BOROUGH OF
ASHTON-UNDER-LYNE

ANNUAL REPORT

of the MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

FOR THE YEAR

1965

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For the Year 1965

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Borough of Ashton-under-Lyne

1965

PUBLIC HEALTH COMMITTEE

(as at 31st December, 1965)

Chairman : Alderman L. Hibbert

Deputy Chairman : Councillor H. White

Members :

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Alderman R. G. Fish, J.P.

Alderman A. Gantley, J.P.

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PUBLIC HEALTH STAFF

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Alan S. Simpson, M.B., B.S. (Lond.), M.R.C.S., D.P.H. (Retired 16-10-65)

Eric J. H. Foster, M.B., Ch.B., D.P.H. (Commenced 18.10.65)

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

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B. G. Dunn, M.A.P.H.I., C.S.I.B. (Commenced 1.4.65)

E. T. Nelson (Pupil) (Commenced 27.9.65)

I. J. Wilson (Qualified May 1965, resigned 15.8.65)

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 presenting my Report on the health of the Borough for the year 1965.

The number of births during the year was 785, a decrease of 112 compared with 1964, and the adjusted birth-rate was 17·0 compared with a rate of 19·5 for 1964. This fall reflects the lower national birth-rate in 1965 after a period of several years during which the birth-rate has been rising.

There were also fewer deaths recorded in 1965 than in 1964, with a death-rate of 13·6 compared with a rate of 14·7 in 1964. Diseases of the heart and blood vessels, and the various forms of cancer were once again the chief causes of death, and they assumed a proportionately greater prominance than in 1964. 35 deaths were due to cancer of the lung, a disease which caused more than 29,000 deaths nationally in 1965.

A considerable reduction in the number of cases of measles notified and a welcome reduction in the incidence of dysentery, contributed to a substantial fall in the total notifications of infectious disease. There were two cases of paratyphoid fever notified. These cases were part of the outbreak of that disease in the west of the county but they did not give rise to any consequences locally.

I should like to extend my thanks to the Members of the Health Committee for the help and encouragement given to me and to my predecessor, Dr. Simpson, and to Mr. Houldsworth, the Chief Public Health Inspector, and his staff, for their assistance and support.

I am,

Ladies and Gentlemen,

Your obedient servant.

ERIC J. H. FOSTER,
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-1965	—	—	49,090

Number of inhabited houses:

At Census, 1961	16,775
Estimated at end of 1965	16,866

General rate for 1965 . . . . . (in the £)	11/5d.
Rateable Value	£1,530,174
Sum represented by a 1d. rate	£6,165

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 1965, with the comparable figure for 1964 :—

	1965	1964
Estimated population	49,090	49,380
Comparability factor (a) Births	1.08	1.08
(b) Deaths	1.02	1.01
Births (Total live and still)	785	907
Births—live	773	891
—still	12	16
Crude birth rate per 1,000 population	15.7	18.0
Birth rate as adjusted by factor	17.0	19.5
Deaths	654	725
Crude death rate per 1,000 population	13.3	14.7
Death rate as adjusted by factor	13.6	14.8
Infant deaths	23	28
Infant mortality rate per 1,000 live births	29.8	31.4
Legitimate infants per 1,000 legitimate live births	29	31
Illegitimate infants per 1,000 illegitimate live births	—	—
Male infantile mortality rate	38	32
Female infantile mortality	20	31
Perinatal Mortality— (Stillbirth and first week deaths) / (Total live and stillbirths)	31.8	40.8
Stillbirth rate per 1,000 total births	15.3	17.6
Maternal Mortality—		
Deaths from pregnancy, childbirth and abortion	—	1
Mortality rate per 1,000 total births	—	1.10
Neo-natal Mortality—		
Deaths of infants under 4 weeks of age	14	22
Mortality rate per 1,000 live births	18.1	24.7
Tuberculosis rates per 1,000 population—		
(a) Primary notification—Respiratory	.32	.72
—Non-respiratory	.08	0.16
(b) Deaths—Respiratory	0.10	0.08
—Non-respiratory	0.02	0.00
Deaths from cancer—all forms, including leukaemia	121	118
Death rate per 1,000 population from cancer—all forms, including leukaemia	2.46	2.39

TABLE I

VITAL STATISTICS (Registrar-General)

Ashton-u-Lyne Municipal Boro' Population Mid-Year, 1965 49,090	Livebirths		Deaths (all causes)		Stillbirths		Maternal Mortality		Infant Mortality			
									Total		Neo-natal	
	No. registered	Rate per 1,000 pop'n	No. registered	Rate per 1,000 pop'n	No. registered	Rate per 1,000 total births	No. of deaths registered	Rate per 1,000 total births	No. of deaths registered	Rate per 1,000 live births	No. of deaths registered	Rate per 1,000 live births
Year 1965 ..	773	*15·7	654	*13·3	12	15·3	Nil	Nil	23	29·8	14	18·1
Year 1964 ..	891	*18·0	725	*14·7	16	17·6	1	1·10	28	35·0	22	24·7
Year 1963 ..	856	*17·3	738	*14·9	12	13·8	2	2·30	30	28·9	19	22·2
Year 1962 ..	796	*16·0	787	*15·8	13	16·1	Nil	Nil	23	18·9	14	17·6
Year 1961 ..	846	16·9	769	15·4	15	17·4	Nil	Nil	16	21·7	10	11·8
1961-1965 .. Average 5 years	—	16·8	—	14·8	—	16·0	—	·68	—	28·8	—	18·9

*Adjusted —live birth rate (comparability factor, 1·08) = 17·0 per 1,000.
—death rate (comparability factor, 1·02) = 13·6 per 1,000.

TABLE II

BIRTH-RATE, DEATH-RATE and INFANTILE MORTALITY 1935-1965

Year Col. 1	Population Mid-Year Estimate Col. 2	No. of Births Col. 3	Crude Birth-Rate Col. 4	No. of Deaths Col. 5	Crude Death Rate Col. 6	No. of Infantile Deaths Col. 7	Infantile Mortality Rate per 1,000 Col. 8	Average 5 Years Birth Rate Col. 9	Average 5 Years Death Rate Col. 10	Average 5 Years Infantile Mortality Col. 11
1935	50,220	620	12·3	705	14·0	41	66			
1936	49,580	612	12·3	724	14·6	38	62			
1937	48,810	620	12·7	794	16·2	39	62	12·7	14·7	65·0
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			
1941	45,950	669	14·5	696	15·1	49	72			
1942	45,040	687	14·9	632	14·0	27	39	16·0	15·0	54·0
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			
1946	46,480	884	19·0	657	14·1	41	46			
1947	47,160	1,011	21·4	613	12·9	44	43	18·5	14·3	43·0
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			
1951	45,960	731	15·9	700	15·2	30	41			
1952	45,720	645	14·1	643	14·1	27	42	15·12	14·1	37·0
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			
1956	51,610	794	15·4	738	14·3	22	28			
1957	51,180	786	15·4	750	14·7	19	24	15·2	14·3	26·2
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			
1961	50,020	846	16·9	769	15·4	16	19			
1962	49.810	796	16·0	787	15·8	23	29	16·9	15·1	27·0
1963	49,610	856	17·3	738	14·9	30	35			
1964	49,380	891	18·0	725	14·7	28	31			
1965	49,090	773	15·7	654	13·3	23	29			

TABLE III
DEATHS 1965
AGE STRUCTURE ANALYSIS
(Registrar General)

