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Borough



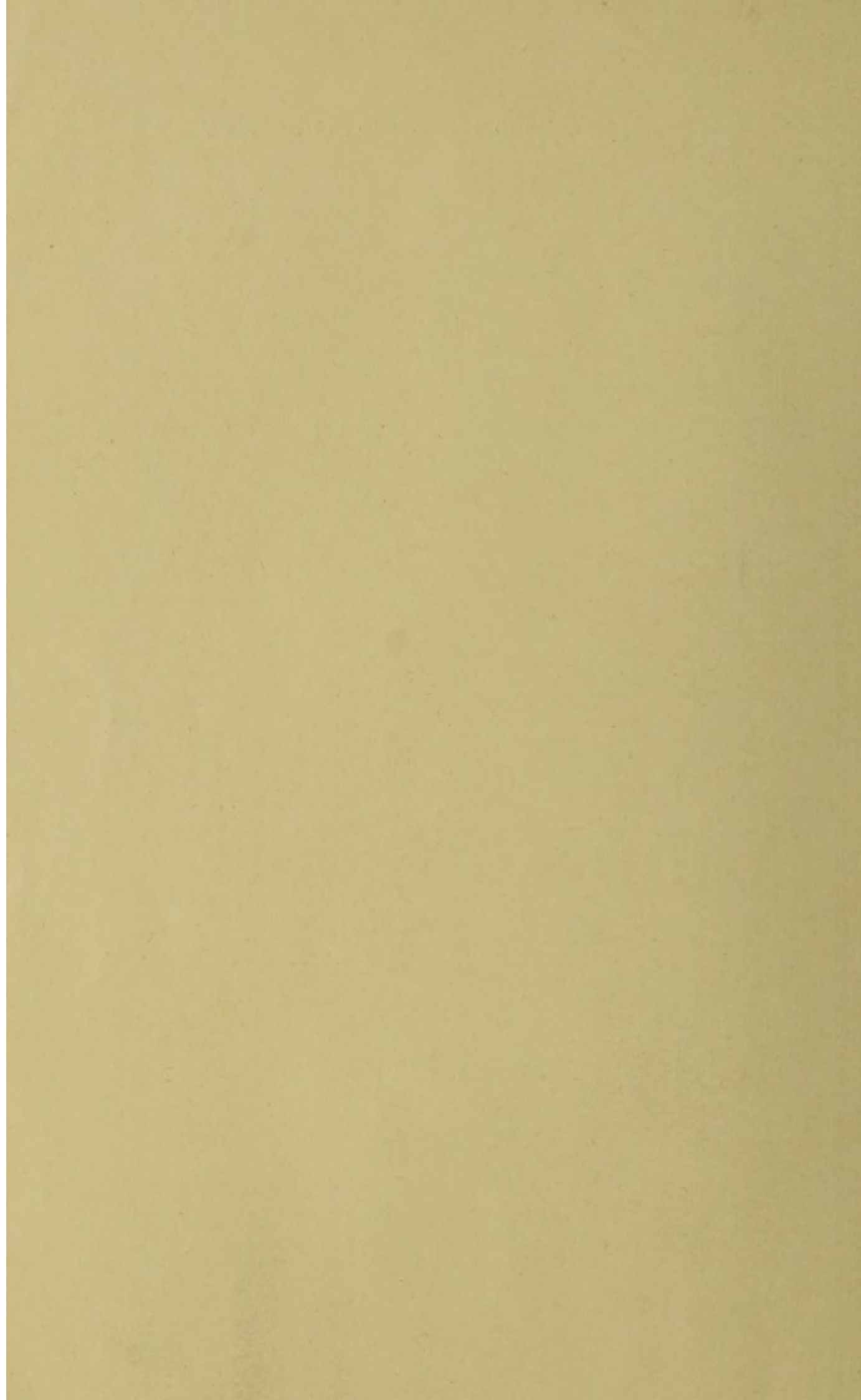
of Crewe.

Annual Report

OF THE

Medical Officer
of Health

1937.





ANNUAL REPORT

OF THE
Medical Officer of Health

FOR THE
Borough of Crewe

BY

J. D. INGRAM, M.D., D.P.H., D.M.R.E.,

*Medical Officer of Health,
School Medical Officer, Medical Superintendent of
Isolation Hospital, and Maternity Home,
Medical Officer in Charge of
Maternity and Child
Welfare.*

BOROUGH OF CREWE.

HEALTH COMMITTEE

1937—38.

Chairman:

ALDERMAN J. SMITH, J.P.

Members:

HIS WORSHIP THE MAYOR (ALDERMAN T. KELSALL).

ALDERMAN R. DUTTON.

„ W. R. FOULKES.

„ W. C. WHITE, J.P.

„ MRS. E. POWELL.

COUNC. A. BLOSS.

COUNC. E. T. ROBERTS.

„ A. H. BRICKER.

„ F. ROBERTS.

„ MRS. MOSSFORD POWELL, J.P.

„ P. TIMPERLEY.

„ H. J. LAWTON.

„ C. WELCH.

„ J. A. MADELEY.

„ MRS. F. E. WHITE.

MATERNITY AND CHILD WELFARE COMMITTEE.

1937—38.

Chairman :

COUNCILLOR MRS. F. E. WHITE.

Members :

HIS WORSHIP THE MAYOR (ALDERMAN T. KELSALL).

ALDERMEN A. G. BOTT.

