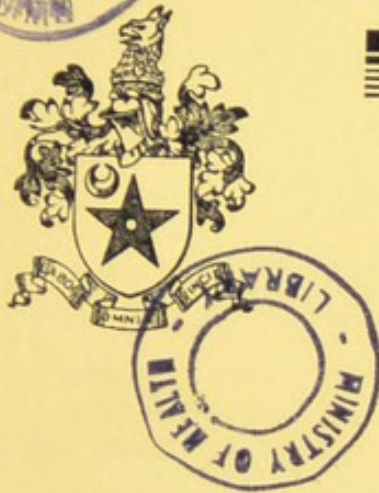
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BOROUGH OF
ASHTON-UNDER-LYNE


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ANNUAL REPORT

of the MEDICAL OFFICER OF HEALTH
and the
CHIEF PUBLIC HEALTH INSPECTOR

FOR THE YEAR

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BOROUGH OF ASHTON-UNDER-LYNE

Annual Report

of the

MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

For the Year 1964

Borough of Ashton-under-Lyne

1964

PUBLIC HEALTH COMMITTEE

(as at 31st December, 1964)

Chairman : Alderman W. H. Flowers, M.B.E., M.M.

Deputy Chairman : Councillor L. Hibbert

Members :

The Worshipful the Mayor,
Alderman John Holland, J.P.
Alderman A. Gantley, J.P.
Alderman T. Meredith
Councillor J. Baxter
Councillor J. E. Eason
Councillor R. G. Fish, J.P.
Councillor R. Gleave
Councillor Mrs. A. A. Hughes
Councillor J. A. Marsh (died December, 1964)
Councillor H. Nadin
Councillor J. Peace
Councillor F. Ruffley
Councillor W. P. Somerville
Councillor H. White

PUBLIC HEALTH STAFF

MEDICAL OFFICER OF HEALTH

Alan S. Simpson, M.B., B.S. (Lond.), M.R.C.S., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR

H. Houldsworth M.R.S.H., M.A.P.H.I. A.M. Inst. P.C.

DEPUTY CHIEF PUBLIC HEALTH INSPECTOR

D. D. Jagger, M.A.P.H.I., C.S.I.B.

ADDITIONAL PUBLIC HEALTH INSPECTORS

H. Lear M.A.P.H.I., C.S.I.B. (Resigned 5.7.64)

G. H. Wilkinson F.A.P.H.I., C.S.I.B.

John Winfield M.A.P.H.I., C.S.I.B.

A. P. Mellor M.A.P.H.I., C.S.I.B.

S. Howarth M.A.P.H.I., C.S.I.B.

I. J. Wilson (Pupil)

CLERKS

Mrs. E. Waddington (Senior), Mrs. M. Millman, Mrs. E. Heelam,
Miss P. Askey, Miss A. Turner.

TECHNICAL ASSISTANT CLEAN AIR

J. Cooper

MARKET PLACE
ASHTON-UNDER-LYNE

**TO THE MAYOR AND COUNCIL OF THE BOROUGH OF
ASHTON-UNDER-LYNE**

MR. MAYOR, MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have pleasure in reporting upon the health of the Borough for the year 1964.

The most noteworthy feature of the vital statistics is a further rise in the birth rate, the crude rate being 18·0 per 1,000 of the population (adjusted rate 19·5) ; this is the highest rate recorded since the post-war high figures.

Neither the perinatal mortality rate (40·8) nor the infantile mortality rate (31·4) are as low as one might have hoped, and it is clear that continuous attention is needed in the field of family child welfare to achieve a lower rate.

Unfortunately, there was one maternal death.

A most disturbing feature is a rise in the lung cancer deaths from 22 in 1963 to 31 in 1964 ; the number of deaths due to this preventable disease has thus doubled in the last 15 years. Undoubtedly this constitutes the most important public health problem confronting the community today. The measure necessary to prevent this loss of life is too well known to deserve repetition, but the manner in which cigarette smoking should be curtailed is a matter for much disagreement and very little real action emanates from central authority, other than exhortation.

Three diseases in Ashton are responsible for one-third of the total deaths—cancer of the lung, bronchitis and coronary thrombosis ; deaths from the latter disease have jumped from 104 in 1963 to 151 in 1964.

The town has been relatively free from any serious outbreaks of infectious disease, but the frequency of food poisoning and dysentery serves as a reminder of the need for the strictest surveillance of food catering establishments and communal feeding in general, to ensure that their standard of hygiene is as high as possible.

I would acknowledge the assistance of Mr. Houldsworth, the Chief Public Health Inspector, and the help and support given by yourself, Mr. Chairman, and the Members of the Public Health Committee.

I am,

Ladies and Gentlemen,

Your obedient servant,

ALAN S. SIMPSON,
Medical Officer of Health.

GENERAL STATISTICS

Area (acres).....4,146

Population:

	Males	Females	Total
At Census 1951	24,429	27,660	52,089
At Census 1961	23,901	26,264	50,165
Estimated, mid-1964	—	—	49,380

Number of inhabited houses:

At Census, 1961	16,775
Estimated at end of 1964	16,830

General rate for 1964	(in the £)	9/9d.
Rateable Value	£1,491,110	
Sum represented by a 1d. rate		£5,980

Social Conditions of the Area

Ashton-under-Lyne is situated in the County of Lancashire, at the foot of the western slopes of the Pennines. Its highest point is 903 feet and its lowest 325 feet above sea level. The greater part of the town is situated between 330 and 340 feet above sea level.

The occupations are largely light engineering, cotton spinning, tool making, brewing and plastics.

Of the 30—40 industries employing over 50 persons, a cigarette packing firm employs well over 1000 persons, whilst 5 firms have a roll between 250 and 1000.

16 firms employ between 100 and 250 employees whilst 16 employ between 50 and 100 persons.

VITAL STATISTICS

The following are the principal vital statistics for 1964, with the comparable figure for 1963 :—

	1964	1963
Estimated population	49,380	49,610
Comparability factor (a) Births	1.08	1.08
(b) Deaths.....	1.01	1.01
Births (Total live and still)	907	868
Births—live	891	856
—still	16	12
Crude birth rate per 1,000 population	18.0	17.3
Birth rate as adjusted by factor	19.5	18.6
Deaths	725	738
Crude death rate per 1,000 population	14.7	14.9
Death rate as adjusted by factor.....	14.8	15.0
Infant deaths.....	28	30
Infant mortality rate per 1,000 live births.....	31.4	35.0
Legitimate infants per 1,000 legitimate live births	31	35
Illegitimate infants per 1,000 illegitimate live births	—	—
Male infantile mortality rate	32	47
Female infantile mortality	31	22
Perinatal Mortality—		
(Stillbirth and first week deaths)		
(Total live and stillbirths)	40.8	31.1
Stillbirth rate per 1,000 total births	17.6	13.8
Maternal Mortality—		
Deaths from pregnancy, childbirth and abortion	1	2
Mortality rate per 1,000 total births	1.10	2.30
Neo-natal Mortality—		
Deaths of infants under 4 weeks of age	22	19
Mortality rate per 1,000 live births	24.7	22.2
Tuberculosis rates per 1,000 population—		
(a) Primary notification—Respiratory .....	.72	.60
—Non-respiratory ..	0.16	0.10
(b) Deaths—Respiratory.....	0.08	0.10
—Non-respiratory.....	0.00	0.00
Deaths from cancer—all forms, including leukaemia	118	126
Death rate per 1,000 population from cancer— all forms, including leukaemia	2.39	2.54

TABLE I
VITAL STATISTICS (Registrar-General)

Ashton-u-Lyne Municipal Boro' Population Mid- Year, 1964 49,380	Live births		Deaths (all causes)		Stillbirths		Maternal Mortality		Infant Mortality			
	No. regis- tered	Rate per 1,000 pop'n	No. regis- tered	Rate per 1,000 pop'n	No. regis- tered	Rate per 1,000 total births	No. of deaths regis- tered	Rate per 1,000 total births	No. of deaths regis- tered	Rate per 1,000 live births	No. of deaths regis- tered	Rate per 1,000 live births
Year 1964 ..	891	*18.0	725	*14.7	16	17.6	1	1.10	28	31.4	22	24.7
Year 1963 ..	856	*17.3	738	*14.9	12	13.8	2	2.30	30	35.0	19	22.2
Year 1962 ..	796	*16.0	787	*15.8	13	16.1	Nil	Nil	23	28.9	14	17.6
Year 1961 ..	846	16.9	769	15.4	15	17.4	Nil	Nil	16	18.9	10	11.8
Year 1960 ..	830	16.5	728	14.9	14	16.6	1	1.18	18	21.7	13	15.7
1960-1964 ... Average 5 years	—	16.9	—	15.2	—	16.3	—	.92	—	27.2	—	18.4

• Adjusted —live birth rate (comparability factor, 1.00) = 19.5 per 1,000.
—death rate (comparability factor, 1.03) = 14.8 per 1,000.