CAUSE OF DEATH	Sex	Total all ages	Under 4 weeks	4 weeks and under 1 year	AGE IN YEARS 1—	5—	15—	25—	35—	45—	55—	65—	75—
1. Tuberculosis, respiratory	M	3	—	—	—	—	—	—	—	—	1	1	1
	F	2	—	—	—	—	—	—	—	2	—	—	—
2. Tuberculosis, other	M	1	—	—	—	—	—	—	—	—	1	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
3. Syphilitic disease	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
4. Diphtheria	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
5. Whooping Cough	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
6. Meningococcal infections	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
7. Acute Poliomyelitis	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
8. Measles	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
9. Other infective and parasitic diseases	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
10. Malignant Neoplasm, stomach	M	8	—	—	—	—	—	—	—	1	3	2	2
	F	8	—	—	—	—	—	—	—	—	1	3	4
11. Malignant Neoplasm, lung, bronchus.	M	29	—	—	—	—	—	—	—	9	11	9	—
	F	6	—	—	—	—	—	—	1	—	3	1	1
12. Malignant Neoplasm, breast	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	11	—	—	—	—	—	—	1	3	2	3	2
13. Malignant Neoplasm, uterus	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	—	1	1	—
14. Other malignant and lymphatic neoplasms ..	M	32	—	—	—	1	—	—	2	5	10	5	9
	F	23	—	—	—	—	—	—	2	3	3	10	5
15. Leukaemia, aleukaemia	M	2	—	—	—	—	—	—	—	—	—	2	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
16. Diabetes	M	2	—	—	—	—	—	—	—	—	1	1	—
	F	2	—	—	—	—	—	—	—	—	2	—	—
17. Vascular lesions of nervous system	M	44	—	—	—	—	—	—	—	1	5	15	23
	F	52	—	—	—	—	—	—	—	2	3	14	33
18. Coronary disease, angina	M	97	—	—	—	—	—	—	4	9	22	30	32
	F	54	—	—	—	—	—	—	—	2	7	13	32
19. Hypertension with heart disease	M	1	—	—	—	—	—	—	—	—	—	—	1
	F	5	—	—	—	—	—	—	—	—	3	—	2
20. Other heart disease	M	26	—	—	—	—	—	—	—	3	2	7	14
	F	39	—	—	—	—	—	—	1	2	7	6	23
21. Other circulatory disease	M	9	—	—	—	—	—	1	—	1	—	2	5
	F	10	—	—	—	—	—	—	—	—	—	1	9
22. Influenza	M	1	—	—	—	—	—	—	—	—	—	1	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
23. Pneumonia	M	17	—	2	—	—	—	—	—	1	2	5	7
	F	22	—	3	—	—	—	—	—	—	1	3	15
24. Bronchitis	M	28	—	—	—	—	—	—	—	—	5	13	10
	F	21	1	—	—	—	—	—	1	—	3	4	12
25. Other diseases of respiratory system	M	6	—	—	—	—	—	—	1	1	1	2	1
	F	4	—	—	—	1	—	—	—	—	—	1	2
26. Ulcer of stomach and duodenum	M	5	—	—	—	—	—	1	—	1	1	—	2
	F	1	—	—	—	—	—	—	—	—	—	—	1
27. Gastritis, enteritis, and diarrhoea	M	1	—	—	—	—	—	—	—	—	—	1	—
	F	1	—	—	—	—	—	—	—	—	—	1	—
28. Nephritis and Nephrosis	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	1	1	—	—
29. Hyperplasia of Prostate	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
30. Pregnancy, childbirth, abortion	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
31. Congenital malformations	M	2	—	—	1	—	—	—	—	—	—	1	—
	F	1	—	1	—	—	—	—	—	—	—	—	—
32. Other defined and ill-defined diseases	M	26	11	3	—	—	—	—	—	1	3	6	2
	F	23	2	—	—	—	—	—	1	2	2	6	10
33. Motor Vehicle accidents	M	8	—	—	—	—	2	—	2	2	1	—	1
	F	5	—	—	—	—	—	—	—	—	1	2	2
34. All other accidents	M	5	—	—	—	1	—	1	1	1	1	—	—
	F	2	—	—	—	—	—	—	—	—	—	2	—
35. Suicide	M	2	—	—	—	—	—	—	—	1	1	—	—
	F	3	—	—	—	—	—	—	1	—	1	1	—
36. Homicide and operations of war	M	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL ALL CAUSES	M	355	11	5	1	2	2	3	10	37	71	103	110
	F	299	3	4	—	1	—	—	8	17	41	72	153

TABLE IV

CAUSES OF DEATH 1951-1965

No.	Cause of Death	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
1	Tuberculosis, respiratory.	16	15	11	11	13	10	6	9	6	6	8	5	5	4	5
2	Tuberculosis, other	4	2	2	—	—	1	—	1	1	—	—	1	—	—	1
3	Syphilitic disease	2	2	5	3	2	6	1	1	—	—	—	5	2	1	—
4	Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	Whooping Cough	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—
6	Meningococcal infections	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—
7	Acute Poliomyelitis	1	—	—	1	—	1	—	—	—	—	—	—	—	—	—
8	Measles	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—
9	Other infective and parasitic diseases ..	7	1	1	—	—	—	4	2	1	1	—	—	1	—	—
10	Malignant neoplasm, stomach	22	24	16	29	20	28	26	14	19	21	26	21	17	23	16
11	Malignant, neoplasm, lung, bronchus ..	15	19	18	19	13	24	27	19	29	18	24	27	22	31	35
12	Malignant neoplasm, breast	3	7	11	12	9	9	10	9	15	20	11	9	10	8	11
13	Malignant neoplasm, uterus..	1	8	9	5	4	4	9	10	6	8	3	5	3	6	2
14	Other Malignant and lymphatic neoplasms	55	57	48	49	51	47	60	53	58	53	55	50	71	47	55
15	Leukaemia, aleukaemia	1	2	3	1	2	4	3	5	—	1	—	5	3	3	2
16	Diabetes	8	2	3	5	2	5	5	7	7	6	5	8	4	3	4
17	Vascular lesions of nervous system ..	95	70	87	106	99	124	109	100	122	120	120	107	102	100	96
18	Coronary diseases, angina	64	77	54	84	76	95	91	101	108	107	118	126	104	151	151
19	Hypertension with heart diseases	11	9	17	18	17	11	20	19	13	8	19	15	12	14	6
20	Other heart disease	178	148	128	110	151	144	143	144	101	115	109	142	135	95	65
21	Other circulatory disease	16	28	15	13	21	14	25	23	22	24	26	26	43	33	19
22	Influenza	23	—	4	4	2	4	18	1	10	—	17	8	8	2	1
23	Pneumonia	28	15	13	29	38	29	31	46	39	32	41	34	37	34	39
24	Bronchitis	54	51	62	47	59	55	59	66	54	80	87	89	69	61	49
25	Other diseases of respiratory system ..	4	2	6	3	11	5	6	9	2	1	5	7	7	8	10
26	Ulcer of stomach and duodenum	5	7	7	3	6	9	8	8	4	5	5	5	6	6	6
27	Gastritis, enteritis and diarrhoea	3	3	1	5	4	1	—	3	3	1	1	4	4	2	2
28	Nephritis and nephrosis	6	7	4	5	12	4	3	4	1	4	—	8	3	1	2
29	Hyperplasia of prostate	5	1	5	5	—	3	3	7	4	2	1	2	1	2	—
30	Pregnancy, childbirth, abortion	—	—	—	—	—	—	1	—	—	1	—	—	2	1	—
31	Congenital malformations	4	4	2	6	5	6	5	6	2	6	4	3	9	3	3
32	Other defined and ill-defined diseases ..	45	56	52	59	66	65	50	55	52	50	55	47	42	56	49
33	Motor vehicle accidents	7	5	5	5	6	5	3	5	6	12	12	11	4	11	13
34	All other accidents	10	14	11	15	16	20	19	13	9	13	9	9	9	11	7
35	Suicide	5	6	4	7	7	5	5	10	9	11	6	7	3	8	5
36	Homicide and operations of war.	—	—	1	1	—	—	—	—	—	1	2	—	—	—	—
	TOTALS	700	643	606	660	714	738	750	750	703	728	769	787	738	725	654