„ F. BOTT, M.B.E.
„ R. DUTTON.
„ MRS. E. POWELL.
„ J. SMITH, J.P.
„ W. C. WHITE, J.P.

COUNC. A. BLOSS	COUNC. MRS. MOSSFORD POWELL, J.P.
„ A. H. BRICKER.	„ E. T. ROBERTS.
„ H. H. GRIFFITHS.	„ O. PARBERRY.
„ J. B. HERRING.	„ MRS. E. THEWLIS, J.P.
„ J. H. L. JONES.	„ P. TIMPERLEY.
„ H. J. LAWTON.	„ C. WELCH.
„ J. A. MADELEY.	„ A. WHITNEY.

Co-opted Members :

MRS. ANDRESS.	MRS. PALLITT.
„ BLOSS.	„ PARKINSON.
„ BUXTON.	„ WARDLE,
„ BENNETT.	

PUBLIC HEALTH SERVICES.

A.—Medical.

J. D. INGRAM, M.D., D.P.H., D.M.R.E., Medical Officer of Health, School Medical Officer, Medical Superintendent of the Maternity Home (whole time).

CHRISTINA R. LAING, M.A., M.B., Ch.B., D.P.H., Assistant School Medical Officer, Assistant Medical Officer for Maternity and Child Welfare (whole time).

A. A. GEMMELL, M.C., M.A., M.D., F.R.C.S., Liverpool, Consultant for Obstetrics.

R. H. RICHMOND, O.B.E., M.B., F.R.C.S., Stoke-on-Trent, and

J. GARDINER WIGLEY, F.R.C.S., M.R.C.S., L.R.C.P., Hale, Cheshire. Consultants for Puerperal Pyrexia.

BRUCE MACLEAN, M.D., M.B., B.S., M.R.C.S., L.R.C.P. Newcastle, Staffs. Consultant Physician, Isolation Hospital.

B.—Others.

VETERINARY SURGEONS:

F. LEECH, M.R.C.V.S. (part time).

R. M. LEE, M.R.C.V.S. (part time).

G. N. SHIRLEY, M.R.C.V.S., B.V.Sc. (part time).

SANITARY INSPECTORS:

H. Y. STAZICKER (1, 2 and 3) Chief Sanitary Inspector, Inspector under the Diseases of Animals Acts (whole time).

W. HAZELDINE, (4) Sanitary Inspector (whole time).

R. E. PLATT (3 and 4) Sanitary Inspector (whole time).

J. L. MOXON (3 and 4) Sanitary Inspector (whole time).

C. BENNETT, Temporary Assistant Sanitary Inspector (whole time).

HEALTH VISITORS AND SCHOOL NURSES:

M. ROUEN (4 and 6).

E. WILSON (6).

M. COLQUHOUN (5 and 6), resigned 30/11/37.

Clerks.

R. W. LEACH and MISS L. DEAN, Clerks in the Medical Officer's Department.

T. C. SIMPSON and R. S. BAKER, Clerks in the Sanitary Inspector's Office.

Isolation Hospital.

Matron (D. WILLIAMS), Sister, Maids, Ambulance Driver, Porter, Gardener.

Maternity Home.

Matron (M. E. WALTON), Sister, Midwives, Maids, Gardener.

- (1) *Member Royal Sanitary Institute.*
 - (2) *Member Institute of Cleansing Superintendents.*
 - (3) *Member Sanitary Inspector's Association.*
 - (4) *Certificate, Royal Sanitary Institute.*
 - (5) *Certificate, Central Midwives' Board.*
 - (6) *General Trained Nurse.*
-

PUBLIC HEALTH DEPARTMENT,
MUNICIPAL BUILDINGS,
CREWE.

*To the Chairman and Members of the Health Committee and of
the Maternity and Child Welfare Committee.*

Ladies and Gentlemen,

I have the honour to submit for your consideration the following Report on the Health Conditions which prevailed in Crewe during the year ending December, 1937.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area

4,414 acres.

Population

Census, 1931—46,061.

Estimated, 1937—45,960.

Number of Houses

Census, 1931—12,298.

1937—13,137.

Number of Families or Separate Occupiers

Census, 1931—12,365.

Rateable Value

£233,193.

Sum Represented by Penny Rate

£889.

Births

The number of births registered during the year was 584, representing a birth rate of 12.7 per 1,000 of the population.

				Males.	Females.	Total.
Live Births—Legitimate	...	...	...	267	275	542
Illegitimate	...	...	...	6	11	17
Total	...	...	...	273	286	559

Births—contd.

The live birth rate was 12.1 per 1,000 of the population, while the corresponding rate for England and Wales was 14.9 per 1,000.

Still-births numbered 25, giving a rate of 42.8 per 1,000 total births.

				Males.	Females.	Total.
Still-births—Legitimate	...	...	...	12	9	21
Illegitimate	...	...	...	4	—	4
Total	...	...	...	16	9	25

Deaths

The number of deaths registered during the year after corrections have been made for outward and inward transfers was:—

Males—316. Females—309. Total—625.

The death rate for Crewe was 13.5 per 1,000 of the population. The corresponding rate for England and Wales was 12.4 per 1,000 of the population.

The number of deaths which occurred in Public Institutions was 142, forming 22.7 per cent. of the total number of deaths.

The number of women dying in, or in consequence of, child birth (a) from sepsis 0; (b) from other causes 1.

32 deaths occurred of infants under 1 year of age and the death rate per 1,000 births was:—

Legitimate—57.1 Illegitimate—58.8 Total—54.7.

