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**ANNUAL REPORT**  
UPON THE  
**Public Health & Sanitary Condition**  
OF THE  
**Urban District of Linslade,**  
FOR THE YEAR  
**1913,**  
—BY—  
**C. M. L. COWPER,**  
M.R.C.S. L.R.C.P.,  
**Medical Officer of Health.**



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TO THE  
**Urban District Council**  
— OF —  
**Linslade.**

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GENTLEMEN,—

In submitting my Annual Report for the year 1913, I am indebted to the papers left by the late Dr. Durran, not being resident myself in the district at the time.

THE POPULATION,  
according to the 1911 census, was 2,262.

BIRTHS AND BIRTH RATE.

Forty-six births were registered during the year, an increase of eleven on the previous year. To this must be added one transferable birth, making the Birth Rate 20.77.

DEATHS AND DEATH RATE.

Twenty-two deaths were registered in the District. To this must be added five deaths of residents not registered in the District. The total number for the year is therefore twenty-seven, giving a Death Rate of 11.93 per thousand.

INFANTILE MORTALITY.

Five deaths of Infants under one year of age were registered.

## ZYMOTIC DISEASES.

Six notifications were received, three Diphtheria, two Scarlet Fever, one Enteric, all being removed to Hospital except one case of Scarlet Fever, which was treated at home.

## CONSUMPTION.

Two notifications were received during the year.

One death occurred as the result of Tubercular Meningitis.

Of the total number of Deaths thirteen were over 65 years of age.

## METHODS OF DEALING WITH INFECTIOUS DISEASE.

Diseases notified under the Infectious Disease (Notification, Act) are isolated at home if this can safely be done. If not, they are removed to the Grove Isolation Hospital, which is jointly owned by the Wing Rural and Linslade Urban Districts. It is situated in the Wing District and will doubtless be reported upon by Dr. Stedman, Medical Officer of Health to the Wing Rural District, and Superintendent of the Hospital.

After recovery, or removal to Hospital, the infected premises are disinfected under the supervision of the Sanitary Inspector.

Formalin fumigation is used, and the floors cleansed with suitable disinfectants.

Personal effects and bedding are sent to the steam disinfector at Grove Hospital.

CHIEF OCCUPATION OF INHABITANTS AND INFLUENCE  
ON HEALTH.

The absence of unhealthy occupations doubtless contributes to the good health of the District, and makes it specially suitable for a Residential Town.

In addition to the ordinary occupations incidental to a Country Town in an agricultural district, a considerable number of men find regular employment at the London and North Western Railway Station, Morgan's Carriage and Motor Works, Yirrell's Builders' Yard and premises, a Printing Works, a Mill for the manufacture of feeding stuffs for cattle and premises for building and repairing Canal Boats.

## OFFENSIVE TRADES.

There are none.

## WATER SUPPLY

is good and abundant from a deep well pumped to the top of a hill of sufficient elevation above the Town level, and distributed by gravitation.

## SEWERAGE AND DRAINAGE.

The system is still working well and giving a good effluent. The improvement remarked upon in last year's Report of the retention of the Sewage Farm (formerly let to a Tenant) by the Council, and the treatment of a much larger quantity of the sewage by irrigation on the land, is still manifest in the improved effluent.

This is, of course, due to the fact that the filtration beds are not in such constant use, and are therefore more easily kept clean.

## POLLUTION OF RIVERS AND STREAMS.

No complaints were received during the year.

## HOUSE REFUSE.

is still let by contract, and deposited on the Council's land at the Sewage Pumping Station and buried. This method has worked satisfactorily so far, but should not be continued much longer, as the capacity of that limited piece of ground to conceal it will soon become exhausted.

A very useful and practical proposal to have a furnace for the destruction of the refuse is at present under the consideration of the Council, and I trust this method will be adopted.

## MILK SUPPLY, MILK SHOPS, DAIRIES AND COWSHEDS.

There is one milk shop, thoroughly clean, regularly inspected and in accordance with all the requirements of the Order.

There are two Cowsheds, well supplied with light, ventilation and floor drainage, and with plenty of cubic space per cow; also good drinking water for the cows.

There is one Dairy where butter is made and sold. It is clean, well kept and in good condition.

Much of the milk sold in the District comes from milk carts from Leighton Buzzard, and most of that is supplied by

Farms in the neighbouring Rural Districts, which are regularly inspected and reported upon by their respective District Sanitary Officials.

