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# **Annual Report**

of the

## **Medical Officer of Health**


for the

### **Year ending December 31st, 1909.**

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# ANNUAL REPORT.

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To the Chairman and Members of the Hinckley Urban  
District Council.

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Gentlemen,

I have again the pleasure of submitting to you my Annual Report in respect to the Health and Sanitary Condition of the Hinckley Urban District for the year ending Dec. 31st, 1909.

I shall follow the usual custom of these reports by giving a short summary of the Vital Statistics of Births and Deaths occurring in the District during the year, and supplementing the same by the following data:—

## VITAL STATISTICS.

Area of District .....	3,729 acres.
Rateable Value .....	About £42,000
Population (census 1901) .....	11,304
Average Population per Acre 1901 .....	3.03
No. of Houses inhabited (census 1901) ...	2,542
Average number per house, 1901 .....	4.4
Death Rate, 1909 .....	15.1
Average Death Rate for 10 previous years	14.6
Birth Rate, 1909 .....	27.6
Average Birth Rate for 10 previous years...	29.6
Infant Death Rate (under one year) per 1,000 births registered .....	146.2
Average ditto for 10 previous years .....	159.9
Zymotic Death Rate .....	1.8
Estimated Population at end of 1909 ...	12,100



## Population.

The estimated Population of the Hinckley Urban District has been fixed at 12,100 to the middle of the year, being 100 more than to the middle of the year 1908. All the calculations that follow have been based on this estimate.

All factories in the town continue to be tenanted, and two new workshops have been opened. It is pleasing to note that one new factory has been erected, and that two large factories have increased their premises to a large extent, and that plans for extensive additions to two others have been approved by the Council.

During the past year plans for 75 houses have been passed by the Council, and the majority erected. The demand for good cottages still continues, and at present I believe I am right in stating that there is no up-to-date cottage to let.

About five cases of overcrowding have been brought to my notice during the past year, and these were soon remedied. I am quite aware that there are other cases in the town, although not so bad as the ones above mentioned, but here again the difficulty arises from want of new cottages.

## Births.

The total number of Births registered in 1909 was 335. This was a decrease of six compared with 1908, and a decrease of 10 compared with 1907, the average number of births for the last 10 years being 344, so that the number falls nine short of that average. These births include six illegitimate males and three females.

I append the following tables for comparison :—

In 1897 there were 382 births.

„ 1898	„	„	391	„
„ 1899	„	„	361	„
„ 1900	„	„	359	„
„ 1901	„	„	331	„
„ 1902	„	„	342	„
„ 1903	„	„	354	„
„ 1904	„	„	326	„
„ 1905	„	„	367	„
„ 1906	„	„	321	„
„ 1907	„	„	345	„
„ 1908	„	„	341	„
„ 1909	„	„	335	„

Of these 335 births, 185 were males and 150 were females, giving an average birth rate of 27.6 per 1,000, as compared with 28.4 per 1,000 in 1908 and 28.7 per 1,000 in 1907. The average birth rate for the 10 preceding years was 29.6 per 1,000.

The number of births registered during each quarter of the year was as follows:—

1st Quarter,	49	Boys,	35	Girls.
2nd „	52	„	41	„
3rd „	47	„	40	„
4th „	37	„	34	„
	<hr/>		<hr/>	
	185		150	
	<hr/>			
	Total 335			

The natural increase, i.e., the increase of births over net deaths was 152.

The total number of Deaths in 1909 was 190. This is a decrease of one on the year 1908, but an increase of 31 on the year 1907. The average number of deaths for the 10 previous years was 179.8, or 15.4 per 1,000.

Deaths.

The following table will give you the mortality returns for the past 13 years:—

In 1897 there were 179 deaths.				
„ 1898	„	„	226	„
„ 1899	„	„	199	„
„ 1900	„	„	192	„
„ 1901	„	„	164	„
„ 1902	„	„	160	„
„ 1903	„	„	187	„
„ 1904	„	„	177	„
„ 1905	„	„	163	„
„ 1906	„	„	202	„
„ 1907	„	„	169	„
„ 1908	„	„	191	„
„ 1909	„	„	190	„

Of these 190 deaths there were 106 males and 84 females, giving an average death rate of 15.7 per 1,000, and this is inclusive of 25 deaths which took place at the Union Workhouse, and which if deducted would give an average of 13.6 per 1,000. In 1908 the average death rate was 15.9 per 1,000, and exclusive of the Workhouse 14.9 per 1,000. The average death rate for the 10 previous years was 15.4 per 1,000.