Cause of Death.	Number		Cause of Death.	Number	
	M	F		M	F
Scarlet Fever ...	—	—	Pneumonia (all forms ..	10	10
Measles ...	—	—	Other Respiratory Diseases	2	3
Whooping Cough ...	—	—	Peptic Ulcer ...	1	1
Diphtheria ...	5	2	Diarrhoea, &c. (under 2 yrs.)	2	—
Influenza ...	23	18	Appendicitis ...	2	2
Encephalitis Lethargica ...	2	—	Cirrhosis of Liver ...	—	—
Cerebro-Spinal Fever ...	2	—	Other Diseases of Liver, etc.	2	2
Tuberculosis of Respiratory System ...	11	12	Other Digestive Diseases ...	4	6
Other Tuberculous Diseases	2	3	Acute and Chronic Nephritis	10	8
Syphilis ...	1	—	Puerperal Sepsis ...	—	—
General Paralysis of the Insane, Tabes Dorsalis ...	—	—	Other Puerperal Causes	—	1
Cancer, Malignant Disease...	33	43	Congenital Debility, Premature Birth, Malformations, etc.	9	11
Diabetes ...	5	9	Senility ...	9	12
Cerebral Haemorrhage, etc.	21	20	Suicide ...	2	5
Heart Disease ...	87	86	Other Violence ...	13	8
Other Circulatory Diseases...	20	11	Other Defined Diseases	21	28
Bronchitis ...	15	8	Ill Defined Diseases	2	—

GENERAL PROVISIONS OF HEALTH SERVICES.

Nursing in the Home

The Webb Nursing Institute maintains two Nurses to assist in nursing the sick poor.

Midwives

The number of midwives practising in the area is 22; they are supervised by the County Council. Of this number 6 are on the County Council Staff of salaried midwives under Section I of the Midwives Act, 1936, and six are on the staff of the Maternity Home.

Poor Law Relief

I am indebted to Mr. G. H. Atkinson, Clerk to the Guardians Committee, for the following information respecting the relief statistics for the Borough:—

				Half-year ending	
				31st March	Sept. 30th
				1937	1937
Number of indoor poor relieved					
Able bodied	...	...	...	2	—
Not Able-bodied	...	...	...	66	65
Insane	...	...	...	7	8
Children	...	...	...	5	7
Total				80	80
Vagrants relieved in Workhouse...				—	—
Number of outdoor poor relieved					
in the Borough	...	...	...	1542	1176
Cost of above	...	...	...	£6227/5/1½d.	£5682/3/2½d.
Number of Vagrants relieved				6	3

Laboratory Facilities

Provision is made in the Municipal Laboratory for the examination of swabs for diphtheria, sputum for Tuberculosis, hairs for Ringworm and smears of Gonococci.

During the year the number of specimens examined in the Municipal Laboratory was:—

	Positive.	Negative.	Total.
Swabs for Diphtheria	116	830	946
Sputum for Tubercle Bacilli ...	4	21	25
Pus for Gonococci	3	8	11

The County Council which is responsible for the administration of the tuberculosis scheme has also made provision for the examination of sputum, and during the year the number of specimens examined was 119, of which 14 were positive and 105 negative.

Legislation in Force

The adoptive Acts and Byelaws in force in the Borough are as detailed in the report for 1930.

Institutional Provision for Unmarried Mothers, Illegitimate Infants and Homeless Children.

The Crewe and District Association for Prevention and Rescue Work maintains the St. Hilda's Home, 71, West Street, Crewe. During the year outside attention was given to 61 women and girls and 57 girls and 9 babies passed through the home.

Ambulance Facilities

The ambulance facilities provided by the Corporation consist of five Motor Ambulances. Two are stationed at the Fire Station in the centre of the Town, two at the Isolation Hospital, and one at the New Garage and Workshop in the West portion of the Borough. The two at the Isolation Hospital are used mainly for conveyance of notifiable infectious diseases and the other three for non-infectious cases and street accidents.

The total number of patients carried by the Ambulances during the year was 1,057; the total number of journeys made was 1,169; and the total distance in miles covered was 23,482.

Clinics and Treatment Centres

The new Clinic at Ludford Street for Maternity and Child Welfare and School Medical Service has now taken the place of the premises previously used for these purposes at the Old Railway Hospital, Lyon Street. In other respects the Clinics and Treatment Centres are as stated in the Report for 1930.

MATERNITY AND CHILD WELFARE.

Ante-Natal Clinic

The Ante-Natal Clinic is held each Wednesday afternoon in the Clinic Rooms, Ludford Street. It is freely open to any midwife or expectant mother in the Borough who desires to make use of it.

During the year 32 expectant mothers attended, paying in all 73 visits. All the expectant mothers attended on their own account.

Maternity Home

During the year 228 cases were admitted to the Home of which number 82 came from addresses outside the Borough. In 153 instances (67.1 per cent.) the case was attended by a medical man, 73 were attended by the midwives at the Home, and 2 were not delivered.

The average duration of stay in the Home was 13.1 days. Of the babies born in the Home, 6 were still-born.

Two expectant mothers were found at the ante-natal examinations to have albuminuria.

On the Ante-natal afternoons, 201 expectant mothers made 911 visits.

Home Helps

The scheme for providing Home Helps for service in the midwifery cases was continued during the year, and a Home Help was supplied in 22 cases.

Maternal Mortality

Inquiry into the case of maternal deaths is made by the Medical Officer of Health, and in view of the interest taken in this subject it may be said that the cases so far investigated have not given any reason to suppose that they could have been prevented.

