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URBAN DISTRICT COUNCIL
OF
St. Annes-on-the-Sea.

Annual Report

BY
FREDK. BOOTH, M.D., C.M.,
Medical Officer of Health
FOR THE YEAR 1905.

ST. ANNES
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Annual Report

OF THE

Medical Officer of Health

FOR THE YEAR 1905.

*To the Chairman and Gentlemen of the Urban District Council of
St. Annes-on-the-Sea.*

GENTLEMEN,—

Again I submit to you, with great pleasure, my Sixteenth Annual Report, and in doing so bring before you figures showing that the Health of the District has been well maintained during the past year.

As in former years I have calculated the population by the number of inhabited houses in each of the four wards of the districts, counting the average per house that was found to exist at the last census. This is as follows:—

Ward.	Inhabited House.	Average per House.	Population.
North ...	320	5·0	1600
South ...	597	5·65	3373
East ...	597	5·0	2985
West ...	160	7·2	1152
Total...	1674		9110

This shows an increase during the year of 554, last year being 293.

The Births during the year were 139, as compared with 134 last year, of which 70 were males and 69 females, producing a rate of 15.2

The deaths numbered 100, eleven more than last year, of which 52 were males and 48 females. Of these 84 were residents and 16 visitors, this giving a rate of the former of 9.2 per 1,000, as compared with 8.7 last year.

The Births and Deaths per month were as follows :—

Month.	Births.			Deaths.
January	11	...	...	8
February	12	...	...	10
March	12	...	...	11
April	10	...	...	6
May	13	...	...	12
June	11	...	...	10
July	19	...	...	4
August	18	...	...	9
September	6	...	...	8
October	8	...	...	4
November	7	...	...	11
December	12	...	...	7
	—			—
Total	139			100

The causes of death were as follows :—

From diseases of the Nervous System ...	...	...	...	13
viz. Tubercular Meningitis ...	...	...	...	2
Cerebral Tumour...	...	...	...	1
Apoplexy ...	...	...	...	7
Paralysis ...	...	...	...	1
Epilepsy ...	...	...	...	1
Convulsions ...	...	...	...	1

From diseases of the Circulatory System	...	...	13
viz. Heart Disease	...	...	8
Angina Pectoris	...	...	1
Arteritis Sclerosis	...	...	1
Aortic Disease	...	...	1
Subclavian Embolism	...	...	1
Syncope	...	...	1
From diseases of the Respiratory System	...	...	23
viz. Pneumonia	...	...	11
Phthisis	...	...	9
Bronchitis	...	...	3
From diseases of the Digestive System...	...	...	10
viz. Hepatitis	...	...	2
Hepatic Cirrhosis	...	...	3
Gastro-Enteritis	...	...	1
Diarrhoea	...	...	1
Gastric Ulcer	...	...	1
Appendicitis	...	...	2
From diseases of the Urinary & Reproductive System...			6
viz. Bright's Disease	...	...	4
Pyo Nephritis	...	...	1
Uterine Fibroids	...	...	1
From Developmental Diseases	...	...	12
viz. Senile Decay	...	...	9
Prematurity	...	...	3

From Constitutional Diseases	...	...	...	...	10
viz. Carcinoma Intestinal	...	...	...	1	
„ Rectum	...	...	...	1	
„ Uterus	...	...	...	1	
Pernicious Anæmia	...	...	...	1	
Diabetes	...	...	...	2	
Richitis	...	...	...	2	
Cellutitis	...	...	...	1	
Rheumatoid Arthritis	...	...	...	1	
From Bone Diseases	...	...	...	...	1
viz. Necrosis of Spinal Column	...	...	...	1	
From Infectious Diseases...	...	...	...	...	4
viz. Influenza	...	...	...	2	
Measles	...	...	...	1	
Membranous Croup	...	...	...	1	
From Injuries	...	...	...	...	4
viz. Hanging, Suicidal	...	...	...	1	
Fall, Accidental	...	...	...	1	
Poisoning, Accidental	...	...	...	1	
Drowning, Accidental	...	...	...	1	
From causes not ascertained	...	...	...	...	4

It will thus be seen that 14 deaths occurred from Respiratory Diseases, not including Phthisis, giving a rate of 1·54, that of Phthisis being ·88.

The deaths from the seven principal zymotic diseases, viz., Small Pox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Fever, and Diarrhœa, were two in number, one from Measles and the other from Diarrhœa, giving a rate of ·22 per 1,000.