There were nine deaths at the Workhouse of non-residents in the district, and one death of a non-resident at the Cottage Hospital. There were three deaths of Hinckley residents registered in a public institution beyond this district, namely, at the County Asylum. Allowing for these deductions and additions the net number of deaths at all ages belonging to the district was 183, giving an average death rate of 15.1 per 1,000, as compared with 184, giving an average of 15.3 per 1,000 in 1908, or 171.6 deaths, giving an average of 14.6 for the five preceding years.

The actual number of deaths returned for each month was as follows, and I give side by side with them the figures for the nine previous years:—

	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900
Jan. ....	22	15	12	24	20	16	27	18	11	22
Feb. ....	24	19	12	15	18	17	16	16	16	24
Mar. ....	33	22	17	15	15	12	8	13	11	22
April ....	20	23	17	16	6	13	12	15	15	15
May ....	6	15	11	16	14	13	14	10	23	11
June ....	17	6	14	16	8	7	16	9	13	13
July ....	7	4	8	9	8	9	10	8	12	11
Aug. ....	13	15	10	19	11	12	10	13	13	19
Sept. ....	11	24	15	27	18	16	16	16	10	20
Oct. ....	4	16	19	12	10	15	27	11	11	12
Nov. ....	19	13	18	18	23	17	15	18	17	17
Dec. ....	14	19	16	15	12	30	16	13	12	6
Totals	190	191	169	202	163	177	187	160	164	192

The first three months of the year gave the highest number of deaths registered, whereas October and May the least number of deaths.

During the weeks ending January 30th, July 17th, August 14th, October 23rd, and December 18th, there were no deaths registered.

The number of deaths under one year of age was 49. This gives an infant mortality of 146.2 per 1,000 births registered, as compared with 63, giving an infant mortality of 184.7 per 1,000 births in 1908. The average number of deaths under one year of age for the 10 previous years was 54.9, giving an infant mortality of 159.9 per 1,000 births registered.

The following table gives the ages at which death took place in 1909:—

Under 1 year of age .....	49
1 year and under 5 years .....	28
5 years and under 15 years .....	7
15 years and under 25 years .....	7
25 years and under 65 years .....	42
65 years and upwards .....	57

—  
Total 190

One has to report a large increase in the number of deaths that took place at the Union Workhouse during 1909. There were 25 deaths registered, as compared with 12 in 1908, and 22 in 1907. Of these 25 deaths 18 were males and seven were females. The oldest death registered was 87, and the youngest 14, giving an average age at which death took place at 70.8, as compared with 72.1 in 1908 and 68 in 1907.

Of the 25 deaths 16 belonged to the Hinckley district, and nine were deaths of persons outside the Urban District, according to the returns supplied to me each week by the Registrar.

Of those outside the district four belonged to Barwell, one Stoke Golding, one Burbage, one Sapcote, one Earl Shilton, and one Sharnford. The ages at which death took place in those resident at the Workhouse were as follows: 87, 80, 70, 84, 66, 80, 52, 76, 82, 57, 77, 73, 73, 14, 72, 67, 70, 76, 76, 76, 78, 65, 81, 75, 64.

This excellent institution still continues to fulfil all that is desired for the town and district. The average number of beds in occupation all the year round being 10. During the year 1909 there were three deaths as compared with seven deaths in 1908, and six deaths in 1907. Of these three deaths one was a male and two were females. One of these deaths was of a resident who did not belong to the district and two were of Hinckley residents.

Cottage  
Hospital.



Infectious  
Disease.

During the year 1909 there were 70 cases reported under the Infectious Diseases Notification Act, as compared with 72 cases notified in 1908 and 142 cases notified in 1907. Of those notified two were due to Diphtheria, 24 Erysipelas, 34 Scarlet Fever, 5 Enteric Fever, and 5 Phthisis.

Below you will find the list for the last 13 years:—

In 1897 there were 114 cases notified.