No official enquiry is made into cases of puerperal pyrexia since such enquiries can be better made by the County Council as supervisors of Midwives.

Milk Scheme

During the year, 144 families were supplied with milk free or at half cost under the Council's scheme: 112 families were supplied with 2,503 gallons, 1 quart, 1 pint, free and 32 families with 315 gallons, 1 quart, 1 pint, at half cost.

The total quantity of milk supplied was 2,818 gallons, 3 quarts.

Work of Health Visitors

	Northern District	Southern District	Western District	Total.
First visits under 1 year :				
New Cases this year ...	160	164	269	593
Old Cases from last year ...	147	68	106	321
Re-visits under 1 year ...	235	90	726	1051
Re-visits 1 to 5 years ...	1238	661	906	2805
First visits to Illegitimate Infants	1	4	2	7
Re-visits " " "	10	5	9	24
First visits to Ante-natal cases :				
New Cases this year ...	4	2	17	23
Old Cases from last year ...	—	—	1	1
Re-visits to Ante-natal cases ...	—	—	15	15
Visits to Tuberculosis Cases ...	9	17	26	52
Visits to Still births ...	2	5	6	13
Special visits ...	15	31	12	58
	1821	1047	2095	4963
Lost Visits ...	286	376	137	799
Total Visits...	2107	1423	2232	5762

During the year 586 births were notified, and each was visited.

The number of living babies found, after deducting still-births, deaths, and those who had left town, was 525.

The number of babies found to be sleeping alone was 458 (87.2 per cent.).

The number of babies found to breast fed entirely at the time of the first visit was 333 (63.4 per cent.); 37 were partly fed on the breast and partly artificially, and 193 were fed on artificial foods.

Cows' milk is the artificial food most commonly used and was given in 123 cases, the remaining 32 being fed on other artificial foods.

The number of babies entirely breast fed at the age of three months was 101 (19.2 per cent.) and at the age of six months was 54 (10.2 per cent.).

Work of the Welfare Centres

	No. of Infants.	Attendances.	Consultations.
Ludford Street Centre	319	2296	1112
St. John's Centre	310	3388	1461
	<hr/> 629	<hr/> 5684	<hr/> 2573

Boarded out Children

From the 1st April, 1930, the functioning of Part I of the Children Act, 1908, formerly discharged by the Board of Guardians, devolved upon the Local Authority under the Local Government Act, 1929, and the Children's and Young Persons Act, 1932.

The main object is to secure that any child under 9 years of age who is maintained for "reward" shall be notified to the Local Authority in order that it may be kept under observation and supervision.

The number of boarded-out children on the register at the end of the year was 22.

During the year 1 was adopted, 2 left the district, 4 returned to parents, and 1 was admitted to Dr. Barnado's Home.

The homes of these boarded-out children are visited periodically by the Health Visitors and all children found to be well cared for and the home in a clean condition.

Orthopaedic Cases

The number of cases treated at the After-care Centre was as follows:—

Congenital Deformities...	4	Flat Foot	...	...	...	9			
Claw Foot	...	...	...	4	Injuries	...	...	...	6
Knock Knees	...	...	9	Rickets	...	...	...	2	
Spastic Paralysis	...	2	Postural Defects	...	2				
Poliomyelitis	...	...	4	Scoliosis	...	...	...	1	
Arthritis	...	...	...	3	Others	...	...	...	18

SANITARY CIRCUMSTANCES OF THE AREA.

Water

During the year 319,442,630 gallons were supplied to the Corporation for the use of the town.

The quantity supplied by the Corporation is approximately 18.9 gallons per person per day.

This figure is not absolutely correct since certain of the houses belonging to the Railway Company are supplied with water directly by the Company and not by the Corporation.

During the year 1,767 yards of water mains were laid.

Drainage and Sewerage

580 yards were laid during the year.

Closet Accommodation

At the end of the year the number of closets of each type was:—
Water Closets 12,603; Waste Water Closets 987; Pail Closets 1,029; Privy Middens 12; these Privy Middens are all in the Area added to the Borough under the County of Chester Review Order, 1936.

During the year 447 Pail Closets and 7 Waste Water Closets were converted to the Water Carriage System.

Refuse Collection and Disposal

The Collection of Household Refuse is made weekly and for this purpose a fleet of eight motor vehicles is employed.

For the Collection of Nightsoil two motors are used.

The estimated amount of Household Refuse collected during the year, including tonnage from the Added Area, was 8,607 tons, averaging 13.1 cwts. per house per annum.

The estimated amount of Nightsoil collected during the year, including the tonnage from the Added Area was 1,035 tons.

The cost of collecting these quantities was:—Day Refuse (including Added Area) £6,526; Nightsoil (including Added Area) £738.

The refuse in general is disposed of at the Refuse Disposal Works but 4,032 tons were disposed of by controlled tipping.

Sanitary Inspections.