TABLE II

BIRTH-RATE, DEATH-RATE and INFANTILE MORTALITY
1931-1964

YEAR Col. 1	Popu- lation Mid- Year Esti- mate Col. 2	No. of Births Col. 3	Crude Birth- Rate Col. 4	No. of Deaths Col. 5	Crude Death Rate Col. 6	No. of Infan- tile Deaths Col. 7	Infan- tile Mor- tality Rate per 1,000 Col. 8	AVERAGE 5 YEARS		
								Birth Rate Col. 9	Death Rate Col. 10	Infantile Mor- tality Col. 11
1931	51,840	765	14.7	711	13.7	53	69	13.5	13.2	69.4
1932	51,040	690	13.5	697	13.3	58	84			
1933	50,540	634	12.5	704	13.9	41	64			
1934	51,573	645	12.8	645	12.8	46	71			
1935	50,220	620	12.3	705	14.0	41	66	12.7	14.7	65.0
1936	49,580	612	12.3	724	14.6	38	62			
1937	48,810	620	12.7	794	16.2	39	62			
1938	48,540	645	13.2	688	14.1	50	77			
1939	47,950	630	13.0	719	14.9	57	58			
1940	46,320	657	14.1	793	17.1	52	79	16.0	15.0	54.0
1941	45,950	669	14.5	696	15.1	49	72			
1942	45,040	687	14.9	632	14.0	27	39			
1943	44,490	804	18.0	684	15.3	39	48			
1944	44,310	830	18.7	605	13.6	30	36			
1945	44,270	720	16.2	670	15.1	30	41	18.5	14.3	43.0
1946	46,480	884	19.0	657	14.1	41	46			
1947	47,160	1,011	21.4	613	12.9	44	43			
1948	46,270	858	18.5	650	14.0	36	41			
1949	47,280	832	17.6	738	15.6	38	46			
1950	47,300	727	15.4	693	14.7	25	34	15.12	14.1	37.0
1951	45,960	731	15.9	700	15.2	30	41			
1952	45,720	645	14.1	643	14.1	27	42			
1953	45,230	697	15.41	606	13.4	17	24			
1954	49,530	735	14.8	660	13.3	32	44			
1955	51,210	724	14.1	714	13.9	18	25	15.2	14.3	26.2
1956	51,610	794	15.4	738	14.3	22	28			
1957	51,180	786	15.4	750	14.7	19	24			
1958	50,600	796	15.7	750	14.8	20	25			
1959	50,410	784	15.6	703	13.9	23	29			
1960	50,270	830	16.5	728	14.5	18	21	16.9	15.1	27.0
1961	50,020	846	16.9	769	15.4	16	19			
1962	49,810	796	16.0	787	15.8	23	29			
1963	49,610	856	17.3	738	14.9	30	35			
1964	49,380	891	18.0	725	14.7	28	31			

STATE OF NEW YORK
COUNTY OF ...

No.	Name	Age	Sex	Color	Height	Weight	Build	Complexion	Hair	Eyes	Signature	Date
1
2
3
4
5
6
7
8
9
10

RETURNED TO SENDER
BY REGISTERED MAIL
NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

TABLE IV
CAUSES OF DEATH 1950-1964

No.	Cause of Death	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
1	Tuberculosis, respiratory.	23	16	15	11	11	13	10	6	9	6	6	8	5	5	4
2	Tuberculosis, other	4	4	2	2	—	—	1	—	1	1	—	—	1	—	—
3	Syphilitic disease	2	2	2	5	3	2	6	1	1	—	—	—	5	2	1
4	Diphtheria	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
5	Whooping Cough	2	—	—	—	—	1	—	—	—	—	1	—	—	—	—
6	Meningococcal infections	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
7	Acute Poliomyelitis	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—
8	Measles	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—
9	Other infective and parasitic diseases	1	7	1	1	—	—	—	4	2	1	1	—	—	—	—
10	Malignant neoplasm, stomach	23	22	24	16	29	20	28	26	14	19	21	26	21	17	23
11	Malignant, neoplasm, lung, bronchus	13	15	19	18	19	13	24	27	19	29	18	24	27	22	31
12	Malignant neoplasm, breast	13	3	7	11	12	9	9	10	9	15	20	11	9	10	8
13	Malignant neoplasm, uterus	5	1	8	9	5	4	4	9	10	6	8	3	5	3	6
14	Other Malignant and lymphatic neoplasms	51	55	57	48	49	51	47	60	53	58	53	55	50	71	47
15	Leukaemia, aleukaemia	1	1	2	3	1	2	4	3	5	—	1	—	5	3	3
16	Diabetes	4	8	2	3	5	2	5	5	7	7	6	5	8	4	3
17	Vascular lesions of nervous system	93	95	70	87	106	99	124	109	100	122	120	120	107	102	100
18	Coronary diseases, angina	66	64	77	54	84	76	95	91	101	108	107	118	126	104	151
19	Hypertension with heart diseases	15	11	9	17	18	17	11	20	19	13	8	19	15	12	14
20	Other heart disease	167	178	148	128	110	151	144	143	144	101	115	109	142	135	95
21	Other circulatory disease	20	16	28	15	13	21	14	25	23	22	24	26	26	43	33
22	Influenza	5	23	—	4	4	2	4	18	1	10	—	17	8	8	2
23	Pneumonia	15	28	15	13	29	38	29	31	46	39	32	41	34	37	34
24	Bronchitis	53	54	51	62	47	59	55	59	66	54	80	87	89	69	61
25	Other diseases of respiratory system	6	4	2	6	3	11	5	6	9	2	1	5	7	7	8
26	Ulcer of stomach and duodenum	5	5	7	7	3	6	9	8	8	4	5	5	5	6	6
27	Gastritis, enteritis and diarrhoea	6	3	3	1	5	4	1	—	3	3	1	1	4	4	2
28	Nephritis and nephrosis	9	6	7	4	5	12	4	—	4	1	4	—	8	3	1
29	Hyperplasia of prostate	5	5	1	5	5	—	3	3	7	4	2	1	2	1	2
30	Pregnancy, childbirth, abortion	—	—	—	—	—	—	—	1	—	—	1	—	—	2	1
31	Congenital malformations	6	4	4	2	6	5	6	5	6	2	6	4	3	9	3
32	Other defined and ill-defined diseases	62	45	56	52	59	66	65	50	55	52	50	55	47	42	56
33	Motor vehicle accidents	3	7	5	5	5	6	5	3	5	6	12	12	11	4	11
34	All other accidents	9	10	14	11	15	16	20	19	13	9	13	19	9	9	11
35	Suicide	4	5	6	4	7	7	5	5	10	9	11	6	7	3	8
36	Homicide and operations of war.	1	—	—	1	1	—	—	—	—	—	1	2	—	—	—
	TOTALS	693	700	643	606	660	714	738	750	750	703	728	769	787	738	725

TABLE V
DEATHS 1964
AGE STRUCTURE ANALYSIS
(Registrar General)

AGE	MALES			FEMALES		
	No.	% dead by age	% Survivors by age	No.	% dead by age	% Survivors by age
Under 4 weeks	12	3.3	96.7	10	2.8	97.2
4 weeks & under 1 year	3	4.1	95.9	3	3.6	96.4
1	1	4.3	95.7	1	3.8	96.2
5	—	4.3	95.7	1	4.0	96.0
15	5	5.7	94.3	1	4.2	95.8
25	2	6.2	93.8	1	4.4	95.6
35	15	10.3	89.7	6	6.0	94.0
45	36	20.1	79.9	26	13.3	86.7
55	72	39.7	61.3	52	28.3	71.7
65	105	68.2	31.8	100	56.2	43.8
75 & over	117	100.0	—	156	100.0	—
TOTAL	368			357		

