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ANNUAL REPORT  
OF THE  
MEDICAL OFFICER OF HEALTH  
AS TO THE  
SANITARY CONDITION OF THE URBAN DISTRICT  
OF BUNGAY,  
For the Year 1913.

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*To the Chairman and Members of the  
URBAN DISTRICT COUNCIL OF BUNGAY.*

GENTLEMEN,

I herewith present to you my report for the year, 1913. The Town of Bungay stands upon an accumulation of river gravels, which juts out into the marsh lands of the river Waveney, in the shape of a peninsula. The Town occupies the neck and shoulders of the peninsula, with Outney Common spreading away to the North to where the Waveney circles up to the foot of the Bath Hills, which

here form its Northern bank. The valley which spreads out to the East and West is frequently flooded after heavy rains.

The Town is ancient, and the ground upon which it stands has been occupied for centuries by a fairly dense population.

The Chaucer Press Printing Works gives employment to some 400 hands, otherwise the trade and industries of the Town are mainly connected with and supported by agriculture.

The population of Bungay for the year 1913 is estimated at 3369 persons.

**The Births** registered in 1913 were:—Males 29. Females 33. Total 62, giving a Birth-rate of 18·4 per thousand. This being a considerable decrease as compared with the Birth-rate of 22·9 the previous year.

Of Illegitimate children there was 1 birth registered.

**The Deaths** registered in 1913 were:—20 Males and 10 Females: Total 30—excluding the deaths of 11 residents who died outside this district, giving the low Death-rate of 8·9 per thousand. The rate for 1913 is slightly in excess of last year when the extremely low Death-rate of 6·8 per thousand was recorded. Of the deaths 7 were Infants under one year of age, giving an Infant Mortality Death-rate of 109·1 per thousand births, as compared with 38·7 per thousand the rate for last year, a very large percentage increase on the preceding year. It is satisfactory to note however, that of these 7 deaths, none were due to any of the Zymotic Diseases, whereas 3 of them were due to Premature Births. Of the remainder 7 were 80 years of age and over at the time of their death.

**Zymotic Disease.** The following cases were notified during the year:—

Diphtheria	...	...	3
Erysipelas	...	...	1
Scarlet Fever	...	...	5
Enteric Fever	...	...	1
Pulmonary Tuberculosis	...		6
Other forms of Tuberculosis			5
Varicella or Chicken Pox	...		2
			—
		Total	23
			—

The above list is a decrease of 6 as compared with the previous year.

**Diphtheria.** Three cases were notified during the year. An exhaustive investigation was made but failed to find the cause. All the cases occurred among the scholars in a private day school—the school premises were found to be in a thoroughly sanitary condition and the water on being tested bacteriologically, was found to be pure. No cause was found on visiting the homes of the children suffering from the disease.

**Scarlet Fever.** Of the five cases notified, two of them came from outside districts. The other three arose sporadically, one case occurring in January, another in June, and the third in December, and in none of them were any of the other inhabitants of the houses infected.

**Pulmonary Tuberculosis.** Six cases were notified during the year, three of which have ended fatally. The deaths from this disease were 6 in number, giving a Death-rate of 1·7 per thousand, a considerable increase as compared with ·29 and 1·1 per thousand the Death-rates from this disease in the years 1911 and 1910.

One death from **Cancer** occurred in the Town, the other 3 cases which appear in Table III. of the Appendix, being residents who died outside the district.

During January, the Roman Catholic Schools were closed for a short period on account of **Measles**. A few cases of Rötheln (German Measles) occurred in March.

The **Water Supply** of the Town is dependent on four public wells, as well as numerous private ones. The nature of the Water in the Town on the whole is bad, and should not be used for drinking purposes without previous boiling. During the year, at the request of the Local Government Board which was agreed to by this Council, I chemically analysed nine samples of water taken from different parts of the Town, of these, six were unfit for use for domestic purposes and three were suitable.

During the last year, whilst investigating the cause of origin of an infectious disease, I have had four samples of water bacteriologically analysed from different parts of the Town, three of these were found to be impure, containing a larger number of germs, chiefly the Bacillus Coli and Streptococci. The presence of these germs showing the water to be polluted and totally unfit for domestic use. During the latter half of the year the Council decided to get reports from two different firms of Engineers with a view to inaugurating a Water Supply for the Town. The reports from the two Engineers in detail is to be shortly received and considered.

The state of the water in the Town is such that it is an urgent necessity that a Scheme for a Public Water Supply should be adopted and put in hand as speedily as possible.

The **Drains** are kept in good working order and may be regarded as fairly satisfactory under the present system of dealing with the nightsoil.

