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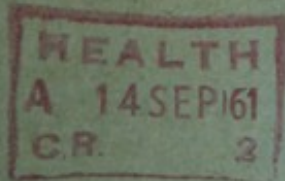
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BOROUGH



OF CREWE

ANNUAL REPORT

OF THE

Medical Officer of Health

AND THE

Chief Public Health Inspector

FOR THE YEAR 1960



D. G. CRAWSHAW, M.B., Ch.B., D.C.H., D.P.H.

Medical Officer of Health

JOHN GASKELL, M.Inst., P.C., M.R.S.H., M.A.P.H.I.

Chief Public Health Inspector

B O R O U G H O F C R E W E

A N N U A L R E P O R T

o f t h e

M E D I C A L O F F I C E R O F H E A L T H

a n d t h e

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

1 9 6 0

B O R O U G H O F C R E W E

HEALTH COMMITTEE

Chairman:

Alderman Mrs. F.E. White

Members :

HIS WORSHIP THE MAYOR -
Councillor S. Orwell, J.P.

Alderman W.R. Foulkes, J.P.

Alderman J.A. Madeley, M.B.E., J.P., C.C.

Councillor E.W. Allcock

Councillor S.S. Bayman

Councillor A.J. Beckett

Councillor J.O. Hughes

Councillor Mrs. D. Kent

Councillor Mrs. N.V. Patrick

Councillor Mrs. M.F. Pemberton

Councillor J. Perry

Councillor M. Scholes

Councillor H.L. Shore.

B O R O U G H O F C R E W E

MEDICAL OFFICER'S OFFICE:

D.G. CRAWSHAW, M.B.,Ch.B.,D.C.H.,D.P.H., Medical Officer of Health
(part-time with Cheshire C.C.)

B.J. SMITH, D.M.A. Chief Clerk (part-time with Cheshire C.C.)

Mrs. J.M. COOKE, Clerk (full-time)

CHIEF PUBLIC HEALTH INSPECTOR'S DEPARTMENT:

J. GASKELL Chief Public Health Inspector
(1.2.3.4.5.6.) Inspector under the Diseases of Animals Acts

R.E. PLATT Deputy Chief Public Health Inspector
(1.2.5.)

C. BENNETT Public Health Inspector
(1.2.3.4.5.)

D.W. COOKE Public Health Inspector
(1.2.4.5.)

R.D. COLLIER Public Health Inspector
(1.2.4.)

E.H. PEET Public Health Inspector
(1.2.)

F.E. WESTON Pupil Public Health Inspector

T.C. SIMPSON Chief Clerk

R.J. BLEASE Clerk

Miss B. PEAKE Shorthand Typist

Miss J. SANDERS Shorthand Typist

1. Public Health Inspector's Certificate (Royal Society of Health and Public Health Inspectors' Examination Joint Board)
2. Meat and Food Inspector's Certificate of the Royal Society of Health.
3. Certificate in Sanitary Science as applied to Buildings and Public Works of the Royal Society of Health.
4. Smoke Inspector's Certificate of the Royal Society of Health.
5. Testamur of the Institute of Public Cleansing.
6. Associate Membership Examination of the Institution of Public Health Engineers.

Health Department,

July, 1961.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present to you my report on the health of the Borough of Crewe for the year 1960.

VITAL STATISTICS

During 1960, 19 infants died before reaching the age of 1 year giving an Infantile Mortality Rate of 20.9 per 1,000 live births. The number for 1959 (15) was the previous lowest figure ever recorded. 16 of these infants died before reaching an age of 28 days. One two months old infant died from Pneumonia and no infant death was ascribed to Infectious Disease, although one infant died from Gastro Enteritis and Diarrhoea.

The total number of deaths recorded 540 is a reduction on the figure of 599 recorded in 1959. The death rate per 1,000 resident population having increased from 10.2 in 1956 to 12.05 in 1958 and falling to 11.7 in 1959 now falls to 10.5. The England and Wales death rate also fell from 11.6 in 1959 to 11.5 in 1960. 195 of these deaths occurred in persons aged 75 years or over, this figure being a reduction of 31 on the 1959 figure. 9 deaths were attributed to accidents and 7 persons committed suicide. 5 persons died from Pulmonary Tuberculosis and 88 persons died from Cancer, 15 of these being Lung Cancer. This latter figure is three less than the number of Lung Cancer deaths recorded in 1959 - i.e. a third year in succession showing a reduction. No death was ascribed to "Pregnancy, Childbirth or Abortion".

INFECTIOUS DISEASES

The notified incidence of Measles - 41 persons - demonstrates the 2 year periodicity of this disease (in 1959 1,081 persons were notified) and Whooping Cough notifications were high at 145 persons, Scarlet Fever notifications (80) were similar to the 1959 figure. No case of either Diphtheria or Poliomyelitis was notified, and the Dysentery figure of 33 is an increase on the 1959 figure. The number of new cases of Pulmonary Tuberculosis (27) represents the value of the visit of the Mass Miniature Radiography Unit to the town during the year, and a copy of Dr. Rimington's Report on the Unit's work is included. B.C.G. Vaccination of 13 year old school children continued very satisfactorily and the acceptance rate was well maintained at about 80%.

Considerable progress was made with Poliomyelitis Vaccination during 1960 and a table has again been included to show the position at the end of the year.

The 90 cases of Food Poisoning notified occurred in a single outbreak at the County Training College in the Autumn.

In accordance with circular 1/61 of the Ministry of Health, the water supply of the area has been satisfactory in quality and quantity. Details of the frequent bacteriological examinations and a sample chemical analysis are included in the report. The water is not liable to have plumbo-solvent action and all dwelling houses are supplied from public water mains direct to the house.

The Corporation own a large modern public swimming baths, mains water being used to fill these baths which is treated by break-point chlorination. Frequent bacteriological examinations are made, and have been entirely satisfactory.

The only part of the Borough in which sewage disposal is urgently needed is the North Coppenhall Area in which a number of premises have septic tanks and the remaining premises have pail closets.

I remain, Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

D.G. CRAWSHAW.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

General Statistics

Area (Census 1951)	...	...	...	...	...	...	...	4,386 acres
Population (Census 1951)	...	...	...	...	...	...	...	52,423
Registrar General's Estimated Population 1960	...	...	...	...	...	...	...	51,320
Number of inhabited houses, 1st April, 1960	...	...	...	...	...	...	...	16,819
Rateable Value (1st April, 1960)	...	...	...	...	...	...	...	£555,445
Sum represented by Penny Rate	...	...	...	...	...	...	...	£2,223

Extracts from Vital Statistics for the Year 1960

Notified Live Births:		Males	Females	Total
Legitimate		423	431	854
Illegitimate		28	28	56
All		451	459	910
Notified Stillbirths:		Males	Females	Total
Legitimate		15	11	26
Illegitimate		1	1	2
All		16	12	28
Total Live and Stillbirths		467	471	938

Live Birth Rate per 1,000 of estimated resident population (provisional) ... 17.7

Stillbirth Rate per 1,000 total (live and still)births ... 29.8

	Males	Females	Total
Registered Deaths	281	259	540
Death rate per 1,000 estimated resident population (provisional)	10.5		

Death from puerperal causes: Rate per 1,000 registered total Deaths Births

Pregnancy, childbirth, abortion Nil Nil

Death Rates of Infants under 1 year of age:

All infants per 1,000 registered live births (provisional)	20.9
Legitimate per 1,000 legitimate live births (provisional)	21.1
Illegitimate per 1,000 illegitimate live births (provisional)	17.8

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY, MATERNAL
MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES
IN THE YEAR 1960

(Provisional figures based on Weekly and Quarterly returns)

								CREWE
								Rates per 1,000 Home Population
BIRTHS -								
Live	...	...	...	...	...	...	...	17.7
Still	...	...	...	...	...	...	...	0.55
DEATHS -								29.8 (a)
All causes	...	...	...	...	...	...	...	10.5
Typhoid & Paratyphoid Fevers	...	...	...	...	...	...	...	-
Whooping Cough	...	...	...	...	...	...	...	-
Diphtheria	...	...	...	...	...	...	...	-
Tuberculosis (all forms)	...	...	...	...	...	...	...	0.097
Influenza	...	...	...	...	...	...	...	-
Smallpox	...	...	...	...	...	...	...	-
Acute Poliomyelitis, including Polioencephalitis	...	...	...	...	...	...	...	-
Pneumonia (including pneumonia of Newborn)	...	...	...	...	...	...	...	0.409
								Rates per 1,000 Live Births
Under 1 year of age (all causes)								20.9 (b)
Gastro-Enteritis, Colitis (except ulcerative) and Diarrhoea under 2 years of age								1.099
								Rates per 1,000 Home Population
NOTIFICATIONS (Corrected) -								
Typhoid Fever	...	...	...	...	...	...	...	-
Paratyphoid Fever	...	...	...	...	...	...	...	-
Meningococcal Infection	...	...	...	...	...	...	...	-
Scarlet Fever	...	...	...	...	...	...	...	1.68
Whooping Cough	...	...	...	...	...	...	...	2.83
Diphtheria	...	...	...	...	...	...	...	-
Erysipelas	...	...	...	...	...	...	...	0.039
Smallpox	...	...	...	...	...	...	...	-
Measles	...	...	...	...	...	...	...	0.79
Pneumonia	...	...	...	...	...	...	...	-
Acute Poliomyelitis including Polioencephalitis	...	...	...	...	...	...	...	-
Paralytic	...	...	...	...	...	...	...	-
Non-Paralytic	...	...	...	...	...	...	...	-
Food Poisoning	...	...	...	...	...	...	...	1.75
Puerperal Pyrexia	...	...	...	...	...	...	...	0.019
Ophthalmia Neonatorum	...	...	...	...	...	...	...	-
Sonne Dysentery	...	...	...	...	...	...	...	0.64

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

(b) Per 1,000 related Live Births

A dash (-) signifies that there were no deaths or notifications.

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY,
MATERNAL MORTALITY, AND CASE RATES FOR CERTAIN
INFECTIOUS DISEASES
in the year 1960

(continued)

Comparison of certain rates with those for England and Wales.