Grouped causes of death 1964. Showing proportions

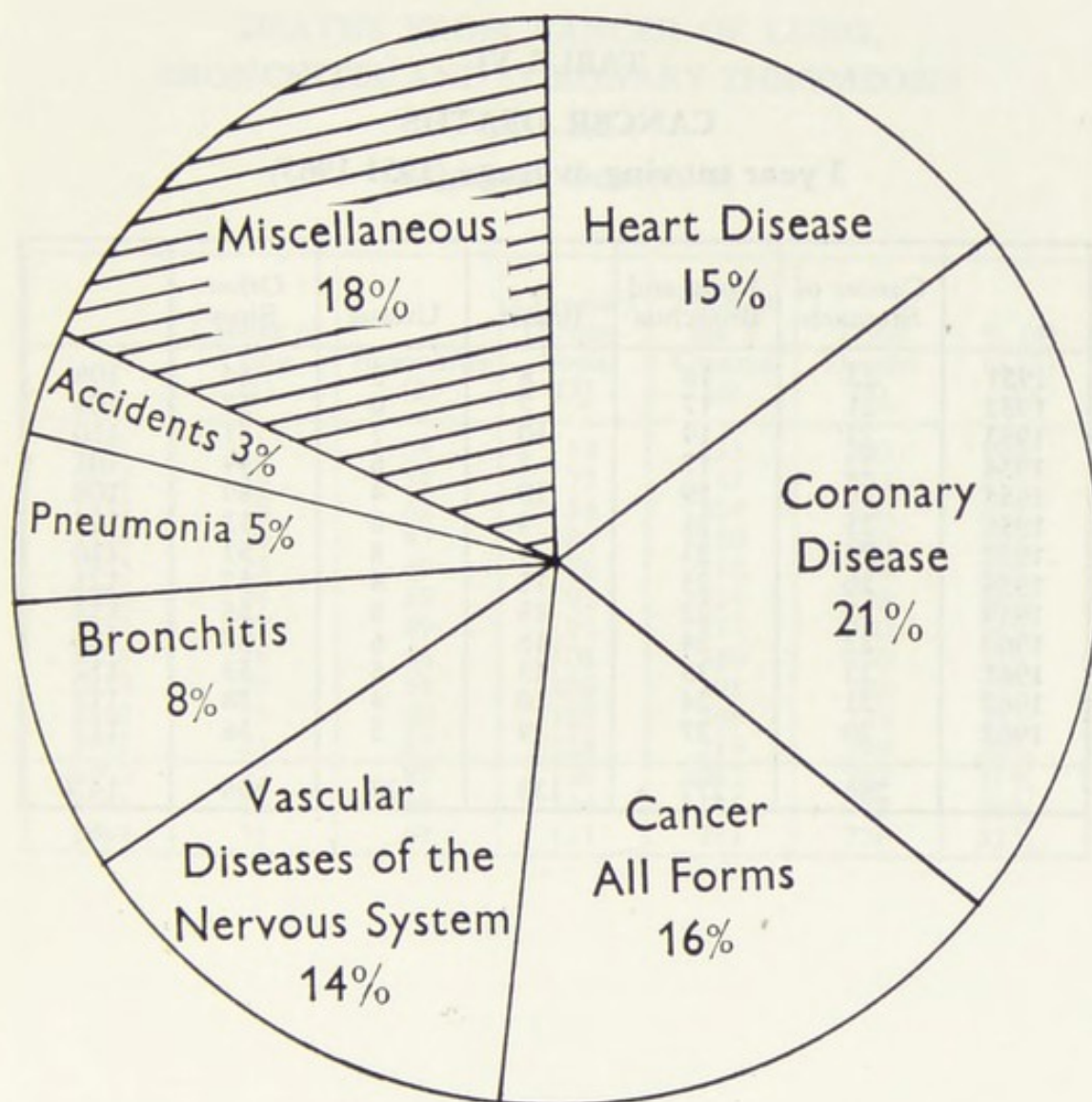


TABLE VI
CANCER DEATHS
3 year moving average (1951-1963)

	Cancer of Stomach	Lung and Bronchus	Breast	Uterus	Other Sites	
1951	23	16	8	5	54	106
1952	21	17	7	6	53	104
1953	23	19	10	7	51	110
1954	22	17	7	6	49	101
1955	26	19	10	4	49	108
1956	25	21	9	6	53	114
1957	23	23	9	8	53	116
1958	20	25	11	8	57	121
1959	17	22	15	8	55	117
1960	22	24	15	6	55	122
1961	23	23	13	5	53	117
1962	21	24	10	4	58	117
1963	20	27	9	5	56	117
	286	277	133	78	696	1470

TABLE VII
DEATHS FROM CANCER OF LUNG,
BRONCHITIS, AND CORONARY THROMBOSIS
1951-1964
(Registrar General's)

	Cancer of Lung (1)	Bronchitis (2)	Coronary Thrombosis (3)	Total of the 3 Groups (4)	Total Deaths (5)	% (4) of (5) (6)
1951	15	54	64	133	700	19%
1952	19	51	77	147	643	23%
1953	18	62	54	134	606	22%
1954	19	47	84	150	660	23%
1955	13	59	76	148	714	21%
1956	24	55	95	174	738	24%
1957	27	59	91	177	750	24%
1958	19	66	101	186	750	25%
1959	29	54	108	191	703	27%
1960	18	80	107	205	728	28%
1961	24	87	118	229	769	30%
1962	27	89	126	242	787	31%
1963	22	69	104	195	738	26%
1964	31	61	151	243	726	33%

TABLE VIII

CANCER DEATHS (1940-1964)

Table showing Trends (sexes separated) from all groups with
Lung and Bronchus group separated

REGISTRAR GENERAL'S

Year	Total Cancer Deaths	MALES				FEMALES		
		All Groups	Lung & Bron- chus	Percent- age (3) of (2)	3 Year moving aver. (3)	All Groups	Lung & Bron- chus	Percent- age (7) of (6)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1940	87	47	4	9		40	3	8
1941	70	31	7	23	4.7	39	—	—
1942	98	47	3	6	5.3	51	—	—
1943	96	48	6	13	6.3	48	3	6
1944	86	46	10	22	9.0	40	2	5
1945	99	48	11	23	9.0	51	6	12
1946	89	45	6	13	8.0	44	—	—
1947	74	34	7	21	6.0	40	3	8
1948	97	43	4	9	8.3	54	4	7
1949	98	57	14	25	10.0	41	3	7
1950	106	50	12	24	13.0	56	1	2
1951	97	56	13	23	14.3	41	2	5
1952	117	64	18	28	15.3	53	1	2
1953	105	47	15	32	16.3	58	3	5
1954	115	57	16	28	14.7	58	3	5
1955	99	54	13	24	17.0	45	—	—
1956	116	66	22	33	19.6	50	2	4
1957	135	77	24	31	20.0	58	3	5
1958	110	59	14	24	20.0	51	5	10
1959	127	68	22	32	17.0	59	7	12
1960	121	52	15	29	19.7	69	3	4
1961	119	64	22	34	20.7	55	2	4
1962	117	64	25	39	22.0	53	2	4
1963	126	61	19	31	22.6	65	3	4
1964	118	60	24	40		58	7	12
	2622	1345	346	25		1277	68	5

TABLE IX

INFANT DEATHS 1964

	AGE AT DEATH										Totals		
	Under 1 Day		1 Day & less than 7 Days		1 Week & less than 4 Weeks		4 Weeks & less than 6 months		6 months & less than 12 months		M	F	Both Sexes
	M	F	M	F	M	F	M	F	M	F			
TOTAL	4	6	8	3	—	1	2	3	1	—	15	13	28

TABLE X

TUBERCULOSIS — NEW CASES AND DEATHS 1964

AGE PERIODS	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Years								
0—1	—	—	—	—	—	—	—	—
1—5	—	1	1	—	—	—	—	—
5—10	—	—	—	1	—	—	—	—
10—15	—	—	—	—	—	—	—	—
15—20	1	—	—	1	—	—	—	—
20—25	3	—	1	—	—	—	—	—
25—35	8	3	2	—	—	—	—	—
35—45	3	4	1	—	—	—	—	—
45—55	2	—	1	—	—	1	—	—
55—65	6	2	—	—	—	—	—	—
65 and upwards	3	—	—	—	3	—	—	—
TOTALS ..	26	10	6	2	3	1	—	—
	36		8		4		—	
	44				4			
Case rate per 1,000	.72	0.16	Death Rate per 1,000		0.08	0.00		
	.88				0.08			

TABLE XI

TUBERCULOSIS

INCIDENCE AND DEATH-RATES ANNUALLY 1945-1964

YEAR	INCIDENCE			DEATHS		
	Case Rate per 1,000			Death Rate per 1,000		
	Pulm'ry	Non-Pulm'ry	Total	Pulm'ry	Non-Pulm'ry	Total
1945	1.27	0.40	1.67	0.68	0.18	0.86
1946	1.22	0.25	1.47	0.47	0.05	0.52
1947	1.02	0.42	1.44	0.53	0.19	0.72
1948	1.03	0.27	1.30	0.54	0.13	0.67
1949	1.35	0.19	1.54	0.67	0.14	0.81
1950	0.90	0.20	1.10	0.49	0.08	0.57
1951	1.15	0.24	1.39	0.35	0.09	0.44
1952	1.62	0.37	1.99	0.33	0.04	0.37
1953	1.22	0.33	1.55	0.24	0.04	0.28
1954	1.11	0.28	1.39	0.22	0.00	0.22
1955	0.99	0.08	1.07	0.33	0.00	0.33
1956	0.60	0.05	0.65	0.19	0.02	0.21
1957	1.03	0.02	1.05	0.12	0.00	0.12
1958	0.83	0.23	1.06	0.17	0.02	0.19
1959	0.29	0.06	0.35	0.12	0.02	0.14
1960	0.39	0.02	0.41	0.12	0.00	0.12
1961	0.98	0.06	1.04	0.16	0.00	0.16
1962	0.80	0.18	0.98	0.12	0.02	0.14
1963	0.60	0.10	0.70	0.10	0.00	0.10
1964	0.72	0.16	0.88	0.08	0.00	0.08
Average for 20 years	0.95	0.19	1.14	0.30	0.05	0.35
Average for first 5-year period 1945—1949	1.18	0.30	1.48	0.58	0.13	0.71
Average for last 5-year period 1960—1964	0.70	0.10	0.80	0.11	0.01	0.12

PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES

There were 1053 notifications in 1964 and 855 last year.

Table XIII analyses the cases notified by age and condition.

Table XIV gives the secular trend for the last 30 years.

The quarterly notifications of measles and whooping cough are shown below over the period of 12 years.