There are 43 houses in the Town with their own water-closets. The earth closets are provided with tubs by the Sanitary Authority, which empties them weekly and cleanses them with disinfectant. A similar periodical removal of house refuse by the Sanitary Authority is desirable.

The **Cowsheds and Dairies** have been periodically inspected. There are 10 registered Cowkeepers in the Town and on an average 100 Cows kept. They were all clean and well kept, but many of the sheds are old, ill-adapted and dilapidated, and the Dairies small and inconvenient.

On my recommendation a sub-committee of your Council was appointed to visit two Cowsheds which were sadly deficient in light and ventilation. Your Council called on the Landlord to effect the necessary alterations, but I regret to state that matters have progressed no further and the two Cowsheds are in the same condition as they were when I brought the matter before your Council. I would suggest that when the Council makes an order, it should see this order is enforced.

The Factories, Workshops, Slaughter-houses, and Bakeries have been duly visited and inspected.

**Housing Accommodation.** Active work that had started during the previous year has been considerably retarded this year owing to the dearth of suitable houses, and until the Council builds dwellings, no active progress can be made.

In March, an enquiry was held by Mr. Ascough Chapman, Local Government Inspector, as to the necessity for new houses for the working class. This was conclusively proved to be a necessity and a scheme was put before him for the erection of 20 workmen's dwellings on a site near the Cemetery which the Council had on offer at advantageous terms. Unfortunately during the Autumn it was found that this site was not obtainable under the terms stated at the enquiry. The Council are now considering two other sites for the erection of suitable dwellings.

During the year the following work has been accomplished :

Dwelling-houses inspected under and for the purposes of Section 17 of the Act of 1909	160
Dwelling-houses which on inspection were considered to be in a state so dangerous or injurious to health as to be unfit for human habitation	5
Representations made to the Local Authority with a view to making closing orders	4
Closing Orders made (closing 5 houses)	4
Dwelling-houses, the defects in which were remedied without making closing orders	25
Dwelling-houses which after making of closing orders were put in a fit state for human habitation	3

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Chief defects found :—Dampness, Lack of Air and Ventilation.

One case of overcrowding has been dealt with during 1913.

The appended report by the Sanitary Inspector gives further information as to Drainage and House Accommodation.

I am, Gentlemen,

Yours faithfully,

ERNEST LEACH, M.D. (Oxon.)

*Medical Officer of Health.*





# REPORT

OF THE

## SANITARY INSPECTOR

*For the Year ending 31st December, 1913.*

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### BUNGAY URBAN DISTRICT.

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GENTLEMEN,

I have to report for the year ending 31st December, 1913, the following Sanitary and other work under the Housing and Town Planning Act, and submit the same as under :—

The number of complaints that have been sent me have been 5, mostly of a trivial character, but which nevertheless have been dealt with. That six notices were served to abate nuisances, which were complied with, together with two on whom no notice was served. In no case was it necessary to take proceedings.

Eighty-nine visits have been made to various premises : 3 Schools, 6 Slaughter-houses, 5 Bake-houses, &c. Workshops, Factories and Work-places, 14.

The Cowsheds, 10 in number, with 100 Cows, have received 18 visits.

The number of Houses disinfected after infectious diseases, under the direction of the Medical Officer of Health is 9, involving 15 visits.

It was found necessary to take proceedings to enforce the Council's order in a case of overcrowding, involving five persons, which has since been complied with.

The open Sewers have been cleansed and other drains cleared in 5 cases.

The removal of the night-soil continues to be carried out satisfactorily, the number of the apparatuses removed, washed and disinfected being 43,806. Eight new privies have been built.

Eight new Houses (six of them Workmen's dwellings) have been erected.

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#### THE HOUSING AND TOWN PLANNING ACT.

During the year ending 31st December, 1913, there have been inspected under the Housing Regulations in the Bungay Urban District, 160 houses and 764 rooms. The premises have been carefully examined, the rooms measured and particulars noted as to the general accommodation and condition.

There were

	5 cottages with 1 Bedroom.			
66	„	„	2	„
51	„	„	3	„
21	„	„	4	„
15	„	„	5 and upwards.	

The premises with one Bedroom was occupied by 8 adults and 4 children; 145 adults and 113 children occupied those with two Bedrooms; 129 adult and 76 children occupied houses with three Bedrooms, and 67 adults and 13 children occupied houses of 4 Bedrooms; 59 adults and 9 children in houses of 5 Bedrooms and upwards.

The majority of the cottages contain only two Bedrooms, and may be divided into two classes, those with flat ceilings and the others with ceilings partly or wholly in the roof. It cannot be deemed satisfactory that large families should be brought up under such conditions as must necessarily be the case with such a want of Bedroom accommodation. The advent of new cottages with additional accommodation is being anxiously looked for.

