#### [Report 1959] / Medical Officer of Health, Crewe Borough.

#### **Contributors**

Crewe (Crewe and Nantwich, England). Borough Council.

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1959

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# ANNUAL REPORT

OF THE

Medical Officer of Health

AND THE STAT OF

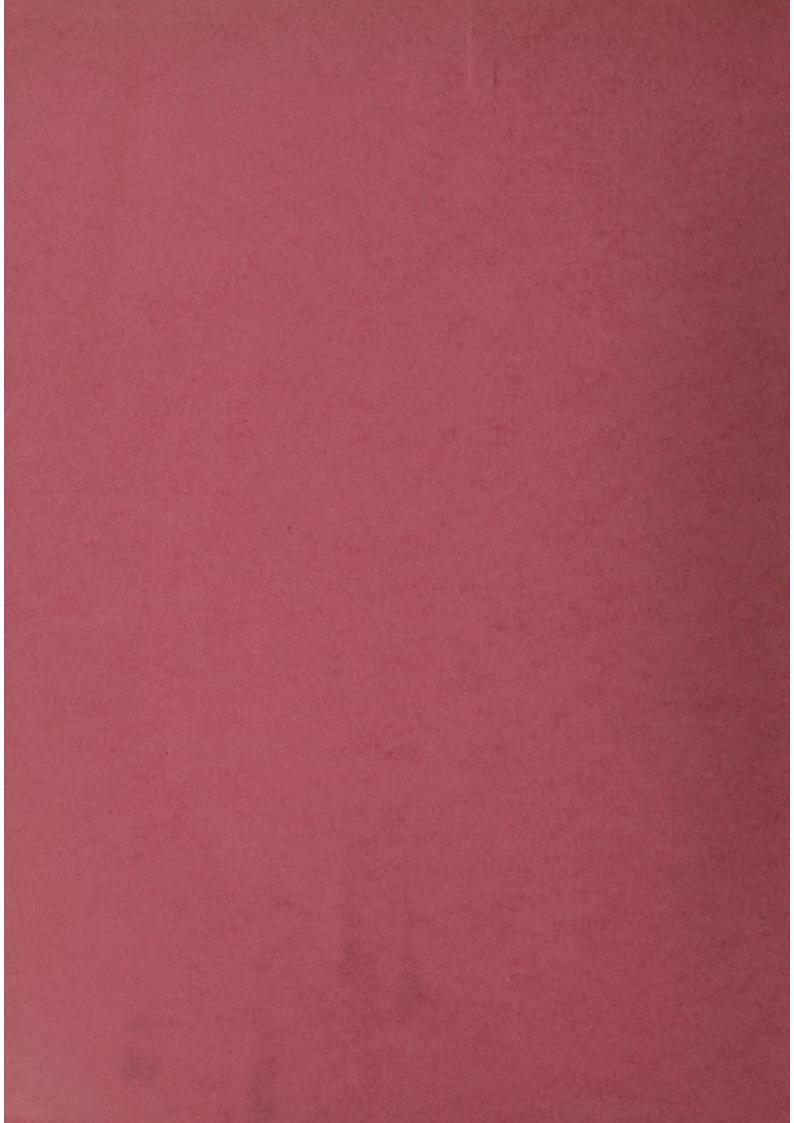
Chief Public Health Inspector

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



#### BOROUGH OF CREWE

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

1959

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#### BOROUGH OF CREWE

#### HEALTH COMMITTEE

Chairman:

Alderman Mrs. F.E. White

Members:

HIS WORSHIP THE MAYOR (Ex Officio)

Alderman W.R. Foulkes, J.P.

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

Councillor E.W. Allcock

Councillor A. Broomhall

Councillor T.O.M. Ffoulkes

Councillor F. Holme

Councillor J.O. Hughes

Councillor A.G. Merrill

Councillor R.H. Nicholls

Councillor S. Orwell

Councillor Mrs. N.V. Patrick

Councillor Mrs. M.F. Pemberton

Councillor J. Perry.

#### BOROUGH OF CREWE

#### 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.)
- C.E. BODEN, Chief Clerk (part-time with Cheshire C.C.) to 29.8.59.
- B.J. SMITH, D.M.A. Chief Clerk (part-time with Cheshire C.C.) from 21.9.59.

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

#### CHIEF PUBLIC HEALTH INSPECTOR'S DEPARTMENT:

J. GASKELL (1.2.3.4.5.6.)	Chief Public Health Inspector Inspector under the Diseases of Animals Acts
R.E. PLATT (1.2.5.)	Deputy Chief Public Health Inspector
C. BENNETT (1.2.3.4.5.)	Public Health Inspector
D.W. COOKE (1.2.4.5.)	Public Health Inspector
R.D. COLLIER (1.2.4.)	Public Health Inspector
E.H. PEET (1.2.)	Public Health Inspector
A.H. ROBERTS	Pupil Public Health Inspector - resigned 6.2.59.
F.E. WESTON	Pupil Public Health Inspector - commenced 14.9.59.
T.C. SIMPSON	Chief Clerk
R.J. BLEASE	Clerk
Miss M.D. BATTERBEE	Shorthand Typist - resigned 31.8.59.
Miss B. PEAKE	Shorthand Typist
Miss J. SANDERS	Shorthand Typist - commenced 28.9.59.

- 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, 1960.

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 1959.

#### VITAL STATISTICS

During 1959, 15 infants died before reaching the age of 1 year giving an Infantile Mortality Rate of 17.8 per 1,000 live births. The number for 1958 (19) was the previous lowest figure ever recorded. 11 of these infants died before reaching an age of 28 days. One three months old infant died from Pneumonia and no infant death was ascribed either to Infectious Disease or to Gastro Enteritis and Diarrhoea.

The total number of deaths recorded (599) is a reduction on the rather high figure of 616 recorded in 1958. The death rate per 1,000 resident population having increased from 10.2 in 1956 to 12.05 in 1958, now falls to 11.7 for 1959. The England and Wales death rate also fell from 11.7 in 1958 to 11.6 in 1959. 226 of these deaths occurred in persons aged 75 years or over, this figure being a reduction of 12 on the 1958 figure. 7 deaths were attributed to accidents, and 4 persons committed suicide. 4 persons died from Pulmonary Tuberculosis and 113 persons died from Cancer, 18 of these being Lung Cancer. This latter figure is one less than the number of Lung Cancer deaths recorded in 1958 - i.e. a second year in succession showing a small reduction. One death was ascribed to "Pregnancy, Childbirth or Abortion".

#### INFECTIOUS DISEASES

The notified incidence of Measles 1,081 persons demonstrates the 2 year periodicity of this disease (in 1958 only 21 persons were notified) and Whooping Cough notifications remain very low at 6 persons, Scarlet Fever notifications (78) were exactly equal to the 1958 figures. No case of either Diphtheria or Poliomyelitis was notified and the Dysentery figure of 6 is again identical to the 1958 figure. The number of new cases of Pulmonary Tuberculosis (14) is a very welcome reduction on the figures for 1958 and 1957. 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 1959 and a table has again been included to show the position at the end of the year.

In view of the alteration in the water supply during the year With the introduction of River Dee water, a slightly more detailed report is included. It is not easy to explain the three unsatisfactory samples, similar samples taken at the same time from the address proved entirely satisfactory and in 2 cases subsequent samples from the same houses also proved satisfactory.

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 Populati			51,200
Number of inhabited houses, 1st April,			16,676
Rateable Value (1st April, 1959)			£500,698
Sum represented by Penny Rate			£1,990
Extracts from Vital Statistics for the			521,770
Notified Live Births:	Males	Females	Total
Legitimate	379	402	781
Illegitimate	28	32	60
All	407	434	841
Notified Stillbirths:	Males	Females	Total
Legitimate	8	8	16
Illegitimate	1		1
All	9	8	17
Total Live and Stillbirths	416	442	858
Live Birth Rate per 1,000 of estimated (provisional)	resident	population	16.4
Stillbirth Rate per 1,000 total (live	and still)	births	19.8
	Males	Females	Total
Registered Deaths	350	249	599
Death rate per 1,000 estimated residen	t populati	on (prov	isional) 11.7
Death from puerperal causes:		Rate per	
			red total Births
Pregnancy, childbirth, abortion		1.7	1.2
Death Rates of Infants under 1 year of All infants per 1,000 registered liv		provision	nal) 17.8
Legitimate per 1,000 legitimate live			
'Illegitimate per 1,000 illegitimate	The state of the s		
		The same of the sa	

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY, MATERNAL MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1959.