No action regarding unwholesome milk, tuberculous or otherwise, has been found necessary during the year.

The Linslade Council retains the services of a Veterinary Inspector for the District.

#### SLAUGHTER HOUSES.

There is now only one in the District, which is frequently inspected, regularly limewashed, and is in good condition with suitable arrangements for flushing purposes.

No unsound meat was found during the year.

#### BAKEHOUSES.

Only one, regularly inspected, limewashed, and in accordance with all the requirements of the order.

#### FACTORIES AND WORKSHOPS.

##### FOUR FACTORIES.

**Morgan's Carriage and Motor Works.**—A modern building, roomy, well lighted and ventilated—supplied with sufficient sanitary conveniences and equipped with automatically closing fire-proof doors.

**Brantom's Mills for Corn Crushing, manufacture of feeding stuffs for Cattle, etc.,** also in good condition with plenty of room, light and ventilation.

**Printing Works.**—An almost new building—first constructed for a Brewery, and altered and fitted up for its present purpose.

**Premises for Building and Repairing Canal Boats** situated beside the Canal and in good order.

**Twelve Workshops,** including the Bakehouse referred to—all being the ordinary trades of a small Town such as dressmaking, tailoring, forges, hand laundries, etc. No defects were found.

## OUTWORKERS.

No lists have been received, and there are probably none in the District.

## SCHOOLS

are three in number.

1. The new Boys' School. Lofty, well ventilated, and embodying the most modern ideas in school architecture.

2. The Stoke Road Council Girls' School—a good, roomy, well lighted and well ventilated Building in a good Sanitary Condition.

3. The Council Infants' School, until recently used for both girls and infants, but now used for infants only. For the smaller number of children the building is much better suited, and almost all the objections previously made to it are thus abolished.

## NUISANCES.

Six complaints were received, and 16 other cases were detected without complaint.

All 22 were abated by the persons responsible.

Seventy-eight houses were inspected during 1913, and 3 closing orders were made.

HOUSE ACCOMMODATION—ESPECIALLY WORKING CLASSES:  
ITS ADEQUACY AND FITNESS FOR HABITATION.

There is plenty of adequate accommodation, and a good many new houses suitable for the artisan and working classes have been built in recent years.

Most of the houses have plenty of open space and plots of garden and clean surroundings.

Strict supervision is exercised by the Council over the erection of new houses. All plans are submitted to them, and occupation is only permitted after the Council are satisfied that they conform to the Bye-laws, and have efficient sanitary arrangements.

I am, Gentlemen,

Your Obedient Servant,

**C. M. L. COWPER, M.R.C.S., L.R.C.P.,**

Medical Officer of Health.

TABLE I.

Vital Statistics of whole District during 1913 & previous years.

Year.	Population estimated to Middle of each Year.	BIRTHS.			Total Deaths Registered in the District.		TRANSFERABLE DEATHS.		Nett Deaths belonging to the District.			
		Uncor. No.	Nett.		Number.	Rate.	of Non-residents registered in the District.	of Resi-dents not registered in the District.	Under One Year of Age.		At all Ages.	
			Number.	Rate.					Number.	Rate per 1,000 Nett Births.		Number.
1	2	3	4	5	6	7	8	9	10	11	12	13
1907	2230	48	48	21'52	29	13		2	5	104'	31	13'90
1908	0223	52	52	23'32	26	11'66			5	96'15	26	11'66
1909	2230	41	41	18'38	23	10'31		1	3	73'17	24	10'76
1910	2230	55	55	24'66	35	15'69		2	1	18'18	37	16'59
1911	2262	45	45	19'89	29	12'82		3	8	177'78	32	14'15
1912	2262	35	35	15'47	24	10'61		2	3	85'71	26	11'06
1913	2262	46	46	20'33	22	9'32		5	5		27	11'93

Area of District in acres }  
 (land and inland } 1693.  
 water) }  
 Total population at all ages } 2262  
 Number of inhabited houses } 560  
 Average number of persons per house } 4  
 At Census of 1911.

TABLE II.

Cases of Infectious Diseases notified during the year 1913.