TABLE V

DEATHS 1965

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	11	3·1	96·9	3	1·0	99·0
4 weeks & under 1 year	5	4·6	95·4	4	2·4	97·6
1	1	4·9	95·1	—	2·4	97·6
5	2	5·5	94·5	1	2·8	97·2
15	2	6·1	93·9	—	2·8	97·2
25	3	6·9	93·1	—	2·8	97·2
35	10	9·7	90·3	8	5·5	94·5
45	37	20·1	79·9	17	11·2	88·8
55	71	40·1	59·9	41	25·0	75·0
65	103	69·1	30·9	72	49·0	51·0
75 & over	110	100·0	—	153	100·0	—
TOTAL	355			299		

Grouped causes of death 1965.

Proportions

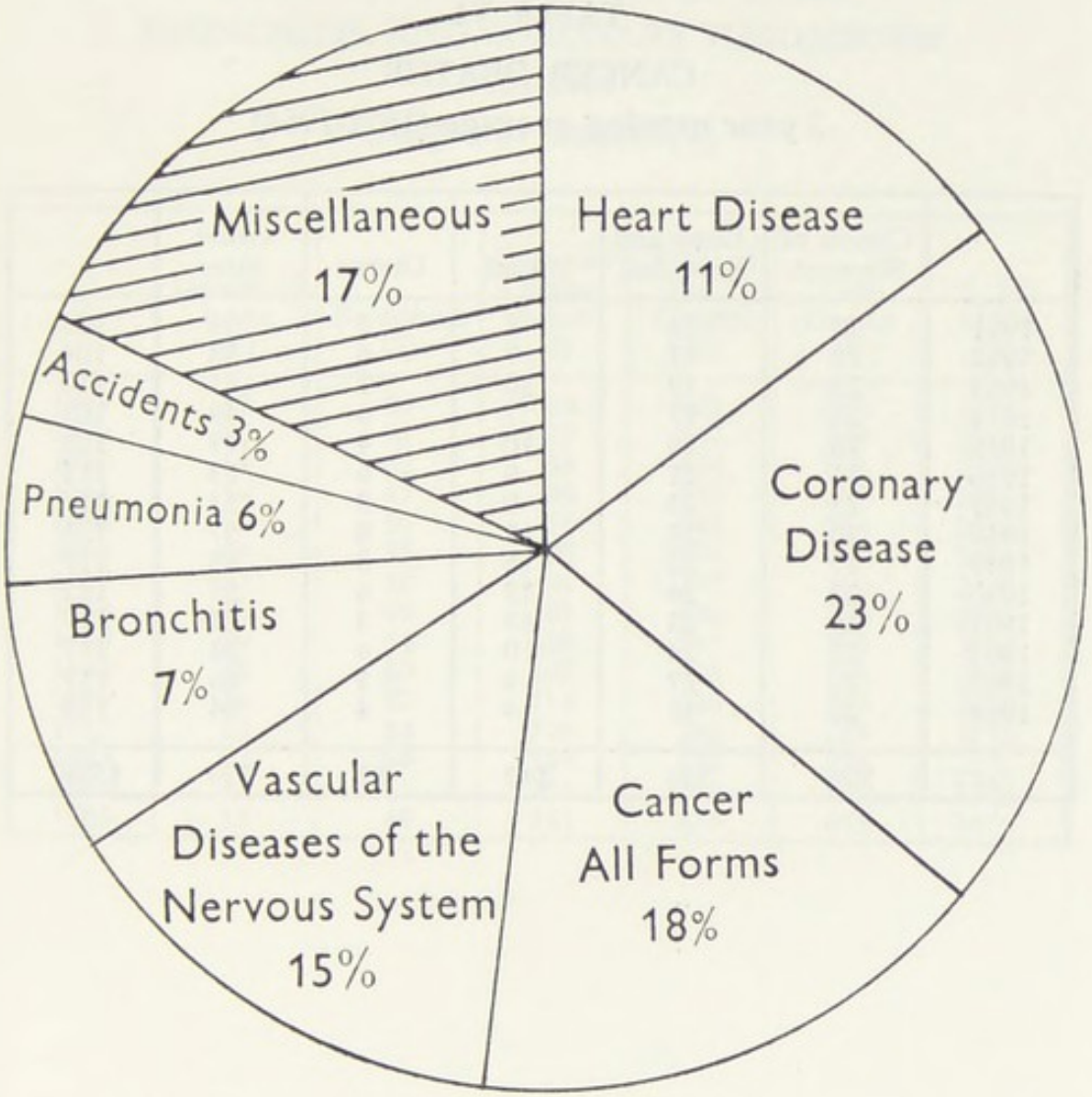


TABLE VI

CANCER DEATHS

3 year moving average (1951-1964)

	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
1964	20	31	9	4	54	118
	306	308	142	82	750	1588

TABLE VII

DEATHS FROM CANCER OF LUNG, BRONCHITIS, AND CORONARY THROMBOSIS 1951-1965

(Registrar General's)

	Cancer of Lung (1)	Bronchitis (2)	Coronary Throm-bosis (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%
1965	35	49	151	235	654	36%

TABLE VIII

CANCER DEATHS (1941-1965)

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 & Bronchus	Percentage (3) of (2)	3 Year moving aver. (3)	All Groups	Lung & Bronchus	Percentage (7) of (6)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
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	24·0	58	7	12
1965	121	71	29	41		50	6	12
	2743	1416	375	26		1327	74	6

TABLE IX

INFANT DEATHS 1965

	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				Both Sexes
	M	F	M	F	M	F	M	F	M	F	M	F	
Total	3	1	8	2	—	—	4	3	1	1	16	7	23

TABLE X

TUBERCULOSIS — NEW CASES AND DEATHS 1965

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	—	—	—	—	—	—
5—10	—	—	—	—	—	—	—	—
10—15	1	—	—	—	—	—	—	—
15—20	1	2	1	—	—	—	—	—
20—25	1	1	1	—	—	—	—	—
25—35	—	1	—	1	—	—	—	—
35—45	2	—	—	—	—	—	—	—
45—55	3	1	1	—	—	2	—	—
55—65	2	—	—	—	1	—	1	—
65 and upwards	—	—	—	—	2	—	—	—
TOTALS ..	10	6	3	1	3	2	1	—
	16		4		5		1	
	20				6			
Case rate per 1,000	·32	·08	Death Rate per 1,000		0·10		0·02	
	·40				0·12			

TABLE XI

TUBERCULOSIS

INCIDENCE AND DEATH-RATES ANNUALLY 1946-1965

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
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
1965	0·32	0·08	1·40	0·10	0·02	0·12
Average for 20 years	0·94	0·17	1·11	0·27	0·04	0·31
Average for first 5-year period 1946—1950	1·10	0·27	1·37	0·54	0·11	0·65
Average for last 5-year period 1961—1965	0·68	0·12	0·80	0·11	0·01	0·12

PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES

There were 295 notifications in 1965 and 1053 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

1954-1965

Year	Quarter	Measles	Whooping Cough	Year	Quarter	Measles	Whooping Cough
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
1959	1	179	2	1965	1	128	—
	2	517	4		2	22	2
	3	39	3		3	21	—
	4	21	3		4	5	—

TABLE XIII
NOTIFICATIONS OF INFECTIOUS DISEASES 1965
AGE GROUP ANALYSIS

DISEASES	Total Cases at all Ages	Under 1	1	2	3	4	5—9	10—14	15—19	20—34	35—44	45—64	65 and over	Age unknown	Total Deaths	Total cases Removed to Hospital from the District
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid Fevers ..	2	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—
Meningococcal Infection	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	33	—	—	1	6	5	17	3	—	1	—	—	—	—	—	1
Whooping Cough ..	2	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	3	—	—	—	—	—	—	—	1	—	1	1	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	44	—	6	3	2	9	8	1	1	13	1	—	—	—	—	2
Measles	176	16	26	35	43	34	19	2	—	1	—	—	—	—	—	—
Acute Poliomyelitis—																
Paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-Paralytic.. ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Encephalitis—																
Infective	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Post Infectious ..	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1
Acute Pneumonia—																
(Primary & Influ.) ..	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	7	—	—	—	—	1	1	2	—	1	—	2	—	—	—	1
Pulmonary Tuberculosis	16	—	—	—	1	—	—	1	3	3	2	6	—	—	5	13
Non-Pulmon. Tuberculosis	4	—	—	—	—	—	—	—	1	2	—	1	—	—	1	—
Malaria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Infective Hepatitis ..	6	—	—	—	—	—	3	2	1	—	—	—	—	—	—	1
TOTALS	295	16	32	40	52	50	50	11	7	22	5	10	—	—	6	19

TABLE XIV

INFECTIOUS DISEASES
ANNUAL NOTIFICATIONS—1936-1965

Year	Smallpox	Typhoid Fever	Paratyphoid Fever	Meningococcal Infection	Scarlet Fever	Whooping Cough	Diphtheria	Erysipelas	Ophthalmia Neonatorum	Dysentery	Measles	Acute Poliomyelitis (Paralytic)	Acute Poliomyelitis (Non-paralytic)	Acute Encephalitis (Infective)	Acute Encephalitis (Post Infectious)	Acute Pneumonia (primary and influenzal)	Puerperal Pyrexia	Food Poisoning	Pulmonary Tuberculosis	Non-pulmonary Tuberculosis	Malaria	Infective Hepatitis	Total
1936	—	1	—	1	179	—	127	37	3	—	—	—	—	—	1	85	16	—	40	34	—	—	524
1937	—	1	—	1	233	—	243	25	5	5	—	—	—	—	2	97	22	—	60	30	—	—	724
1938	—	2	—	3	116	—	225	29	5	2	—	3	—	—	—	66	37	—	44	22	—	—	554
1939	—	—	—	6	59	—	84	17	5	—	—	1	—	—	—	67	28	—	39	18	—	—	324
1940	—	1	—	21	42	129	59	12	4	—	686	—	—	—	—	95	27	—	51	22	—	—	1149
1941	—	7	—	16	48	128	38	12	5	—	260	4	—	—	—	86	23	—	51	14	—	—	692
1942	—	1	—	8	86	39	42	20	8	—	521	—	—	—	—	85	28	—	49	27	—	—	914
1943	—	—	—	4	98	197	61	21	10	—	355	—	—	—	—	126	19	—	43	22	—	—	956
1944	—	1	—	4	63	69	60	17	2	—	419	—	—	—	—	31	13	—	48	15	—	—	742
1945	—	—	—	3	41	34	64	6	1	—	233	—	—	—	—	38	7	—	56	18	—	—	501
1946	—	1	—	3	27	175	25	12	3	—	136	—	—	—	—	58	8	—	57	11	—	—	516
1947	—	1	—	—	26	48	11	12	1	—	696	1	—	—	—	31	7	—	48	20	—	—	902
1948	—	2	—	1	131	236	19	14	—	—	439	4	—	—	—	44	2	—	48	12	—	—	952
1949	—	—	—	2	265	54	4	15	1	—	461	6	—	—	—	55	3	—	45	19	—	—	930
1950	—	—	—	1	103	223	6	5	—	10	281	8	—	—	—	38	1	3	43	12	—	—	734
1951	—	—	—	3	102	88	3	4	—	4	855	1	—	—	—	51	1	3	53	11	—	—	1179
1952	—	2	—	1	116	139	1	6	—	6	422	—	1	—	—	25	—	3	74	17	—	—	813
1953	—	—	—	1	91	255	—	12	—	3	427	1	—	—	—	44	2	2	55	15	—	—	908
1954	—	—	1	2	86	97	—	5	1	22	182	1	—	—	—	25	24	4	55	14	—	—	519
1955	—	—	—	2	69	72	—	5	—	122	1059	1	1	—	—	19	57	8	51	4	—	—	1470
1956	—	—	—	3	35	95	—	6	—	33	21	3	7	1	—	18	29	5	31	3	—	—	290
1957	—	—	—	4	49	113	—	6	—	297	922	—	—	1	—	26	18	2	53	1	—	—	1492
1958	—	—	—	2	75	99	—	4	—	39	166	1	—	—	—	12	2	12	42	12	—	—	466
1959	—	—	—	1	51	12	—	1	—	10	756	—	—	—	—	25	18	1	15	3	—	—	893
1960	—	—	—	—	29	28	—	2	—	367	157	—	—	—	—	7	13	4	20	1	—	—	628
1961	—	—	—	2	37	13	—	2	—	31	739	2	—	—	—	7	41	2	49	3	1	—	929
1962	—	—	—	3	31	31	—	3	—	97	147	—	—	—	—	2	6	7	40	9	—	—	376
1963	—	—	—	—	20	50	—	1	—	10	729	1	—	—	—	4	—	—	30	5	—	5	855
1964	—	—	—	—	29	41	—	7	—	265	638	—	—	—	—	5	1	14	36	8	—	9	1053
1965	—	—	2	—	33	2	—	3	—	44	176	—	—	—	1	1	—	7	16	4	—	6	295

VENEREAL DISEASES DEALT WITH AT THE ASHTON-UNDER-LYNE GENERAL HOSPITAL 1965

New Cases of Infections	Totals	Male	Female
1. SYPHILIS			
(i) Primary	–	–	–
(ii) Secondary	–	–	–
(iii) Latent in first year of Infection ..	–	–	–
(iv) Cardio-vascular..	–	–	–
(v) Of the nervous system.	–	–	–
(vi) All other late and latent stages ..	1	–	1
(vii) Congenital (under 1 year)	–	–	–
(viii) Congenital (over 1 year)	4	–	4
Total of lines included in 1	5	–	5
2. GONORRHOEA	25	23	2
3. (i) Chancroid	–	–	–
(ii) Lymphogranuloma Venereum ..	–	–	–
(Syn. Lymphongranuloma Inguinule).	–	–	–
(iii) Granuloma Inguinale	–	–	–
(Syn. Granuloma Venereum)... ..	–	–	–
(iv) Non-Gonococcal Urethritis	15	15	–
(v) Non-Gonoccal Urethritis with Arthritis	–	–	–
(vi) Late or Latent Treponematosis presumed to be non-Syphilitic ..	–	–	–
(vii) Other conditions requiring treatment within the Centre	14	6	8
(viii) Conditions requiring no treatment within the centre	43	36	7
(ix) Undiagnosed Conditions	–	–	–
Total of lines included in 3.	72	57	15
Grand Totals (1, 2 and 3)	102	80	22

TUBERCULOSIS

There were 20 new cases of Tuberculosis notified, 16 being pulmonary and 4 non-pulmonary. Of the 16 pulmonary cases, 10 were in males and 6 in females.