(Provisional figures based on Weekly and Quarterly returns)

						CREWE
						Rates per 1,000 Home Population
BIRTHS -						
Live						16.4
Still						0.33
						19.8 (a)
DEATHS -						
All causes						11.7
Typhoid & Parat						///
Whooping Cough						-
Diphtheria					• • •	- 079
Tuberculosis (a						0.078
Influenza						0.098
Smallpox Acute Poliomyel						-
Policencephal		···	_			
Pneumonia (incl					n)	0.156
211041110411104	nada.e p.					
						Rates per 1,000 Live
						Births
Under 1 year of	000 (0)	7	1			77 0 /2
						17.8 (b)
Gastro-Enteriti	s, Colit	is (ex	ccept 1		The state of the s	17.0 (0)
	s, Colit	is (ex	ccept 1		The state of the s	-
Gastro-Enteriti	s, Colit	is (ex	ccept 1		The state of the s	Rates per 1,000 Home
Gastro-Enteriti	s, Colit under 2	is (e) years	ccept 1		The state of the s	<u>-</u>
Gastro-Enteriti and Diarrhoea NOTIFICATIONS (Co	s, Colit under 2	is (ex years	ccept 1		The state of the s	Rates per 1,000 Home
Gastro-Enteriti and Diarrhoea	s, Colitunder 2	is (ex years	ccept 1		The state of the s	Rates per 1,000 Home
Gastro-Enteriti and Diarrhoea NOTIFICATIONS (Co Typhoid Fever	s, Colitunder 2	years	ccept of ago			Rates per 1,000 Home
Gastro-Enteriti and Diarrhoea NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fev	s, Colitunder 2	years	of ag	e		Rates per 1,000 Home Population  - 0.02 1.52
Gastro-Enteriti and Diarrhoea  NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fev Meningococcal I Scarlet Fever Whooping Cough	s, Colitunder 2 rrected) er infection	years	of ag	e		Rates per 1,000 Home Population - 0.02
Gastro-Enteriti and Diarrhoea  NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fev Meningococcal I Scarlet Fever Whooping Cough Diphtheria	s, Colit	years	of ag	e		Rates per 1,000 Home Population  0.02 1.52
Gastro-Enteriti and Diarrhoea  NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fev Meningococcal I Scarlet Fever Whooping Cough Diphtheria Erysipelas	s, Colit	years	of ag	e		Rates per 1,000 Home Population  0.02 1.52
Gastro-Enteriti and Diarrhoea  NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fev Meningococcal I Scarlet Fever Whooping Cough Diphtheria Erysipelas Smallpox	s, Colit	years	of ag	···		Rates per 1,000 Home Population  0.02 1.52 0.12
Gastro-Enteriti and Diarrhoea  NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fever Meningococcal I Scarlet Fever Whooping Cough Diphtheria Erysipelas Smallpox Measles	s, Colit	years	of ag	· · · · · · · · · · · · · · · · · · ·		Rates per 1,000 Home Population  0.02 1.52 0.12
Gastro-Enteriti and Diarrhoea  NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fev Meningococcal I Scarlet Fever Whooping Cough Diphtheria Erysipelas Smallpox Measles Pneumonia	s, Colit	years	of ag	· · · · · · · · · · · · · · · · · · ·		Rates per 1,000 Home Population  0.02 1.52 0.12
Gastro-Enteriti and Diarrhoea  NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fev Meningococcal I Scarlet Fever Whooping Cough Diphtheria Erysipelas Smallpox Measles Pneumonia Acute Poliomyel	s, Colit	years	of age	e	halitis	Rates per 1,000 Home Population  0.02 1.52 0.12
Gastro-Enteriti and Diarrhoea  NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fever Meningococcal I Scarlet Fever Whooping Cough Diphtheria Erysipelas Smallpox Measles Pneumonia Acute Poliomyel Paralytic	s, Colit	years	of age	e	halitis	Rates per 1,000 Home Population  0.02 1.52 0.12
Gastro-Enteriti and Diarrhoea  NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fever Meningococcal I Scarlet Fever Whooping Cough Diphtheria Erysipelas Smallpox Measles Pneumonia Acute Poliomyel Paralytic Non-Paralytic	s, Colit	years	of age	e	halitis	Rates per 1,000 Home Population  0.02 1.52 0.12
Gastro-Enteriti and Diarrhoea  NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fever Meningococcal I Scarlet Fever Whooping Cough Diphtheria Erysipelas Smallpox Measles Pneumonia Acute Poliomyel Paralytic Non-Paralytic Food Poisoning	s, Colit	years	of age	e	halitis	Rates per 1,000 Home Population  0.02 1.52 0.12
Gastro-Enteriti and Diarrhoea  NOTIFICATIONS (Co Typhoid Fever Paratyphoid Fever Meningococcal I Scarlet Fever Whooping Cough Diphtheria Erysipelas Smallpox Measles Pneumonia Acute Poliomyel Paralytic Non-Paralytic	s, Colit	years	of age	e	halitis	Rates per 1,000 Home Population  0.02 1.52 0.12

<sup>(</sup>a) Per 1,000 Total (Live and Still) Births

<sup>(</sup>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 1959

(continued)

Comparison of certain rates with those for England and Wales per 1,000 Home Population.

	Crewe	England and Wales
Live Births	16.4	16.5
Deaths (all causes)	11.7	11.6
Per 1,000 Total (Live and Still) Births Stillbirths	19.8	20.7
Per 1,000 Live Births Deaths under 1 year of age	17.8	22.0

#### MATERNAL MORTALITY

	Crewe No. of Deaths
Sepsis of pregnancy, childbirth and puerperium, Abortion with sepsis	
Other complications of pregnancy, childbirth, and puerperium	1
Total Maternal Mortality	1

		O,1 req antria		1.13	-1	1	3.83	1	1		t	1	2.4	1.2
1	11	tal	οT	Н	1	1	3	1	1	1	1	1	2	Н
ths	Number	ует	40	1	1	1	N	1	1	1	1	:	2	Н
Maternal Deaths	Nun	siaq	əg	Н	1	1	1	1	1	1	1	1	1	1
ns	000	per 1,0 Births		33.5	49.8	39.5	31.6	34.6	31.5	34.8	25.07	26.8	24.02	17.8
Deaths		τ	Tota	29	42	32	24	288	10	25	19	21	19	15
Infant		ouths eeks -		11	17	13	010	T.	00	o,	5	2	00	4
	s	ү меек	aəpun	18	C) IC	179	14	2	27	16	14	17	11	11
Deaths	00	O, I veq ated action	Mital	12.7	12,1	15.1	12.01	0.0	21.8	11.11	10.2	11,2	12.05	11.7
Des		mber	nN	673	249	793	624	513	624	574	525	576	919	599
Births		Der 1,0 1 Birth		20.36	22.05	20.58	30.6	27.6	18.5	27.1	30.69	24.84	35.3	19.8
Still		mper	nN	18	19	17	24	23	15	20	24	20	29	17
Births	00	per 1,0 atted	Estim	16.3	15.8	15.5	14.6	15.5	25.2	13.9	7.42	15.2	15.4	16.4
Live B		mber	шМ	555	843	608	758	809	464	773	755	785	162	8/+1
		timated		53,120	53,290	52,220	51,940	52,150	52,070	51,580	51,510	51,450	51,370	51,200
		Year		1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959

COMPARATIVE STATISTICS 1949 - 1959

Years N 22 59 9 157 + 54 143 19 25 26 Years ~ 5 5 2 77 54 - 59 Years 40 2 H 117 17 59 - 54 Years N 7 4 20 55 54 Years 52 - SI Н Years ST - OT Years OT - 5 I - 5 under l Year 2 Total 3 I Month Weeks N 2 H Tabri 200 18 10 95 JIA 4 9 4 16 123 441 - Lungs, Bronchus Vascular Lesions of Nervous System 19. Hypertension with Heart Disease parasitic Carried Forward Stomach Tuberculosis of Respiratory Malignant Neoplasm - Uterus Other Malignant & Lymphatic - Breast Coronary Disease - Angina Leukaemia, Aleukaemia Malignant Neoplasm -Other infective and CAUSE OF DEATH Other Heart Disease Malignant Neoplasm Malignant Neoplasm Neoplasms Diseases System 6 10. 13. 12.