„ 1898	„	„	71	„	„
„ 1899	„	„	45	„	„
„ 1900	„	„	40	„	„
„ 1901	„	„	27	„	„
„ 1902	„	„	104	„	„
„ 1903	„	„	69	„	„
„ 1904	„	„	50	„	„
„ 1905	„	„	143	„	„
„ 1906	„	„	127	„	„
„ 1907	„	„	142	„	„
„ 1908	„	„	72	„	„
„ 1909	„	„	70	„	„

The Local Government Board require the compulsory notification of Consumption occurring amongst Poor Law patients by the Poor Law Medical Officers to the different Sanitary Authorities and this will be referred to later.

## Small pox

I am glad to report that there was no Small Pox in the district during the past year. This makes four years since we have had a single case reported.

Scarlet  
Fever.

There were 34 cases of Scarlet Fever reported during the year 1909, as compared with 41 cases in 1908, and 59 cases in 1907. Of these 34 cases 28 were immediately removed to the Hinckley Isolation Hospital, whereas six cases were isolated at home. There were no deaths, and as there were no deaths in 1908 it shows that the disease was not very virulent. In one case there was no doubt that infection had been conveyed from outside the district, and in one instance five cases took place in one house.

## Measles

We were congratulating ourselves last year in only having a very few cases of measles compared with 1907, but to conform to the usual law of alternate years we have had our full share during the year 1909. The disease was very prevalent



throughout the whole district in February, March and April, so much so that it was deemed necessary to close the Infant Departments of all the Schools in the town from March 4th to April 8th, and in continuation of this the Easter holidays lasted from April 9th to April 19th. There were 12 deaths due to this disease, two of which were of children under one year, and nine of children between one and five years.

There were two cases notified in 1909, as against none in 1908. One of these cases was fatal. Both were treated at home. The County Council still continue to provide free bacteriological examinations for suspicious cases of diphtheria. Diphtheria.

There were 24 cases of Erysipelas notified in 1909, the same number as in 1908. There were no deaths. Erysipelas.

There were five cases notified in 1909, the same number as in 1908. Enteric Fever.

Insanitary conditions were found in two cases and quickly remedied; one case at the Workhouse was no doubt imported, but the man on admission was so ill that he could give no history, and he ultimately died. Besides this there was one other death.

The prevalence of Whooping Cough in the last quarter of 1908 was continued to the first quarter of 1909. There were four deaths as against eight in 1908. Two of these deaths were of children under one, and two of children between one and five years of age. Pertussis.

There was one death due to Diarrhoea in the past year, as against four in 1908, and four deaths due to Enteritis, as against seven deaths in 1908. Of these five deaths four were of children under one year old. Diarrhoea & Enteritis.

There were 12 deaths due to Phthisis in 1909, as compared with 13 deaths in 1908, giving an average rate of one death out of every 15.8, as against one death out of every 15 in 1908. The Sanitary Inspector makes a point of carrying out the usual cleansing and disinfecting of all rooms that have been occupied by patients suffering from this complaint. Phthisis.

There were five cases notified to the Council under the Poor Law, four of these cases being at the Workhouse, one of which died.



**Cancer and Malignant Disease.** There were 15 deaths due to the various forms of Cancer in 1909, as against six deaths in 1908, giving one death out of every 12.

**Chest Diseases.** There were 21 deaths attributable to disease of the Respiratory Organs (excluding Consumption) in 1909, as compared with 15 deaths in 1908.

Of these 21 deaths 16 were due to Bronchitis and five were due to Pneumonia.

**Premature Births.** There were four deaths, as compared with 11 in 1908, and four deaths in 1907.

**Heart Disease.** This disease accounted for 12 deaths, as compared with 13 deaths in 1908, and 15 deaths in 1907.

**Accidents & Suicides** There were four deaths from Accidents, and one due to Suicide, as compared with seven deaths due to accidents and one due to suicide in 1908.

**Inquests.** There were eight enquiries made as to the cause of death during the past year, as compared with 11 in 1908.

**Isolation Hospital.** The Joint Hospital for the Hinckley Urban and Hinckley Rural Districts, still takes in Scarlet Fever and Diphtheria patients. During the year 1909 there were 43 cases of Scarlet Fever received and treated at this institution, as against 42 cases in 1908. Twenty-eight cases were sent from the Hinckley Urban District, and 15 from outside the district. There were no deaths. Four cases of diphtheria were received during 1909, as compared with nine cases in 1908. None of these were sent from the Hinckley Urban District. There wasn't a death, as compared with one death in 1908.

The new administrative block has been a boon and comfort to the Nursing Staff. It is a great pity that the wards for the isolation of patients are not in keeping with the same, but I trust the combined Councils will see their way to build new buildings quickly.