	<u>Crewe</u>	<u>England and Wales</u>
Per 1,000 Home Population		
Live Births	17.7	17.1
Deaths (all causes)	10.5	11.5
Per 1,000 Total (Live and Still) Births		
Stillbirths	29.8	19.7
Per 1,000 Live Births		
Deaths under 1 year of age	20.9	21.7

MATERNAL MORTALITY

	Crewe No. of Deaths
Sepsis of pregnancy, childbirth and puerperium, Abortion with sepsis	-
Other complications of pregnancy, childbirth, and puerperium	-
Total Maternal Mortality	-

COMPARATIVE STATISTICS 1950 - 1960

Year	Estimated Population	Live Births		Still Births		Deaths		Infant Deaths				Maternal Deaths			Rate per 1,000 Total Births
		Number	Rate per 1,000 Estimated Population	Number	Rate per 1,000 Total Births	Number	Rate per 1,000 Estimated Population	Under 4 weeks	4 weeks - 12 months	Total	Rate per 1,000 Live Births	Sepsis	Other	Total	
1950	53,290	843	15.8	19	22.05	647	12.1	25	17	42	49.8	-	-	-	-
1951	52,220	809	15.5	17	20.58	793	15.1	19	13	32	39.5	-	-	-	-
1952	51,940	758	14.6	24	30.6	624	12.01	14	10	24	31.6	1	2	3	3.83
1953	52,150	809	15.5	23	27.6	513	9.8	23	5	28	34.6	-	-	-	-
1954	52,070	794	15.2	15	18.5	624	11.8	17	8	25	31.5	-	-	-	-
1955	51,580	718	13.9	20	27.1	574	11.1	16	9	25	34.8	-	-	-	-
1956	51,510	758	14.7	24	30.69	525	10.2	14	5	19	25.07	-	-	-	-
1957	51,490	785	15.2	20	24.84	576	11.2	14	7	21	26.8	-	-	-	-
1958	51,370	791	15.4	29	35.3	616	12.05	11	8	19	24.02	-	2	2	2.4
1959	51,200	841	16.4	17	19.8	599	11.7	11	4	15	17.8	-	1	1	1.2
1960	51,320	910	17.7	28	29.8	540	10.5	16	3	19	20.9	-	-	-	-

DEATHS OF CREWE RESIDENTS DURING THE YEAR 1960

CAUSE OF DEATH	ALL	Under 4 weeks	1 Month to 1 Year	Total under 1 Year	1 - 5 Years	5 - 10 Years	10 - 15 Years	15 - 25 Years	25 - 45 Years	45 - 65 Years	65 - 75 Years	75 + Years
1. Tuberculosis of Respiratory System	3	-	-	-	-	-	-	-	1	1	1	-
2. Tuberculosis - Other	1	-	-	-	-	-	-	-	-	1	-	-
9. Other infective and parasitic Diseases	1	-	-	-	1	-	-	-	-	-	-	-
10. Malignant Neoplasm - Stomach	25	-	-	-	-	-	-	-	-	9	7	9
11. Malignant Neoplasm - Lungs, Bronchus	15	-	-	-	-	-	-	-	1	9	5	-
12. Malignant Neoplasm - Breast	11	-	-	-	-	-	-	-	1	5	4	1
13. Malignant Neoplasm - Uterus	5	-	-	-	-	-	-	-	-	3	-	2
14. Other Malignant & Lymphatic Neoplasms	31	-	-	-	-	-	-	-	2	12	10	7
15. Leukaemia, Aleukaemia	1	-	-	-	-	-	-	-	-	1	-	-
16. Diabetes	1	-	-	-	-	-	-	-	-	-	-	1
17. Vascular Lesions of Nervous System	87	1	-	1	-	-	-	-	-	20	30	36
18. Coronary Disease - Angina	93	-	-	-	-	-	-	-	2	36	33	22
19. Hypertension with Heart Disease	10	-	-	-	-	-	-	-	-	5	2	3
20. Other Heart Disease	120	-	-	-	-	-	-	-	4	31	28	57
Carried Forward	404	1	-	1	1	-	-	-	11	133	120	138

DEATHS OF CREWE RESIDENTS DURING THE YEAR 1960

CAUSE OF DEATH	ALL	Under 4 weeks	1 Month to 1 Year	Total under 1 Year	1 - 5 Years	5 - 10 Years	10 - 15 Years	15 - 25 Years	25 - 45 Years	45 - 65 Years	65 - 75 Years	75 + Years
BROUGHT FORWARD	404	1	-	1	1	-	-	-	11	133	120	138
21. Other Circulatory Disease	8	-	-	-	-	-	-	-	-	3	1	4
23. Pneumonia	22	1	1	2	1	-	1	-	-	4	7	7
24. Bronchitis	8	-	-	-	-	-	-	-	-	3	1	4
26. Ulcer of Stomach and Duodenum	5	-	-	-	-	-	-	-	-	3	1	1
27. Gastritis, Enteritis & Diarrhoea	1	1	-	1	-	-	-	-	-	-	-	-
28. Nephritis & Nephrosis	2	-	-	-	-	-	-	-	-	1	-	1
29. Hyperplasia of Prostate	5	-	-	-	-	-	-	-	-	-	-	5
31. Congenital Malformations	5	2	2	4	1	-	-	-	-	-	-	-
32. Other Defined & Ill Defined Diseases	59	10	-	10	-	1	-	-	1	3	11	33
33. Motor vehicle Accidents	4	-	-	-	-	-	-	1	-	-	3	-
34. All Other Accidents	9	1	-	1	1	-	-	1	2	3	-	1
35. Suicide	7	-	-	-	-	-	-	-	2	1	3	1
36. Homicide and Operation of War	1	-	-	-	-	-	-	-	1	-	-	-
	540	16	3	19	4	1	1	2	17	154	147	195

DEATHS OF CREWE INFANTS UNDER 1 YEAR OF AGE DURING 1960.

CAUSE OF DEATH	Under 1 Day	1 Day	2 Days	3 Days	4 Days	5 Days	6 Days	7 Days	14 Days	21 - 28 Days	28 Days to 2 Months	2 Months	3 Months	4 Months	5 Months	6 Months	7 Months	8 Months	9 Months	10 Months	11 - 12 Months	ALL
Vascular Lesions of Nervous System	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Pneumonia	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	2
Gastritis, Enteritis & Diarrhoea	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Congenital Malformations	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	-	-	4
Other Defined & Ill Defined Diseases	3	4	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	10
All Other Accidents	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL	4	4	2	1	-	-	-	3	-	2	1	1	-	-	-	1	-	-	-	-	-	19

NOTIFIED INFECTIOUS DISEASES 1960. Civilian (Corrected in cases of revised diagnosis)

	Under 1 Year	1 - 2 Years	2 - 3 Years	3 - 4 Years	4 - 5 Years	5 - 10 Years	10 - 15 Years	15 - 20 Years	20 - 25 Years	25 - 35 Years	35 - 45 Years	45 - 65 Years	Over 65 Years	Total
Scarlet Fever	-	4	2	9	11	49	11	-	-	-	-	-	-	86
Whooping Cough	17	18	21	16	14	55	4	-	-	-	-	-	-	145
Measles	1	5	5	9	8	13	-	-	-	-	-	-	-	41
Erysipelas	-	-	-	-	-	-	-	-	-	1	-	1	-	2
Dysentery	1	-	2	1	3	10	4	3	9	-	-	-	-	33
Food Poisoning	-	-	-	-	-	-	-	90	-	-	-	-	-	90
Puerperal Pyrexia	-	-	-	-	-	-	-	-	1	-	-	-	-	1
TOTAL	19	27	30	35	36	127	19	93	10	1	-	1	-	398

TUBERCULOSIS

Particulars of New Cases of Tuberculosis and
Deaths During 1960

Age Period	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1 Year	-	-	-	-	-	-	-	-
1 year - 4 years	-	1	-	-	-	-	-	-
5 years - 9 years	-	-	-	-	-	-	-	-
10 years - 14 years	-	-	1	-	-	-	-	-
15 years - 19 years	2	1	-	-	-	-	-	-
20 years - 24 years	2	2	-	-	-	-	-	-
25 years - 34 years	1	2	-	-	-	-	-	-
35 years - 44 years	4	4	-	-	-	1	-	-
45 years - 54 years	2	-	-	-	-	-	-	-
55 years - 64 years	5	-	-	-	-	2	-	-
65 +	1	-	-	-	2	-	-	-
Total	17	10	1	-	2	3	-	-

Particulars of New Cases and Deaths During the Last
Five Years

Year	New Cases		Deaths	
	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
1956	44	3	2	-
1957	17	5	9	-
1958	21	-	6	1
1959	14	2	5	-
1960	27	1	5	-

The following is a summary of the four quarterly returns which are rendered to the County Medical Officer and which indicate the number of cases remaining on the register at 31st December, 1960.

	<u>Pulmonary</u>		<u>Non-Pulmonary</u>	
	<u>M.</u>	<u>F.</u>	<u>M.</u>	<u>F.</u>
No. of cases on Register of Notifications on 1st January, 1960	146	124	21	13
No. of cases notified for the first time during the year	17	10	1	-
No. of cases transferred from other districts	4	2	-	-
No. of cases restored to Register	1	1	-	-
No. of cases removed from Register during the year on account of having:-				
(a) Recovered	6	10	3	5
(b) Removed from district	3	2	1	-
(c) Died	2	3	-	-
(d) Diagnosis not established	-	-	-	-
(e) Lost sight of	9	4	3	2
No. of cases remaining on the Register on 31st December, 1960	148	118	15	6

Of the 5 cases listed under (c) above, 3 died from a primary cause other than tuberculosis.

VACCINATION AND IMMUNISATION

Vaccination against Smallpox

The number of vaccinations reported to me during the year was 420 showing an increase of 5 on the figures for 1959.

	Under 1 year	1 year	2 - 4 years	5 - 14 years	15 years and over	Total
Primary Vaccination	325	13	18	10	37	403
Re-Vaccination	1	-	-	3	13	17
Totals	326	13	18	13	50	420

Immunisation

During the year cards received from Medical Practitioners showed that 535 children were immunised against diphtheria. In addition 250 children received a boosting dose to improve their immunity.