Nature and Number of Inspections made,				No. of Notices served		Result of Service of Notices		Prosecut's	
				Number	Informal	Statutory	Notices complied with	Remaining in hand	Instit'ed Pending
1 Dwelling Houses ...	150	122	1	104	19	...	...	...	...
2 Dwelling Houses (Inspection under Housing Act, 1936)	475	238	141	65	314	...	...	...	...
3 Back-to-back Houses ...	...	...	...	...	...	...	...	...	...
4 Tents, Vans, etc. ...	28	2	...	2	...	...	...	...	...
5 Yards and Passages ...	25	1	...	1	...	...	...	...	...
6 Privy Pails, Ashpails etc ...	1909	777	139	886	30	...	...	...	...
7 House Drainage ...	1637	578	96	674	...	...	...	...	...
8 Ditches, Water Courses, etc	17	...	...	...	...	...	...	...	...
9 Offensive Accumulations ...	59	5	2	7	...	...	...	...	...
10 Keeping of Animals ...	5	1	...	1	...	...	...	...	...
11 Offensive Trades ...	77	29	...	29	...	...	...	...	...
12 (a) Slaughterhouses ...	1415	34	...	34	...	...	...	...	...
(b) Other places where food is sold ...	398	...	...	...	...	...	...	...	...
13 Piggeries ...	540	...	...	...	...	...	...	...	...
14 (a) Dairies ...	380	157	1	157	1	...	...	...	...
(b) Cowsheds ...	477								
(c) Milkshops ...	32								
15 (a) Factories ...	314	3	...	3	...	...	...	...	...
(b) Workshops ...	64	1	...	1	...	...	...	...	...
(c) Workplaces ...	35	...	...	...	...	...	...	...	...
(d) Outworkers ...	1	...	...	...	...	...	...	...	...
16 Bakehouses ...	65	50	...	50	...	...	...	...	...
17 Common Lodging Houses	245	8	...	8	...	...	...	...	...
18 Smoke Observations ...	76	9	...	9	...	...	...	...	...
19 Shops under Shops Acts ...	533	166	...	143	23	...	...	...	...
20 Infectious Diseases Inquires and Re-visits ...	209	14	...	14	...	...	...	...	...
21 Inspections under the Housing Act 1936 (Overcrowding) ...	140	...	...	...	...	...	...	...	...
(Overcrowding) ...	1049	18	...	18	...	...	...	...	...
22 Miscellaneous ...	...	...	...	...	...	...	...	...	...
23 Re-visits ...	2932	...	...	...	...	...	...	...	...
TOTAL ...	13487	2213	380	2206	387	...	...	...	...

Shops

The number of shops in the Borough at which shop Assistants and other persons are employed is 435.

During the year 58 thermometer readings were taken for the purpose of ascertaining whether a reasonable temperature was being maintained to comply with Section 10, Sub-section 1b, of the Shops Act, 1934.

The following Informal Notices were served in connection with the heating, ventilation and sanitary accommodation of shops:

Subject of Informal Notices.	No. of Informal Notices served.	No. of Notices complied with (31/12/1937)
Heating of Shops	25	24
Ventilation of Shops ... ..	...	...
Sanitary Accommodation	14	6

ERADICATION OF BED BUGS.

1. Statistics

Number of Council Houses found to be infested	3
Number of Council Houses disinfested	3
Number of other Houses found to be infested	33
Number of other Houses disinfested	33

2. Methods Employed

Houses sprayed with patent fumigant solutions from special pressure sprayers without the premises being hermetically sealed, the complete process taking approximately 10 hours	30
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

Houses fumigated with sulphur candles and/or patent fumigation blocks after spraying with insecticide solutions	6
------------------------------------------------------------------------------------------------------------------------	---

The first mentioned method proved very effective and satisfactory. In 30 cases the houses treated were furnished and occupied but were vacated for 10 -12 hours . In 6 cases it was necessary to repeat treatment and in the case of one Council House hydrogen cyanide fumigation had to be resorted to and this proved satisfactory. The work of disinfestation was in all cases carried out by employees of the Corporation under the supervision of the sanitary inspectors, except in the case of the use of hydrogen cyanide. In each case the architraves, skirting boards and other woodwork, together with one or two floorboards in each bedroom were eased prior to fumigation.

3. Hydrogen Cyanide Fumigation

During the year 15 families were removed to new Council Houses from Clearance Areas. Their furniture and effects were treated with hydrogen cyanide in the removal van by a firm specialising in this type of fumigation and their bedding and clothing was steam disinfested at the Isolation Hospital while all the members of the families had a bath prior to taking possession of the new houses allocated to them. Also hydrogen cyanide fumigation was carried out prior to the demolition of dwelling houses in Clearance Areas. During the year 43 houses were so treated.

4. Prevention of the Spread of Vermin in Corporation Houses

The Borough Treasurer during the year notified the Department as to the addresses of prospective tenants of Council Houses and the sanitary inspectors inspected these premises before any tenancies were granted. 205 houses were inspected for this purpose and 4 of these houses were found to be verminous and one house was found to be in an unsatisfactory condition.

Factories and Workshops

	1937	1936	1935	1934
Factories ...	191	182	182	171
Workshops ...	202	248	247	210

1—Inspection

Including Inspections made by Sanitary Inspectors

PREMISES	Number of		
	Inspections	Written Notices	Prosecutions
Factories (Including Factory Laundries)	514	28	-
Workshops (Including Workshop Laundries)	64	26	-
Workplaces (Other than outworkers included in Part 3).	35	-	-
	613	54	-

2—Defects found

Particulars (1)	Number of Defects			Number of offences in respect to which Prosecutions were instituted. (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Nuisances under the Public Health Acts	3	3	-	-
Want of Cleanliness (Limewashing)	51	51	-	-
Sanitary Accommodation } Unsuit- able or defective	-	-	-	-
Total	54	54	-	-

3—Home Work.

12 lists were received from makers of wearing apparel relating to 5 outworkers.