**Water Supply.** The Water Supply still continues good, and the only complaints received are as to its hardness. The scheme for obtaining an additional supply of water at Snarestone, I am informed, is practically completed, and the Council are to be



congratulated in obtaining such a good supply of water. The total yield of both shafts is at present about 700,000 gallons per day, and this is estimated to give a permanent supply of about 540,000 gallons at the end of 20 years. It will therefore be seen that the town will be amply provided for water for many years to come, as the maximum day's consumption last year was 250,000 gallons.

Complaints still arise from the openings in the manhole covers over the sewers in various parts, and I advise the Council to consider the question of erecting Ventilating Columns at an early date. I note that the Council have decided to lay a new sewer in Factory Road, in consequence of the existing sewer being faulty, and consequently very frequently blocked and causing flooding of cellars. The main outfall sewer in Rugby Road became again blocked, and the relaying of this sewer must soon receive the consideration of the Council.

Sewer

With regard to the sanitary condition of your district, I might say that the town has been periodically systematically inspected during the past year. The chief causes of complaint have again been blocked water-closets, and these in many cases due to the misuse and neglect by the tenants of the property. I believe the tenants can be prosecuted, and it would be as well to take one or two cases into Court as a warning to offenders.

Sanitary  
Conditions.

The work of conversion of privies and pan closets into water closets still continues, and during the past year four privies and 25 pans were converted. A very few pan closets now remain.

An inspection of all the houses in the Fox Yard, White Lion Yard, Blue Bell Yard, and Green's Yard, was made during the past year, and notices were served on the owners to thoroughly cleanse and repair the interior, and these were complied with. It is the intention of the Surveyor and myself to continue this inspection in other similar yards in the town, and reports of the same will be duly presented.

At the Sewage Farm the additional tanks and pumping plant have been completed, and an arrangement has been effected by which the effluent having passed through the tanks and high level portion of the farm, can be treated again on the low level portion, thus obtaining second filtration. This has greatly improved the quality of the effluent.



Another 11 acres have been underdrained on the High Level portion, and I am informed that this is to be extended at the commencement of the year. Such improvements must necessarily improve the land and the effluent.

A new agreement has been entered into with Messrs. Hawley and Co., for the treatment of the dye waste from the Sketchley Dye Works, and under this agreement a new 15-in. pipe has been laid direct from the Dye Works to the Sewage Works, thus enabling the dye waste to be treated separately. Under the old conditions the dye waste was mixed with the town sewage. It is to be hoped that under this new method a much-improved effluent will be obtained.

The roads and streets continue to be well scavenged and cleared, and one frequently hears congratulatory remarks in this direction from visitors to the town. A pleasing feature during the past year was the daily removal of all horse manure from the streets, a matter which I called attention to in my report of 1908.

All notifiable diseases were visited, and in cases where nuisances were found on the premises, these were instantly put right.

Necessary instructions have been given in regard to isolation in those cases not removed to the Isolation Hospital.

All infected houses have been disinfected by the Council, and disinfectants supplied.

#### Factories.

Your surveyor and myself have made periodical visits to the Factories and Workshops in the town. At six factories we found insufficient closet accommodation, and notices were served and the work has been carried out.

#### Bakehouses.

The number of Bakehouses is the same as last year, namely 16. These have been periodically inspected, and except for limewashing in two or three instances, everything was found in order. There are no underground bakehouses in your district.

The number of Factories on the Register at the end of 1909 was 36, and the number of Workshops and Workplaces 50.



I have again to report that the whole of the Dairies in the town have been inspected by myself and your Surveyor, and on the whole found satisfactory. We would again emphasise the necessity of frequent lime-washing, thorough ventilation, and regular cleansing out, and that no food or articles but milk be kept in one department, and that milk should be stored in properly covered utensils.

Dairies, Cow  
Sheds and  
Milk Shops.

In the case of cowsheds some work still remains to be done as regards paving and draining.

There are no registered Lodging Houses in the district now, but I believe there are at present two premises in the town which although not registered practically carry on this business nightly.

Lodging  
Houses.

One can only wish that some enterprising persons would erect a common lodging house on up-to-date principles, which could then be properly licensed.