Deaths were 6 in 1965, 4 in 1964, 5 in 1963, 6 in 1962.

Comprehensive medical care is provided by the Chest Clinic under the direction of the Consultant Chest Physician from persons suffering from tuberculosis.

Careful investigation into living conditions, family history, workplace and contacts of the patient is carried out by the tuberculosis health visitor attached to the Chest Clinic. Whilst the work of this nurse is closely associated with the treatment of the patient, she is particularly concerned with preventive measures. These include arranging for contacts of the case to attend the Chest Clinic for B.C.G. inoculations and chest X-ray, and to secure information about the possible source of the disease amongst the circle of contacts.

In conjunction with the Health Department of the particular district, the Health Visitor is instrumental in securing attention to environmental defects which might hinder the patient's recovery. She also ensures that the nutrition of the patient is adequate, and where necessary, supplementary foods may be provided.

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
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
1965	182	27

The classification of cases on the Register at 31st December, 1965 was :—

Respiratory			Non-respiratory			Total respiratory and non-respiratory		
M	F	Total	M	F	Total	M	F	Total
117	65	182	17	10	27	134	75	209

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	118	60	32	20	4	2	—	—	92
Fair ..	57	28	7	13	6	1	1	1	66
Bad ..	7	4	—	1	2	—	—	—	8
	182								166

Of the 182 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 Commitee of the Borough gives special consideration to recommendations for re-housing in cases of tuberculosis. The object of these recommendations is to provide a standard of housing where the risks of direct infection from one member of the family to another are minimised and particularly to safeguard young children from possible exposure to infection.

The following table shows the recommendations I have made over the last 14 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
1965	4	7
TOTAL	152	82

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

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	Crickets Lane,	Tuesdays 2 p.m.
	Richmond House, York Place,	Thursdays 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,	Crickets Lane, Richmond House, York Place,	Alternate Fridays 2 p.m.
*Speech Therapy	Richmond House, York Place,	Each morning—Monday to Friday
*Ultra Violet Light Clinics,	Richmond House, York Place,	Tuesdays and Fridays 9 a.m.

2. School Medical Service

The School Clinic at Crickets 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. Hague (resigned 28.11.65)

4. School Nurses

Mrs. Parthasarathy (commenced 1.9.65)
Mrs. Brown (resigned 28.2.65)
Mrs. Graham
Mrs. Edwards (resigned 31.7.65)

5. Midwives

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

Mrs. F. T. Ashworth,
10, Cranbourne 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,
91, Hamilton Street, 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 Beeston, 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 1965.

No. of unfit properties included in Clearance Areas since 1955	1818
No. of unfit properties dealt with as individually unfit, i.e., Demolition Order or Closing Order	67
No. of unfit properties included in Certificates of Unfitness issued by the Medical Officer of Health	164
	2049
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	50
	299
Total number of properties	2348
No. of houses still occupied	262

The following details relate to outstanding areas :

	Number of dwelling houses	Number of unfit dwelling houses	Number still occupied	
1. HILLGATE				
(a) West side of Hillgate Street	114	96	—	All buildings demolished. Redevelopment not yet commenced.
(b) East side of Hillgate Street				
(i) Hillgate St. No. 5 C.P.O., 1963	47	47	2	Majority of buildings demolished. Redevelopment not yet commenced.
(ii) Holden St. No. 1 C.P.O., 1963	26	26	2	Majority of buildings demolished.
(iii) Forest St. C.P.O., 1964	5	5	4	
(iv) Holden St. No. 2 C.P.O., 1965	15	15	14	C.P.O. made, not yet confirmed.

	Number of dwelling houses	Number of unfit dwelling houses	Number still occupied	
2. SOUTH SIDE OF STAMFORD ST.				
(a) Park Street C.P.O. 1962	18	12	—	All buildings demolished. Redevelopment commenced.
(b) Charles Street No. 1 C.P.O., 1963	114	111	11	Majority of buildings demolished. Redevelopment planned to commence shortly.
(c) Charles Street No. 2 C.P.O., 1963	165	144	58	Demolition of buildings to be commenced shortly. Redevelopment under discussion.
(d) Fleet Street C.P.O., 1964	13	13	11	Demolition not yet commenced. Affected by Southern Diversion.
(e) Park Street C.P.O., 1964	15	15	14	Demolition not yet commenced.
(f) Hill Street C.P.O. 1964	3	3	—	Buildings demolished.
(g) Welbeck Street C.P.O., 1964	7	6	7	Acquisition completed. Rehousing proceeding. Redevelopment under discussion.
(h) Cavendish Street C.P.O. 1964	9	9	2	Demolition not yet commenced. Affected by Southern Diversion.
(i) Church Street No. 1 C.P.O., 1964	13	13	7	Demolition not yet commenced.
3. WATERLOO				
(a) Worthington Street C.P.O., 1964	19	19	14	Demolition not yet commenced.
(b) Colwyn Street Clearance Order, 1965	28	28	—	Rehousing completed. Demolition and redevelopment proceeding.
(c) Anglesey Road C.P.O., 1965	8	8	8	Order made, not yet confirmed. Negotiations for acquisition by agreement proceeding.

	Number of dwelling houses	Number of unfit dwelling houses	Number still occupied	
4. SOUTH OF PENNY MEADOW				
(a) Old Cross Street C.P.O., 1964	73	73	72	Order made, not yet confirmed. Some properties acquired. Redevelopment planned.
5. AREA BOUNDED BY KATHERINE STREET AND STAMFORD ST.				
(a) Old Street No. 1 Clearance Order 1963	5	5	—	Buildings demolished.
(b) Dale Street No. 1 C.P.O., 1963	3	3	—	Demolition proceeding.
(c) Moss Street No. 1 C.P.O., 1963	3	3	1	Demolition not yet commenced.
(d) Bentinck Street Clearance Area, 1963	4	4	—	Acquisition completed. Property demolished.
(e) Welbeck Street Clearance Area, 1963	5	5	9	Acquisition completed. Properties demolished.
(f) Wood Street C.P.O., 1964	17	17	14	Part excluded from C.P.O. Redevelopment under discussion.
(g) Wellington Street C.P.O., 1964	7	7	6	Acquisition completed.
(h) Oldham Road Clearance Order 1964	6	6	5	Redevelopment under discussion.
(i) Dale Street Clearance Order 1964	3	3	2	Rehousing proceeding. Redevelopment under discussion.
(j) Old Street No. 1 Clearance Area, 1965	4	4	4	Purchase provisionally agreed. Loan consent being sought.
6. HURST				
(a) Craven Street Clearance Area, 1965	6	6	4	Clearance Order to be made.
	755	706	262	

MARKET PLACE
ASHTON-UNDER-LYNE

MR. MAYOR, MR. CHAIRMAN, LADY AND GENTLEMEN,

I have pleasure in presenting my report on the work of your Public Health Inspectors for the year 1965.