The corresponding figures for 1959 were 545 and 137.

NUMBER OF CHILDREN WHO HAD COMPLETED A FULL COURSE OF IMMUNISATION
BETWEEN 1st JANUARY, 1946, AND 31st DECEMBER, 1960

(According to Health Department Records)

Age at 31.12.60. i.e. born in year	Under 1 Year (Born 1960)	1 Year (Born 1959)	2 Years (Born 1958)	3 Years (Born 1957)	4 Years (Born 1956)	5 - 9 Years (Born 1951 - 1955)	10 - 14 Years (Born 1946 - 1950)	Total Under 15 Years
Last complete course of injections Whether primary or booster	358	378	323	400	454	574	60	2,547
A. 1956 - 1960								
B. 1955 or earlier	-	-	-	-	-	1,653	2,460	4,113
TOTALS	358	378	323	400	454	2,227	2,520	6,660
Estimated child population 1960	3,992					8,147		

Under 5 years Between 5-15 years

Estimated percentage of child population
immunised at 31st December, 1960.
(According to records held in the
Divisional Office).

48%

58%

No. of cases of diphtheria in children under
15 years of age notified during the year

-

-

Number of children who completed a course of inoculation with pertussis
vaccines, (including alumprecipitated vaccines and vaccines combined with
diphtheria prophylactic) during 1960.

Age at date of final injection			TOTAL
Under 1 year	1 - 4 years	5 - 14 years	
351	113	44	508

VACCINATION AGAINST POLIOMYELITIS
(According to Records Received)

Class	Number vaccinated with 3rd (Booster) injection	Number vaccinated with 2 injections	Number awaiting vaccination at 31.12.60.
Children born in the years 1943 to 1960 and newly reaching six months of age during the year	1,492	719	3
Persons born 1920 - 1932	233	593	-
Young persons born in years 1933 to 1942	2,519	310	-
Expectant Mothers	280	185	-
General Practitioners & families	-	-	-
Ambulance Staff and families	-	-	-
Hospital Staff, Medical Students & their families	-	-	-
Totals	4,524	1,807	3

MEDICAL EXAMINATIONS

During the year, 177 persons were medically examined. Of these 99 were examined in conjunction with the Corporation's Superannuation and Sickness Pay Schemes, 70 were County Staff or persons seeking entry to a Training College, and 8 were of persons applying for a Taxi Driver's Licence.

MORTUARY

During the year 82 bodies were taken to the Mortuary and 76 Post Mortem examinations were carried out.

MORAL WELFARE

I am indebted to the Secretary of the Crewe and District Committee for Prevention and Rescue work which deals with moral welfare in Crewe and the surrounding area, and also maintains the St. Hilda's Home, 71, West Street Crewe for the following information:-

During the year over 100 women and girls, as well as 37 babies have been given help; 34 girls and 31 babies have passed through the Home, most of the mothers staying for a period of three months, before and after the birth of their babies. Of those who have been at St. Hilda's, 28 girls returned to their own homes, 7 of them taking their babies with them; 3 passed on to other homes, and 3 others went into lodgings. 20 babies were placed for adoption. 2 babies were stillborn.

Of the outdoor work which has been done in this area, 27 girls were sent to Mother and Baby Homes, staying the usual time.

WATER SUPPLY

In addition to the satisfactory samples taken by the Chief Public Health Inspector's staff, 13 samples of filtered water were taken by the Mid. & South East Cheshire Water Board.

The following is submitted as a typical report on a sample submitted by the Chief Public Health Inspector:-

"Examination of the sample of water received on the 25th August, 1960, gave the following results:-

Non Volatile Matter	... 154 parts/1,000,000
Free & Saline Ammonia	... None Detected
Albuminoid Ammonia	... 0.032 parts/1,000,000
Oxygen absorbed 3 hrs at 37°C	... 0.0517 parts/1,000,000
Chloride as Chlorine	... 20.0 " "
Nitrites as Nitrogen	... None Detected
Nitrates as Nitrogen	... 0.06 parts/1,000,000
Heavy Metals	... Traces Fe and Cu
pH	... 7.4

Probable number of Coli Aerogenes organisms per 100 ml. = Nil

Viable Count at 37°C = Nil per ml.

Viable Count at 22°C = Nil per ml.

No C Welchii present in 50 mls. of water

CONCLUSION:- From the above chemical and bacteriological data we consider this water to be suitable for human consumption."

NATIONAL ASSISTANCE ACT, 1948 - SECTION 47

No case was dealt with during 1960.

FOOD POISONING

90 cases of food poisoning were notified during the year.

MANCHESTER REGIONAL HOSPITAL BOARD

No. 3 Mass Radiography Unit,
St. Thomas' Hospital,
Stockport.

REPORT ON THE SURVEY OF CREWE, 1960

The visit to Crewe and district was made between the 4th August and the 23rd November, 1960. It embraced the Borough of Crewe and the village of Haslington, but not the village of Alsager, which had been included in the previous visits in 1956, 1951 and 1949. Alsager was visited in May, 1961 and will be the subject of a separate report.

During the period, the Unit set up at the following centres:-

The Yoxall Institute, Haslington
Calmic Ltd., Crewe Hall, Crewe
Midland Rollmakers Ltd., Crewe
Rolls Royce Ltd., Crewe
Crosville Motors Ltd., Crewe
County Clothes Ltd., Crewe
Smethurst & Holden Ltd., Crewe
The Railway Hospital, Mill Street, Crewe
The Lecture Hall, Locomotive Works, Crewe
C. Doody & Son Ltd., Crewe.
C.W.S. Clothing Factory, Crewe.

At certain of the above industrial centres, the employees of other firms in the vicinity were allowed to attend. Open public sessions, including evening sessions, were arranged at the Yoxall Institute, The Railway Hospital and the Lecture Hall at the Locomotive Works. The public sessions were widely advertised by leaflets distributed to householders and through schools, by posters, announcements in the local newspapers and films at the local cinemas.

In comparing the present report with that of 1956, it will be noted that, in addition to the exclusion of the centres at Alsager and Radway Green, the Training College Crewe, and Nash Kelvinator Ltd., are not

included in this report. The visit to the Training College had to be made in May, 1960, before the end of the College year in July. The firm of Nash Kelvinator Ltd. closed down their Crewe Works and moved their plant to another part of the country in the period between 1956 and 1960. In accordance with the Board's policy, school children and expectant mothers were also excluded.

The results of the Survey are summarised in the following tables. The figures shown in Table I were compiled by the General Register Office from a ten per cent sample of the record cards completed by the Unit during the Survey. The figures give a sufficiently accurate analysis of the age and sex distribution of the examinees, but some degree of error is inevitable in small groups such as 'Doctors' Referrals'. The figures given in the other tables are accurate in accordance with the Unit records.

TABLE I Persons Examined	15-19		20-24		25-34		35-44	
	M	F	M	F	M	F	M	F
General Practitioner Referrals								
Factories/Offices	1240	900	1140	640	2540	570	2990	600
General Public	90	130	50	70	120	430	110	590
Total	1330	1030	1190	710	2660	1000	3100	1190
TABLE II Diagnosis Tuberculous Cases								
Tuberculosis - healed	1	1	1	2	1	2	7	1
Tuberculosis - requiring occasional clinic super'n	-	-	-	-	1	1	6	1
Tuberculosis - requiring treatment or close supervision	2	-	3	2	6	5	3	-
+ one case classified as pneumoconiosis also								
TABLE III Types of Examinee found with Tuberculosis requiring treatment or close supervision								
Factories/Offices	2	-	3	2	6	3	3	-
General Public	-	-	-	-	-	2	-	-
Total	2	-	3	2	6	5	3	-
+ includes two housewives								

The figures shown in brackets represent the incidence rate per thousand

45-54		55-59		60-64		65 plus		All Ages		total
M	F	M	F	M	F	M	F	M	F	
10	-	-	-	-	-	-	-	10	-	10
2520	420	950	110	610	40	50	10	12040	3290	15330
60	390	20	180	30	80	110	60	590	1930	2520
2590	810	970	290	640	120	160	70	12640	5220	17860
10	5	6	2	5	1	2	1	33	15	48
10	3	3	-	4	-	-	-	24	5	29
4	-	1	1	4 ⁺	-	-	-	23	8	31
								(1.8)	(1.5)	(1.7)
4	-	1	-	4	-	-	-	23	5	28
-	-	-	1	-	-	-	-	-	3 ⁺	3
4	-	1	1	4	-	-	-	23	8	31

persons examined, of pulmonary tuberculosis requiring treatment.