TABLE XII
MEASLES AND WHOOPING COUGH
Quarterly Notifications
1953-1964

Year	Quarter	Measles	Whooping Cough	Year	Quarter	Measles	Whooping Cough
1953	1	335	17	1959	1	179	2
	2	79	55		2	517	4
	3	10	115		3	39	3
	4	3	68		4	21	3
1954	1	3	16	1960	1	29	6
	2	10	24		2	19	4
	3	22	18		3	36	10
	4	147	39		4	73	8
1955	1	898	16	1961	1	350	2
	2	145	18		2	273	10
	3	10	13		3	111	1
	4	6	25		4	5	—
1956	1	8	39	1962	1	4	1
	2	9	12		2	—	—
	3	1	18		3	10	19
	4	3	26		4	133	11
1957	1	452	48	1963	1	485	9
	2	440	13		2	194	14
	3	29	46		3	21	9
	4	1	6		4	29	18
1958	1	29	23	1964	1	14	7
	2	121	54		2	77	9
	3	6	21		3	43	14
	4	10	1		4	504	11

TABLE XIII
NOTIFICATIONS OF INFECTIOUS DISEASES 1964
AGE GROUP ANALYSIS

DISEASES	Total Cases at all Ages	Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50 and over	Age unknown	Total Deaths	Total cases Removed to Hospital from the District
Smallpox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid Fevers ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ..	29	—	2	1	5	5	13	3	—	—	—	—	—	—	—	—	—	—	1
Whooping Cough ..	41	7	12	5	6	4	6	1	—	—	—	—	—	—	—	—	—	—	2
Diphtheria ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ..	7	—	—	—	—	—	—	—	—	—	—	—	1	1	3	2	—	—	—
Ophthalmia Neonatorum ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ..	265	12	28	39	27	19	48	9	5	41	—	—	—	—	—	—	—	—	16
Measles ..	638	27	77	92	110	128	191	9	4	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis— Paralytic ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-Paralytic ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Encephalitis— Infective ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Post Infectious ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Pneumonia— (Primary & Infl.) ..	5	1	—	—	—	—	—	—	—	—	—	—	—	—	3	1	—	—	—
Puerperal Pyrexia ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning ..	14	—	—	—	1	1	1	2	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis ..	36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-Pulmon. Tuberculosis ..	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaria ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Infective Hepatitis ..	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS ..	1053	47	120	137	149	158	264	26	11	65	25	31	20	—	—	—	—	4	20

TABLE XIV
INFECTIOUS DISEASES
ANNUAL NOTIFICATIONS—1935-1964

Total	336	724	554	324	1149	692	914	956	742	501	516	902	952	930	734	1179	813	908	519	1470	290	1492	466	893	628	929	376	855	1053		
Infective Hepatitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	9	
Malaria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Non-pulmonary Tuberculosis	16	34	30	22	18	22	14	27	22	15	18	20	12	19	12	11	17	15	14	4	3	1	12	3	1	3	9	5	8		
Pulmonary Tuberculosis	57	40	60	44	39	51	49	43	48	56	57	48	45	43	53	74	55	55	51	51	31	53	42	15	15	20	49	40	30	36	
Food Poisoning	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3	3	2	4	8	5	2	12	12	4	4	2	7	—	14		
Puerperal Pyrexia	10	16	22	37	28	23	28	19	13	17	8	7	2	3	1	—	—	24	57	29	18	2	2	18	13	13	4	6	—	1	
Acute Pneumonia (primary and influenzal)	78	85	97	66	67	95	85	126	31	38	58	31	44	38	51	25	44	25	19	18	26	12	12	25	7	7	2	4	5		
Acute Encephalitis (Post Infectious)	2	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Acute Encephalitis (Infective)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	
Acute Poliomyelitis (Non-paralytic)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	7	—	—	—	—	—	—	—	—	—	
Acute Poliomyelitis (Paralytic)	—	—	3	1	4	—	—	—	—	—	—	1	4	6	8	1	—	—	—	—	3	—	—	—	—	2	—	1	—	—	
Measles	—	—	—	—	686	260	521	355	419	233	136	696	439	461	281	855	422	427	182	1059	21	922	166	756	157	739	147	729	638		
Dysentery	—	5	2	—	—	—	—	—	—	—	—	—	—	—	10	4	6	3	22	122	33	297	39	10	367	97	10	265	—		
Ophthalmia Neonatorum	9	3	5	5	4	5	8	10	2	1	3	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	
Erysipelas	31	37	25	29	17	12	20	21	17	6	12	12	14	15	5	4	6	5	5	6	6	4	4	1	2	2	3	1	7		
Diphtheria	63	127	243	225	84	59	38	42	61	60	64	25	11	19	4	6	3	1	—	—	—	—	—	—	—	—	—	—	—	—	
Whooping Cough	—	—	—	—	—	129	128	39	197	69	34	175	48	236	54	223	88	139	91	255	97	72	113	99	12	28	13	31	50	41	
Scarlet Fever	69	179	233	116	59	42	86	98	63	41	27	26	131	265	103	102	116	91	86	69	35	49	75	51	29	37	31	20	29		
Meningococcal Infection	1	1	1	3	6	21	16	8	4	4	3	3	—	1	2	3	1	1	2	2	3	4	2	1	—	2	3	—	—	—	
Paratyphoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid Fever	—	1	1	2	—	1	7	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	

**VENEREAL DISEASES DEALT WITH AT
THE ASHTON-UNDER-LYNE GENERAL HOSPITAL
1964**

New Cases of Infections	Totals	Male	Female
1. SYPHILIS			
(i) Primary	-	-	-
(ii) Secondary	-	-	-
(iii) Latent in first year of Infection ..	1	1	-
(iv) Cardio-vascular	-	-	-
(v) Of the nervous system.	1	1	-
(vi) All other late and latent stages ..	1	1	-
(vii) Congenital (under 1 year)	-	-	-
(viii) Congenital (over 1 year)	3	1	2
Total of lines included in 1	6	4	2
2. GONORRHOEA			
	34	27	7
3.			
(i) Chancroid	-	-	-
(ii) Lymphogranuloma Venereum ..	-	-	-
(Syn. Lymphogranuloma Inguinale).	-	-	-
(iii) Granuloma Inguinale	-	-	-
(Syn. Granuloma Venereum).. .. .	-	-	-
(iv) Non-Gonococcal Urethritis	11	11	-
(v) Non-Gonococcal Urethritis with Arthritis	1	1	-
(vi) Late or Latent Treponematosi pre- sumed to be non-Syphilitic	-	-	-
(vii) Other conditions requiring treatment within the Centre	18	12	6
(viii) Conditions requiring no treatment within the centre	62	36	26
(ix) Undiagnosed Conditions	1	-	1
Total of lines included in 3.	93	60	33
Grand Totals (1, 2 and 3)	133	91	42

TUBERCULOSIS

There were 44 new cases of Tuberculosis notified, 36 being pulmonary and 8 non-pulmonary. Of the 36 pulmonary cases, 26 were in males and 10 in females.

Deaths were 4 in 1964, 5 in 1963, 6 in 1962, 8 in 1961.

Besides the comprehensive medical, surgical, and sanatorium regimes which are provided by the Chest Clinic under the Consultant Chest Physician for those suffering from the disease, a very careful investigation into the living conditions, family history, workplace, and contacts is carried out by the health visitors attached to the Chest Clinic. Whilst the work of these two nurses is closely associated with the Chest Clinic's therapeutic functions, their most valuable contribution is on the preventive side. They secure the attendance of all contacts of a case at the Chest Clinic for B.C.G. inoculation and an X-ray of the chest; they bring to light much valuable information regarding the possible source of the disease amongst the circle of contacts; in conjunction with the Health Departments of the particular district, they are instrumental in securing attention to environmental defects which might be injurious to the patient's recovery; they see that the nutritional needs of the patients are adequate and are able to draw upon supplementary food sources where necessary.

The following table shows the state of the Tuberculosis Register over the last 10 years :—

NUMBER OF CASES ON THE TUBERCULOSIS REGISTER

Year	Pulmonary	Non-Pulmonary
1955	321	58
1956	324	51
1957	344	35
1958	362	44
1959	344	33
1960	304	26
1961	295	27
1962	272	36
1963	229	39
1964	216	37

The classification of cases on the Register at 31st December, 1964, was :—

Respiratory			Non-respiratory			Total respiratory and non-respiratory		
M	F	Total	M	F	Total	M	F	Total
136	80	216	21	16	37	157	96	253

The housing conditions of cases on the register are indicated in the table below :—

**RESPIRATORY CASES ON THE
TUBERCULOSIS REGISTER**
Housing Standards and number of children

General Housing Standard	Households on Register	No children	One child	Two children	Three children	Four children	Five children	Six children	Total children
Good	148	80	38	21	8	1	—	—	108
Fair ..	60	27	10	13	6	2	1	1	73
Bad ..	8	4	—	2	2	—	—	—	10
	216								191

Of the 216 households in which there was a case of respiratory tuberculosis, the general standard of house was as indicated in the table.

The table also shows the distribution of children in these households in respect of the type of housing.