In April, the establishment of Public Health Inspectors was completed, after repeated advertisements in technical journals, by the appointment of an Inspector to fill a vacancy created in July 1964. The student qualified as a Public Health Inspector, and since the Council was unable to offer him a suitable position, he was released from his agreement and obtained an appointment with another local authority. A new student, with the appropriate qualifications, was appointed and commenced training at Salford Royal Technical College in September.

The first full year of operation of the atmospheric volumetric analysis instrument at Knott Hill Reservoir was completed. A comparison between the pollution levels recorded at the Health Department and Knott Hill is interesting, although the results shown for the Health Department were probably influenced by large-scale demolitions of properties adjoining the Market Ground, when much on-site burning of timber took place.

No Smoke Control Orders became operative during the year, but two Orders were submitted to the Minister for confirmation, which will bring under control a further 2840 premises and 779 acres of the town.

With the publication of Circular 13/65, the Government took a retrograde step in the promotion of clean air. It provided for the re-introduction of open-inset fires (all-night burner grates) as approved appliances in future smoke control areas.

The action was taken on the promise of increased availability of premium grade fuels, which are relatively expensive as compared with gas and hard cokes. As the production of gas coke is likely to drop considerably over the next few years and hard coke is not a suitable fuel for use on open fires, householders who install open inset fires will be compelled to burn premium grade fuels, and since the efficiency of such grates is very low, running costs must inevitably be very high. Unfortunately, many people will tend to consider the low capital outlay on such appliances without regard to the running costs, particularly so in the cases of owners of tenanted houses, to whom primary cost is the only concern.

I make no apology for referring to a matter which has appeared in the prologues of my reports for 1963 and 1964, namely, the lack of legislative control over the incidence of brucella abortus in cattle. Once again a great deal of time has been consumed in sampling milk from affected herds time and time again, in efforts to effect some sort

of control of the milk, without any means of controlling the source. However, it may be that in the not too distant future, control measures may be introduced which will render all the current tedious and farcical procedures unnecessary. Let us hope so.

The year marked the end of an era in the Health Department. In May, Alderman W. H. Flowers relinquished his Chairmanship of the Health Committee after many years of service, and it would be remiss of me not to acknowledge my indebtedness to him for his guidance, his unstinted support and not least, the benefit of his vast experience in local government.

October saw the retirement of Dr. A. S. Simpson, after thirty-two years as your Medical Officer of Health. In wishing him a long and happy retirement, may I offer my grateful thanks for his kindness, courtesy and co-operation at all times.

It has been a great privilege indeed to have been associated with two such outstanding men.

Finally, my sincere thanks to our new Chairman, Alderman Hibbert, the Health Committee, Dr. E. J. H. Foster, and my own staff for their help and encouragement.

I have the honour to be,

Mr. Mayor, Lady 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 1965

Housing Statistics

1. Number of new Houses erected during the year :—

	Houses	Flats
(i) By the Local Authority	20	244
(ii) By other Local Authorities ..	—	—
(iii) By other Bodies or Persons ..	176	11

2. Total No. of Council-owned dwellings at end of year .. 5590

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) 1077

   (b) Number of inspections made for the purpose .. 1574

   (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 .. 462

4. Houses included in Clearance Areas 37

5. Individual houses represented as being unfit for human habitation 7

6. Houses demolished :—

	Houses Demolished	Displaced during Year	
		Persons	Families
In Clearance Areas :			
(1) Houses unfit for human habitation	241	599	236
(2) Houses included by reason of bad arrangement, etc.	10		
(3) Houses on land acquired under Sec. 43(2), Housing Act, 1957	53		
Not in Clearance Areas :			
(4) As a result of formal or informal procedure under Section 17(1) Housing Act, 1957	4	4	—
(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	—		

7. Unfit houses closed :—

	Number	Displaced during Year	
		Families	Persons
(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 :—

	Number
(1) By owner after informal action by local authority	104
(2) After formal notice under—	
(a) Public Health Acts	279
(b) Housing Act, 1957, Sections 9 and 16	
(i) by owner	—
(ii) by Local Authority	—
(3) Under Section 24, Housing Act, 1957	—
(4) After modification or revocation of a Clearance Order under S.21 Housing Act, 1961	—
(5) After determination of a Closing Order under S.27 Housing Act, 1961	—

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	—	—

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

Action during the year :—	No. of dwellings or other bldgs. affected
(a) Applications submitted to local authority for improvement to full standard	163
(b) Applications approved by local authority for improvement to full standard	158
(c) Work completed	154

11. Rent Act, 1957 :—

Applications for Certificates of Disrepair	5
No. of Certificates issued	1
No. of Undertakings accepted	—
No. of cancellations	—
Visits made in relation thereto	10

SANITARY IMPROVEMENTS

The conversion of waste-water closets into fresh-water closets continued during the year. This is the nineteenth year the scheme has been in operation and the number dealt with during 1965 was 255. Up to date 4,562 waste-water closets have been abolished by conversion.

CLEAN AIR

Industrial Premises

156 observations on various chimneys were carried out for contravention of the Dark Smoke (Permitted Periods) Regulations, 1958.

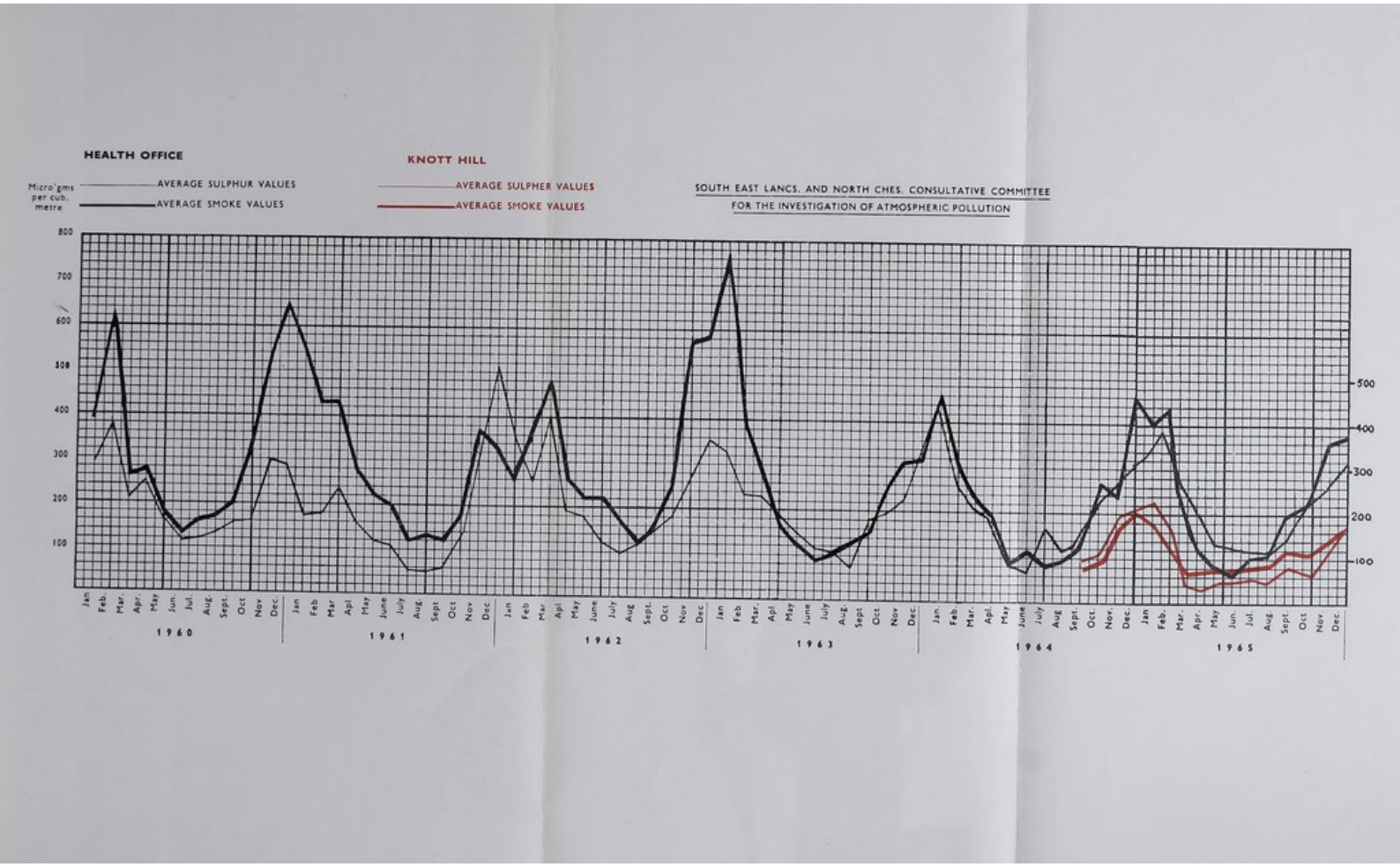
It was found necessary to institute legal proceedings against two firms for offences under the Clean Air Act 1956. In one case, proceedings were taken under Section 16 of the Clean Air Act, 1956, in respect of smoke nuisance caused by the burning of cable and old cars, and a Nuisance Order was granted prohibiting recurrence of the nuisance. The second case concerned the emission of dark smoke from a works chimney in contravention of the standards provided in the Dark Smoke (Permitted Periods) Regulations, 1958. Proceedings were taken under Section 1, Clean Air Act 1956, resulting in the imposition of a fine of £20.