TABLE IV Non-Tuberculous Cases	15-19		20-24		25-34		35-44	
	M	F	M	F	M	F	M	F
Malignant neoplasms	-	-	-	-	-	-	-	-
Non-Malignant neoplasms	-	-	-	1	1	-	1	-
Lymphadenopathies	-	-	1	-	1	-	-	-
Sarcoids	-	-	1	-	-	-	-	-
Congenital cardiac & vascular abnormalities	-	-	-	-	-	1	-	-
Acquired cardiac & vascular abnormalities	-	-	-	-	1	2	1	2
Pneumoconiosis without P.M.F.	-	-	-	-	-	-	1	-
Congenital malformation of lungs	-	-	-	-	1	-	-	-
Bacterial & virus infections of lungs	-	1	1	1	1	1	1	-
Bronchiectasis	1	-	1	-	1	1	1	2
Fibrosis	1	-	-	-	3	-	4	-
Pleural effusion	-	-	-	-	-	-	-	-
Metastases in lungs or thorax	-	-	-	-	-	-	-	-
Abnormalities of diaphragm	-	1	-	-	1	-	1	1
Miscellaneous abnormalities	-	-	-	1	1	1	2	-
TOTAL	2	2	4	3	11	6	12	5
+ One case classified under Tuberculosis also								
Failed to attend for further investigation	-	-	-	-	2	-	5	1

45-54		55-59		60-64		65 plus		All Ages		
M	F	M	F	M	F	M	F	M	F	Total
-	-	4	-	1	-	-	-	5	-	5
1	1	-	-	-	-	-	-	3	2	5
-	-	-	-	-	-	-	-	2	-	2
-	-	-	-	-	-	-	-	1	-	1
1	-	-	-	1	-	-	-	2	1	3
3	5	1	1	1	-	-	1	7	11	18
2	-	-	-	4 ⁺	-	-	-	7	-	7
1	-	-	-	-	-	-	-	2	-	2
6	1	4	-	1	-	-	-	14	4	18
3	1	-	-	1	-	1	-	9	4	13
11	2	5	-	8	1	2	-	34	3	37
-	-	1	-	-	-	-	-	1	-	1
-	-	-	-	-	1	-	-	-	1	1
2	1	3	-	2	3	1	2	10	8	18
-	-	3	2	1	-	1	-	8	4	12
30	11	21	3	20	5	5	3	105	38	143
-	-	1	-	1	1	-	1	9	3	12

COMMENTS

- 1) The number of persons examined during the 1960 Survey, shows a drop of approximately eight hundred on the 1956 figures, after due allowance has been made for the exclusion of Alsager, school children and the Training College. No account has been taken of the closing of the Nash Kelvinator factory, which employed about one thousand people, and some reduction in the Locomotive Works labour force. Obviously many of these people would find work in other factories in the area, but it is impossible to calculate the proportion.
- 2) The number of pulmonary tuberculosis cases requiring treatment or close observation dropped to 31 from the 55 discovered in 1956, giving an incidence rate of 1.7 per 1,000 examinees, compared with 2.2 per 1,000 in 1956. This reduction is in line with the declining incidence throughout the country. Only four cases could be described as far advanced, and the majority had moderate to minimal lesions which would probably respond well to treatment.
- 3) Five cases of carcinoma bronchus were detected - all men above middle age. Four of these were suitable for, and had, surgical treatment.
- 4) All the abnormal cases were referred to their own doctors, the majority for further investigation at the Chest Clinic or Hospital. Thanks should be extended to all the physicians and surgeons concerned and particularly to Dr. A. Fleming and his chest team for their help and co-operation in dealing with the majority of these new cases.

In conclusion, the Unit would like to place on record its thanks to the Medical Officer of Health and his staff for their assistance during the Survey, and to the Superintendent of the Locomotive Works and the Area Medical Officer for their active co-operation in all matters including the use of premises for the examination of members of the public and employees from firms in the vicinity.

signed: J. RIMINGTON, M.B.,Ch.B.
Medical Director

H. WINSTANLEY,
Organising Secretary.

ANNUAL REPORT OF THE
CHIEF PUBLIC HEALTH INSPECTOR
FOR THE YEAR ENDED
31ST DECEMBER 1960

Chief Public Health Inspector's Department,
Municipal Buildings,
C R E W E.

20th July, 1961.

To the Mayor, Aldermen and Councillors
of the Borough of Crewe.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present my thirteenth annual report on the work of the public health inspectorate. The year under review has been one of continued activity in all phases of the work.

Work on the present slum clearance programme has progressed satisfactorily. The Central Ward No. 6 (Liverpool Street/Forge Street) Clearance Area, 1960, comprising 186 dwelling houses was declared and 14 houses were dealt with as individual unfit premises. Whilst excellent progress has been made it must be emphasised that slum clearance must necessarily be regarded as a continuous process. As unfit dwellings are closed or demolished others owing to age or neglect gradually deteriorate and finally reach the stage of unfitness which warrants their inclusion in future slum clearance proposals. It is, therefore, advisable for intending purchasers of property of this type to make judicious enquiries and seek professional advice before committing themselves to purchase.

Thirty-six applications were received and approved under the provisions of the House Purchase and Housing Act, 1959 for improvement grants to modernise suitable houses. Since the scheme came into operation some 200 applications have been approved and at the close of the year work of modernising 168 dwellings had been completed.

The total cost of the work on the 200 dwellings will be £39,829 of which £30,013 will rank for grant purposes. This system of preserving and improving existing dwellings has much to commend it but despite the Government's efforts of simplifying and improving the grant conditions the response has been disappointing particularly in regard to tenanted properties. In Crewe, of the 200 applications approved, only 6 relate to tenanted houses.

Figures published by the Ministry of Housing and Local Government reveal that, apart from council owned properties, far more grants, both discretionary and standard, are being made in respect of owner-occupied property than tenanted. In the case of discretionary grants the ratio of owner-occupied to tenanted is 2:1, whereas in the case of standard grants it is 4:1. To sum up, in 1960, out of a total of 125,807 grants only 24,211 were for the improvement of privately owned tenanted houses.

Whilst it is pleasing to note that owner-occupiers are taking advantage of the scheme it has been of little value to the tenants of rented houses and has done little to improve the standards of amenity of the very large stock of property in this class.

The inspectorate have continued to devote as much time as possible to the inspection of food premises of all types. All plans of food premises submitted to the Council are scrutinised for compliance with the various Acts and Regulations and where amendments are necessary the owner or architect is advised of the department's requirements before the plans are submitted to the appropriate Committees. This system has worked very well indeed and architects and owners have co-operated to the full. Existing premises present many problems connected with matters such as the suitability of the premises generally, restricted accommodation and the question of expense of bringing them up to a modern standard. Many premises have been brought up to a good standard whilst others have only been made to comply with the law in its narrowest sense. It must be stressed that there is still great room for improvement. A good structural standard is important but this is of no avail unless personal hygiene is of the very highest order. In this matter both employers and employees have a part to play but if the employee is to be expected to take his full share of responsibility in this respect management must set an example.

Since 1949, in co-operation with the Department of Scientific and Industrial Research, the department has made regular monthly recordings of the degree of air pollution in the Borough. Full details of these are given in the section of the report dealing with Atmospheric Pollution. In this regard I would once again like to thank the Area Chemist of British Railways (Midland Region), R. Emrys Jones, Esq., A.M.C.T., F.R.I.C., and his staff for their valued assistance and co-operation.

In conclusion, I wish to express my thanks to His Worship the Mayor, the Chairman and members of the Health Committee, members of the staff and to other chief officers and their staffs for their co-operation.

I have the honour to be,

Your obedient servant,

J. GASKELL.

Chief Public Health Inspector.

SANITARY CIRCUMSTANCES OF THE AREA

PUBLIC CLEANSING

The removal of household and trade refuse is based on a weekly collection service and with the exception of holiday periods, this frequency of collection was maintained generally throughout the Borough.

The Cleansing Department operates a Refuse Disposal Plant, a Kitchen Waste Processing Plant and has a separate Garage and Workshop.

Twelve vehicles (including one spare vehicle) are employed on the collection of household and trade refuse and nightsoil, in addition to three vehicles used in connection with refuse disposal.

Household refuse collected	...	...	13,816 tons
Trade refuse collected	...	...	1,441 tons
Total refuse collected by the			
Department during the year	...	...	<u>15,257 tons</u>

2,834 tons of shop and factory refuse were also brought to the Refuse Disposal Works for disposal, making a total of 18,091 tons of refuse dealt with during the year. 46.5% of the total refuse passed through the works while the remainder was disposed of by controlled tipping.

The estimated amount of nightsoil collected during the year was 156 tons.

A separate Annual Report is issued for the Public Cleansing services in the Borough.

SANITARY ACCOMMODATION

There are still a number of waste water closets and privy pails in the Borough. The majority of the waste water closets are in properties included in the current clearance programme while the pails are in the present unsewered northern area of the town.

One set of water closet fittings was issued during the year for the conversion of a waste water closet.

WATER SUPPLY

The water supply to the district is provided by the Mid. and South East Cheshire Water Board.

During the year twelve samples of water were submitted for bacteriological examination and chemical examination. One sample was unsatisfactory on account of high sediment content. Immediate notification was sent to the Mid. and South East Cheshire Water Board who arranged to flush the mains, after which the supply proved satisfactory.

NUMBER AND NATURE OF COMPLAINTS

The Department received 754 complaints during the year from householders, shopkeepers, and others relating to numerous matters, as set out in the table below.

NATURE OF COMPLAINT

Disrepair - General	..	..	..	..	..	28
Defective fireplaces	..	..	..	..	..	1
Defective chimneys	..	..	..	..	..	7
Defective doors	..	..	..	..	..	1
Defective plasterwork	..	..	..	..	..	2
Defective floors	..	..	..	..	..	6
Defective roofs	..	..	..	..	..	19
Defective eaves gutters and pipes	..	..	..	..	..	5
Defective sinks	..	..	..	..	..	1
Burst water pipes	..	..	..	..	..	1
Dampness	..	..	..	..	..	11
Defective water closets	..	..	..	..	..	40
Choked drains	..	..	..	..	..	208
Flooding	..	..	..	..	..	7
Defective dustbins	..	..	..	..	..	4
Accumulations	..	..	..	..	..	6
Dirty premises	..	..	..	..	..	-
Vermin	..	..	..	..	..	8
Beetles and Cockroaches	..	..	..	..	..	17
Ants	..	..	..	..	..	23
Rats	..	..	..	..	..	215
Mice	..	..	..	..	..	105
Foul and obnoxious odours	..	..	..	..	..	13
Smoke nuisances	..	..	..	..	..	5
Ditches and watercourses	..	..	..	..	..	1
Paving of yards and passages	..	..	..	..	..	2
Miscellaneous	..	..	..	..	..	19
						<hr/> 754 <hr/>