Notifiable Disease	Number of Cases Notified.						Total cases removed to Hospital.
	At all Ages.	At Ages—Years.					
		Under 1.	1 to 5	5 to 15	15 to 25	25 to 45	
Small-pox .....	...	...	...	...	...	...	...
Cholera .....	...	...	...	...	...	...	...
Plague.....	...	...	...	...	...	...	...
Diphtheria (including Membranous croup)	...	...	...	1	2	...	3
Erysipelas .....	...	...	...	...	...	...	...
Scarlet Fever.....	...	...	...	2	...	...	2
Typhus Fever.....	...	...	...	...	...	...	...
Enteric Fever .....	...	...	...	1	...	...	1
Relapsing Fever ...	...	...	...	...	...	...	...
Continued Fever ...	...	...	...	...	...	...	...
Puerperal Fever ...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis .....	...	...	...	...	...	...	...
Poliomyelitis.....	...	...	...	...	...	...	...
Pulmonary Tuberculosis .....	...	...	...	...	...	...	...
<b>Totals .....</b>	...	...	...	<b>4</b>	<b>2</b>	...	<b>6</b>

Grove Isolation Hospital, Grove.

Total available beds, 20.

Number of Diseases that can be concurrently treated, 3.

TABLE III.

LINSLADE URBAN DISTRICT.—Causes of, and Ages at Death during the year 1913.

Causes of Death.	Nett Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District						
	All Ages.	Under 1 Year.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards
All causes } Certified } Uncert.	27	5	1	1	1	6	13
Enteric Fever							
Smallpox							
Measles							
Scarlet Fever							
Whooping Cough							
Diphtheria and Croup							
Influenza							
Erysipelas							
Phthisis (Pulmonary Tuberculosis)							
Tuberculous Meningitis	1		1				
Other Tuberculous Diseases							
Cancer, malignant disease	3				1	1	1
Organic Heart Dis.	4					1	3
Bronchitis	2					1	1
Pneumonia (all forms)	1					1	
Other diseases of Respiratory organs							
Diarrhoea and Enteritis	1	1					
Appendicitis and Typhlitis							
Alcoholism							
Nephritis & Bright's Disease							
Other accidents and diseases of Pregnancy and Parturition							
Congenital Debility, and Malformation including Premature Birth	4	4					
Suicides	1			1			
Other Defined Diseases	10					2	8
All causes	27	5	1	1	1	6	13

TABLE IV.

LINSLADE URBAN DISTRICT.—Infantile Mortality during the year 1912.  
 Nett Deaths from stated Cause at various ages under One Year of Age.

CAUSE OF DEATH	Under 1 week.	1-2 weeks.	3-4 weeks.	Total under 1 month.	1-3 months.	3-6 months.	6-9 months.	9-12 months	Total Deaths under One Year.
All Causes { Certified Uncertified	3	1		3	2				5
Small-pox ... ..									
Chicken-pox ... ..									
Measles ... ..									
Scarlet Fever ... ..									
Whooping Cough ... ..									
Diphtheria : Croup ... ..									
Erysipelas ... ..									
{ Tuberculous Meningitis Abdominal Tuberculosis Other Tuberculous Diseases									
Meningitis ( <i>not Tuberculous</i> )									
Convulsions ... ..	1			1					1
Laryngitis... ..									
Bronchitis ... ..									
Pneumonia (all forms) ... ..									
{ Diarrhoea ... .. Enteritis ... ..									
Gastritis ... ..					1				1
Syphilis ... ..									
Rickets ... ..									
Suffocation, overlying ... ..									
Injury at Birth ... ..									
Atelectasis ... ..									
{ Congenital Malformations Premature Birth ... .. Atrophy, Debility, and Marasmus ... ..	1			1	1				2
Other Causes ... ..		1		1					1
	2	1		3	2				5

Nett Births in one Year—Legitimate 45, Illegitimate 1.  
 Nett Deaths in the Year—Legitimate Infants, 5.

**FACTORIES, WORKSHOPS, WORKPLACES AND  
HOMEWORK.**

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INSPECTION.

Factories (including Factory Laundries)...	...	...	8
Workshops (including Workshop Laundries)	...	...	30
Total ...	...	...	38

**REGISTERED WORKSHOPS.**

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Workshops on the Register at the end of the year,  
including Bakehouses      ...      ...      ...      ...      12

**OTHER MATTERS.**

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Underground Bakehouses      ...      ...      ...      ...      nil.

**G. M. L. COWPER, M.R.C.S., L.R.C.P.**

Medical Officer of Health.