The inspection of the whole Town is now completed and the Council have the forms giving the particulars required which will enable them to proceed without delay to compel owners of cottage property in particular, to carry out such repairs as those contemplated in the Housing Acts now in force. The Committee have visited 31 houses during this year and 25 notices have been served on owners under Sec. 15 of the Housing Act, to execute certain repairs, and in the majority of cases the work has been carried out. Demolition Orders have been made in 11 cases.

I am, Gentlemen,

Your obedient servant,

J. O. REES,

*Inspector.*

## TABLES

Appended to Annual Report of the Medical Officer  
of Health for the year 1913.

**TABLE I.**—Vital Statistics of Whole District during 1913 and Previous Years.  
**BUNGAY URBAN DISTRICT.**

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.				
		Un-corrected Number.	Nett.	Number.	Rate.	of Non-residents not register'd in the District.	of Residents register'd in the District.	Under 1 Year of Age	At all Ages.			
			Number.	Rate.	Number.	Rate.		Number	Rate per 1,000 Births.	Number	Rate.	
1	2	3	4	5	6	7	8	9	10	11	12	13
(1908	7710	...	165	21.4	118	15.3	6	...	14	84.8	112	14.52
(1909	7680	...	166	21.6	106	13.8	12	2	10	60.2	96	12.5
1900	3300	...	79	23.9	35	10.6	...	3	5	63.3	38	11.5
1911	3359	69	74	22.02	39	11.4	...	10	7	94.5	49	14.5
1912	3360	75	77	22.9	23	6.8	...	14	3	38.7	37	11.01
1913	3369	62	64	18.9	30	8.9	...	11	7	109.1	41	12.1

Area of District in acres (land and inland water), 2,394.

Total population at all ages..... 3359  
 Number of inhabited houses ..... 826  
 Average number of persons per house 4 } At the Census 1911

**TABLE II.**—Cases of Infectious Disease notified during the Year 1913.  
**BUNGAY URBAN DISTRICT.**

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.							TOTAL CASES NOTIFIED IN EACH LOCALITY (e.g. Parish or Ward) of the District.							TOTAL CASES REMOVED TO HOSPITAL.			
	At all Ages.	At Ages—Years.						1	2	3	4	5	6	7				
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65									65 and upwards		
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera (C) Plague (P)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup)	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	1	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...
Scarlet fever ... ..	5	...	2	1	...	2	...	...	2	...	...	...	...	...	...	...	...	...
Typhus fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric fever ... ..	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Relapsing fever (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued fever (C) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis	6	...	2	1	2	1	...	...	2	1	...	...	...	...	...	...	...	...
Other forms of Tuberculosis	5	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Varicella ... ..	2	...	...	...	...	2	...	...	2	...	...	...	...	...	...	...	...	...
Totals ... ..	23	...	9	5	7½	2	...	...	7½	2	...	...	...	...	...	...	...	...

Isolation Hospital—Name and Situation } None

**TABLE III.**—Causes of, and Ages at Death during the Year 1913.

**BUNGAY URBAN DISTRICT.**

CAUSES OF DEATH.	NETT DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT.									TOTAL DEATHS WHETHER OF "RESIDENTS" OR "NON-RESIDENTS" IN INSTITUTIONS IN THE DISTRICT.
	All Ages.	Under 1 year	1 and under 2 years	2 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards	
1	2	3	4	5	6	7	8	9	10	11
All causes { Certified ...	41	3		1	2	3	4	10	14	
{ Uncertified										
Enteric fever ...	...	...	...	...	...	...	...	...	...	...
Small-pox ...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...
Scarlet fever ...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup...	...	...	...	...	...	...	...	...	...	...
Influenza ...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pulmonary Tuberculosis) ...	6	...	...	...	...	1	3	2	...	...
Tuberculous Meningitis ...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ...	1	...	...	...	...	...	...	...	1	...
Cancer, malignant disease ...	4	...	...	...	...	...	1	2	1	...
Rheumatic Fever ...	...	...	...	...	...	...	...	...	...	...
Meningitis ...	...	...	...	...	...	...	...	...	...	...
Organic Heart Disease ...	3	...	...	...	...	...	...	1	2	...
Bronchitis ...	5	2	...	...	...	...	...	...	3	...
Pneumonia (all forms) ...	1	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs ...	1	...	...	...	...	...	...	1	...	...
Diarrhœa and Enteritis ...	...	...	...	...	...	...	...	...	...	...
Appendicitis and Typhlitis ...	...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver ...	...	...	...	...	...	...	...	...	...	...
Alcoholism ...	...	...	...	...	...	...	...	...	...	...
Nephritis and Bright's Disease ...	7	...	...	...	...	...	...	4	3	...
Puerperal Fever ...	...	...	...	...	...	...	...	...	...	...
Other accidents and diseases of Pregnancy and Parturition ...	...	...	...	...	...	...	...	...	...	...
Congenital Debility and Malformation, including Premature Birth ...	3	3	...	...	...	...	...	...	...	...
Violent Deaths, excluding Suicide ...	...	...	...	...	...	...	...	...	...	...
Suicides ...	...	...	...	...	...	...	...	...	...	...
Other Defined Diseases ...	7	2	...	...	...	...	...	2	3	...
Diseases ill-defined or unknown ...	3	...	...	...	...	...	...	...	3	...
	41	7	...	...	...	1	4	13	16	...