CREWE RESIDENTS DURING THE YEAR 1959

OF

DEATHS

Years CCW 157 ひてて「 226 Years 143 N 6 4 2001 WHULLI 179 56 - 59 Years 117 145 NHNI I NONT 59 - 54 Years 20 27 57 - 52 Years H N 52 - SI Years ! ST - OT N Years ı OI - 5 I - 5 H 01111 M Total under 1 Year S. 15 1 Year 07 1 1 4 1 1 1 NIIII I Wonth 4 меекв N 11 Under 4 74742 10 20 15 VW0440 599 441 JIA Pregnancy, Childbirth, Abortion Homicide and Operation of War Ulcer of Stomach and Duodenum Other Diseases of Respiratory Other Defined & Ill Defined BROUGHT FORWARD Other Circulatory Disease Congenital Malformations Hyperplasia of Prostate Motor Vehicle Accidents Nephritis & Nephrosis All Other Accidents CAUSE OF DEATH Diseases Bronchitis Pneumonia System 23. 22.58.6. 35.75

DEATHS OF CREWE RESIDENTS DURING THE YEAR 1959

TTA	- (	V	٦	2	77	-	15
II - I2		1	1		. 1		1
TO Months		1	1	1	1		1
sutnom 6	l in the	1	1	1	.1		1
8 Months		1	1	1	1		1
addroM 7		1	1	1	1		- 1
anthrom 9			1	1	. 1		1
sdtnoM 2		1	1	'			1
4 Months		1	1	H	1		-
adtroM &		1	Н	1	1		Н
adtroM S		1	1	- 1	1		1
S8 Days to		1	1	1	2		2
Days 21 - 28		1	1	П	1		П
14 Days		1	1	1.			1
Syson 7		ı	1	2	1		2
6 Days		1	1	1	Н		1
S Days		-	1	1	.1	-	1
4 Days		1	1	1	1		1
3 Days		1	Т	1	2		2
S Days		Н	1	1	. 1		Н
l Day		1	1	Н	1		٦
Under 1 Day		1	1	N	1		2
CAUSE OF DEATH	Vascular Lesions	of Nervous System	Pneumonia	Congenital Malformations	Other Defined & Ill Defined Diseases		TOTAL

DEATHS OF CREWE INFANTS UNDER 1 YEAR OF AGE DURING 1959

9 1,081 ,173 28 9 Total Years OVEr 65 MOTIFIED INFECTIOUS DISEASES 1959. Civilian (Corrected in cases of revised diagnosis) Years H 59 - 54 Years 15 I 54 - 55 Years N N 55 - 35 Years 1 1 H 20 - 25 Years 1 1 1 1  $\vdash$ 2 72 - SO Years 16 M 1 1 20 1 H ST - OT Years ı ı 4 N 24 501 561 OT - 5 10 1 171 1 1 181 Years y - 6 140 9 1 134 Years i 115 120 3 2 1 5 - 5 Years 1 1 1 100 ı -101 J - 2 1 Year 42 1 1 -44 1  $\vdash$ Under TOTAL Whooping Cough Scarlet Fever Meningococcal Infection Pneumonia Dysentery Measles

#### TUBERCULOSIS

# PARTICULARS OF NEW CASES OF TUBERCULOSIS AND DEATHS DURING 1959.

		Nev	v Cases		Deaths				
Age Period	Pulmon	ary	Non-Pul	monary	Pulmo	nary	Non-Pul	Non-Pulmonary	
	М	F	M	F	М	F	М	F	
Under 1 Year  1 year - 4 years  5 years - 9 years  10 years - 14 years  15 years - 19 years  20 years - 24 years  25 years - 34 years  35 years - 44 years  45 years - 54 years  55 years - 64 years  65+	- - 1 - 2 1 - 3 2	- - - 3 - 1 - 1	1	1	- - - 1 2 1				
Total	9	5	1	1	5	-	-	-	

# PARTICULARS OF NEW CASES AND DEATHS DURING THE LAST FIVE YEARS

	New C	ases	Deaths			
Year	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary		
1955 1956 1957 1958 1959	26 44 17 21 14	4 3 5 - 2	3 2 9 6 5	1 -		

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, 1959.

	Pulm	onary	Non-Pu	lmonary
	M.	F.	M.	F.
No. of cases on Register of Notifications on 1st January, 1959	151	128	19	12
No. of cases notified for the first time during the year	9	5	1	1
No. of cases transferred from other districts	3	5	1	-
No. of cases restored to Register	2	3	-	
No. of cases removed from Register during the year on account of having:-				
(a) Recovered	8	11	-	-
(b) Removed from district	5	5	-	-
(c) Died	5	-	-	-
(d) Diagnosis not established		-	-	-
(e) Lost sight of	1	1	-	-
No. of cases remaining on the Register on 31st December, 1959	146	124	21	13

Of the 5 cases listed under (c) above, 1 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 415 showing a decrease of 55 on the figures for 1958.

	Under 1 year	l year	2 - 4 years	5 - 14 years	15 years and over	Total
Primary Vaccination  Re-Vaccination	299	27	18	12	44 15	400 15
Totals	299	27	18	12	59	415

#### Immunisation

During the year cards received from Medical Practitioners showed that 545 children were immunised against diphtheria. In addition 137 children received a boosting dose to improve their immunity.

The corresponding figures for 1958 were 359 and 127.

NUMBER OF CHILDREN WHO HAD COMPLETED A FULL COURSE OF IMMUNISATION BETWEEN 1st JANUARY, 1945, and 31st DECEMBER, 1959.

(According to Health Department Records)

Age at 31.12.59. i.e. born in year	Under 1 Year (Born 1959)	1 Year (Born 1958)	2 Years (Born 1957)	2 Years (Born 1956)	4 Years (Born 1955)	5 - 9 Years (Born 1950 - 1954)	10 - 14 Years (Born 1945 - 1949)	Total Under 15 Years
Last complete course of injections (Whether primary or booster A. 1955 - 1959 B. 1954 or earlier	300	284	387	363	350	359	36 2,719	2,079 4,456
TOTALS	300	284	387	363	350	2,096	2,755	6,535
Estimated child population 1959			3,79	94			8,277	

	5 Years	5 - 15 Years
Estimated percentage of child population immunised at 31st December, 1959. (According to records held in the Divisional Office).	44%	59%

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 1959.

Age at Under 1 year	date of final in	jection 5 - 14 years	TOTAL
279	191	89	559

#### VACCINATION AGAINST POLIOMYELITIS

(According to Records Received)

Class	Number vaccinated with 3rd (Booster) injection	Number vaccinated with 2 injections	Number awaiting vaccination at 31.12.59.
Children born in the years 1943 to 1959 and newly reaching six months of age during the year	6,946	956	4
Young persons born in years 1933 to 1942	572	22	
Expectant Mothers	345	15	
General Practitioners & families	9	-	
Ambulance Staff and families	18	-	_
Hospital Staff, Medical Students & their families	22	-	-
Totals	7,912	993	4

#### MEDICAL EXAMINATIONS

During the year, 160 persons were medically examined. Of these 86 were examined in conjunction with the Corporation's Superannuation and Sickness Pay Schemes, 62 were County Staff or persons seeking entry to a Training College, and 12 were of persons applying for a Taxi Driver's Licence.

#### MORTUARY

During the year 92 bodies were taken to the Mortuary and 88 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 there have been 28 girls and 22 babies in St. Hilda's Home and over 70 outdoor cases have been advised and helped in various ways.

Of the 28 girls received into the Home, 8 went straight into employment, 3 left to be married, 9 returned to their families, 3 went into lodgings and 6 went on to other Homes. 4 babies went home with their mothers, 1 went to the Church of England Children's Society, 1 to the National Children's Home, 1 was taken into the care of the local authority and 15 were adopted.

Of the outdoor cases assisted, 25 girls went to Maternity Homes away from Crewe.

#### WATER SUPPLY

In addition to the samples taken by the Chief Public Health Inspector's staff, 28 samples of filtered water were taken by the Mid. & South East Cheshire Water Board, and all but 3 of these were found to be satisfactory.

Early in October the source of the water supply changed and in view of this the following is submitted as a typical report: --

Examination of the sample of water received on the 2nd December, 1959, gave the following results:-

Non Volatile Matter Free & Saline Ammonia Albuminoid Ammonia Oxygen absorbed 3 hrs at 37°C ... 0.0317 parts/1,000,000 Chloride as Chlorine Nitrites as Nitrogen Nitrates as Nitrogen Heavy Metals pH

... 180 parts/1,000,000

... None Detected

... 11 11

... 19.0 " "

... None Detected

... 0.04 parts/1,000,000

... Trace Cu

... 6.9

Probable number of Coli Aerogenes organisms per 100 ml. = 35 Viable Count at 37°C = Nil per ml. Viable count at 22°C = Nil per ml. No C Welchi present in 50 mls. of water Intermediate type I organisms isolated.