The cases of Infectious Diseases notified during the year under the Compulsory Notification Act, to which Measles this year has for the first time been added, were 71 in number, and as follows:—

Month.	D'pt'ia.	Membr'ous Scarlet				Measles.	Typhoid.	Tl.			
		Croup.	Fever.								
January	0	...	0	...	0	...	3	...	1	...	4
February	0	...	0	...	0	...	7	...	1	...	8
March	0	...	0	...	1	...	25	...	0	...	26
April	0	...	1	...	0	...	5	...	0	...	6
May	0	...	0	...	1	...	5	...	1	...	7
June	0	...	0	...	1	...	4	...	0	...	5
July	0	...	0	...	0	...	2	...	0	...	2
August	0	...	0	...	2	...	3	...	0	...	5
September	1	...	0	...	0	...	3	...	0	...	4
October	0	...	0	...	1	...	0	...	2	...	3
November	0	...	0	...	0	...	0	...	0	...	0
December	1	...	0	...	0	...	0	...	0	...	1
Total	2		1		6		57		5		71

As will be seen from the above, we have had, excluding Measles, only 14 cases of Infectious Disease, as compared with 48 last year.

The inclusion of Measles in the Compulsory Notification Diseases was decided upon at the end of 1904, and came into operation on January 16th, 1905, and since then 57 cases have been reported. My reasons for urging its notification, especially for a health resort, are as follows:—

- (1) It is one of the most fatal diseases of childhood, as, for instance, no less than 827 deaths occurred in the County Palatine of Lancaster alone from it during the year 1904.

- (2) Parents, owing to the common belief that it is a trivial ailment, neither treat the cases with sufficient care, nor attempt proper isolation; and the fact of having to notify them makes them more careful to do both.
- (3) Scarlet Fever might, as was the case in several instances last year, be mistaken by parents for Measles, and in this way an epidemic of the former be produced. In order to guard against similar mistakes (whenever the disease has been notified by parents, and there has been reason to suppose a mistake has been made), I have visited the case for the purpose of diagnosis.
- (4) That the Sanitary Department, by knowing where the cases existed, could inform the schools and take other steps to prevent the disease from spreading.
- (5) Disinfection could be carried out by the Sanitary Department.

Scarlet Fever was notified six times, as compared with 32 last year, and consisted of isolated outbreaks.

Typhoid was notified five times, against 10 last year, two cases of which had partaken of the raw shell-fish from the shore at a time corresponding to the incubation period of the disease.

Two cases of Diphtheria and one of Membranous Croup were also isolated outbreaks, the infection of which was not discovered.

Consumption, Pulmonary Tuberculosis or Phthisis, was the cause of nine deaths, many of which were no doubt brought into the district. The disease is now proved beyond doubt to be infectious, and should therefore, especially in a health resort like St. Annes, be made either compulsory or voluntary notifiable.

Disinfection of rooms has, as hitherto, been done with formalin vapour, and bedding, clothing, etc., with superheated steam. I am pleased to state that in most of the deaths from Phthisis, and in many of the cases of infectious diseases *not* notifiable, householders have availed themselves of the offer of the Council, and have had their rooms, etc., disinfected by the Sanitary Department.

The Infectious Hospital at Moss Side has, I am glad to say, been of little use to us during the year, although it may have, by removing the source of infection, been the means of averting an epidemic. Out of the 13 cases suitable for admission, only six were sent—four Scarlet and two Enteric Fever,—all of which recovered.

The work of the Sanitary Department has been carried on in a fairly satisfactory manner, but more efficiency is still to be desired, especially with regard to the scavenging, which can only be obtained by increasing the number of workmen.

The ashpits emptied during the year were 8,554, the usual time between each removal being from four to seven weeks, which I am sure you will agree with me is too long. The ashbins, on the other hand, which I am pleased to say are increasing in number, have been attended to weekly or oftener, as required.

The main system of sewers have been regularly attended to, and during the summer months were flushed 129 times. On several occasions during high tides, accompanied by unusually heavy rains, a number of cellars were flooded, and the Sanitary Committee at the present time are considering the best means of preventing its recurrence.

The Surveyor reported that the following Main Sewers have been laid during the year:—

	feet.
King's Road	660
Back Rd. between King's Rd. and Hornby Rd.	440
Back St., St. Alban's Road, behind Grove St.	130
Kirkdale Avenue	200
Clifton St., from Alexander Rd. to Albert Rd.	575
Passage from Back North Crescent to St. Alban's Road	125
Back St. off Church Rd., adjoining Blind Home	110
St. David's Road North	1920
Back Rd. from Kirkdale Avenue to Church Rd.	340
Oxford Road	300
Total...	4800

The following Roads have been constructed :

	feet.
Back Clifton Street	1660
Kirkdale Avenue	200
Clifton St. from Alexandra Rd. to Albert Rd.	530
Back North Crescent	300
Passage from Back North Crescent to St. Alban's Road	125
Back St. off Church Rd., adjoining Blind Home	110
St. David's Road North from Glen Eldon Rd. to Abattoirs	3050

Back Road from Kirkdale Avenue to Church	
Road 	340
St. Patrick's Road North from St. Annes	
Road to Glen Eldon Road 	320
Orchard Road from Richmond Road forward	240
Front Road adjoining Thursby Home ...	180
Back Road „ „ „ ...	100
Oxford Road 	660
St. Annes Road East	2580
Total...	10,395

The water supply of the district from the main of the Fylde Water Board has, on the whole, been in a very satisfactory condition, and every endeavour has been made by the servants of the Board to keep it so. Occasionally, during the summer, a little peaty matter is to be found, giving it a slightly yellowish tinge, but otherwise it is a very soft water, quite free from injurious matter, and especially good for domestic purposes.