YEARLY AVERAGE CONCENTRATIONS

	Smoke		*Sulphur Dioxide*	
	Health Dept.	*Knott Hill*	*Health Dept.*	*Knott Hill*
1961	281·5	—	176·4	—
1962	307·3	—	223·3	—
1963	254·4	—	197·0	—
1964	221·8	—	207·6	—
1965	228·7	96·5	236·9	115·5

Domestic Premises

There are now five Smoke Control Orders in force, covering 3,584 properties and 567·26 acres.


HEALTH OFFICE
AVERAGE SULPHUR VALUES
AVERAGE SMOKE VALUES
Micro'gms per cub. metre
KNOTT HILL
AVERAGE SULPHER VALUES
AVERAGE SMOKE VALUES
SOUTH EAST LANCS. AND NORTH CHES. CONSULTATIVE COMMITTEE
FOR THE INVESTIGATION OF ATMOSPHERIC POLLUTION
800
700
600
500
400
300
200
100
1960
1961
1962
1963
1964
1965

VOLUMETRIC ANALYSIS INSTRUMENT

1965	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	396	212	1252	680	122	72	347	159	1162	424	97	55
February	442	154	1356	896	172	28	404	133	1038	768	188	29
March	239	—	724	—	104	—	428	—	584	—	158	—
April	127	25	260	113	61	13	166	51	484	179	44	14
May	99	46	202	83	55	13	143	93	251	151	51	61
June	81	48	172	108	18	18	129	78	238	175	38	48
July	112	57	187	102	42	18	127	83	306	120	39	66
August	114	47	205	75	40	20	121	87	222	129	71	55
September	187	86	450	229	91	30	158	129	323	272	60	85
October	223	74	415	150	89	20	222	123	345	189	121	67
November	356	129	959	371	94	51	272	144	639	432	124	86
December	369	184	1573	592	114	61	326	189	1155	575	136	96

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

The preceding 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 .. — (b) Sterilising plant .. —

   (c) Pre-packed milk .. 241 (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 .. 86 (c) Sterilised .. 236

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

   (i) Samples for Biological Examination :

	Total No. of samples submitted	RESULTS		
	72	*Positive*	*Negative*	*No result*
Results :—				
(a) Tuberculosis		—	7	—
(b) Brucellosis—Ring Test		47	24	1
(c) Brucellosis—Culture Test		18	53	1
(d) Brucellosis—Biological Test		1	1	3

   (ii) Samples for Statutory Tests

	No. of Samples	RESULTS		
		Satis-factory	*Unsatis-factory*	*Void Samples*
Raw Milk :				
(a) Methylene Blue Test	—	—	—	—
Heat Treated Milk :				
(b) Methylene Blue Test }	61	58	2	1
(c) Phosphatase Test }		60	—	1
(d) Turbidity Test	19	18	—	1
(e) Colony Count Test	—	—	—	—

Ice-Cream

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

Grade 1	22
Grade 2	5
Grade 3	—
Grade 4	4
Void	2

2 ice-lollies were sampled—both were satisfactory.

FOOD AND DRUGS ACT

During the year, 141 samples were taken and submitted to the Public Analyst for examination. The details of these samples are as follows :—

Milks	8
Fresh fruits and vegetables	28
Tinned meats	16
Tinned fish	14
Tinned tomatoes	2
Tinned fruit	1
Tinned cream and evaporated milk	3
Yoghurt	5
Butter	5
Jam and preserves	4
Bread	3
Flour	3
Salami	3
Fruit drinks	3
Lime cordial and lager	2
Jelly and table creams	2
Coffee	2
Tea	2
Toothpaste with fluoride	2

One sample each of the following :—

Honey cakes ; milk cakes ; cottage cheese ; fresh cream-bun ; fresh cream cake ; jar chicken ; herbal remedy ; margarine ; pickles ; kipper snack ; sugar ; whisky-flavoured marmalade ; orange marmalade ; baking powder ; pepper ; Christmas pudding ; extract of malt ; crude black molasses ; laxative tablets ; mincemeat ; mixed fruit ; lemon curd ; tincture of myrrh ; creamed smatana ; mustard ; curry sauce ; cornflour ; mixed vegetables ; wine vinegar ; peppermint essence ; cough mixture ; lemonade shandy ; buttermilk.

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

Commodity	*Adulteration*	*Remarks*
Casserole steak	Deficient in meat.	Letter to manufacturer
Dressed crab	Deficient in meat.	Further sample taken—satisfactory.
Pasteurised milk	Fragments, probably of a leaf, adhering to inside of bottle.	Letter to the manufacturer.
Herbal remedy	Misleading description.	Itinerant market trader—not seen again.
Butter	Contained more than 16% water. Also had rancid odour and taste.	Manufacturer cautioned.
Milk	Contained red water soluble ponceau dye.	Manufacturer cautioned.
Jellied eels	Contained only 55% eels. Expected contents at least 70%.	Letter to manufacturer.

FOOD HYGIENE

1,396 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.

As a result of our routine work, one restaurateur was prosecuted under the Food Hygiene (General) Regulations 1960, on the following nine charges :—

1. Cooking ranges, hotplate, chopping block, cleaver, trays, sink adjacent to cooking range not kept clean. (Reg. 6)

2. Failed to take such steps as were necessary to protect food from risk of contamination. (Reg. 8)

3. Adequate supply of hot water not provided to wash-basin in room adjoining kitchen. (Reg. 16(2))

4. Sufficient bandages, dressings and antiseptics for first aid treatment were not provided. (Reg. 17)

5. Adequate supply of hot water not provided to two sinks in the kitchen. (Reg. 19)

6. Food room used as a sleeping place. (Reg. 22)

7. Walls of the kitchen and room adjoining were not kept in such good order as to enable them to be effectively cleaned. (Reg. 23)

8. Walls, floors, doors and woodwork of every food room were not kept clean. (Reg. 23)

9. Accumulations of refuse in kitchen and room adjoining. (Reg. 24)

Defendant was found guilty on all charges and was fined £10 in respect of each offence.