CONCLUSION: - From the above chemical and bacteriological results, we consider this sample of water is satisfactory for human consumption."

Of the 28 samples noted above, 11 were taken subsequent to the change in supply. As would be expected the mixture of the two types is much softer than was previously the case.

# NATIONAL ASSISTANCE ACT, 1948 - Section 47

No case was dealt with during 1959.

## FOOD POISONING

No case of food poisoning was notified during the year.

ANNUAL REPORT OF THE

CHIEF PUBLIC HEALTH INSPECTOR

FOR THE YEAR ENDED

31ST DECEMBER 1959

Chief Public Health Inspector's Department,
Municipal Buildings,
CREWE.

25th June, 1960.

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

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present to you my twelfth annual report on the work of the public health inspectorate. The period under review has been one of intense activity and reflects great credit on the staff for their zealousness and determination in carrying out the ever increasing duties of the department. The work of the public health inspector is not creative in the true sense of the word nor is it spectacular but it is a calling of considerable importance to the community concerned as it is with the fundamental necessities of a healthy life - good living and working conditions, pure food and clean air.

During the year two clearance areas were declared - West Ward No. 5 (Alexandra Street) Compulsory Purchase Order and West Ward No. 6 (Orchard Place) Clearance Order, involving 105 houses. In addition 17 houses were dealt with under the "individual unfit" procedure, 3 of which were owned by the Council.

In June 1959 the Government introduced the House Purchase and Housing Act, 1959 with a view to encouraging home ownership and raising housing standards. Part II of the Act introduced a new system of standard grants to supplement the existing system of improvement grants, and at the same time made a number of changes in the latter to simplify its operation and render the grants more attractive to owners. The grants now available are of two kinds: they are referred to as standard grants and discretionary grants. Standard grants are available towards the cost of improving a house which lacks certain standard amenities, that is a bath, w.c. wash basin, hot water system or foodstore. They are specially intended to help the modernisation of houses which can be equipped with these amenities without the necessity for structural additions involving much new building work.

Discretionary grants are payable for a wider range and more extensive forms of improvements, including the conversion or adaptation of larger houses and other buildings. The amount of the standard grant is half the approved cost of the work of putting in standard amenities, subject to a maximum of £155 if all the required amenities are installed. In the case of the discretionary grant local authorities have power to contribute up to half of the approved expenditure subject to a maximum of £400.

I am pleased to report that the new system of standard grants has proved to be more attractive although there is still not the response that one had hoped for from property owners. During the year 56 applications, 37 of which were for the new standard grant, were approved as compared with 23 in the previous year. Since the introduction of the grants scheme 164 applications have been approved and by the end of 1959 some 115 dwellings had been completely modernised. The total expenditure ranking for grant was £25,099, the expenditure on works not ranking for grant £7,794 and the average grant per house £76. 10s. Owners of tenanted houses are still reluctant to avail themselves of the opportunity of modernising their property. I would once again appeal to them to make full use of the grant scheme. By this means structurally sound houses are brought up to a good standard of repair and are provided with all the modern amenities so necessary in these days. The department welcomes enquiries and advice and assistance is readily available to all interested parties.

In previous annual reports the implications of the Clean Air Act, 1956 have been discussed and special reference has been made to the part to be played by the industrialist and the householder if real improvement is to be achieved in reducing atmospheric pollution. The Beaver Committee were of the opinion that this objective could only be secured by a continuous programme vigorously pursued, and that if this was done by the end of ten to fifteen years smoke in the heavily polluted areas would be reduced by something in the order of 80 per cent. There are now signs that local authorities are beginning to make use of the sections of the Act controlling both the industrial and the domestic chimney. By the 31st January 1960 144 local authorities had made smoke control areas, in 68 districts the orders were in operation, in 67 cases the orders were confirmed but not at the time in operation and in the remaining 9 instances the orders were made under Local Acts. The total acreage covered by these orders is 33,691.

In the early part of the year a special report on 'Cleaner Air' was submitted to the Health Committee, and as a result the Council accepted the principle of establishing smoke control areas and at the same time adopted a progressive policy with the object of the whole of the Borough eventually becoming a smokeless area. Subsequently the Committee was recommended to establish the first smokeless area - Borough of Crewe No. 1 (Marshfield Bank and Wistaston Green) Smoke Control Order - covering some 270 acres and including 859 Council owned houses, 192 privately owned houses and 15 other premises. This area has now been approved in principle by the Minister of Housing and Local Government and it is hoped that it will come into operation in 1961. A further area in the region of the town centre is under consideration.

The visits made by the public health inspectors in connection with the establishment of these areas has confirmed the view previously held that the public are becoming increasingly conscious of the need for cleaner air.

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 .			12,738	
Trade refuse collected			1,264	tons
Total refuse collected by the			-	
Department during the year .	•••	•••	14,002	tons

2,473 tons of shop and factory refuse were also brought to the Refuse Disposal Works for disposal, making a total of 16,475 tons of refuse dealt with during the year. 50.7% 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

The following table shows the number of closets other than water closets in the Borough at the end of the year.

Waste Water	Closets	 	667
Pail Closets		 	188

#### WATER SUPPLY

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

During the year eleven samples of water were submitted for bacteriological examination and chemical examination. One sample was unsatisfactory but a further sample proved satisfactory.

#### NUMBER AND NATURE OF COMPLAINTS

The Department received 753 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			33
Defective fireplaces			4
Defective chimneys		••	7
Defective doors			2
Defective plasterwork			6
Defective floors			5
Defective roofs			16
Defective eaves gutters and p	ipes		8
Defective sinks			2
Burst water pipes			2
Dampness			16
Defective water closets			69
Choked drains			199
Flooding			7
Defective dustbins			2
Accumulations	• •		10
Dirty premises			3
Vermin			6
Beetles and Cockroaches			15
Ants			20
Rats			180
Mice			64
Foul and obnoxious odours			11
Smoke nuisances		• •	6
Ditches and watercourses			5
Paving of yards and passages			3
Miscellaneous	••		22
			753
			122

# INSPECTIONS

property and the second	erroren erroren error	-	-	-		-	
	No. of			Result	Prosec-		
		Notices		Notices		utions	
Nature of Inspections made	Num-	ser	ved	serve	ed	delon	0
Mature of Inspections made	ber		-	Notices	Remain-		
		Inf.	Stat.	complied	ing	Inst.	Pend.
	Section Section			with	in hand		
1. Dwelling Houses (P.H.Act)	770	71.5	77	7.77	1.7		
	332	145	31	133	43		-
2. Dwelling Houses (Hsg. Act)	000000	-		-	-	-	-
3. Improvement Grants,	347	-	-	-	-	-	-
4. Rent Act Certificates	100	-	-	-	-	-	-
5. Back to Back Houses		-	-	-	-	-	-
6. Verminous Houses	186	-	-	-	-	-	-
7. Tents, Vans & Sheds	98	-	-	-	-	-	-
8. Ashpails	613	505	23	501	27	-	-
9. Yards and Passages	37	-	-	-	-	-	-
10. House Drains	1867	-	284	284	-	-	-
11. Ditches and Watercourses	74	-	-		-	-	-
12. Offensive Accumulations	-34	-	-	-	-	-	-
13. Keeping of Animals	47	-	-	-	_	-	-
14. Offensive Trades	54	1	-	1	-	-	-
15. (a) Slaughterhouses	764	_	_	_	-	-	-
(b) Other places where food	104						
is prepared or sold · · · ·	1497	10	_	5	5	1	_
	25	2	1	1	1	_	
177 Defector and Mills-base				-	_		
	44	- 7		3	-		
18. Factories (with mech. power)	402	3	-		7		
Factories (with no mech. power)	12		-		7	-	
19. Workplaces	11		-	-	-	-	-
20. Outworkers	-	-	7.	-	-		-
21. Common Lodging Houses	. 75	-	-	-	-	-	-
22. Shops under Shops Act	32	-	-	-	-	-	-
23. Smoke Observations	20	-1	-	1	-	-	-
24. Smoke Control Areas	406	-	-	-	-	-	-
25. Infectious Diseases -							3
(Enquiries and Revisits)	81	-	-	-	-	-	-
26. Houses re Overcrowding	16		-	-	-	-	-
27. Milk Samples -		1000					
(Bacteriological Exam.)	123	-	-	-	-	-	-
28. Ice Cream samples	. 26	-	-	-	-	-	-
29. Water Samples	27	-	-	-	-	-	-
30. Food & Drugs Act .							
(Including Samples)	.317	-		_	_	3	-
31. Applicants for Corporation				1			1000
houses	512	-	_	1 -	-	-	-
32. Rodent Control	91		-	-	-	-	-
177 111 17	882		_	-	-	3	-
171	1172			-	_	-	-
34, Reinspections	11/2					-	-
TOTALS	10590	668	338	929	77	7	-
Land to the second seco				-			