4—Registered Workshops

Workshops on Register (S.131) at the end of the year			Number
Bakers and Confectioners	...	...	15
Dressmakers and Milliners	...	...	23
Tailors	...	...	16
Watchmakers and Jewellers	...	...	7
Tinsmiths	...	...	5
Cabinet Makers and Joiners	...	...	24
Bootmakers and Repairers	...	...	20
Herb Beer Manufacturers and Bottlers	...	...	1
Artificial Teeth	...	...	9
Cycle Repairers	...	...	11
Ice Cream Manufacturers	...	...	20
Wheelwrights	...	...	3
Stonemasons	...	...	6
Picture Framers	...	...	1
Blacksmiths	...	...	5
Others	...	...	36
Total number of Workshops on Register			202

5—Other Matters

Class	Number
Action taken in matters referred by H.M. Inspector as remediable under the Factory and Workshop Act S.5.	Notified by H.M. Inspector
	0
	Reports of action taken sent to H.M. Inspector
	0

Common Lodging Houses

There are now 4 Common Lodging Houses in the Borough. These are visited frequently to ensure that they are kept in a satisfactory manner and the Byelaws are observed. The number of such visits of inspection made during the year was 245. The number of persons who made use of the Common Lodging Houses during 1937 as compared with the two preceding years was:

	Adults		Children	
	Males	Females	Males.	Females
1935	17,988	1,818	3	27
1936	17,752	2,161	—	7
1937	14,662	1,552	7	36

Offensive Trades

The number and nature of the Offensive Trades carried on in the Borough are:—

Rag and Bone Dealers	...	...	...	...	...	2
Gut Scraper	...	...	...	...	...	1
Tripe Boiler	...	...	...	...	...	1
Knacker's yard	...	...	...	...	...	1

Pig Keepers

The number of persons keeping pigs on premises in the Borough is 72.

Rag Flock

There are no premises in the Borough in which rag flock is manufactured. It is sold and used on 4 premises.

Schools

The Water Supply and Sanitary Conditions of the Elementary Schools in the Borough are satisfactory.

HOUSING STATISTICS.

Number of New Houses erected during the year.

(a) Total (including numbers given separately under b).

1. By the Local Authority	... ..	178
2. By other Local Authorities	... ..	—
3. By other bodies and persons	... ..	124

(b) With State Assistance under the Housing Acts .

By the Local Authority :

1. For the purpose of Part I of the Act of 1930	50
2. For the purpose of Part II of the Act of 1930	—
3. For the purpose of Part III of the Act of 1930	124
4. For other purposes —

1. Inspection of Dwelling Houses during the year

(1) (a) Total number of dwelling houses inspected for housing defects (under the Public Health or Housing Acts) 444

(b) Number of inspections made for the purpose ... 625

(2) (a) Number of dwelling houses (included under the sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 241

(b) Number of inspections made for the purpose ... 293

(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 39

(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation 241

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 153

3. Action under Statutory Powers during the year :-

(a) *Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:*

(1) Number of dwelling houses in respect of which notices were served requiring repairs 159

(2) Number of dwelling houses which were rendered fit after service of formal notices:

(a) By owners 32

(b) By Local Authority in default of owners 2

(c) Number of houses in respect of which Notices requiring repairs were served prior to 1937 but rendered fit during 1937 122

(b) *Proceedings under Public Health Acts:*

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 6

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

(a) By owners 6

(b) By Local Authority in default of owners —

(c) *Proceedings under Sections 11 and 13 of the Housing Act, 1936:*

(1) Number of dwelling houses in respect of which Demolition Orders were made —

(2) Number of dwelling houses demolished in pursuance of Demolition Orders 1

(d) *Proceedings under Section 12 of the Housing Act, 1936:*

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

4. Housing Act, 1936—Part IV Overcrowding :-

- (a) (i) Number of dwellings overcrowded at the end of the year 33
- (ii) Number of families dwelling therein 37
- (iii) Number of persons dwelling therein 292
- (b) Number of new cases of overcrowding reported during the year 6
- (c) (i) Number of cases overcrowding relieved during the year 21
- (ii) Number of persons concerned in such cases 166
- (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,

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

—Cowsheds

Number of cowsheds occupied for production of milk in the
Borough at the present time 58

Number of these cowsheds up to the standard required by this
Local Authority under the Milk and Dairies (Consolidation)
Act, 1915 and the Milk and Dairies Order, 1926 31

Number of these cowsheds at present where the work of bringing
these up to the standard required by this Local
Authority under the Milk and Dairies (Consolidation)
Act, 1915 and the Milk and Dairies Order, 1926 in
accordance with Statutory Notices and lists of Recommendations
from this Department is in hand 15

Number of these cowsheds which have not yet been brought
up to the standard required by this Local Authority
under the Milk and Dairies (Consolidation) Act, 1915
and the Milk and Dairies Order, 1926, in accordance
with Statutory Notices and lists of Recommendations
from this Department 12

Number of cowsheds in the Borough which are not now used
for the production of milk for sale 12

Inspection of Registered Premises

During the year 889 inspections were made of registered premises
by the sanitary inspectors.

Bottled Milk Sellers

There are 126 premises in the Borough from which milk is sold
in sealed containers only.

Retail Purveyors of Milk

There are 221 persons registered to sell milk within the Borough from registered premises and from vehicles.

MILK SAMPLING

Sediment Tests

34 milk samples were taken for sediment from purveyors selling milk from vehicles in the Borough, 4 of which were unsatisfactory.