These have been frequently inspected by your Surveyor and myself, and have generally been found all right. In one or two instances the occupier's attention had to be called to the more frequent removal of manure, and this has had the necessary effect. With regard to the inspection of meat, the Sanitary Inspector and myself keep a careful observation of the meat for sale, especially that brought into the town on market days from other towns. It is pleasing to state that for several years it has not been found necessary to seize or condemn any meat. There are eight slaughtering houses in the district, but no special visits have been made in the past at times of slaughtering.

Slaughter  
Houses.

The Sanitary Inspector has no special certificate for meat inspection, but he holds all certificates in Sanitary Science issued by the Sanitary Institute, Municipal and County Engineers Association, etc.

The Hinckley Urban District, as stated last year, decided not to adopt the Act, as it was ascertained that the Leicestershire County Council had decided to do so for the County.

Notifica tion  
of Births  
Acts.

No notices have yet been served or work done under Sections 39-42 of Part III. of the Public Health Acts Amendment Act, 1907. It has been found from experience that owners



convert privies and pans into water closets in the town by persuasion very well indeed. No fewer than 34 privies and 109 pan closets have been converted into water closets during the past five years. This necessitates the nightsoil men only working on an average three nights per fortnight, instead of every night as was the case seven years ago. The number of pan closets and privies existing are therefore very few. No closets but water closets are now allowed to be erected.

No action has so far been taken by the Local Authority in having dairy cows in the district examined by the appointment of Veterinary Surgeons.

House  
Refuse.

The Council are to be congratulated in providing one dust van with cover to same, which prevents the refuse and paper blowing about in the streets. I trust additional ones will be purchased during the coming year.

Public  
Baths.

These have now been erected, and appear to be very good and commodious buildings, and it is to be hoped that the public will appreciate them by frequently making use of the same.

I append the usual tables as required by the Local Government Board, and beg to remain, gentlemen,

Your obedient servant,

ARTHUR W. JENKINS,

M.B., B.S., L.R.C.P.Lond.,

M.R.C.S.Eng.,

Medical Officer of Health.

January, 1910.  
Hinckley.

TABLE I.

**HINCKLEY URBAN DISTRICT.**

YEAR.	Population estimated to middle of each year.	Births.		Total Deaths registered in the District.				Total Deaths in the Work-house and Cottage Hos-pital.	Deaths of Non-Resid'ts regist'd in the Work-house and Cottage Hos-pital.	Deaths of Resid'ts regist'd in the Infirmary and Asylum	Nett deaths at all ages belonging to the district.	
				Under 1 year of age.		At all Ages.						
		No.	Rate per 1000.	No.	Rate per 1,000 Births reg'd	No.	Rate per 1,000.				No.	Rate per 1,000.
1899	12000	361	30·08	58	160·6	193	16	12				
1900	12000	359	29·9	63	175·4	192	16	19				
1901	11300	331	29·2	46	138·9	164	14·5	22				
1902	11300	342	30·26	50	146·1	160	14·1	13				
1903	11300	354	31·3	57	146·8	187	16·5	23	15			
1904	11000	326	29·6	56	171·8	177	16	15	7		170	15·4
1905	11500	367	31·9	52	141·6	163	14	22	10		153	13·3
1906	12000	321	26·7	62	193·1	202	16·8	27	12		190	15·8
1907	12000	345	28·7	48	139·8	169	14·08	28	9	1	161	13·4
1908	12000	341	28·4	63	184·7	191	15·9	19	9	2	184	15·3
Averages for years 1899 to 1908.	11640	344	29·6	54·9	159·9	179·8	15·4	20	10·3	—	171·6	14·6
1909	12100	335	27·6	49	146·2	190	15·7	28	10	3	183	15·1

I.	II.	III.
Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions the deaths in which have been distributed among the several localities in the District.
Hinckley Workhouse Infirmary.  Hinckley Cottage Hospital.	Hinckley Isolation Hospital for Scarlet Fever and Diphtheria. Snareston Isolation Hospital for Smallpox.	Leicester Infirmary.  Leicester County Asylum.

Area of District in acres (exclusive of area covered by water), 3,729 acres. Total population at all ages, 11,304 at Census of 1901. Number of inhabited houses, 2,542, at Census of 1901. Average number of persons per house, 4·4, at Census of 1901.