#### 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 radisease has occurred	otifia			80
Number of rooms disinfected	••		••	14
Number of cases where bedding, etc., disinfected by steam at request of				19
Number of Library Books disinfected (a) from Public Library : (b) from Private Libraries	-	52 13		65

During the year, 16 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 1959

			•	be in	found to fested	Number of Premises
				Premises	Rooms	Disinfested
Council Houses	••			10	42	10
Other Houses	••	••	••	30	119	30
Cases confirmed after of infestation	compl	aint		6	-	
Cases found by Public Inspectors		th ••		34	-	-
Houses disinfested by	Corpo	ratio	n	-	-	40
Houses disinfested by	Contr	ractor	's	-	-	

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, 42 houses were treated for infestations of beetles and 40 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 four samples of bath water were submitted for bacteriological and chemical examination, and three samples were satisfactory but one, from the small pool, was unsatisfactory. Arrangements were made for additional chlorination to be carried out during busy periods and a further sample proved satisfactory.

#### OFFENSIVE TRADES

The following offensive trades are carried on in the Borough.

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

#### RAG FLOCK

COMMON LODGING HOUSES

materials are used

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.

	-		Ad	ults	Chi	ldren
			Males	Females	Males	Females
1959		 	7,595	920	245	_
1958	• •	 	7,100	1,225	-	-
1957		 	7,910	876	-	- 6

# HOUSING STATISTICS

Number of New Houses erected during the year:

	(1) By (2) By (3) By	the Local Authority other authorities other bodies or persons	90 55			
1.	Inspecti	on 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 (ii) Slum Clearance - Second Five Year Programme				268
	(b)	Number of inspections made for the purpose -	10001	••	••	200
		(i) General inspections (ii) Slum Clearance - Second Five Year Programme	332 266 Total		••	598
	(2) (a)	Number of Dwelling houses (included under the sub-heading (1) above) which were inspected and recorded under the Housing Consolidation Regulations,				
		(i) On general inspection (ii) Slum Clearance - Second Five Year Programme	Nil			123
	(b)	Number of inspections made for the purpose -				
1.		(i) General inspections (ii) Slum Clearance - Second Five Year Programme	Nil		00	266

# 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 Nil (ii) Slum Clearance - Second Five Year Programme 123 Total 12	3
(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	.5
Numbe fit i	r of defective dwelling houses rendered n consequence of informal action by the	.0
Actio Year	on under Statutory Powers during the	
(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 Ni	1
	(2) Number of dwelling houses which were rendered fit after service of formal notices -	
.,	(a) By owners Ni	1
	(b) By Local Authority in default of owners Ni	1
(b)	Proceedings under Public Health Acts -	
	(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	51
	Remedservi Number fit i Local Actic Year (a)	in a state so dangerous or injurious to health as to be unfit for habitation—  (i) On general inspections

# Housing Statistics, cont

3.	(b)	Proc	eedings under Public Health Acts -		
		(2)	Number of dwelling houses in which defects were remedied after service of formal notices -		
			(a) By owners		 19
			(b) By Local Authority in default of owners		 4
	(c)		eedings under Sections 16 and 17 of Housing Act, 1957 -		
		(1)	Number of Dwelling houses in respect of which demolition orders were made		 6
		(2)	Number of dwelling houses demolished in pursuance of demolition orders		 9
		(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.	Hous	ing A	ct 1957 - Part IV - Overcrowding		
	(a)	(1)	Number of dwellings overcrowded at end of the year		 6
1		(2)	Number of families dwelling therein .		 7
		(3)	Number of persons dwelling therein		 53
-	(b)		er of new cases of overcrowding orted during the year		 4
	(c)	(1)	Number of cases of overcrowding relieved during the year		 3
		(2)	Number of persons concerned in such cases	••	 26
	(d)	hous	ciculars of any cases in which dwelling ses have again become overcrowded after local authority have taken steps for abatement of overcrowding		 Nil

HOUSING CLEARANCE PROGRAMME

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

						ASSESSED FOR		gergeen kommen	The sections	-
No. of houses demolished to 31/12/59		78	ω	15	7	15	-	1	1	132
No. of families rehoused 3/11/55 - 31/12/59		62	7	13	7	13	18	2	4	143
Date of Confirm- ation of Order		2/4/57	19/6/57	11/3/58	19/11/61	75/1/8	22/9/58	65/1/6	8/5/59	1
Date of Represent- ation or Report		2/9/9	25/9/5	15/9/4	15/9/4	13/8/57	13/8/57	14/6/58	12/8/58	1
No. of houses in Area		87	ω	15	7	15	18	10	9	991
Description of Property :	1. CLEARANCE AREAS:	West Ward No. 2 (Naylor Street) Compulsory Purchase Order 1956	West Ward No. 3 (Stafford Street) Clearance Order 1957	Central Ward No. 4 (Foundry Street)	North Ward No. 8 (Earle Street) Clearance Order 1957	North Ward No. 9 (Martin Street) Clearance Order 1957	South Ward No. 2 (Railway Street) Clearance Order 1957	West Ward No. 4 (Stafford Street and Henshaw Street) Clearance Order 1958	South Ward No. 3 (Mill Street) Clearance Order 1958	c/f

Cont.	ACCOUNT AND ADDRESS OF THE PERSON NAMED IN
	ì
AMME,	-
2	١
90	-
PR	Ì
E	No.
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田	Total Section
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						- 31	-					
No. of houses demolished to 31/12/59	132		1	1	1	ı	1.	1	1		29	199
No. of families rehoused 3/11/55 - 31/12/59	243		6	13	10	8	ы	1	1		65	24.5
Date of Confirm- ation of Order	L		19/5/59	8/4/59	14/4/59	8/4/59	8/4/59	1	ı		15/1/6	1
Date of Represent- ation or Report	1		12/8/58	12/8/58	12/8/58	12/8/58	7/10/58	65/4/2	2/6/59		19/4/56	1
No. of houses in Area	166		15	77	12	ы	2	85	20		29	384
Description of Property	2/9	Clearance areas, cont.	Central Ward No. 5 (Lockitt Street) Clearance Order 1958	North Ward No. 10 (Davenport Street) Clearance Order 1958	North Ward No. 11 (Broad Street) Clearance Order 1958	North Ward No. 12 (Broughton Road) Clearance Order 1958	North Ward No. 13 (Sydney Road) Clearance Order 1958	West Ward No. 5 (Alexandra Street) Compulsory Purchase Order 1959	West Ward No. 6 (Orchard Place) Clearance Order 1959	2. AREAS DEALT WITH INFORMALLY WITH THE APPROVAL OF THE MINISTRY OF HOUSING AND LOCAL GOVERNMENT	Park Place	C/P

HOUSING CLEARANCE PROGRAMME, Cont

	No. of houses demolished to 31/12/59	199	1136		14611	111	234
	No. of families rehoused 3/11/55 - 31/12/59	24.5	2001		чиова	нч	276
	Date of Confirm- ation of Order	1	1111		11111	111	-
	Date of Represent- ation or Report	1	1111		1 1 1 1 1	111	-
-	No. of houses in Area	383	0 W 7 W		14617	ннн	44.2
	Description of Property	3. HOUSES BELONGING TO THE CORPORATION AND DEMOLISHED WITH APPROVAL OF THE MINISTRY OF HOUSING AND LOCAL GOVERNMENT	During 1954 During 1956 During 1958 During 1959	4. HOUSES DEALT WITH BY INDIVIDUAL DEMOLITION OR CLOSING	(a) Demolition Orders: During 1955 During 1957 During 1958 During 1958 During 1959	(b) Closing Orders: During 1955 During 1956 During 1959	TOTALS