19 milk samples for sediment were taken from cowsheds in the Borough and in 5 cases the cowkeepers were advised how in their particular cases a more satisfactory supply of clean milk could be produced.

Other Tests

It is proposed that 4 samples per year be taken from each cowshed in the Borough for the enumeration of organisms and examination for B. Coli and also one sample per year from each cowshed for animal inoculation tests for Tuberculosis.

Meat and Other Foods

Number of registered slaughterhouses in the Borough	...	...	6
Number of licenced slaughterhouses in the Borough	...	...	5
Number of inspections made of slaughterhouses during the year 1415			
Number of inspections made of premises where food is stored or prepared or kept for sale	...	...	398
Number of inspections made of bakehouses	...	...	65

Frequent inspections are also made of stalls and shops where food is kept for sale.

The following is a tabulated statement of the types of animals slaughtered and inspected together with particulars of diseases found necessitating complete or partial condemnation:

Carcases Inspected and Condenned.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	1446	167	3115	8325	3534
Number inspected	1446	167	3115	8325	3534
ALL DISEASES EXCEPT TUBERCULOSIS					
Whole carcases condemned ... ..	...	5	3	2	3
Carcases of which some part or organ was condemned	3	3	...	1	29
Percentage of the number inspected affected with disease other than Tuberculosis	0.207%	4.790%	0.096%	0.036%	0.906%
TUBERCULOSIS ONLY					
Whole carcases condemned	6	4	...	...	4
Carcases of which some part or organ was condemned	9	6	...	...	85
Percentage of the number inspected affected with Tuberculosis	1.035%	5.987%	...	...	2.518%

DISEASE	Lbs.										Total
	Beef	Pork	Mutton	Veal	Liver	Ham	Fish	Fruit	Vegetables	Miscellaneous Provisions	
Tuberculosis. ...	7416	2186	...	...	176	...	...	...	...	...	9778
Septicaemia ...	1619	340	...	...	40	...	...	...	...	...	1999
Dropsy ...	440	62	135	...	19	...	...	...	...	...	656
Abscesses ...	...	...	...	...	28	...	...	...	...	...	28
Angiomatosis ...	...	...	...	...	28	...	...	...	...	...	28
Cirrhosis ...	...	...	...	...	14	...	...	...	...	...	14
Bone Taint ...	85	...	...	...	...	...	...	...	...	...	85
Immaturity ...	...	...	...	30	...	...	...	...	...	...	30
Moribund ...	...	...	...	39	...	...	...	...	...	...	39
Fever ...	...	...	...	50	...	...	...	...	...	...	50
Injuries ...	...	25	...	...	...	...	...	...	...	...	25
Putrefaction ...	600	...	4	...	12	245	210	48	964	432	2515
TOTAL ...	10160	2613	139	119	317	245	210	48	964	432	15247

Total Weight of Food Condemned

15,247. lbs.

6 Tons, 16 cwt., 15 lbs.

Adulteration

The Food and Drugs (Adulteration) Act, 1928, is administered by the County Council to whose Chief Inspector, Mr. S. Hallard, I am indebted for the following particulars of the samples taken in Crewe.

The articles with the number of samples taken of each were:—
 Apricots—dried (1), Aspirin Tablets (1), Bacon (1), Bismuthated Magnesia (1), Boracic Powder (1), Boracic Ointment (1), Brandy (2), Bread & Butter (1), Butter (3), Castor Oil (1), Cheese (1), Cheese—Cheshire (5), Chocolate (1), Cinnamon & Quinine Tablets (1), Cocoa (1), Coffee (1), Cream (1), Cream—Tinned (2), Fish Paste (1), Flour—Self Raising (1), Fruit—tinned (oranges) (1), Gregory's Powder (1), Jam (1), Jelly (1), Lard (3), Lemonade Cubes (1), Lemon Barley Crystals (1), Liquorice Powder (1), Margarine (1), Marmalade (1), Meat Paste (1), Milk (68), Peas (1), Pickles (1), Rice (1), Rum (2), Sago (1), Sausages (3), Sardines (1), Seidlitz Powders (1), Sulphur—Flower of (1), Sultanas (1), Suet—shredded (1), Sugar (1), Sweets (4), Treacle (1), Veal, Jellied (1), Vinegar—malt (1), Whisky (2), Zinc Ointment (1).

Sample.	Result of Analysis.	Remarks.
Milk	13.4 per cent. extraneous water	Fined £2 and 10/6 costs.
Seidlitz Powder	52 per cent. deficient in Tartaric Acid.	Particulars sent to Cheshire Insurance Committee.
Milk.	Abnormal.	No action.
Milk	2 per cent. deficient in fat.	Cautioned.
Milk	5 per cent. deficient in fat.	Cautioned.

INFECTIOUS AND OTHER DISEASES.

Prevalence of Infectious Disease

The following table shows the prevalence of the various notifiable diseases during the past 5 years:—

	1933	1934	1935	1936	1937
Small-pox	—	—	—	—	—
Scarlet Fever	163	80	291	236	67
Diphtheria	58	246	113	298	115
Erysipelas	17	10	8	11	6
Pneumonia	23	8	10	13	17
Puerperal Fever	3	1	2	—	1
Puerperal Pyrexia	4	4	5	4	5
Cerebro-spinal Fever	1	1	—	3	1
Enteric Fever	—	—	—	—	—
Anterior Polio-myelitis	—	—	—	1	—
Encephalitis Lethargica	—	—	2	—	2
Ophthalmia Neonatorum	2	—	3	5	1

The following table shows the number of cases notified of the various notifiable diseases (excluding tuberculosis) during the year 1937.