TABLE II.  
**HINCKLEY URBAN DISTRICT.**

YEAR.	WHOLE DISTRICT.				UNION WORKHOUSE.				COTTAGE HOSPITAL.			
	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1899	12000	361	193	58	89	3	12		6			
1900	12000	359	192	63	84	5	19		6			
1901	11300	331	164	46	80	2	18		8			
1902	11300	342	160	50	82	2	11		8		4	
1903	11300	354	187	51	79	3	17	1	9		6	
1904	11000	326	177	56	86	2	10	1	10		5	
1905	11500	367	163	52	84	3	15		10		7	
1906	12000	321	202	62	95		15		11		12	
1907	12000	345	169	48	96	2	22		10		6	
1908	12000	341	191	63	95	2	12		10		7	1
Averages of years 1899 to 1908	11640	344	179.8	54.9	87	2.4	15.1		8.8		6.7	
1909	12100	335	190	49	100	2	25		10		3	



TABLE III.

**Cases of Infectious Disease notified in 1909.**

NOTIFIABLE DISEASE.	CASES NOTIEIED IN WHOLE DISTRICT.							No. of Cases re- moved to Hinckley Isolation Hospital
	At all Ages.	At Ages—Years.						
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and Up- wards	
Small-pox ...								
Cholera ...								
Diphtheria (includ- ing Membranous Croup) ...	2		1	1				
Erysipelas ...	24				2	15	7	
Scarlet Fever ...	34	1	8	20	4	1		28
Typhus Fever ...								
Enteric Fever ...	5		1	3		1		
Relapsing Fever ...								
Continued Fever...								
Puerperal Fever ...								
Plague ...								
Phthisis...	5			2	1	2		
Totals ...	70	1	10	26	7	19	7	28

Hinckley Isolation Hospital, in Barwell Parish,  $1\frac{1}{2}$  miles from Hinckley, for the Hinckley Urban and Rural Districts.

Total available beds, 24. Number of Diseases that can be concurrently treated, 2.

TABLE IV.

**CAUSES OF, AND AGES AT, DEATH DURING 1909**

CAUSES OF DEATH,	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the district.							Deaths at all ages of "Residents" belonging to Localities, in or beyond the District		Total Deaths whether Residents or Non-Residents in Public Institutions,
	All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upw'ds	Work-house.	Cottnge Hos-pital.	
Small pox .. ..										
Measles .. ..	12	2	9	1						
Scarlet Fever .. ..										
Whooping Cough ..	4	2	2							
Diphtheria, including Membranous croup	1			1						
Croup .. ..	1		1							
Fever { Typhus .. ..										
{ Enteric .. ..	2				1	1		1		1
{ Other cont'd										
Epidemic Influenza	2						2	2		2
Cholera .. ..										
Plague .. ..										
Diarrhœa .. ..	1	1								
Enteritis .. ..	4	3	1							
Gastritis .. ..										
Puerperal Fever ..										
Erysipelas .. ..										
Phthisis (Pulmonary Tuberculosis ..	12			1	4	6	1	1		1
Other tuberculous diseases .. ..	1					1				
Cancer, malignant disease .. ..	15					7	8	5		5
Bronchitis .. ..	16	7	3			2	4			
Pneumonia .. ..	5	1	3			1				
Pleurisy .. ..										
Other diseases of respiratory organs										
Alcoholism .. ..										
Cirrhosis of Liver ..										
Venereal diseases ..										
Premature Birth ..	5	5								
Diseases & accidents of parturition ..	1					1				
Heart diseases .. ..	12			1	1	6	4	2		2
Accidents .. ..	4	1	2			1			1	1
Suicides .. ..	1						1			
Acute Rheumatism ..	1					1				
All other causes ..	90	27	7	3	1	15	37	14	2	16
All causes .. ..	109	49	28	7	7	42	57	25	3	28