### IMPROVEMENT GRANTS

1.	Number of applications received to 31st December 1958				109
	Number of applications received during the year				56
	Total applications received to 31st December 1959	••	••		165
2.	Number of applications approved to 31st December 1958				108
	Number of applications approved during the year		••		56
	Total applications approved to 31st December 1959	• •	••	**	164
3.	Number of applications withdrawn to 31st December 1958		••	• •	6
	Number of applications withdrawn during the year	••	••		
	Total applications withdrawn to 31st December 1959	• •	• •	• •	6
4.	Number of cases where work was completed by 31st December	er 195	58 .	• •	87
	Number of cases where work was completed during the year	r			28
	Total number of cases where work was completed by 31st	Decemb	er 1959	9 -	115
5.	Expenditure ranking for grant approved			-	
	to 31st December 1958		E16,943	3s.	0d.
	Expenditure ranking for grant approved during the year		8,156	6s.	ld.
	Total expenditure ranking for grant				
	approved to 31st December 1959		£25,099		
6.	Expenditure on works and repairs not	113	1		
	ranking for grant in cases approved to 31st December 1958		£5,124	10s.	7d.
	Expenditure on works and repairs not ranking for grant in cases approved				
	during the year		2,670	3s.	lld.
	Total expenditure on works and repairs				MILITARIUM IN
	not ranking for grant in cases approved		£7,794	148.	6d.
	to 31st December 1959		anerona e c	LIST	autorio .
7.	Number of grants repaid to 31st December 1959			••	3.
	Total amount of grants repaid	• •	£180	ls.	9d.
8.	Average grant per house	• •	£76	10s.	5d.
NOT	E:- The above expenditure figures include the figures applications approved but later withdrawn or repair		spect of		

## CERTIFICATES OF DISREPAIR

## Rent Act 1957

Part I - Applications for Certificates of Disrep	air		
Number of applications for certificates			25
Number of decisions not to issue certificates			Nil
Number of decisions to issue certificates -			
(a) in respect of some but not all defects .			13
(b) in respect of all defects			12
Number of undertakings given by landlords under			
paragraph 5 of the first schedule			10
Number of undertakings refused by Local Authority			
under proviso to paragraph 5 of the first schedule			Nil
Number of certificates issued			14
Part II - Applications for Cancellation of Certif	icates	2	
Number of applications by landlords to Local Authority			
for cancellation of certificates			7
Number of objections by tenants to cancellation			
of certificates	••		4
Number of decisions by Local Authority to cancel in			
spite of tenants' objections			Nil
Number of certificates cancelled by Local Authority			3

#### FACTORIES ACT 1937

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

	Particulars	Inspections	Written	er of Occupiers Prosecuted	
(i)	Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	51	12	1	_
(ii)	Factories not included in (i) in which Section 7 is enforced by the Local Authority	203	402	3	-
(iii)	Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises).	17	11	-	_
****	TOTAL	271	425	4	

### 2. CASES in which defects were found

	Number of cases in which defects were found							
Particulars	Found	Remedied	Referred To H.M. Inspector	Referred By H.M. Inspector				
Want of Cleanliness (S.1.)	1	- 2	-	1				
Sanitary Conveniences (S.7.)								
(a) Insufficient	-	-	-	-				
(b) Unsuitable or defective	3	3	-	3				
(c) Not separate for sexes	-	- 13-	<b>%_</b> 2	-				
TOTAL	4	3		4				

<sup>3.</sup> OUTWORKERS. List required by Section 110 received relating to 71 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:-

THE RESERVE OF THE PROPERTY OF	-		-		-
		Type of	Propert	ty	Total
	Local Auth.	Dwell. Hses.	Agric. Prop.	Bus. Pres.	
NUMBER OF PROPERTIES INSPECTED:					
(1) Primary Inspections: (a) as a result of notification (b) otherwise	10 4	170 346	-	23	203 350
(2) Reinspections: (a) as a result of notification (b) otherwise	9 4	30 . 47	-	13	52 52
Total properties inspected	27	593	-	37	657
NUMBER OF PROPERTIES FOUND TO BE INFESTED BY RATS					
(1) On primary inspections:  (a) Major  (b) Minor	2 13	307	-	12	332
(2) Reinfestation (a) Major	1 8	61	-	- 5	74
NUMBER OF PROPERTIES FOUND TO BE INFESTED BY MICE					
(1) On primary inspections (2) On reinspections	1 2	116	-	11 8	128 22
Total infestations found	27	496	-	36	559
NUMBER OF INFESTED PROPERTIES TREATED BY LOCAL AUTHORITY					
(1) Primary treatments: (a) for rats (b) for mice	12	257 92	-	8 8	277 101
(2) Treatments for reinfestation (a) for rats	9 3	51 9	-	6 5	66 17
Total treatments	25	409	-	27	461

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, 1,075 rats and 645 mice were picked up, whilst the estimated kill was 3,608 rats and 1,091 mice.

During the year the rodent operators paid 6,818 visits in connection with the inspection and treatment of premises.

Two maintenance treatments of the sewers were also carried out. 946 manholes were baited and 552 takes of poison bait was recorded, showing an estimated kill of 1,250 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 2,300 visits have been made for this purpose. The pressure of other duties has not, however, allowed as much time to be devoted to this important aspect of the work as one would have liked. Inspections of food establishments has proved beyond bubt that there is a need for regular and systematic visits together with constant vigilance in all food hygiene matters. Much is being done by the food trader in the way of improvements in storage and display of foodstuffs but it is important to remember the basic principles of cleanliness in relation to premises, equipment and persons is of paramount importance.

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 206 For the storage and sale of Ice Cream. .. For the preparation and manufacture of sausages or pressed, potted or preserved meat, etc .. Dairies 11 Other premises Fried Fish Shops .. 47 10 Wet Fish Shops 19 Bakehouses .. 0.0 Butchers Shops 59 1 Tripe Shops .. .. . . 27 Restaurants, Cafes, etc .. . . School Canteens .. 23 . . . . . . .. .. 27 Factory Canteens Licensed premises -Full licences . 53 18 Beer licences . . . .. . . . . 28 Clubs .. . . 19 Off licences .. 234 Grovery and Confectionery Shops. 62 Greengrocery . ..

Health Food Stores and Herbalists

Sweet Shops .

Slaughterhouses

3

36

3

..

#### MILK

## 

## Sterilised Milk

Dealer's Licences

Dealer's Supplementary licences

Dealer's licences			 		 	132
Dealer's Supplement	ary licence	es	 	••	 	4

#### MILK SAMPLING

During the year 109 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				
30	Tuberculin Tested (Pasteurised)	30	-	30	-		-	
2	Tuberculin Tested	1	1	-	-	-	-	
68	Pasteurised	66	2	66	2	-	-	
9	Sterilised		-	-	-	8	1	
109	TOTALS	97	3	96	2	8	1	

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

DEDICE	No. of	Averages		
PERIOD	samples -	Milk Fat %	Solids-not- Fat %	
Quarter ended 31st March, 1959	2	3.54	8.59	
Quarter ended 30th June 1959	12	3.35	8.59	
Quarter ended 30th September 1959	10	3.50	8.58	
Quarter ended 31st December 1959	10	3.70	8.66	
YEAR 1959	34	3.51	8.61	

During the year 21 samples were taken from producers in the Borough and submitted to examination for tuberculosis. 20 samples proved negative but one sample gave a positive result. Immediate notification of this case was made to the Divisional Veterinary Inspector. An affected animal was discovered in the herd and slaughtered.

#### ICE CREAM

Ice cream was manufactured at two premises in the Borough in 1959, while 206 premises were registered for the storage and sale of ice cream. A complete cold mix is used at both manufacturing premises in the Borough.