The Housing Department of the Ashton-under-Lyne Corporation gives special consideration to such cases of tuberculosis as are recommended by me for re-housing. The basis on which I make a priority recommendation is in general in order to provide a standard of housing where the risks of direct infection from one member of the family to another are minimised, *i.e.*, particularly to safeguard young children from possible exposure to infection.

The following table shows the recommendations I have made over the last 13 years with the number of cases actually re-housed :—

Year	Recommendations of M.O.H.	Re-Housed
1952	20	15
1953	12	12
1954	15	4
1955	16	10
1956	16	8
1957	19	3
1958	14	6
1959	6	3
1960	10	2
1961	4	7
1962	7	2
1963	4	2
1964	5	1
TOTAL	148	75

General Provision of Health Services in the Area

I.—SERVICES PROVIDED BY THE MANCHESTER REGIONAL HOSPITAL BOARD

A. General Hospital

The Ashton-under-Lyne General Hospital, Lake Section and Infirmary Section, is controlled and administered by the Manchester Regional Hospital Board acting through their Ashton, Hyde and Glossop Hospital Management Committee.

The hospital admits medical and surgical cases ; there is an out-patient department at the Infirmary and the Lake Section provides through its Maternity Department, maternity beds and an ante-natal clinic.

B. Infectious Diseases

The area is served by a number of Infectious Diseases Hospitals ; Monsall and Westhulme (Oldham) taking the majority of our cases in that order of frequency.

SMALLPOX. The Ainsworth Smallpox Hospital, Bury, would take any cases of smallpox.

C. Tuberculosis Services

The Chest Clinic, Lees Street, is now administered by the Regional Hospital Board, though certain aspects of this work, more particularly the domiciliary visiting of cases and contacts, come within the domain of the Local Health Authority's Medical Officer (the Divisional Medical Officer for Health Division No. 17).

The times for attendance at the Clinic are as follows :—

Tuesdays	.. .. .	1-30 p.m.
Wednesdays	.. .. .	9-30 a.m.
Fridays	.. .. .	9-30 a.m.
2nd and 4th Wednesday in each month at (Appointment only)		5-30 p.m.

A clinic for children only is held Friday afternoons from 1-30.

II.—SERVICES PROVIDED BY THE LOCAL HEALTH AUTHORITY

The Lancashire County Council are the Local Health Authority for the Ashton-under-Lyne area, and they have set up a Divisional Scheme for Administration covering the whole of the County of Lancashire.

Ashton-under-Lyne is one of the five constituent districts in Health Division No. 17, which is comprised as follows :—

Ashton-under-Lyne Borough
Mossley Borough
Audenshaw Urban District
Denton Urban District
Droylsden Urban District

The services which are provided by the Lancashire County Council, with effect from July 5th, 1948, are as follows :—

1. Maternity and Child Welfare
2. School Medical Service
3. Midwifery
4. Health Visiting
5. Home Nursing
6. Vaccination and Immunisation
7. Ambulance Service
8. Prevention of Illness, Care and After-care
9. Domestic Help
10. Mental Health
11. Health Education and Propaganda

The above services are administered by the Lancashire County Council acting through their Divisional Health Committee No. 17.

A brief résumé of the above services as available to residents in Ashton-under-Lyne follows, the items being listed in the order as shown above :—

1. Maternity and Child Welfare

Centres held at—

Child Welfare	Cricket Lane,	Tuesdays 2 p.m.
	Richmond House,	Thursdays 2 p.m.
	York Place,	Wednesdays 2 p.m.
	Ormonde Street,	Wednesdays 2 p.m.
	Hurst Nook,	Mondays 2 p.m.
	Methodist Sunday School, Oldham Rd.,	Tuesdays 2 p.m.

Ante-Natal Clinics,	Cricketts Lane, Richmond House, York Place,	} Alternate Fridays 2 p.m.	
*Speech Therapy Clinics,	Richmond House, York Place,		Each morning— Monday to Friday
*Ultra Violet Ray Clinics,	Richmond House, York Place,		Tuesdays and Fridays 9 a.m.

2. School Medical Service

The School Clinic at Cricketts Lane is open throughout the week and provides the following Clinics :—

Minor Ailments	Dental*
Ophthalmic*	Chiropody*
Orthopaedic*	

3. Health Visitors

Office : St. Michael's Square, Ashton-under-Lyne.

Miss Cleary	Mrs. Allott
Mrs. Beaumont	Miss Nadin
Mrs. Cooke	Miss M. Jones
Mrs. Mason	Miss McNally
Mrs. Bramhall (resigned 31.1.64)	Mrs. Hague (commenced 1.11.64)

4. School Nurses

Mrs. Brown.
Mrs. Graham
Mrs. Edwards (commenced 1.10.64)

5. Midwives

The following are the names and addresses of the Midwives practising in Ashton-under-Lyne :—

Mrs. F. T. Ashworth, 10, Cranbourné Close, Ashton-under-Lyne	Tel. No. ASHton 4903
Mrs. M. Crompton, Lime Bank, Taunton Road, Ashton-under-Lyne	Tel. No. ASHton 5070
Mrs. M. Tattersall, 2, Mossley Road, Ashton-under-Lyne.	Tel. No. ASHton 2086
Mrs. E. Broadhurst, 7, St. Stephen's Road, Stalybridge	Tel. No. STA 2674
Mrs. H. H. S. Roberts, 133 Currier Lane, Ashton-u-Lyne.	Tel. No. ASHton 4623
Mrs. M. Beeley, 12 Oakwood View, Lower Beestow, Blackrock, Mossley	Tel. No. MY9 2727

* Denotes by appointment.

REPORT ON SLUM CLEARANCE

The following summary on the position relating to the Slum Clearance Programme, prepared by the Town Clerk, shows the position as at December, 1964.

No. of unfit properties included in Clearance Areas since 1955.. ..	1800
No. of unfit properties dealt with as individually unfit, i.e. Demolition Order or Closing Order	56
No. of unfit properties included in Certificates of Unfitness issued by the Medical Officer of Health (properties owned by the Council or temporary prefabricated bungalows)	164
	2020
No. of properties not unfit for habitation but acquired under Part III of the Housing Act or included in confirmed Compulsory Purchase Orders, in order to secure comprehensive redevelopment	249
No. of properties not unfit for habitation but included in Compulsory Purchase Orders which have yet to be confirmed	49
	298
Total number of properties : 2318	

The following is a summary of the position insofar as the rehousing of the occupants of properties affected by clearance is concerned :—

No. of unfit properties where the occupiers have already been rehoused	1573								
No. of properties not unfit but acquired under Part III of the Housing Act where the occupiers have already been rehoused	216								
	1789								
No. of unfit properties acquired or included in confirmed Compulsory Purchase Orders or Clearance Orders where the occupants have not yet been rehoused	304								
No. of unfit properties in defined clearance areas but not yet acquired or included in confirmed Compulsory Purchase Orders where the occupiers have not yet been rehoused	143								
	447								
No. of properties not unfit but acquired under Part III of the Housing Act or included in confirmed Compulsory Purchase Orders where the occupants have not yet been rehoused	77								
No. of properties, not unfit, but included in Compulsory Purchase Orders not yet confirmed, where the occupants have not yet been rehoused ..	5								
	82								
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Total number rehoused</td> <td style="text-align: right; width: 40%;">1789</td> </tr> <tr> <td>Total number yet to be rehoused</td> <td style="text-align: right;">529</td> </tr> <tr> <td></td> <td style="text-align: right; border-top: 1px solid black;">2318</td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: right; border-top: 1px solid black;">2318</td> </tr> </table>		Total number rehoused	1789	Total number yet to be rehoused	529		2318	Total	2318
Total number rehoused	1789								
Total number yet to be rehoused	529								
	2318								
Total	2318								

A summary of the position insofar as redevelopment areas are concerned is as follows :

Redevelopment Area	Number of properties in the Area	Number of unfit properties	Number of properties not represented	Position regarding acquisition of properties
Ellison Street	245	210	35	Redevelopment completed.
Katherine Street	443	353	90	Area now being redeveloped.
Central Bus Station	125	87	38	Redevelopment of the site completed.
Crown Buildings Site	30	29	1	Land cleared and sold to Ministry of Works.
Car Park Site (adjoining site of Crown Buildings)	25	16	9	All occupiers rehoused. Site cleared.
Charles Street	62	43	19	Land cleared and leased for industrial purposes.
Hillgate (first phase)	129	93	36	All the properties have been included in a C.P.O. which has been confirmed. Demolition proceeding.
Hillgate (second phase) (unfit properties only)	—	73	—	All the properties have been included in a C.P.O. which has been confirmed. Demolition proceeding.
Area south of Stamford Street :				
(a) Bounded by Church St., Cavendish St., Charles St., and Bentinck St.	24	14	10	All the properties have been included in a C.P.O., which has been confirmed.
(b) Bounded by Hill St., Bentinck St., Portland St., and Fleet St.	120	114	6	The properties have been included in a C.P.O. which has been confirmed.
(c) Bounded by Welbeck St., Whittington St., Margaret St. and Fleet St.	184	156	28	The properties have been included in a C.P.O. which has been confirmed.
Small areas of land in Dale St., Old St., Moss St., Bentinck St. and Welbeck St.	20	20	—	Properties in Dale St. and Moss St. to be acquired.