## Infant Mortality during 1909

CAUSE OF DEATH,		Under 1 Week	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.	
All causes		Certified and Uncertified																	49
Common Infectious Diseases.	Small-pox	..	..																
	Chicken-pox	..	..																
	Measles	..	..										I	I				2	
	Scarlet Fever	..	..																
	Diphtheria (including Membranous Croup)	..	..																
	Whooping Cough	..	..				I									I		2	
Diarrhoeal Diseases.	Diarrhoea, all forms	..	..												I			I	
	Enteritis, Muco-enteritis, Gastro-enteritis	..	..																
	Gastritis, Gastro-intestinal Catarrh	..	..					I		I	I							3	
	Premature Birth	..	4	I		5												5	
Wasting Diseases	Congenital Defects	..	2			2												2	
	Injury at Birth	..	..																
	Want of Breast-milk, Starvation	..	..																
Tuberculous Diseases.	Atrophy, Debility, Marasmus	5	2			7	2	I	I	I	2	I		I				16	
	Tuberculous Meningitis	..	..																
	Tuberculous Peritonitis: Tabes Mesenterica (Other Tuberculous Diseases)	..	..								I		I					2	
Other Causes.	Erysipelas	..	..																
	Syphilis	..	..																
	Rickets	..	..																
	Meningitis (not Tuberculous)	..	..																
	Convulsions	..	..	I	I	2				2	I			I				6	
	Bronchitis	..	..				3		I		I		I	I				7	
	Laryngitis	..	..																
	Pneumonia	..	..												I			I	
	Suffocation, overlying	..	..					I										I	
	Other Causes	..	..					I										I	
	Total		..	11	3	2	16	6	3	2	2	6	4	2	3	4	I		49

Births in the Year—Legitimate, 326; Illegitimate, 9 Deaths in the Year of —Legitimate Infants, 49; Illegitimate Infants, 0. Deaths from all causes at all ages, 190.



# Factories, Workshops, Workplaces and Homework.

## 1.—Inspection.

Including Inspections made by Sanitary Inspector or Inspector of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories ... .. (Including Factory Laundries)	55	Six Notices in respect of insufficient closet accommodation were complied with. As regards other small matters the owner's attention was called to same and quickly remedied.	
Workshops ... .. (Including Workshop Laundries).	15		
Workplaces ... .. (Other than Outworker's premises included in Part 3 of this Report)			
Total .. ..	70		

## 2.—Defects found.

Particulars.	Number of Defects.			No. of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts :—</i>				
Want of Cleanliness ... ..	...	...	{ All Factories and Workshops are well ventilated and limewashed throughout once or twice a year.	
Want of Ventilation ... ..	...	...		
Overcrowding ... ..	...	...		
Want of Drainage of floors ...	...	...		
Other Nuisances ... ..	...	...		
Sanitary Accommodation.	{ Insufficient ... ..	...	{ Six Notices were served in respect of insufficient closet accommodation and were complied with.	
	{ Unsuitable or defective	...		
	{ Not separate for sexes	...		
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground Bakehouses (S. 101) ... ..	...	...	There are no underground Bakehouses.	
Breach of special sanitary requirements for bakehouses (S.S. 97 to 100) ... ..	...	...	{ All Bakehouses have been periodically inspected and found clean.	
Other Offences ... ..	...	...		

### 3.—Homework.

Nature of Work.	Outworkers' Lists, Section 107						Number of Inspections of Outworkers premises.	Outwork in unwholesome premises, Section, 108
	Lists received from Employers.		Number of Addresses of Outworkers received from other Councils.	Number of Addresses of Outworkers forwarded to other Councils.	Prosecutions.			
	Twice in the year.				Failing to keep or permit inspection of lists.	Failing to send lists		
	Lists.	Outworkers.						
Wearing Apparel :—								
(1) making, &c. . . . .	8	150	nil.	3			80	
	(average)							
(2) cleaning and washing								

### 4.—Registered Workshops.

					Number.
Workshops on the Register (S. 131) at the end of the year					
Important Classes of work- shops, such as workshop Bakehouses may be enu- merated here.	}	Factories .. .. .		36	
		Workshops & Workplaces		50	
		Bakehouses .. .. .		15	
Total .. .. .				102	
<p><b>5.—Other Matters.</b></p> <p>Matters notified to H.M. Inspectors of Factories :—</p> <p>Failure to offix Abstract of the Factory and Workshop Acts (S. 133) .. .. . Nil</p> <p>Action taken in matters re- ferred to H M. Inspector as remediable under the Public Health Acts, but not under the Factory &amp; Workshop Act (S. 5)</p> <p>Notified by H.M. Inspector Nil</p> <p>Reports (of action taken) sent to H.M. Inspector Nil</p> <p>Underground Bakehouses (S 161) :—</p> <p>Certificates granted during the year .. .. . Nil</p> <p>In use at the end of the year .. .. . Nil</p>					



## *Sanitary Inspector's Report.*

Complaints	...	...	No received.	
Premises, houses, etc	...	...	No. inspected	}
			Nuisances abated	
Pool, ditch, gutter, watercourse...			No. inspected	
			Nuisances abated	
Animals improperly kept	...	...	No. inspected	}
			Nuisances abated	

(No record is kept, the district being inspected daily, and the owners are then interviewed, and in all cases the matters requiring attention have been attended to immediately.)