## TABLE IV.—Infant Mortality.

### BUNGAY URBAN DISTRICT.

1913. Nett Deaths from stated causes at various Ages under 1 Year of Age.

CAUSE OF DEATH.	Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total Deaths under 1 year.
All causes { Certified ... { Uncertified										
( Small-pox         ... ..	...	...	...	...	...	...	...	...	...	...
Chicken-pox       ... ..	...	...	...	...	...	...	...	...	...	...
Measles             ... ..	...	...	...	...	...	...	...	...	...	...
Scarlet fever      ... ..	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...
Whooping-cough    ... ..	...	...	...	...	...	...	...	...	...	...
Erysipelas         ... ..	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...
Convulsions         ... ..	1	...	...	...	1	...	...	...	1	2
Laryngitis         ... ..	...	...	...	...	...	...	...	...	...	...
Bronchitis         ... ..	...	...	...	2	2	...	...	...	...	2
Pneumonia (all forms)	...	...	...	...	...	...	...	...	...	...
( Diarrhoea         ... ..	...	...	...	...	...	...	...	...	...	...
Enteritis           ... ..	...	...	...	...	...	...	...	...	...	...
Gastritis           ... ..	...	...	...	...	...	...	...	...	...	...
Syphilis            ... ..	...	...	...	...	...	...	...	...	...	...
Rickets             ... ..	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	...	...	...	...	...	...	...	...	...
Injury at birth    ... ..	...	...	...	...	...	...	...	...	...	...
Atelectasis         ... ..	...	...	...	...	...	...	...	...	...	...
( Congenital Malfor-	...	...	...	...	...	...	...	...	...	...
mations         ... ..	...	...	...	...	...	...	...	...	...	...
Premature birth    ... ..	3	...	...	...	3	...	...	...	...	3
Atrophy, Debility and Marasmus	...	...	...	...	...	...	...	...	...	...
Other causes       ... ..	...	...	...	...	...	...	...	...	...	...
Totals             ... ..	4	...	...	2	6	...	...	...	1	7

Nett Births in the year { legitimate 61  
                               { illegitimate 1    Nett Deaths in the year of { legitimate infants 7  
   { illegitimate infants -

ERNEST LEACH, M.D.,

February, 1914.

Medical Officer of Health.



# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

*For the Year 1913*

FOR THE

URBAN DISTRICT OF BUNGAY

*on the administration of the Factory and Workshop Act, 1901, in connection with*

FACTORIES, WORKSHOPS, AND WORKPLACES.

## 1.—Inspection of Factories, Workshops and Workplaces.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTOR OR INSPECTOR OF NUISANCES.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
<b>Factories</b> ... .. (Including Factory Laundries)	10	...	...
<b>Workshops</b> ... .. (Including Workshop Laundries)	16	...	...
<b>Workplaces</b> ... .. (Other than Outworkers' premises included in part 3 of this Report)	14	...	...
<b>Total</b> ... ..	40	...	...

2.—Defects found in Factories, Workshops and Workplaces.

Particulars. (5)	Number of Defects.			Number of Prosecutions. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness ... ..	Nil	Nil	Nil	Nil
Want of ventilation ... ..	"	"	"	"
Overcrowding ... ..	"	"	"	"
Total ... ..				

3.—Home Work—*NIL*.

4.—Registered Workshops—*NIL*.

5.—Other Matters—*NIL*.

ERNEST LEACH, M.D., Ch.B. (Oxon).

February, 1914.

Medical Officer of Health.

27. Debate found in history, words and  
words.

Number of words	Number of words	Number of words
10	10	10

28. Debate found in history, words and  
words.

29. Debate found in history, words and  
words.

30. Debate found in history, words and  
words.

31. Debate found in history, words and  
words.

32. Debate found in history, words and  
words.

33. Debate found in history, words and  
words.

34. Debate found in history, words and  
words.

35. Debate found in history, words and  
words.

36. Debate found in history, words and  
words.

37. Debate found in history, words and  
words.

38. Debate found in history, words and  
words.

39. Debate found in history, words and  
words.

40. Debate found in history, words and  
words.