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

Ice Cream	Methy	Total			
. Ide Gream	Grade I	Grade 2	Grade 3	Grade 4	TOTAL
Samples taken at Manufacturing Premises  Samples taken from Retailers in the	2	4	-	1	7
Borough	15	4	1	-	20
TOTALS	17	8	1	1	27

#### ICE CREAM, Cont.

Six samples of ice creem 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 12.7%

#### SLAUGHTERHOUSES

During 1959, 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
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
1955	1,398	616	99	7,246	5,195	14,554

## CARCASES INSPECTED AND CONDEMNED

Cattle								
Number inspected 2,137 121 50 8,848 4,194 - 15,350  ALL DISEASES EXCEPT TUBERCULOSIS Whole carcases condemned 2 1 1 6 - 10  Carcases of which some part or organ was condemned 1,205 67 - 798 350 - 2,420  Percentage of the number inspected affected with disease other than tuberculosis 56.39% 57.2% 2.0% 9.03% 8.49% - 15.76%  TURERCULOSIS CNIX Whole carcases condemned 4 1 - 5  Carcases of which some part or organ was condemned 120 18 137 - 275  Percentage of the number inspected affected with tuberculosis 5.80% 14.88% 3.29% - 1.82%  CYSTICERCOSIS Carcases of which some part or organ was condemned 18 18  Carcases submitted to treatment by refrigeration 18 18  Generalised and			Cows	Calves		Pigs	Horses	Totals
ALL DISEASES EXCEPT TUDERCULOSIS Whole carcases condemned	Number killed	2,137	121	50	8,848	4,194	-	15,350
### TUBERCULOSIS Whole carcases condemned 2 1 1 6 - 10  Carcases of which some part or organ was condemned 1,205 67 - 798 350 - 2,420  Percentage of the number inspected affected with disease other than tuberculosis 56.39% 57.2% 2.0% 9.03% 8.49% - 15.76%  #### TUBERCULOSIS ONLY Whole carcases condemned 4 1 - 5  Carcases of which some part or organ was condemned 120 18 137 - 275  Percentage of the number inspected affected with tuberculosis 5.80% 14.88% 3.29% - 1.82%  CYSTICERCOSIS Carcases of which some part or organ was condemned 18 18  Carcases submitted to treatment by refrigeration 18 18  Generalised and	Number inspected	2,137	121	50	8,848	4,194	-	15,350
Carcases of which some part or organ was condemned	TUBERCULOSIS							
some part or organ was condemned		-	2	1	1	6	-	10
number inspected affected with disease other than tuberculosis	some part or organ	1,205	67	-	798	350	-	2,420
tuberculosis       56.39%       57.2%       2.0%       9.03%       8.49%       -       15.76%         TUBERCULOSIS ONLY         Whole carcases condemned       4       -       -       -       1       -       5         Carcases of which some part or organ was condemned       5.80%       14.88%       -       -       1.82%         CYSTICERCOSIS         Carcases of which some part or organ was condemned       18       -       -       -       -       18         Carcases submitted to treatment by refrigeration       18       -       -       -       -       18         Generalised and       -       -       -       -       -       -       -       18	number inspected affected with							
Whole carcases condemned		56.39%	57.2%	2.0%	9.03%	8.49%	-	15.76%
Carcases of which some part or organ was condemned 120 18 137 - 275  Percentage of the number inspected affected with tuberculosis 5.80% 14.88% 3.29% - 1.82%  CYSTICERCOSIS  Carcases of which some part or organ was condemned 18 18  Carcases submitted to treatment by refrigeration	TUBERCULOSIS ONLY							
some part or organ was condemned		4	-	-	-	1	-	5
number inspected affected with tuberculosis 5.80% 14.88% 3.29% - 1.82%  CYSTICERCOSIS Carcases of which some part or organ was condemned 18 18  Carcases submitted to treatment by refrigeration 18 18  Generalised and	some part or organ	120	18	-	-	137	-	275
CYSTICERCOSIS  Carcases of which some part or organ was condemned	number inspected affected with	5.80%	14.88%	_		3.29%	-	1.82%
Carcases of which some part or organ was condemned			-	-	-			
Carcases submitted to treatment by refrigeration	Carcases of which some part or organ	18		-			-	18
refrigeration 18 18 Generalised and		10						1
		18	-	-	-	-	-	18
the same and the s		-	-	-	-	_	-	-

-	Totals	8,124		813	609	16,851	1,030	162	047	358	066	04	350	27	145	327	348	135	56	200	8	5,659	36,562
NDEMNED	Miscell- aneous	1		-	1	1	1	-	1		-		1	1	1	1	i	1	1	1	1	22	22
FOODS CONDEMNED	Tinned	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3,884	3,884
D OTHER	Butter	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	69	69
MEAT AND	Cheese	1		1	1	1	1	1	1	1	1	!	1.	1	ı	1	1	1	1	1	1	38	38
IBS. OF	Veget- ables	1		1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	!	574	574
A	Fish	1		1	1	1	1	1	1	1	1	!	1	1	1	1	1	1	1	1	1	136	136
WEIGHT,	Pork	2,554		H	165	29	太	1	1	214	493	1	1	12	39	140	326	1	26	20	1	1	4,143
	Mutton	1		566	18	1,216	5	1	7,0	1	8	1	1	:	8	6	22	1	1.	I	1	1	1,592
	Veal	1		1		1	1	1	1	1	1	07	1	1	1	1	1	1	1	1	1	1	040
	Beef	5,570		536	422	15,606	971	162	1	17,4	4.89	1	350	6	98	178	1	135	1	450	8	926	790,92
	DISEASE	Tuberculosis	Parasites and	Cestodes	Nematodes	Trematodes	Abscesses	Angioma	Dropsy	Traumatism	Inflammation	Moribund	Actinomycosis	Pericarditis	Peritonitis	Pleurisy	Pneumonia	Toxaemia	Cirrhosis	Septioaemia	Neoplasms	Decomposition	TOTALS

TOTAL WEIGHT 36,562 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 1959 was 35.

#### CYSTICERCUS BOVIS

The routine inspection of all bovine carcases is carried out for the presence of cysticercus bovis. The organs of 18 carcases were found to be affected during the year and arrangements were made for the carcases 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 25 formal and 187 informal samples were submitted to the Public Analyst for analysis.

N-4	No. of	samples	Number of samples			
Nature of sample	Informal	Formal	adulterated or not genuine			
Milk	13	25	-			
Meat and Meat Products	39	-	1			
Fish and Fish Products	11	-	-			
General Groceries	66	-	-			
Preserves	4	-	-			
Ice Cream	6	-	-			
Confectionery	25	-	4			
Cordials	3	-	- 1			
Medicines etc.	20	-	2			
	187	25	7			
	2	12	*			

## 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
1757 Informal	Gulasch	Improperly labelled	Importers notified and label amended
1770 Informal	Indian Brandee	Deficient in Chloroform	Stocks withdrawn
1726 Informal	Sausage	Contained mould	Stock condemned
1846 Informal	Parfait Icing	Inner surface of carton contained dirt	Stock withdrawn
1889 Informal	Ammoniated Tincture of Quinine	Deficient in Ammonia	Stock withdrawn
1945 ) Informal) 1946 ) Informal)	Milk Chocolate Roasted Peanuts	Contained live caterpillar, grub of Cacao moth and webbing and excreta of cacao moth	Stock withdrawn Vendor cautioned

#### ATMOSPHERIC POLLUTION

In February 1959 a special report dealing with the implications of the Clean Air Act 1956 and in particular the establishment of Smoke Control Areas was submitted to the Health Committee. After careful consideration the Committee and the Council accepted the principle of establishing smoke control areas and resolved that sufficient provision be made annually in the estimates for carrying a progressive policy into effect.

Later in the year the Committee was recommended to establish the first smoke control area - the Borough of Crewe No. 1 (Marshfield Bank and Wistaston Green) Smoke Control Order - governing some 270 acres and including 859 Council owned houses, 192 privately owned houses and 15 other premises. This area has now been approved in principle by the Ministry of Housing and Local Government.

Another area in the region of the town centre is under consideration.

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. The first table shows readings of the standard deposit gauges, which measure the rate of fall-out of solid impurities in the atmosphere and these figures give an indication of the degree of pollution in the different areas. The second table shows the extent of sulphur gases in the atmosphere and it will be noted that the highest readings are during the winter months, suggesting that domestic fires are very largely contributory to this type of pollution.