Redevelopment Area	Number of properties in the Area	Number of unft properties	Number of properties not represented	Potition regarding aquisition of propererties
Area in the vicinity of Duke St.	69	69	—	The properties have been included in a Clearance Order which has been confirmed.
Four clearance areas affecting properties in Wood Street, Wellington St., Oldham Road and Cavendish Street.	27	27	4	The properties have been made the subject of C.P.O. which has yet to be confirmed.
Seven clearance areas affecting properties in Dale St., Welbeck St., Church St., Hill St., Park St., Fleet St., and Forest St.	61	61	5	The properties have been made the subject of Clearance Orders which have been confirmed.
Two clearance areas affecting properties in Dale St., Portland St., Oldham Rd. and Old St.	9	9	—	The properties have been made the subject of Clearance Orders which have been confirmed.
Six clearance areas affecting properties in the Penny Meadow area	76	76	—	The properties have been made the subject of a C.P.O.
Two clearance areas affecting properties in Oldham Rd. and Williamson Close.	20	20	—	The properties have been made the subject of a C.P.O.
Two clearance areas affecting 19 properties in the Holden St. area.	19	19	—	The properties are likely to be made the subject of a C.P.O.
A clearance area affecting 28 properties in Menai St. and Colwyn Street.	28	28	—	The properties have been made the subject of a Clearance Order.

MARKET PLACE
ASHTON-UNDER-LYNE

MR. MAYOR, MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have pleasure in presenting my third Annual Report on the work of your Public Health Inspectors.

There was only one staff change during the year ; one inspector resigned early in July, but as the vacancy had not been filled at the end of the year, the work of the department was inevitably disrupted.

Five years' records of the atmospheric pollution volumetric analysis instrument, which is installed in the Health Department, were completed, and whilst it is too short a time to detect any significant trends, they make interesting and encouraging reading. In September a further instrument was introduced at the Knott Hill Reservoir, which provides an interesting comparison between conditions in the town centre and in a rural part of the town.

In my report for 1963, I dwelt at length on the incidence of *Brucella Abortus* and the lack of legislation which existed to control the disease. From my reading of the technical press during the year, it would appear that this is a problem of some magnitude. Of the six producers retailing untreated milk in Ashton, two were found to have herds containing affected animals. The latter animals were isolated by individual sampling of the cows in each herd and notices requiring pasteurisation of the milk from those animals were issued. One of the farmers concerned subsequently sold some of the affected animals, thus they have passed out of control until the milk from some other herd into which they have probably been introduced shows a positive reaction, when the cycle will recommence.

At the end of the first full year of the operation of the Meat Inspection Regulations 1963, it is obvious that in smaller slaughterhouses, the Public Health Inspector must waste a considerable amount of time, which he can ill afford, by virtue of the requirement that he must be present at all times when slaughtering is taking place. However, this is a statutory requirement and the Minister is keen that it should be observed to the letter. It does point out the need for some control of the hours and times of slaughtering, in order to prevent a needless waste of a Public Health Inspector's working, and, in many cases, his leisure time.

A long-awaited and much-needed piece of legislation came into operation during 1964, namely, the Offices, Shops and Railway Premises Act, 1963. This Act has been designed to give shop and office workers the same standard of amenity and protection as has been enjoyed by their colleagues in industry for many years. By the end of the year, 563 applications for registration had been received. Four non-fatal accidents were reported, but all were of a minor nature and did not require investigation.

Two new Smoke Control Orders became operative during the year, increasing the area covered by 114·76 acres, and the number of premises by 1440.

The grim forebodings engendered by the well-publicised circular 69/63 did not materialise and the costs of conversions did not work out as high as some pessimists had forecast. One of the most interesting points arising from the implementation of the circular was its almost enthusiastic reception by householders in the two areas. In these two areas, the Minister allowed householders the choice of installing improved open firegrates (all-night burners) or the much more efficient but more expensive appliances provided for in the circular. The householders concerned, in large measure, welcomed the opportunity to choose their heating methods, which was reflected in the large numbers of gas fires, solid fuel room heaters and under-floor draught fires which were installed in preference to improved open grates (all-night burners). There is no doubt that the citizens of Ashton are showing a greatly increased awareness of the necessity for clean air.

In conclusion, may I offer my thanks to the Chairman and members of the Health Committee, Dr. A. S. Simpson, and the Health Department staff, for their co-operation and assistance.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your Obedient Servant,

H. HOULDSWORTH,
Chief Public Health Inspector.

Environmental Health Services

Embodying the Report of the Chief Public Health Inspector for the Year 1964

Housing Statistics

1.	Number of new Houses erected during the year :—	Houses	Flats
	(i) By the Local Authority	Nil	130
	(ii) By other Local Authorities	—	—
	(iii) By other Bodies or Persons	109	2
2.	Total No. of Council-owned dwellings at end of year		4994
3.	Inspection of dwelling-houses during the year :—		
	(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)		1205
	(b) Number of inspections made for the purpose		2414
	(c) No. of dwelling-houses in (a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit		716
4.	Houses included in Clearance Areas		220
5.	Individual houses represented as being unfit for human habitation		—
6.	Houses demolished :—		

In Clearance Areas :

- (1) Houses unfit for human habitation
- (2) Houses included by reason of bad arrangement, etc.
- (3) Houses on land acquired under Sec. 43(2), Housing Act, 1957

Not in Clearance Areas :

- (4) As a result of formal or informal procedure under Section 17(1) Housing Act, 1957
- (5) Local Authority owned houses certified unfit by the Medical Officer of Health
- (6) Houses unfit for human habitation where action has been taken under local Acts
- (7) Unfit houses included in Unfitness Orders

Houses Demolished	Displaced during Year	
	Persons	Families
227	481	218
8	27	9
81	99	45
15	3	2
—	—	—
—	—	—
—	—	—

7. Unfit houses closed :—

	Displaced during Year		
	Number	Persons	Families
(1) Under Sections 16(4), 17(1), and 35(1) Housing Act, 1957	—	—	—
(2) Under Sections 17(3) and 26, Housing Act, 1957	—	—	—
(3) Parts of buildings closed under Section 18, Housing Act, 1957 ..	—	—	—

8. Unfit houses made fit and houses in which defects were remedied :—

	By Owner	By Local Authority
(1) After informal action by local authority	127	—
(2) After formal notice under—		
(a) Public Health Acts	37	451
(b) Housing Act, 1957, Sections 9 and 16	—	—
(3) Under Section 24, Housing Act, 1957 ..	—	—

9. Purchase of houses by agreement :—

	Number of houses (1)	Number of occupants of houses in Col. (1) (2)
Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased during the year	1	2

10. House Purchase and Housing Act, 1959—Standard Grants :—

Action during the year :—

- (a) Applications submitted to local authority
- (b) Applications approved by local authority
- (c) Work completed
- (d) Remarks : Nil

No. of dwellings or other bldgs. affected
166
165
154

11. Rent Act, 1957 :—

Applications for Certificates of Disrepair	4
No. of Certificates issued	2
No. of Undertakings accepted	1
No. of cancellations	1
Visits made in relation thereto	9

SANITARY IMPROVEMENTS

The conversion of waste-water closets into fresh-water closets continued during the year. This is the eighteenth year the scheme has been in operation and the number dealt with during 1964 was 230. Up to date 4,307 waste-water closets have been abolished by conversion.

CLEAN AIR

Industrial Premises

102 observations on various chimneys were carried out for contravention of the Dark Smoke (Permitted Periods) Regulations, 1958, but no recourse to statutory action was necessary, as informal consultation with the factory management was sufficient to bring about the necessary improvements.

3 applications were received for prior approval under the provisions of the Clean Air Act 1956. All concerned the installation of oil-fired equipment.

Domestic Premises

There are now five Smoke Control Orders in force, covering 3,584 properties and 567.26 acres.