INSPECTIONS

Nature of Inspections made	Num- ber	No. of Notices served		Result of Notices served		Prosec- utions	
		Inf.	Stat	Notices complied with	Remain- ing in hand	Inst	Pend
1. Dwelling Houses (P.H.Act) ..	282	105	32	107	30	1	-
2. Dwelling Houses (Hsg. Act) ..	428	-	-	-	-	-	-
3. Rapid Housing Survey ..	616	-	-	-	-	-	-
4. Improvement Grants ..	411	-	-	-	-	-	-
5. Rent Act Certificates ..	32	-	-	-	-	-	-
6. Back to back houses ..	-	-	-	-	-	-	-
7. Verminous Houses ..	124	-	-	-	-	-	-
8. Tents, Vans and Sheds ..	211	2	-	2	-	-	-
9. Ashpails ..	611	293	41	334	-	-	-
10. Yards and Passages ..	44	-	-	-	-	-	-
11. Drains and Sewers ..	1953	-	611	611	-	-	-
12. Ditches and Watercourses ..	22	-	-	-	-	-	-
13. Offensive Accumulations ..	43	1	-	-	1	-	-
14. Keeping of Animals ..	49	2	-	1	1	-	-
15. Offensive Trades ..	93	-	-	-	-	-	-
16. (a) Slaughterhouses ..	271	-	-	-	-	-	-
(b) Other places where food is prepared or sold ..	1140	4	-	3	1	-	-
17. Bakehouses ..	12	-	-	-	-	-	-
18. Dairies and Milkshops ..	10	-	-	-	-	-	-
19. Factories (with mech. power) ..	78	2	-	2	-	-	-
Factories (with no mech. power) ..	9	-	-	-	-	-	-
20. Workplaces ..	5	-	-	-	-	-	-
21. Outworkers ..	1	-	-	-	-	-	-
22. Common Lodging Houses ..	39	-	-	-	-	-	-
23. Shops under Shops Act ..	27	-	-	-	-	-	-
24. Smoke Observations etc. ..	98	2	-	2	-	-	-
25. Smoke Control Areas ..	1038	-	-	-	-	-	-
26. Infectious Diseases - (Enquiries & Revisits) ..	113	-	-	-	-	-	-
27. Houses re Overcrowding ..	49	-	-	-	-	-	-
28. Milk samples - (Bacteriological Exam.) ..	115	-	-	-	-	-	-
29. Ice Cream Samples ..	35	-	-	-	-	-	-
30. Water supply and samples ..	67	-	-	-	-	-	-
31. Food and Drugs Act - (Including Samples) ..	219	-	-	-	-	-	1
32. Applicants for Corporation houses ..	405	-	-	-	-	-	-
33. Rodent Control ..	124	-	-	-	-	-	-
34. Miscellaneous ..	729	-	-	-	-	6	-
35. Reinspections ..	1366	-	-	-	-	-	-
TOTALS	10869	411	684	1062	33	7	1

INFECTIOUS DISEASE AND DISINFECTION

Disinfection of premises is carried out by formaldehyde spray or formalin vapour generators. Infected bedding and other articles are disinfected by steam or formalin as the circumstances demand.

Number of premises visited where a notifiable disease has occurred	83
Number of rooms disinfected	5
Number of cases where bedding, etc., was disinfected by steam at request of owners	26
Number of Library Books disinfected -	
(a) from Public Library	71
(b) from Private Libraries	3 .. 74

During the year, 17 bottles of disinfecting fluid, amounting to 2 gallons, were supplied free of charge for use at premises where cases of infectious disease had occurred.

DISINFESTATION

The following table shows the number of premises treated during 1960.

	Number found to be infested		Number of Premises Disinfested
	Premises	Rooms	
Council Houses	1	2	1
Other Houses	12	37	12
Cases confirmed after complaint of infestation	4	-	-
Cases found by Public Health Inspectors	9	-	-
Houses disinfested by Corporation ..	-	-	13
Houses disinfested by Contractors ..	-	-	-

The work of disinfestation was carried out by the use of D.D.T. and patent fumigant solutions.

In addition to the premises listed above, 19 houses were treated for infestations of beetles and 49 houses for ants.

SWIMMING BATHS

The only Public Swimming Baths in the Borough are owned by the Corporation and contain two swimming pools, slipper or private wash baths and various other amenities.

During the year, 12 samples of bath water were submitted for bacteriological and chemical examination and all proved satisfactory.

OFFENSIVE TRADES

The following offensive trades are carried on in the Borough.

Rag and Bone Dealers	..	..	..	3
Gut Scrapers	..	..	..	1
Bone Boiler and Fat Extractor	..	..	..	1

In addition to the above, 28 persons are registered as Dealers in Old Metal.

RAG FLOCK

Number of licensed premises used for the manufacture of, or storage of Rag Flock -

Number of registered premises where filling materials are used 2

COMMON LODGING HOUSES

There are two Common Lodging Houses in the Borough, situated at 175 and 177 Market Street, and the following table shows the number of beds available at each house.

Situation				No. of Beds	Accommodation available for
(1)	175 Market Street	..	..	10	Male and Female
(2)	177 Market Street	..	..	26	Male
Total number of beds				36	

The number of persons who used the lodging houses during the year is given below with comparative figures for the two proceeding years.

				<u>Adults</u>		<u>Children</u>	
				<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>
1960	..	..	..	7,149	1,284	-	-
1959	..	..	..	7,595	1,225	-	-
1958	..	..	..	7,100	876	-	-

HOUSING STATISTICS

Number of New Houses erected during the year:

(1)	By the Local Authority	..	..	..	73
(2)	By other authorities	..	..	..	-
(3)	By other bodies or persons	..	..	..	206

1. Inspection of Dwelling Houses during the year:

(1) (a) Total number of houses inspected for housing defects (under Public Health Act or Housing Act) -

(i)	On General Inspection	..	..	..	116
(ii)	Slum Clearance - Second Five Year Programme	..	..	..	189
	Total	..	..	..	305

(b) Number of inspections made for the purpose -

(i)	General inspections	..	..	..	282
(ii)	Slum Clearance - Second Five Year Programme	..	..	..	428
	Total	..	..	..	710

(2) (a) Number of Dwelling houses (included under the sub-heading (1) above) which were inspected and recorded under the Housing Consolidation Regulations, 1925 -

(i)	On General Inspection	..	..	..	11
(ii)	Slum Clearance - Second Five Year Programme	..	..	..	189
	Total	..	..	..	200

(b) Number of inspections made for the purpose -

(i)	General inspections	..	..	..	30
(ii)	Slum Clearance - Second Five Year Programme	..	..	..	428
	Total	..	..	..	458

Housing Statistics, cont.

- (3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for habitation -

(i)	On general inspections	..	..	..	11			
(ii)	Slum Clearance - Second Five Year Programme	..	..	..	189			
					Total	...	..	200

- (4) Number of dwelling houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation -

Total 105

2. Remedy of Defects during the year without service of Formal Notices

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers

.. 83

3. Action under Statutory Powers during the Year

- (a) Proceedings under Sections 9 and 10 of the Housing Act 1957 -

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

- (b) Proceedings under Public Health Acts -

- (1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 32

Housing Statistics, cont.

3. (b) Proceedings under Public Health Acts -

(2) Number of dwelling houses in which defects were remedied after service of formal notices -

(a) By owners	..	..	..	..	..	..	24
(b) By Local Authority in default of owners	..	..	..	..	..	..	Nil

(c) Proceedings under Sections 16 and 17 of the Housing Act, 1957 -

(1) Number of dwelling houses in respect of which demolition orders were made	..	..	..	..	..	10
(2) Number of dwelling houses demolished in pursuance of demolition orders	..	..	..	..	..	6
(3) Number of undertakings to carry out works in lieu of demolition accepted by the Council	..	..	..	..	..	-
(4) Number of dwelling houses in respect of which closing orders were made	..	..	..	..	..	4

4. Housing Act 1957 - Part IV - Overcrowding

(a) (1) Number of dwellings overcrowded at the end of the year	..	..	..	..	..	5
(2) Number of families dwelling therein	..	..	..	..	..	6
(3) Number of persons dwelling therein	..	..	..	..	..	46
(b) Number of new cases of overcrowding reported during the year	..	..	..	..	..	Nil
(c) (1) Number of cases of overcrowding relieved during the year	..	..	..	..	..	1
(2) Number of persons concerned in such cases	..	..	..	..	..	6
(d) Particulars of any cases in which dwelling houses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding	..	..	..	..	..	Nil

HOUSING CLEARANCE PROGRAMME

- 35 -

The following table shows the progress made since 1955 to the end of the year with the Slum Clearance Programmes.

Description of Property	No. of houses in Area	Date of Representation Report	Date of Confirmation of Order	No. of families rehoused 3/11/55 - 31/12/60	No. of houses demolished to 31/12/60
1. CLEARANCE AREAS:					
West Ward No. 2 (Maylor Street) Compulsory Purchase Order 1956	87	5/6/56	5/4/57	79	87
West Ward No. 3 (Stafford Street) Clearance Order 1957	8	5/6/56	19/6/57	7	8
Central Ward No. 4 (Foundry Street) Clearance Order 1957	15	4/6/57	11/3/58	13	15
North Ward No. 8 (Earle Street) Clearance Order 1957	7	4/6/57	19/11/57	7	7
North Ward No. 9 (Martin Street) Clearance Order 1957	15	13/8/57	8/7/57	13	15
South Ward No. 2 (Railway Street) Clearance Order 1957	18	13/8/57	22/9/58	18	18
West Ward No. 4. (Stafford Street and Henshaw Street) Clearance Order 1958	10	4/6/58	9/7/59	10	-
South Ward No. 3 (Mill Street) Clearance Order 1958	6	12/8/58	8/5/59	4	6
Central Ward No. 5 (Lockitt Street) Clearance Order 1958	15	12/8/58	19/5/59	14	4
c/f	181	-	-	165	160

HOUSING CLEARANCE PROGRAMME, Cont.