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

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# ATMOSPHERIC POLLUTION

Monthly Deposits in Tons per square mile

CREWE GATES FARM	1959	12.55	8.27	9.25	13.59	12.23	27.39	18.15	9.92	11.31	12.40	19.03	10.75	164.84	13.74
	1959	17.34	8.70	10.42	17.50	12.78	13.13	10.59	8.00	9.58	11.65	8.34	11.93	133.96	11,16
A DRIVE	1958	14.97	12.02	9.36	6.43	8.60	13.17	8.42	76.6	10.64	10.44	10.84	10.33	128.19	10.68
ELM	1957	9.81	62.6	9.57	11.30	11.13	11.35	10.84	11.45	11.97	12.56	8.28	12.00	130.05	10.84
53	1959	7.06	5.59	9.13	10.50	11.14	13.25	7.06	90.9	96.6	10.00	7,31	40.6	106.10	8.84
SEWAGE WORKS	1958	9.30	10.00	10.34	8,95	7.14	9.95	6009	7.72	7.25	6.73	79.57	9.73	100.87	8.41
SEW	1957	6.74	94.7	5.93	7.29	8.44	10.28	9.38	11.37	10.68	4.85	5.05	9.13	09.96	8.05
MBERS	1959	19.39	16,19	21.35	27.40	22,01	16.99	13.55	13.48	15.64	19.27	20.57	20.80	226.64	18,88
IMPERIAL CHAMBERS	1958	22.75	19.87	17.31	17.01	16,10	16.64	13.40	14.05	17.23	16.22	18.96	17.61	207.15	17.26
IMPE	1957	14.35	17.27	20.78	16.67	17,10	14.88	17.22	17.90	17.71	12,12	15.79	19.36	201,18	16.77
STORES	1959	14.89	9.39	19.91	17.44	14.30	15.79	15.05	11.87	15.04	16.85	10.87	17.15	175.25	14.60
ASHBANK CO-OP STORES	1958	15.57	17,16	16.65	13.84	13.70	13.99	11.80	11.41	15.14	13.92	14.05	14.21	171.62	14.30
ASHBAN	1957	12.43	15.18	18.08	14.28	13.52	*	18.26	11.61	17.31	12,20	11,80	15.32	167.49	15.23
THEOR	MONTH	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL	MONTHLY

\* No result obtained owing to damage to equipment.

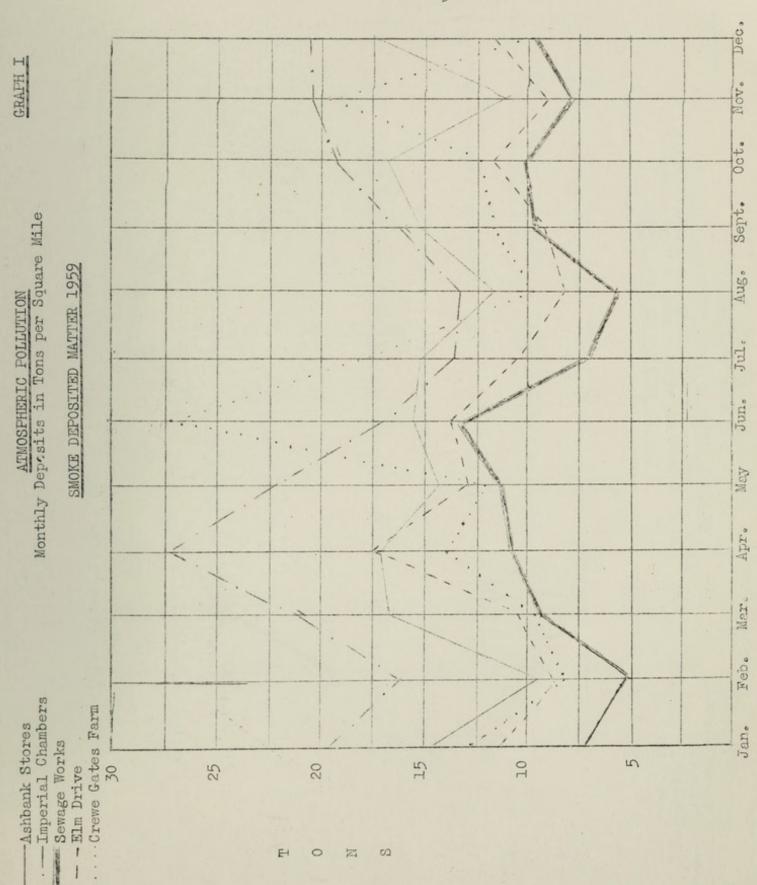
# ATMOSPHERIC POLLUTION

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

	-	-			-	-	-					-			
CREWE GATES FARM	1959	1.99	1.33	0.98	66.0	1.05	1.58	0.24	龙。0	†9°0	2.29	1.40	0.88	13.91	1.16
E	1959	2,35	2.04	1.02	0.91	0,88	0.91	0.31	0.39	0.65	0.70	1.45	69.0	12.30	1.02
ELM DRIVE	1958	0.88	1.14	96.0	0,82	0.52	0.86	0.48	0.34	0.54	09.0	1.32	1,23	69°6	0.81
	1957	29.0	1.00	1.09	0.84	29.0	0,35	79.0	0.43	0.34	2,21	0,68	0.90	9.82	0,82
83	1959	1.72.	2.03	76.0	0.53	1.09	176.0	0.21	0.33	0.56	0.42	1.09	0.44	10.30	0.86
SEWAGE WORKS	1958	0.26	77.0	0.76	0.53	0,40	940	0.43	0.30	0.62	66.0	1.02	0.87	7.47	0.62
SEVIA	1957	0.47	0.50	1.00	62.0	02.0	94.0	0.39	0.71	0.36	0.56	99*0	94.0	7.00	0.58
BERS	1959	4.55	4.73	2.52	2,58	1.94	1.74	0.70	26.0	1,66	1.89	2,60	1.24	27.12	2.26
IMPERIAL CHAMBERS	1958	4.28	3.20	1.73	2.01	1.59	1.51	1.11	1,11	1.68	2,81	3.30	3.26	27.59	2.30
IMPER	1957	1.34	1.73	2.96	2,17	1.96	1,18	1.18	1.00	1.51	2,10	1.06	1.58	19.77	1.65
STORES	1959	3.37	4.14	2.27	1.39	1.56	1.44	0.52	98*0	1.30	0.85	2.56	1.31	22.57	1.80
ASHBANK CO-OP	1958	1.65	2.09	1.51	1.32	1,13	1.49	0.93	98.0	1.94	1.96	2.34	2.54	19.76	1.65
ASHBANF	1957	0.86	1.12	2.39	1.74	1.59	0,81	62.0	0.73	0.98	2.84	0.63	0.99	15.47	1,29
MONIME	MONTH	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL	MONTHLY AVERAGE

ATMOSPHERIC POLLUTION Monthly Rainfall in Inches

EI SO	6	8	0	7	7	9	5	2	2	6	4	2	2	3	3
CREWE GATES FARM	1959	2.78	0.30	1.47	3.44	1,36	1.55	2.23	0.43	0.09	2.04	2.92	3.32	21.93	1.83
	1959	2.77	0.28	1,60	3.30	1.33	1.55	2.52	0.42	0.12	2.03	2.82	3.90	22,64	1,88
BLM DRIVE	1958	2.50	3.50	1.034	0,68	2.14	4.31	3.66	3.48	3.69	2.74	1.77	2.86	32.67	2.72
E	1957	1,55	1,88	2.58	0.38	1.21	1.65	5,15	3.54	6,10	2.25	1.14	2,16	29.59	2.46
KS	1959	2.92	0.33	1.50	3.20.	1.36	1.56	2.14	44.0	60.0	2.30	2.95	3.82	22.61	1,88
SEVAGE WORKS	1958	1.97	3.52	1,25	0.70	2,12	4.10	3.29	2,68	3.70	2.62	1.80	2.87	30.62	2.55
SEW	1957	1.70	1.89	2.47	0.35	1.23	1.42	4.86	3.73	6.08	2.09	1.33	1.75	28,84	2.40
AMBERS	1959	2,69	0.33	1.36	3.39	1.34	1.51	1.93	0.42	90.0	2.46	2.78	3.64	21.91	1.83
IMPERIAL CHAMBERS	1958	2,25	3.24	1.31	0.73	2.19	4.39	3.25	3.03	3.67	2.50	1.69	2.76	31.01	2.58
IMPE	1957	1,57	1,91	2.37	0.28	66.0	1.28	5.04	3.77	5.93	2,16	1.24	1.91	28.45	2.37
STORES	1959	2.74	0.28	1.49	3.04	1.29	1.60	2,10	0.42	0.08	2.14	3.10	3.82	22,10	1.84
ASHBANK CO-OP STORES	1958	2,13	3.12	1,20	0.72	2,16	60.4	3.53	3.48	3.87	2.45	1.79	2.89	31.43	2,62
ASHBANK	1957	1,68	1.98	2.33	0.31	1.23	1.72	4.63	3.62	6.08	2.13	1.31	1.92	28.94	2.47
HUMON	TOTAL TOTAL	Jen.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL	MONTHLY



Agendant Charles