Privy, urinal, cesspool, ashpit	...	No. inspected	...	36
		Nuisances abated	...	36
Drain, drain-traps, etc., etc.	...	No. inspected	...	28
		Nuisances abated	...	28
House, or part thereof, overcrowded		No. inspected	...	5
		Nuisances abated	...	5
Smoke Nuisances	...	..	Frequent observations have been made, and owners have attended to all complaints	
Offensive accumulations	..	No inspected	...	2
		Nuisances abated	..	2
Other insanitary conditions	...	No. inspected	...	Nil
		Nuisances abated	...	Nil
Lodging houses	..	No. registered	...	Nil
		No. of inspections	...	Nil
Slaughter houses	...	No. licensed or registered	9	
		No. of inspections	...	26
Offensive trades (sec. 112 P. Health Act, 1875)		No. established	...	1
		Inspected twice weekly		
Canal boats	...	No. registered	...	Nil
		Canal is frequently inspected		
		No. of infectious diseases on board	...	Nil
Public Health Act, 1875	...	No. houses condemned	2	
		No. closed	...	2
		No. cleaned & limewashed	Nil	
Housing of Working Classes Act, Part II.		No. houses condemned	2	
		No. closed	...	2
		No. made habitable	...	21
Food—seizures of unwholesome...		No. of	...	Nil
		Houses affected with	..	70
		Houses inspected	...	70
		No. of inspections	...	150
Infectious Diseases	...	Houses disinfected	..	51
		Schools	..	4
		Disinfectant used : Carbolic, Formalin, and Sulphur		

Privy Middens	..	}	New provided	...	Nil
			No. repaired		Nil
			No. converted to pails		Nil
			No. converted to W.C.'s		4
Pail or earth closets	..	}	New provided	...	Nil
			No. converted to W.C.'s		25
Water closets	..	}	New provided	...	
			To all new houses	...	
			No. supplied with water		All
Ashpits	...	}	New provided		Nil
			No. converted to ashbins		4
Ashbins	...	}	New provided	...	
			To all new houses	...	
Water supply	...	}	Samples taken for analysis		
			" condemned		
			Wells closed		
			Wells cleansed, repaired, etc.		
			Public supply substituted		
			for well		
			Cisterns cleansed, repaired, covered		
		}	Waste pipes disconnected		
			from drain		

(All old and new property is supplied from town water supply.)

#### FACTORY AND WORKSHOPS ACT, 1901.

Workshops	...	..	Number on register		
			(including bakehouses)		
					50
Bakehouses	..	..	Factories	...	36
			No. in which nuisances		
			abated	...	Nil
Home Work	..	..	No. on register	..	16
			No. in which nuisances		
			abated	..	Nil
Legal Proceedings, <i>i.e.</i> , Summons, etc.	...	..	No. of outworkers	..	150
			No. of infected houses		Nil
"	"	..	Convictions		
				...	Nil

(All factories, workshops and bakehouses are frequently inspected, and matters requiring attention are pointed out to the owners, who have readily complied with the same.)



# DAIRIES, COWSHEDS AND MILKSHOPS ORDERS.

Dairymen, Cow-keepers and Purveyors of Milk. (Milk Sellers)			No. in District ...	28
			No. registered ...	Nil
			No. of inspections of premises	2
			No. of inspections during milking time ...	Nil
			No. of premises requiring whitewashing, cleansing, &c. ...	2
			No. in which requirements of Sanitary Authority were carried out ...	2
			No. of premises requiring structural or sanitary improvements ...	2
			No. in which requirements of Sanitary Authority were carried out ...	2
			Have Regulations been adopted ?— No, but the Council have instructed the Sanitary Inspector to inspect periodically and report	
			The inspection of all cowhouses and farm buildings has not yet been completed.	
Dairymen, Cowkeepers and Purveyors of Milk Butter and Cheese Makers	Premises with Well Water Supply		No. in District ...	28
			(No Cheese makers)	
			No. of inspections of premises	2

**E. H. CRUMP, A.M.I.C.E.,**

SANITARY INSPECTOR.