Description of Property	No. of houses in Area	Date of Representation or Report	Date of Confirmation of Order	No. of families rehoused 3/11/55 - 31/12/60	No. of houses demolished to 31/12/60
<u>B/f</u>	181	-	-	165	160
<u>Clearance areas, cont.</u>					
North Ward No. 10 (Davenport Street) Clearance Order 1958	14	12/8/58	8/4/59	13	14
North Ward No. 11 (Broad Street) Clearance Order 1958	12	12/8/58	14/4/59	12	12
North Ward No. 12 (Broughton Road) Clearance Order 1958	3	12/8/58	8/4/59	3	3
North Ward No. 13 (Sydney Road) Clearance Order 1958	2	7/10/58	8/4/59	3	2
West Ward No. 5 (Alexandra Street) Compulsory Purchase Order 1959	85	7/4/59	-	18	-
West Ward No. 6 (Orchard Place) Clearance Order 1959	20	2/6/59	-	15	-
Central Ward No. 6 (Liverpool Street/Forge Street) Clearance Area, 1960	186	12/4/60	-	-	-
<u>2. AREAS DEALT WITH INFORMALLY WITH THE APPROVAL OF THE MINISTRY OF HOUSING AND LOCAL GOVERNMENT</u>					
Park Place	67	19/4/56	9/7/57	65	67
<u>C/f</u>	570	-	-	294	258

Description of Property	No. of houses in Area	Date of Representation or Report	Date of Confirmation of Order	No. of families rehoused 3/11/55 - 31/12/60	No. of houses demolished to 31/12/60
B/f	570	-	-	294	258
3. HOUSES BELONGING TO THE CORPORATION AND DEMOLISHED WITH APPROVAL OF THE MINISTRY OF HOUSING AND LOCAL GOVERNMENT					
During 1954	6	-	-	3	6
During 1956	3	-	-	2	3
During 1958	4	-	-	4	4
During 1959	3	-	-	2	3
During 1960	4	-	-	1	-
4. HOUSES DEALT WITH BY INDIVIDUAL DEMOLITION OR CLOSING					
(a) Demolition Orders:					
During 1955	1	-	-	1	1
During 1956	4	-	-	3	4
During 1957	9	-	-	6	9
During 1958	11	-	-	9	11
During 1959	14	-	-	10	10
During 1960	3	-	-	2	2
(b) Closing Orders:					
During 1955	1	-	-	1	-
During 1956	1	-	-	-	-
During 1959	1	-	-	1	-
During 1960	7	-	-	3	-
TOTALS	642	-	-	342	311

IMPROVEMENT GRANTS

1.	Number of applications received to 31st December 1959	..	..	..	165
	Number of applications received during the year	..	..	..	36
	Total applications received to 31st December, 1960	..	..	..	<u>201</u>
2.	Number of applications approved to 31st December, 1959	..	..	..	164
	Number of applications approved during the year	..	..	..	36
	Total applications approved to 31st December 1960	..	..	..	<u>200</u>
3.	Number of applications withdrawn to 31st December 1959	..	..	..	6
	Number of applications withdrawn during the year	..	..	..	3
	Total applications withdrawn to 31st December 1960	..	..	..	<u>9</u>
4.	Number of cases where work was completed to 31st December 1959	..	..	..	115
	Number of cases where work was completed during the year	..	..	..	53
	Total number of cases where work was completed to 31st December 1960	..	..	..	<u>168</u>
5.	Expenditure ranking for grant approved to 31st December 1959	£25,099	9s.	1d.
	Expenditure ranking for grant approved during the year	4,913	14s.	0d.
	Total expenditure ranking for grant approved to 31st December 1960	<u>£30,013</u>	<u>3s.</u>	<u>1d.</u>
6.	Expenditure on works and repairs not ranking for grant in cases approved to 31st December 1959	7,794	14s.	6d.
	Expenditure on works and repairs not ranking for grant in cases approved during the year	2,021	13s.	3d.
	Total expenditure on works and repairs not ranking for grant in cases approved to 31st December 1960	<u>£9,816</u>	<u>7s.</u>	<u>9d.</u>
7.	Number of grants repaid to 31st December 1960	3
	Total amount of grants repaid	£180	1s.	9d.
8.	Average grant per house	£75	0s.	8d.

NOTE:- The above expenditure figures include the figures in respect of applications approved but later withdrawn or repaid.

CERTIFICATES OF DISREPAIR

Rent Act 1957

Part I - Applications for Certificates of Disrepair

Number of applications for certificates	..	..	..	..	11
Number of decisions not to issue certificates	..	..	..		Nil
Number of decisions to issue certificates -					
(a) in respect of some but not all defects	.	..	..		6
(b) in respect of all defects	..	..	..	..	5
Number of undertakings given by landlords under					
paragraph 5 of the first schedule	..	..	..	..	8
Number of undertakings refused by Local Authority					
under proviso to paragraph 5 of the first schedule	..	..			Nil
Number of certificates issued	..	..	..	..	3

Part II - Applications for Cancellation of Certificates

Number of applications by landlords to Local Authority					
for cancellation of certificates	..	..	..	..	7
Number of objections by tenants to cancellation					
of certificates	..	..	..	..	2
Number of decisions by Local Authority to cancel in					
spite of tenants' objections	..	..	..	..	Nil
Number of certificates cancelled by Local Authority	..	..			5

FACTORIES ACT 1937

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Particulars	Number on Register	Inspections	Number of	
			Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	11	9	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	169	78	2	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises).	10	5	-	-
TOTAL	190	92	2	-

2. CASES in which defects were found

Particulars	Number of cases in which defects were found			
	Found	Remedied	Referred To H.M. Inspector	Referred By H.M. Inspector
Want of Cleanliness (S.1.)	-	-	-	-
Sanitary Conveniences (S.7.)				
(a) Insufficient	-	-	-	-
(b) Unsuitable or defective	2	2	-	1
(c) Not separate for sexes	-	-	-	-
TOTAL	2	2	-	1

3. OUTWORKERS. List required by Section 110 received relating to 44 outworkers all engaged in making wearing apparel.

RODENT CONTROL

The Corporation employ two full-time rodent operators and the extermination methods employed are poisoning, gassing and trapping. The following table summarises the work carried out:-

	Type of Property				Total
	Local Auth.	Dwell. Hses.	Agric. Prop.	Bus. Pres.	
<u>NUMBER OF PROPERTIES INSPECTED:</u>					
(1) Primary Inspections:					
(a) as a result of notification	12	196	-	37	245
(b) otherwise	6	317	-	3	326
(2) Re-inspections:					
(a) as a result of notification	4	18	-	6	28
(b) otherwise	1	38	-	-	39
Total properties inspected . . .	23	569	-	46	638
<u>NUMBER OF PROPERTIES FOUND TO BE INFESTED BY RATS</u>					
(1) On Primary inspections:					
(a) Major	-	-	-	-	-
(b) Minor	11	346	-	20	377
(2) Reinfestations:					
(a) Major	-	-	-	-	-
(b) Minor	4	41	-	-	45
<u>NUMBER OF PROPERTIES FOUND TO BE INFESTED BY MICE</u>					
(1) On Primary inspections	7	128	-	25	160
(2) On reinspections	1	14	-	6	21
Total infestations found	23	529	-	51	603
<u>NUMBER OF INFESTED PROPERTIES TREATED BY LOCAL AUTHORITY</u>					
(1) Primary treatments:					
(a) for rats	8	252	-	15	275
(b) for mice	3	110	-	22	135
(2) Treatments for reinfestation					
(a) for rats	4	35	-	-	39
(b) for mice	1	14	-	8	23
Total treatments	16	411	-	45	472

NOTE: A treatment means a complete treatment for the destruction of rats and mice and includes not only the initial treatment, but when necessary, post-baiting and follow-up treatment.

RODENT CONTROL, Cont

Following the treatments carried out, 737 rats and 643 mice were picked up, whilst the estimated kill was 2,459 rats and 1,089 mice.

During the year the rodent operators paid 5,235 visits in connection with the inspection and treatment of premises.

Two maintenance treatments of the sewers were also carried out. 960 manholes were baited and 459 takes of poison bait were recorded, showing an estimated kill of 1,620 rats.

PET ANIMALS ACT 1951

There are four premises in the Borough, licensed for the sale of pet animals. All these premises comply with the recommended conditions of the Royal Society for the Prevention of Cruelty to Animals, which were adopted by the Council.

INSPECTION AND SUPERVISION OF FOOD

FOOD HYGIENE

Food hygiene has continued to receive the attention of the public health inspectorate and 1,433 visits have been made for this purpose.

All plans of food premises submitted to the Borough Engineer are scrutinised for compliance with the various Acts and Regulations and where amendments are necessary the owner or architect is advised and corrections made before submission to the appropriate Committees. This system has worked very well indeed and architects and others have co-operated fully with the Department.

The following is a list of the various types of food premises in the Borough.

Number and type of food premises

Premises requiring registration

For the manufacture of Ice Cream	..	..	..	..	..	2
For the storage and sale of Ice Cream	..	..	..	..	..	205
For the preparation and manufacture of sausages or pressed, potted or preserved meat, etc.	..	..	..	..	..	23
Dairies	..	..	..	..	..	10

Other premises

Fried Fish Shops	..	..	..	..	..	..	..	45
Wet Fish Shops	..	..	..	..	..	..	..	8
Fishhouses	..	..	..	..	..	..	..	17
Butchers Shops	..	..	..	..	..	..	..	60
Tripe Shops	..	..	..	..	..	..	..	1
Restaurants, Cafes, etc	..	..	..	..	..	..	..	27
School Canteens	..	..	..	..	..	..	..	23
Factory Canteens	..	..	..	..	..	..	..	25
Licensed premises -								
Full licences	..	..	..	..	..	..	..	54
Beer licences	..	..	..	..	..	..	..	15
Clubs	..	..	..	..	..	..	..	28
Off licences	..	..	..	..	..	..	..	19
Grocery and Confectionery Shops.	..	..	..	..	..	..	..	239
Greengrocery	..	..	..	..	..	..	..	65
Health Food Stores and Herbalists	..	..	..	..	..	..	..	3
Sweep Shops	..	..	..	..	..	..	..	40
Slaughterhouses	..	..	..	..	..	..	..	3

MILK

Distributors of Milk

Registered distributors of milk	..	..	..	..	..	..	168
Registered dairies	..	..	..	..	..	..	10

Designated Milk

Tuberculin Tested milk -

Dealer's licences	..	..	..	..	..	..	31
Dealer's Supplementary licences	..	..	..	..	..	..	8

Pasteurised Milk

Establishments at which milk is pasteurised -

Holder Process	..	..	..	..	..	..	-
H.T.S.T. Process	..	..	..	..	..	..	1
Dealer's Licences	..	..	..	..	..	..	45
Dealer's Supplementary licences	..	..	..	..	..	..	8

Sterilised Milk

Dealer's licences	..	..	..	..	..	..	140
Dealer's Supplementary licences	..	..	..	..	..	..	3

MILK SAMPLING

During the year 132 samples of designated milks were taken for bacteriological examination and the following table provides details of the results.