HEALTH DEPARTMENT

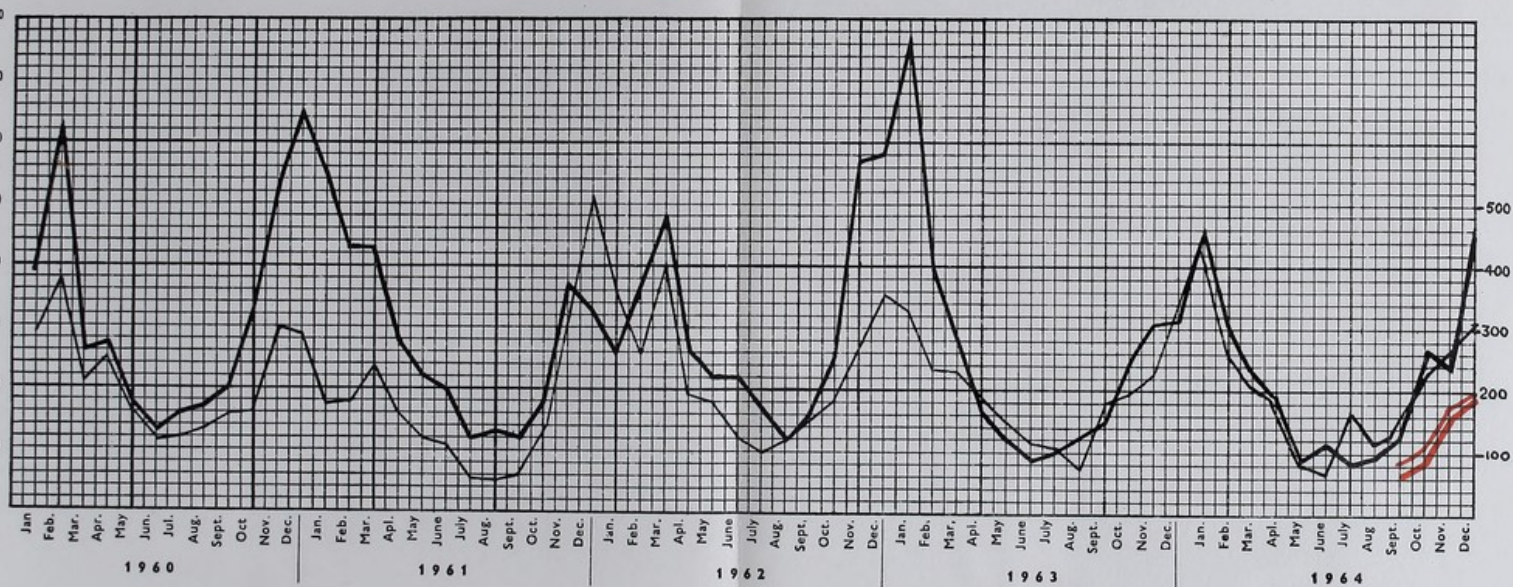
KNOTT HILL

SOUTH EAST LANCS. AND NORTH CHES. CONSULTATIVE COMMITTEE
FOR THE INVESTIGATION OF ATMOSPHERIC POLLUTION

Micro'gms
per cub.
metre

— AVERAGE SULPHUR VALUES
— AVERAGE SMOKE VALUES

— AVERAGE SULPHUR VALUES
— AVERAGE SMOKE VALUES



WATER TEMPERATURE

TEMPERATURE AT 100 FT

STATION NO. _____ DATE _____
TIME OF DAY _____



1900 1915 1930 1945 2000 2015 2030 2045 2100 2115 2130 2145 2200 2215 2230 2245 2300

1945

1945

VOLUMETRIC ANALYSIS INSTRUMENT

		CONCENTRATIONS											
		SMOKE						SULPHUR DIOXIDE					
		Concentration Microgrms. per cub.m.						Concentration Microgrms. per cub.m.					
		Average		Highest		Lowest		Average		Highest		Lowest	
		H.D.	K.H.	H.D.	K.H.	H.D.	K.H.	H.D.	K.H.	H.D.	K.H.	H.D.	K.H.
January		465	—	1000	—	136	—	454	—	1028	—	77	—
February		307	—	984	—	136	—	259	—	496	—	64	—
March		232	—	404	—	96	—	209	—	324	—	118	—
April		186	—	492	—	56	—	183	—	474	—	50	—
May		92	—	152	—	36	—	94	—	257	—	23	—
June		104	—	224	—	56	—	69	—	283	—	15	—
July		82	—	156	—	50	—	170	—	406	—	62	—
August		90	—	198	—	29	—	118	—	283	—	15	—
September		122	68	259	134	70	29	128	82	241	226	63	31
October		269	84	659	198	61	24	238	107	707	244	54	75
November		255	158	416	724	100	24	261	177	337	529	129	29
December		458	186	1196	460	108	72	309	188	777	402	109	76

H.D. = Health Department
K.H. = Knott Hill

The above graph shows the monthly average levels of pollution by Sulphur Dioxide and particulate matter, as recorded by the volumetric apparatus.

Inspection and Supervision of Food

Milk Supply—action taken with regard to the administration of the Milk and Dairies Acts and Regulations.

1. The Milk (Special Designation) Regulations, 1963.

- (i) No. of dealers' licences in force at end of year in respect of:
- | | | | | | |
|------------------------|----|-----|-----------------------|----|---|
| (a) Pasteurising plant | .. | 1 | (b) Sterilising plant | .. | — |
| (c) Pre-packed milk | .. | 240 | (d) Untreated milk | .. | 8 |
- (ii) By virtue of (i) above, No. of dealers at end of year authorised to deal in milk of the following designations:
- | | | | | | | | | |
|---------------|----|----|-----------------|----|----|----------------|----|-----|
| (a) Untreated | .. | 40 | (b) Pasteurised | .. | 85 | (c) Sterilised | .. | 235 |
|---------------|----|----|-----------------|----|----|----------------|----|-----|

2. Action taken by local authority in relation to samples taken in the district :

(i) Samples for Biological Examination :

	<i>Total No. of samples submitted</i>	RESULTS		
		<i>Positive</i>	<i>Negative</i>	<i>No result</i>
	42			
Results :—				
(a) Tuberculosis		—	3	—
(b) Brucellosis—Ring Test		24	18	—
(c) Brucellosis—Culture Test		6	36	—
(d) Brucellosis—Biological Test		—	—	—

(ii) Samples for Statutory Tests

	<i>No. of Samples</i>	RESULTS		
		<i>Satis- factory</i>	<i>Unsatis- factory</i>	<i>Void Samples</i>
Raw Milk :				
(a) Methylene Blue Test	—	—	—	—
Heat Treated Milk :				
(b) Methylene Blue Test }	61	{ 59	2	—
(c) Phosphatase Test } .. ..					{ 60	1	—
(d) Turbidity Test	20	20	—	—

Ice-Cream

21 samples of ice-cream were forwarded for methylene blue test and were reported upon as follows :—

Grade 1	..	..	..	..	18
Grade 2	..	..	..	..	2
Grade 3	..	..	..	..	1
Grade 4	..	..	..	..	—

FOOD AND DRUGS ACT

During the year, 126 samples were taken and submitted to the Public Analyst for examination. The details of these samples are as follows :—

Milks	10
Fresh fruits and vegetables	24
Desiccated cocoanut	3
Raisins	3
Jam, marmalade, etc.	4
Sausages (pork)	8
Sausages (beef)	7
Butter	5
Drugs	6
Coffee	2
Tea	6
Potted meat	2
Cordials	2
Stewed steak	2
Rice	2
Christmas puddings	3
Ground almonds	2
Marzipan	2
Sultanas	3
Currants	2

One sample each of the following :—

Bay leaves ; caraway seeds ; potted salmon ; sage and onion stuffing ; “ Frizzets ” ; tinned apricots ; margarine ; lard ; drinking chocolate ; “ Steakettes ” ; rissoles ; hamburgers ; halibut liver oil capsules ; brawn ; anaemia mixture ; influenza mixture ; buttercup syrup ; glycerine ; tin chicken ; malt vinegar ; tin lamb’s tongues ; cut pork and ham ; flaked almonds ; ground rice ; onion salt ; mincemeat ; mixed fruit ; canned beef loaf.

The table below gives particulars of the samples found upon analysis to have been adulterated or below standard :

<i>Commodity</i>	<i>Adulteration</i>	<i>Remarks</i>
" Frizzets "	Does not comply with the Labelling of Food Order, 1963.	Letter sent to manufacturer.
Pork sausage	Contained undeclared preservative.	Formal sample taken, after which letter sent to the manufacturer.
Beef sausage	Contained undeclared preservative.	Letter sent to manufacturer.
Pork sausage	Meat content borderline.	Formal sample taken—satisfactory.
Beef sausage	Contained undeclared preservative.	Letter sent to manufacturer.
Pork sausage	Borderline meat content, also contained undeclared preservative.	Letter sent to manufacturer.
Potted meat	Deficient in meat—also contained cereal filler.	Letter sent to manufacturer.
Potted meat	Deficient in meat—also contained cereal filler.	Letter sent to manufacturer.
Christmas pudding	Contaminated with mould growth.	Letter sent to manufacturer.

FOOD HYGIENE

1319 inspections were made of food premises, resulting in improvements being carried out at several establishments.

The maintenance of regular inspections of all food premises, but particularly catering establishments, is of paramount importance, and every effort is made to keep them under constant surveillance.

FOOD CONDEMNED, 1964						T.	C.	Lbs.
Tinned goods	..	..	..	..	..	1	3	9
Part carcasses imported pigs	..	..	..	..	..	1	3	89
Beef	..	..	..	..	..		1	49½
Poultry	..	..	..	..	..			48
Lamb and Mutton	..	..	..	..	..			34½
Fish	..	..	..	..	..			40
Soft drinks	..	..	..	..	..			11
Preserves (jam, etc.)	..	..	..	..	..			15
Miscellaneous	..	..	..	..	..			2
						2	9	74

MEAT INSPECTION

No. of animals killed (pigs only)	..	..	..	31,708
No. of animals inspected (pigs only)	..	..	..	31,708
Total weight of meat and offals destroyed during the year as diseased, unsound and unfit for human consumption	..	..	..	17 tons 13 cwts. 45 lbs.