Disease	Total Cases Notified.	Cases Admitted to Hospital.	Total Deaths.
Scarlet Fever	67	61	...
Diphtheria	115	112	7
Erysipelas	6	1	...
Pneumonia	17	1	...
Cerebro-spinal Fever	1	1	...
Ophthalmia Neonatorum	1	...	...
Puerperal Pyrexia	5	3	...
Puerperal Fever	1	1	...
Encephalitis Lethargica	2	1	...

Diphtheria

The monthly notifications during the year were:—

Jan. 18	April 13	July 7	Oct. 11
Feb. 8	May 3	Aug. 4	Nov. 16
Mar. 11	June 10	Sept. 4	Dec. 10

The total number of cases was 115, as against 298 cases in 1936, and the number of deaths was 7, giving a case mortality of 6.08 per cent.

The ages of the children protected against diphtheria were:—

0—1 ... —	4—5 ... 15	8—9 ... 8
1—2 ... 8	5—6 ... 12	9—10 ... 6
2—3 ... 9	6—7 ... 12	10—11 ... 4
3—4 ... 12	7—8 ... 8	11—12 ... 2
		12 & over... 1

The quantity of antitoxin issued to medical practitioners during the year was 104 phials, containing 416,000 units.

Scarlet Fever

The number of cases notified during the year was 67 and the monthly incidence was as follows:—

Jan. 3	April 3	July 3	Oct. 15
Feb. 3	May 3	Aug. 2	Nov. 10
Mar. 2	June 3	Sept. 2	Dec. 18

Age Distribution of the Cases

DISEASE.	under 1	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65 and over.
Scarlet Fever ...	...	2	5	3	5	35	10	2	3	2	...	...
Diphtheria ...	...	2	3	3	9	57	17	8	16	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	1	3	2
Puerperal Pyrexia	...	...	...	...	...	...	...	...	2	3	...	...
Puerperal Fever ...	...	...	...	...	...	...	...	...	1	...	...	...
Pneumonia ...	1	...	1	...	...	...	...	...	...	4	8	3
Cerebro-spinal Fever	...	...	...	...	...	...	...	...	...	1	...	...
Encephalitis Lethargica...	...	...	...	...	...	...	...	...	2	...	...	...
Ophthalmia Neonatorum	1	..	...	...	...	...	...	...	..	...	...	...

Cancer

75 deaths occurred during the year under the following age groups:—

	25—35	35—45	45—55	55—65	65 & upwards	Total
Males	1	1	2	10	18	32
Females	2	2	4	18	17	43

Ophthalmia Neonatorum

One case occurred during the year.

Provision is made for the treatment of cases of Ophthalmia Neonatorum in the Isolation Hospital.

Tuberculosis

The following table states the new cases of tuberculosis and the deaths which occurred during the year.

Age Periods.	Cases				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0	...	...	...	...	...	...	...	...
1	...	...	...	1	...	...	...	...
5	...	...	1	1	...	1	...	1
15	5	5	2	1	3	...	1	...
25	2	4	...	...	...	4	...	...
35	3	5	2	...	2	2	2	...
45	3	...	...	...	5	2	...	1
55	...	3	1	1	...	1	...	...
65 and upwards	1	...	...	...	1	2	...	1
Total	14	17	6	4	11	12	3	3

Of the 41 cases of tuberculosis, 3 died before notification.

Other Diseases

The annual number of deaths from other diseases or groups of diseases which are important causes of deaths are shown below:—

Influenza	...	...	18	24	22	40	20	23	12	41	
Heart Disease			}	154	154	175	156	130	191	206	214
Arterio Sclerosis	...										
Cerebral Haemorrhage											
Pneumonia	...		}	50	36	37	44	89	60	33	43
Bronchitis											
Tuberculosis of Lung				28	32	22	18	18	21	22	23

Isolation Hospital

The following table shows the number of cases treated at this Institution during the year.

	Scarlet Fever	Diphtheria & Membranous Croup	Puerperal Fever	Puerperal Pyrexia	Pulmonary Tuberculosis	Erysipelas	Ophthalmia Neonatorum	Cerebro-spinal Fever	Pneumonia	Others	Total
Remaining in Hospital at the end of 1936 ...	2	33	—	—	—	—	—	—	—	1	36
Admitted during 1937...	61	109	5	1	4	2	1	2	1	7	193
Total ...	63	142	5	1	4	2	1	2	1	8	229
Discharged during 1937	47	123	3	1	1	2	1	—	—	8	186
Died during 1937 ...	—	7	—	—	1	—	—	2	1	—	11
Remaining in Hospital at end of 1937 ...	16	12	2	—	2	—	—	—	—	—	32

The average duration of stay in hospital for the various conditions was:—

Scarlet Fever	... ..	29.5 days
Diphtheria	... ..	36.7 „
Erysipelas	... ..	11.0 „
Puerperal Fever	... ..	13.0 „
Pulmonary Tuberculosis	... ..	135.0 „

Cases of Puerperal Pyrexia are also admitted from the surrounding area.

Disinfection

Houses and bedding are disinfected upon request after scarlet fever and diphtheria cases. The number so disinfected during the year was 129. Houses are also disinfected after other conditions at the owner's or occupier's expense and during the year 7 houses were so disinfected.

In 2 instances school departments were disinfected.

During the year the following articles were destroyed at the Owner's request.

Mattresses—4, Beds—5, Bolsters—3, Pillows—7.

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