No. of Samples	Description of Milk	Methylene Blue Test		Phosphatase Test		Turbidity Test	
		Passed	Failed	Passed	Failed	Passed	Failed
31	Tuberculin Test (Pasteurised)	31	-	29	-	-	-
1	Tuberculin Tested	-	1	-	-	-	-
76	Pasteurised	76	-	63	1	-	-
24	Sterilised	-	-	-	-	21	3
132	TOTALS	107	1	92	1	21	3

The following table shows the average fat and solids-not-fat contents of milk samples taken under the Food and Drugs Act 1955.

SUMMARY OF CHEMICAL ANALYSES OF MILK SAMPLES

PERIOD	No. of samples examined	Averages	
		Milk Fat %	Solids-not-Fat %
Quarter ended 31st March, 1960	-	-	-
Quarter ended 30th June, 1960	8	3.24	8.69
Quarter ended 30th September, 1960	10	3.58	8.63
Quarter ended 31st December, 1960	-	-	-
YEAR 1960	18	3.43	8.66

ICE CREAM

Ice cream was manufactured at two premises in the Borough in 1960, while 205 premises were registered for the storage and sale of ice cream. A complete cold mix is used at both manufacturing premises in the Borough.

28 samples of ice cream were submitted for bacteriological examination and the results of the examination are shown below.

Ice Cream	Methylene Blue Test Grading				Total
	Grade I	Grade 2	Grade 3	Grade 4	
Samples taken at Manufacturing Premises ..	4	-	-	-	4
Samples taken from Retailers in the Borough ,.	22	1	1	-	24
TOTALS	26	1	1	-	28

ICE CREAM, Contd

Four samples of ice cream were taken under the Food and Drugs Act, for chemical analysis. The average fat content of these samples was 11.0% and the average non-fatty solids 11.8%

SLAUGHTERHOUSES

During 1960, there were three private slaughterhouses licensed in the Borough.

There are no slaughterhouses in the Borough licensed for the slaughter of horses.

MEAT INSPECTION

The following tables show the types of animals slaughtered and inspected with particulars of the diseases found necessitating complete or partial condemnation.

Number of animals slaughtered during the past five years

Year	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Totals
1960	383	17	93	996	668	2,177
1959	2,137	121	50	8,848	4,194	15,350
1958	2,399	105	67	7,029	4,540	14,140
1957	2,420	98	125	7,223	4,190	14,056
1956	2,004	361	124	7,396	4,209	14,094

CARCASES INSPECTED AND CONDEMNED

		Cattle (excl. cows)	Cows	Calves	Sheep and Lambs	Pigs	Horses	Totals
Number killed .. ..	.. ..	383	17	93	996	688	-	2,177
Number inspected. ..	..	383	17	93	996	688	-	2,177
<u>ALL DISEASES EXCEPT TUBERCULOSIS</u>								
Whole carcasses condemned .. ..	.. ..	1	1	2	9	-	-	13
Carcases of which some part or organ was condemned .. ..	.. ..	233	15	-	89	105	-	442
Percentage of the number inspected affected with disease other than tuberculosis .. ..	.. ..	61.1%	94.1%	2.2%	9.8%	15.3%	-	20.9%
<u>TUBERCULOSIS ONLY</u>								
Whole carcasses condemned .. ..	.. ..	1	-	-	-	1	-	2
Carcases of which some part or organ was condemned .. ..	.. ..	25	-	-	-	9	-	34
Percentage of the number inspected affected with tuberculosis .. ..	.. ..	6.8%	-	-	-	1.5%	-	1.7%
<u>CYSTICERCOSIS</u>								
Carcases of which some part or organ was condemned .. ..	.. ..	2	-	-	-	-	-	2
Carcases submitted to treatment by refrigeration .. ..	.. ..	2	-	-	-	-	-	2
Generalised and totally condemned .. ..	.. ..	-	-	-	-	-	-	-

DISEASE	WEIGHT IN LBS. OF MEAT AND OTHER FOODS CONDEMNED								
	Beef	Veal	Mutton	Pork	Fish	Veget- ables	Cheese	Marg- arine	Totals
Tuberculosis	883	-	-	344	-	-	-	-	1,227
Parasites and Cysts -	156	-	60	-	-	-	-	-	216
Cestodes	-	-	4	40	-	-	-	-	44
Nematodes	2,945	-	101	-	-	-	-	-	3,046
Trematodes	245	-	-	8	-	-	-	-	253
Abscesses	24	-	-	-	-	-	-	-	24
Angioma	960	-	55	-	-	-	-	-	1,015
Dropsy	60	-	30	-	-	-	-	-	90
Traumatism	20	-	-	51	-	-	-	-	71
Inflammation	50	-	-	-	-	-	-	-	50
Actinomycosis	14	-	-	4	-	-	-	-	18
Pericarditis	26	-	-	-	-	-	-	-	26
Pleurisy	10	50	-	129	-	-	-	-	189
Pneumonia	-	50	-	-	-	-	-	-	50
Pyrexia	-	-	60	21	-	-	-	-	81
Peritonitis	162	-	17	-	68	1,954	30	112	2,343
Decomposition	-	-	160	-	-	-	-	-	160
Emaciation	-	-	-	3	-	-	-	-	3
Cirrhosis	-	-	-	-	-	-	-	-	-
TOTALS	5,555	100	487	600	68	1,954	30	112	8,906

TOTAL WEIGHT 8,906 LBS

CONDEMNED FOOD

The condemned meat and offal from the licensed slaughterhouses and other condemned food was disposed of either by processing into animal feeding stuffs at the Cleansing Department's Kitchen Waste Processing Plant, or by burning or burial at the Refuse Disposal Works.

SLAUGHTER OF ANIMALS ACTS 1933-1954

The number of slaughtermen's licences issued in 1960 was 25.

CYSTICERCUS BOVIS

The routine inspection of all bovine carcasses is carried out for the presence of cysticercus bovis. The organs of 2 carcasses were found to be affected during the year and arrangements were made for the carcasses to be placed in cold store for a period of three weeks in accordance with approved policy.

KNACKER'S YARDS

There are two Knacker's yards in the Borough. Neither of these premises is licensed for the slaughter of horses.

FOOD AND DRUGS ACT 1955

During the year 28 formal and 159 informal samples were submitted to the Public Analyst for analysis.

Nature of sample	No. of Samples		Number of samples adulterated or not genuine
	Informal	Formal	
Milk	2	16	-
Meat and Meat Products	35	-	3
Fish and Fish Products	9	-	-
General Groceries	68	-	1
Preserves	4	-	-
Ice cream	4	-	-
Confectionery	20	-	2
Cordials	1	-	-
Medicines etc.	16	-	1
Beer and Spirits	-	12	-
	159	28	
	187		7

FOOD AND DRUGS ACT 1955, Cont.

The table below shows details of the samples found not to be genuine and of the relative action taken.

Sample Number	Article	Adulteration or other irregularity	Action taken
1955 Informal	Minced Beef (with Onions)	Improperly labelled	Stock withdrawn for re-labelling
2017 Informal	Cream Slices	Filling not genuine cream	Suitable notices exhibited
2019 Informal	Pork Sausage	Deficient in meat content	Vendor cautioned
2028 Informal	Vinegar	Improperly labelled	Matter still under discussion
2039 Informal	Epsom Salts B.P.	Some discolouration present	Stock withdrawn
2113 Informal	Ham & Tongue	Improperly labelled	Matter still under discussion
2134	Portion of Fruit Tart	Contained portion of cockroach	Proceedings pending

ATMOSPHERIC POLLUTION

Five atmospheric pollution recording stations are in operation in the Borough and, apart from outside interference or damage, have operated satisfactorily during the year. The analyses of the readings of the various stations are shown in the appended tables and graphs.

Five applications were received for "prior approval" under Section 3 of the Clean Air Act, 1956, and three notifications were received of "intention to install" furnaces. The Health Committee approved of all the applications for "prior approval".

ATMOSPHERIC POLLUTION

Monthly Deposits in Tons per square mile

MONTH	ASHBANK CO-OP STORES			IMPERIAL CHAMBERS			SEWAGE WORKS			ELM DRIVE			CREWE GATES FARM	
	1958	1959	1960	1958	1959	1960	1958	1959	1960	1958	1959	1960	1959	1960
Jan.	15.57	14.89	19.49	22.75	19.39	22.38	9.30	7.06	10.87	14.97	11.34	15.13	12.55	12.50
Feb.	17.16	9.39	14.07	19.87	16.19	15.96	10.00	5.59	6.41	12.02	8.70	8.56	8.27	8.13
Mar.	16.65	16.61	17.22	17.31	21.35	17.60	10.34	9.13	9.81	9.36	10.42	10.18	9.25	8.31
April	13.84	17.44	15.98	17.01	27.44	18.69	8.95	10.50	9.36	9.43	17.50	13.77	13.59	9.64
May	13.70	14.30	15.34	16.10	22.01	19.06	7.14	11.14	10.49	8.60	12.78	20.32	12.23	12.56
June	13.99	15.79	14.91	16.64	16.99	16.27	9.95	13.25	11.00	13.17	13.13	18.88	27.39	14.89
July	11.80	15.05	13.09	13.40	13.55	14.06	6.09	7.06	8.83	8.42	10.59	9.05	18.15	12.64
Aug.	11.41	11.87	10.78	14.05	13.48	16.33	7.72	6.06	6.68	9.97	8.00	12.01	9.92	12.12
Sept.	15.14	15.04	10.27	17.23	15.64	13.00	7.25	9.96	19.82	10.64	9.58	10.75	11.31	18.80
Oct.	13.92	16.85	14.89	16.22	19.27	16.76	6.73	10.00	11.74	10.44	11.65	11.47	12.40	8.88
Nov.	14.05	10.87	15.92	18.96	20.57	21.72	7.67	7.31	9.56	10.84	8.34	12.49	19.03	13.30
Dec.	14.21	17.15	14.28	17.61	20.80	14.54	9.73	9.04	10.27	10.33	11.93	13.25	10.75	12.86
TOTAL	171.44	175.25	176.24	207.15	226.68	206.37	100.87	106.10	124.84	128.19	133.96	155.86	164.84	144.63
MONTHLY AVERAGE	14.28	14.60	14.69	17.26	18.88	17.19	8.41	8.84	10.40	10.68	11.16	12.99	13.74	12.05