**Carcases and Organs Condemned as Totally Unfit for
Human Consumption**

PIGS	TUBER- CULOSIS	OTHER THAN TUBERCULOSIS			
		Inflam- matory Diseases	Parasitic Diseases	Other Condi- tions	Total
Whole carcasses con- demned	—	97	—	32	129
Carcases of which some part or organ was condemned ..	646	3,428	1,085	96	5,255

**Details of Various Organs Condemned as Unfit for
Human Consumption**

	Tuber- culosis	Inflam- matory	Parasitic	Other Diseases
Heads and Tongues ..	646	—	—	—
Lungs (prs.)	—	2,265	—	—
Livers	—	—	1081	—
Plucks	—	793	—	—

RODENT CONTROL
Prevention of Damage by Pests Act, 1949

	TYPE OF PROPERTY				
	Non-Agricultural				(5) Agri- cultural
	(1) Local Authority	(2) Dwelling Houses (including Council Houses)	(3) All other (including Business Premises)	(4) Total of Cols. (1) (2) and (3)	
1. No. of properties in the district.. ..	28	17,267	4,270	21,565	31
2. Total No. of properties inspected as a result of notification	33	426	158	617	9
No. of such properties found to be infested by :					
Common rat Major	—	—	—	—	—
Minor	25	294	90	409	9
House mouse Major	—	—	—	—	—
Minor	8	122	62	192	—
3. Total No. of properties inspected in the course of survey under the Act	5	298	43	346	1
No. of such properties found to be infested by :					
Common rat Major	—	—	—	—	1
Minor	4	88	27	119	—
House mouse Major	—	—	—	—	—
Minor	—	16	4	20	—
4. Total No. of properties otherwise inspected	—	103	48	151	—
No. of such properties found to be infested by :					
Common rat Major	—	—	—	—	—
Minor	—	57	25	82	—
House mouse Major	—	—	—	—	—
Minor	—	6	12	18	—
5. Total inspections carried out, including re-inspections	165	2,567	709	3,441	41
6. No. of infested properties (in sections 2, 3 and 4) treated by the Local Authority ..	29	607	203	839	10
7. Total treatments carried out, including re-treatments	41	755	270	1,066	20

8. No. of notices served under Section 4 of the Act :					
(a) Treatment ..	—	—	—	—	—
(b) Structural Work (i.e. Proofing)	—	—	—	—	—
9. No. of cases in which default action was taken following the issue of a notice under Section 4 of the Act	—	—	—	—	—
10. Legal Proceedings ..	—	—	—	—	—
11. No. of " Block " control schemes carried out ..	—	—	—	—	—

CONTAGIOUS DISEASES OF ANIMALS

Restrictions on the movement of pigs were in operation from the 26th September until the 16th October 1964, during which period 24 movement licences were issued.

DISINFESTATION

The arrangement whereby the Department undertook the disinfestation of Corporation owned houses and the houses and furniture of applicants, prior to removal into Corporation houses, appeared to operate satisfactorily.

During the year, 11 Corporation and 12 privately owned houses were treated.

SCABIES

There were 12 patients treated for scabies during 1964.

Water Supply

The water supply has been satisfactory in quantity and quality. There has been filtration of all supplies, with Chlorination at the Brushes and Yeoman Hey Filterhouses and Ozonisation at Knott Hill.

During the year, the following examinations were made :—

	Number	Results	
		Satis.	Unsatis.
(a) RAW WATER			
Bacteriological examinations	16	16	—
Chemical analyses	—	—	—

(b) WATER GOING INTO SUPPLY WHERE TREATMENT IS INSTALLED

	Number	Satisfactory	Unsatisfactory
Bacteriological examinations	198	195	3
Chemical analyses	2	2	—
PRIVATE SUPPLIES			
Bacteriological examinations	—	—	—
Chemical analyses	—	—	—

Except for a few isolated cases, domestic water supplies are received from the town's mains.

Swimming Baths

The Corporation Baths have the following bathing accommodation :—

- 1 large Swimming Bath (100 ft. x 40 ft. — 120,000 gals.).
- 35 Private Slipper Baths (22 Gents' and 13 Ladies').
- 3 Zotofoam Baths.

The swimming bath water is purified by "Bells" Filtration Plant, having a 3 hourly turnover.

The pumps extract 15,000 gallons of water from the top and a similar amount from the bottom hourly.

Chlorination is maintained constantly at 0.5 parts/million throughout the bath.

Tests are taken several times daily to maintain an alkalinity of 200 parts per million, with a Ph. of 7.8, giving perfect filtration.

Warm showers are provided to enable each bather to wash under fresh, clean, running water before entering the swimming bath.

The private slipper baths are fitted with unlimited supplies of hot and cold water.

Zotofoam sweating baths are provided on a modern scale with shampoo and rest rooms. Brine and Pine are also given with these baths.

Zotofoam baths, together with the use of a hot room at a temperature of 130° F. are the equivalent at a Turkish Bath.

The attendances at the Baths during the year 1964 were as follows :—

Swimming Baths	..	..	..	126,754
Private Slipper Baths	..	..	..	37,390
Zotofoam Sweating Bath	..	..	..	2,427
Total	..	..	..	<u>166,571</u>

A Municipal Laundrette is in operation with six End Loading Wash Machines taking 26 lbs. of washing, and three Self Balancing Hydro's for drying.

Each woman is allocated her own machine, along with a deep sink with unlimited hot water for woollens, etc.

Attendance at Laundrette, 1964	..	7,216
--------------------------------	----	-------

I am indebted to Mr. D. Grogan, M.N.A.B.S., the Baths Superintendent, for kindly supplying me with much information and his co-operation in matters connected with the general arrangements.

Sixteen samples of water from the Public Baths were taken during the year by officers of the Department and submitted to the Public Health Laboratory for examination. All were satisfactory.

DETAILS OF INSPECTIONS MADE AND WORK CARRIED OUT DURING 1964 BY PUBLIC HEALTH INSPECTORS

GENERAL SANITATION—	<i>No. of visits</i>
Accumulations	232
Animals, etc.	11
Ashbins	24
Caravans	284
Conversions	633
Dirty houses	14
Drainage	1370
Drain tests : Smoke	94
Colour	216
Olfactory	1
Interviews with owners, etc.	344
" " contractors, etc.	100
Offensive smells	65
Offensive trades	1
Offices (P.H.A. 1936)	3

HOUSING—					<i>No. of visits</i>
Public Health Act :					
No. of houses inspected	..	..	..	..	907
Re-visits	..	..	..	..	838
Housing Act :					
No. of houses inspected	..	..	..	..	298
Re-visits	..	..	..	..	371
Overcrowding :					
No. of houses inspected	..	..	..	..	3
Re-visits	..	..	..	..	2
Rent Act, 1957 :					
No. of houses inspected	..	..	..	..	4
Re-visits	..	..	..	..	5
Small Dwellings Acquisition Act :					
No. of houses inspected	..	..	..	..	251
Re-visits	..	..	..	..	146
Miscellaneous Housing Visits	..	..	..	..	776

INSPECTION OF FOODS—

Bakehouses and/or Confectioners	..	..	..	..	84
Restaurants, Cafes, Snack Bars, Canteens, Food preparing premises	..	..	..	..	169
Licensed Premises, Clubs	..	..	..	..	9
Dairies, Milk Purveyors, Milk Shops	..	..	..	..	49
Fishmongers, etc.	..	..	..	..	2
Fried Fish Shops	..	..	..	..	5
Grocers	..	..	..	..	193
Greengrocers	..	..	..	..	7
Sweet Shops, Minerals, Ice Cream Makers and Vendors	..	..	..	..	14
Markets	..	..	..	..	40
Meat Shops, Stores, Stalls	..	..	..	..	76
Slaughterhouses	..	..	..	..	655
Others	..	..	..	..	18

NATIONAL ASSISTANCE ACT, 1948

In pursuance of the provisions of the above Act, there were no burials undertaken by the officers of your Committee.

FACTORIES ACT, 1937

1. INSPECTIONS for purposes of provisions as to health, including inspections made by Public Health Inspectors.				
Premises (1)	Number of			
	No. on Register (2)	Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
Factories with Mechanical Power	314	36	2	—
Factories without Mechanical Power	5	1	—	—
Other Premises under the Act (including works of building and engineering construction but not including outworkers' premises) ..	17	1	—	—
Total	336	38	2	—
2. DEFECTS FOUND				
Particulars (1)	Number of Defects			Number of defects in respect of which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Want of Cleanliness (S.1) ..	—	—	—	—
Overcrowding (S.2)	—	—	—	—
Unreasonable Temperature (S.3)	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—
Ineffective Drainage of Floors (S.6)	—	—	—	—
Sanitary Conveniences { Insufficient ..	—	—	—	—
{ Unsuitable or	—	—	—	—
{ Defective	3	3	—	—
{ Not Separate	—	—	—	—
{ for Sexes ..	—	—	—	—
Other Offences	—	—	—	—
(Not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937)	—	—	—	—
Total	3	3	—	—