FOOD CONDEMNED 1965

	T.	C.	Lbs.
Tinned Goods	2	4	14
Onions	1	5	0
Peas	1	7	91
Fish		1	60
Bacon			53
Mutton			44
Poultry			43
Beef			26¼
Soft drinks			20¾
Jams and Preserves			6
	5	0	22

In addition to the above, 1053 packets of frozen foods were condemned, consisting of vegetables, fruit, meat, fish, chips, pies, whole chickens, cartons of fruit juice.

MEAT INSPECTION

No. of animals killed (pigs only)	35,883
No. of animals inspected (pigs only)	35,883

Total weight of meat and offals destroyed during the year as diseased, unsound and unfit for human consumption .. .. .. 18 tons 4 cwts. 15 lbs.

Carcases and Organs Condemned as Totally Unfit for Human Consumption

PIGS	Tuberculosis	Other than Tuberculosis			
		Inflammatory Diseases	Parasitic Diseases	Other Conditions	Total
Whole carcases condemned	2	81	—	29	112
Carcases of which some part or organ was condemned ..	746	3,851	1,311	127	6,035

Details of Various Organs Condemned as Unfit for Human Consumption

	Tuberculosis	Inflammatory	Parasitic	Other Diseases
Heads and Tongues ..	746	—	—	—
Lungs (prs.)	—	2,668	—	—
Livers	—	—	1,308	—
Plucks	—	1,088	—	—

RODENT CONTROL
Prevention of Damage by Pests Act, 1949

	TYPE OF PROPERTY				
	Non-Agricultural				
	(1) Local Authority	(2) Dwelling Houses (including Council Houses)	(3) All other (including Business Premises)	(4) Total of Cols. (1) (2) and (3)	(5) Agri-cultural
1. No. of properties in the district..	29	17,239	4,337	21,605	31
2. Total No. of properties inspected as a result of notification	27	381	149	557	16
No. of such properties found to be infested by :					
Common rat Major	—	—	—	—	—
Minor	16	225	68	309	14
House mouse Major	—	—	—	—	—
Minor	8	139	65	212	—
3. Total No. of properties inspected in the course of survey under the Act	5	240	79	324	1
No. of such properties found to be infested by :					
Common rat Major	—	—	—	—	—
Minor	—	57	21	78	—
House mouse Major	—	—	—	—	—
Minor	3	19	7	29	—
4. Total No. of properties otherwise inspected	3	58	21	82	—
No. of such properties found to be infested by :					
Common rat Major	—	—	—	—	—
Minor	3	31	13	47	—
House mouse Major	—	—	—	—	—
Minor	—	6	4	10	—
5. Total inspections carried out, including re-inspections	173	1,731	652	2,556	51
6. No. of infested properties (in sections 2, 3 and 4) treated by the Local Authority ..	25	462	173	660	12
7. Total treatments carried out, including re-treatments	60	569	232	861	16

	TYPE OF PROPERTY				
	Non-Agricultural				
	(1) Local Authority	(2) Dwelling Houses (including Council Houses)	(3) All other (including Business Premises)	(4) Total of Cols. (1) (2) and (3)	(5) Agri-cultural
8. No. of notices served under Section 4 of the Act :					
(*a*) Treatment ..	—	1	—	1	—
(*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 ..	—	—	—	—	—

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, 92 Corporation and 17 privately owned houses were treated.

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	4	4	—
Chemical analyses	—	—	—

(b) WATER GOING INTO SUPPLY WHERE TREATMENT IS INSTALLED

	Number	Satisfactory	Unsatisfactory
Bacteriological examinations	41	40	1
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	90,186 *
Private Slipper Baths	36,680
Zotofoam Sweating Bath	2,274
Total	129,140

*Closed for ten weeks for alterations.

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, 1965 .. 6,681

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.

Eight 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 1965 BY PUBLIC HEALTH INSPECTORS

General Sanitation—	*No. of visits*
Accumulations	226
Animals, etc.	62
Ashbins	18
Caravans	104
Conversions	722
Dirty houses	25
Drainage	973
Drain tests : Smoke	107
Colour	136
Olfactory	1
Houses-let-in-Lodgings	2
Interviews with owners, etc.	320
,, ,, contractors, etc.	118
Offensive smells	75
Offensive trades	—
Offices (P.H.A. 1936)	2

	No. of visits
Passages, etc.	15
Pet Animals Act	16
Piggeries	10
Places of Entertainment	1
Public Conveniences	72
Refuse tips	18
Schools	12
Swimming Baths	1
Temporary Dwellings	1
Water supply	11
Yards	14
Miscellaneous	887
INFECTIOUS DISEASES—	
Enquiries into cases	162
Re-visits	74
Visits to contacts	67
Disinfections	3
SHOPS ACT 1950—	
Closing Hours	1
Sanitary and Welfare Provisions	3
DISEASES OF ANIMALS ACT—	
Visits	4
Waste Foods Order	1
ANIMAL BOARDING ESTABLISHMENTS ACT—	
Visits	9
VERMINOUS PREMISES—	
No. inspected	193
Re-visits	56
Disinfestations	116
PREVENTION OF DAMAGE BY PESTS ACT—	
Rats and Mice	348
NOISE ABATEMENT ACT—	
Visits	3
OFFICES, SHOPS AND RAILWAY PREMISES ACT—	
Visits to premises	132
Visits re accidents	4

	No. of visits
CLEAN AIR ACT—	
Smoke Observations : Industrial	156
,, ,, Domestic	3
Smoke Control Areas :	
Advisory visits	609
Visits to Conversions	2
Survey visits	1707
HOUSING—	
Public Health Act :	
No. of houses inspected	838
Re-visits	348
Housing Act :	
No. of houses inspected	239
Re-visits	149
Overcrowding :	
No. of houses inspected	2
Re-visits	1
Rent Act, 1957 :	
No. of houses inspected	9
Re-visits	1
Small Dwellings Acquisition Act :	
No. of houses inspected	152
Re-visits	114
Miscellaneous Housing Visits	643
INSPECTION OF FOODS—	
Bakehouses and/or Confectioners	44
Restaurants, Cafes, Snack Bars, Canteens, Food preparing premises	108
Licensed Premises, Clubs	8
Dairies, Milk Purveyors, Milk Shops	114
Fishmongers, etc.	4
Fried Fish Shops	3
Grocers	159
Greengrocers	14
Sweet Shops, Minerals, Ice Cream Makers and Vendors	27
Markets	68
Meat Shops, Stores, Stalls	76
Slaughterhouses	729
Others	42

NATIONAL ASSISTANCE ACT, 1948

In pursuance of the provisions of the above Act, there were 2 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	43	7	—
Factories without Mechanical Power	5	6	—	—
Other Premises under the Act (including works of building and engineering construction but not including outworkers' premises) ..	15	1	—	—
Total	334	50	7	—

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 (S.7) — Insufficient ..	—	—	—	—
Sanitary Conveniences (S.7) — Unsuitable or Defective	7	5	—	—
Sanitary Conveniences (S.7) — 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	7	5	—	—