ATMOSPHERIC POLLUTION

Sulphur Dioxide by the Lead Peroxide Method
Results expressed as mg./SO₂/day/100 sq.c.m. of Batch
"A" Lead Peroxide exposed under a louvered cover

MONTH	ASHBANK CO-OP STORES			IMPERIAL CHAMBERS			SEWAGE WORKS			ELM DRIVE			CREWE GATES FARM	
	1958	1959	1960	1958	1959	1960	1958	1959	1960	1958	1959	1960	1959	1960
Jan.	1.65	3.37	2.47	4.28	4.55	*	0.26	1.72	0.52	0.88	2.35	1.52	1.99	0.67
Feb.	2.09	4.14	2.87	3.20	4.73	3.54	0.77	2.03	1.27	1.14	2.04	0.87	1.33	1.73
Mar.	1.51	2.27	2.75	1.73	2.52	3.39	0.76	0.94	2.19	0.96	1.02	1.36	0.98	1.75
April	1.32	1.39	1.87	2.01	2.58	2.18	0.53	0.53	0.64	0.82	0.91	0.95	0.99	1.12
May	1.13	1.56	1.57	1.59	1.94	1.76	0.40	1.09	0.77	0.52	0.88	0.62	1.05	0.87
June	1.49	1.44	1.18	1.51	1.74	1.22	0.46	0.94	0.52	0.86	0.91	0.39	1.58	0.39
July	0.93	0.52	0.59	1.11	0.70	0.42	0.43	0.21	0.17	0.48	0.31	0.07	0.24	0.59
Aug.	0.86	0.86	0.74	1.11	0.97	1.25	0.30	0.33	0.36	0.34	0.39	0.58	0.54	0.48
Sept.	1.94	1.30	1.83	1.68	1.66	2.22	0.62	0.56	0.82	0.54	0.65	0.98	0.64	0.84
Oct.	1.96	0.85	2.93	2.81	1.89	3.34	0.99	0.42	1.38	0.60	0.70	1.42	2.29	1.30
Nov.	2.34	2.56	3.29	3.30	2.60	4.15	1.02	1.09	1.12	1.32	1.45	1.99	1.40	1.33
Dec.	2.54	1.31	3.16	3.26	1.24	4.57	0.87	0.44	1.58	1.23	0.69	2.52	0.88	1.86
TOTAL	19.76	21.57	25.25	27.59	27.12	28.04	7.41	10.30	11.34	9.69	12.30	13.27	13.91	12.93
MONTHLY AVERAGE	1.65	1.80	2.10	2.30	2.26	2.33	0.62	0.86	0.94	0.81	1.02	1.11	1.16	1.08

*No result obtained owing to damage to equipment.

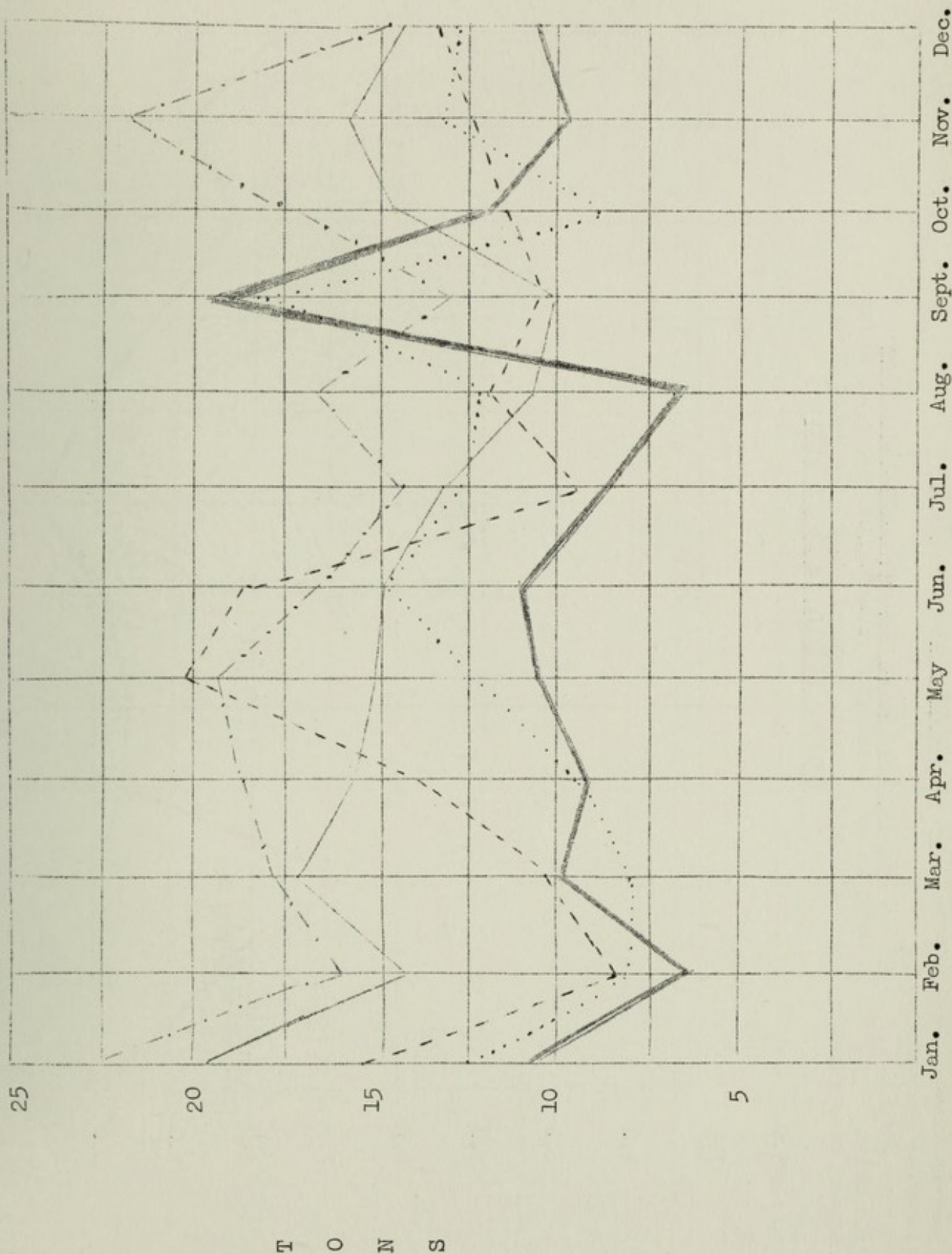
ATMOSPHERIC POLLUTION

Monthly Rainfall in Inches

MONTH	ASHBANK CO-OP STORES			IMPERIAL CHAMBERS			SEWAGE WORKS			ELM DRIVE			CREWE GATES FARM	
	1958	1959	1960	1958	1959	1960	1958	1959	1960	1958	1959	1960	1959	1960
Jan.	2.13	2.74	4.20	2.25	2.69	4.28	1.97	2.92	4.50	2.50	2.77	4.27	2.78	3.93
Feb.	3.12	0.28	1.96	3.24	0.33	1.89	3.52	0.33	1.96	3.50	0.28	2.05	0.30	1.81
Mar.	1.20	1.49	1.05	1.31	1.36	1.03	1.25	1.50	1.16	1.34	1.60	1.04	1.47	1.03
April	0.72	3.04	1.28	0.73	3.39	1.13	0.70	3.20	1.26	0.68	3.30	1.34	3.44	1.15
May	2.16	1.29	1.24	2.19	1.34	1.19	2.12	1.36	1.44	2.14	1.33	1.57	1.36	1.30
June	4.09	1.60	2.59	4.39	1.51	2.26	4.10	1.56	2.71	4.31	1.55	2.63	1.55	2.52
July	3.53	2.10	3.52	3.25	1.93	3.57	3.29	2.14	4.45	3.66	2.52	3.97	2.23	3.70
Aug.	3.48	0.42	3.74	3.03	0.42	3.87	2.68	0.44	3.88	3.48	0.42	4.09	0.43	3.94
Sept.	3.87	0.08	3.34	3.67	0.06	3.53	3.70	0.09	3.53	3.69	0.12	3.74	0.09	3.74
Oct.	2.45	2.14	3.96	2.50	2.46	3.90	2.62	2.30	3.95	2.74	2.03	4.22	2.04	3.77
Nov.	1.79	3.10	4.21	1.69	2.78	3.64	1.80	2.95	4.16	1.77	2.82	3.77	2.92	3.52
Dec.	2.89	3.82	2.38	2.76	3.64	2.42	2.87	3.82	2.40	2.86	3.90	2.33	3.32	2.35
TOTAL	31.43	22.10	33.47	31.01	21.91	32.71	30.62	22.61	35.40	32.67	22.64	35.02	21.93	32.76
MONTHLY AVERAGE	2.62	1.84	2.79	2.58	1.83	2.73	2.55	1.88	2.95	2.72	1.88	2.92	1.83	2.73

ATMOSPHERIC POLLUTION
Monthly Deposits in Tons per Square Mile
SMOKE DEPOSITED MATTER 1960

Ashbank Stores
Imperial Chambers
Sewage Works
Elm Drive
Crewe Gates Farm



Ashbank Stores
Imperial Chambers
Sewage Works
— Elm Drive
... Crewe Gates Farm

ATMOSPHERIC POLLUTION

GRAPH II

Sulphur Dioxide by the Lead Peroxide Method
Results expressed as $\text{Mg. SO}_2/\text{Day}/100 \text{ sq. cm. of Batch}$
'A' Lead Peroxide exposed under a louvered cover
SULPHUR DIOXIDE DEPOSITS 1960