The new Public Slaughter Houses have been in use during the year, and the old unsightly and insanitary ones done away with.

The workshops, 49 in number, registered under the Factory and Workshops' Act, 1901, have been regularly visited, a tabular statement of which will be found at the end of the Report.

The farms have been regularly visited, and found to be, as a rule, kept in a clean and sanitary condition. In six of them, improvements of one kind or another have been carried out.

The inspection and analysis of food and drugs, under the Sale of Food and Drugs Act, which is carried out by the County Constabulary, resulted in nine samples of food, consisting of butter, lard, ground ginger, lump ginger and pepper, being examined, the whole of which were found to be genuine.

Meteorological Observations have been made throughout the year by the Sanitary Inspector, a record of which will be found at the end of the Report. Also, daily records have been published, through the kindness of the editors, in the following papers:—The Manchester Guardian, Daily Dispatch, Manchester Evening Post, Huddersfield Examiner and Liverpool Daily Post; and also a short review of the weather during each month has appeared in the St. Annes Express, the Blackpool Times and the Blackpool Gazette.

Annual Report
OF THE
Sanitary Inspector,
WILLIAM E. PROCTER.

*To the Chairman and Members of the St. Annes-on-the-Sea Urban
District Council.*

GENTLEMEN,

I have the honour to present to you my Fourth Annual Report of the work accomplished in the Sanitary Department during the year 1905.

Nuisances take up the major portion of my time, and 150 have been dealt with, the premises being visited on no fewer than 450 occasions to see the progress of the work and to ascertain if the defects were remedied.

208 letters were sent to the owners or occupiers, and it is pleasing to state that the majority of the persons complied with the requests made to them.

It was only requisite to serve 11 Notices, all of which had the desired effect without there being any necessity to take legal proceedings. This reflects great credit upon property owners, showing that they are willing to uphold the healthy reputation of St. Annes by assisting the Sanitary Authority in this manner.

In addition to letters and notices having been sent out, people have received verbal instructions to pay attention and to take great care in keeping clean the various sanitary arrangements at dwellings.

The nuisances that have been dealt with include the following defects.

Drains :—

Yard	14
Slop Water	12
Water Closet	9—35
Soil Pipes	11
Slop Water Pipes	11
Privies and Pails	11
Water Closets	11
Downspouts	7
Gullies	6
Dishbricks	6
Ashpits	44
Various other defects	11

and

Offensive Accumulations	6
Insanitary Yards	5
Waste Water lodging	4

The Cleansing of Ashpits, Ashbins, Destroying of Refuse and other work was as follows :—

	1905.	1904.
Ashpits emptied	8554	12822
Ashbins „	18915	14774
Ashpits, W.C.'s & Urinals disinfected	2832	4254
Loads of Refuse burned at Destructor	2437	1301
Loads of Good Ashpit Refuse taken to tip	253	1311
Privy Tins Emptied	4784	4841
Loads of Water sprinkled on Roads	2247	2448
Dead Animals found on shore and buried	58	9

There have been Five Privies converted into Water Closets, and one Privy Pail has been abolished.

The Soil-pipes and Drains at 90 Premises were tested, locating several defects, all of which received attention and were remedied.

Galvanized iron Bins are being used more than formerly, there being 421 in the district, an increase of 89 since last year. These bins are emptied once a week.

The refuse of the trader is removed from his premises twice each week, so that there is no accumulation of any foul or decaying matter.

Roads and Footpaths have been made or repaired in the country districts with the clinkers and fine ashes from the Destructor.

14 hourly Smoke Observations of the factory chimneys have been taken, but the amount of black smoke sent forth did not on any occasion exceed the time limit of ten minutes per hour.

Frequent visits have been paid to the Public Day Schools. All the rooms are light, having open spaces around the buildings. The sanitary conveniences are of the latrine closet principle, being flushed by means of automatic flushing cisterns.

New Houses have been inspected on completion, and the sanitary arrangements and fittings thoroughly overhauled, after which certificates of habitation have been issued.

111 Rooms have been fumigated, including many where persons had been suffering or had died from some infectious disease not included in the Infectious Disease (Notification) Act of 1889.

541 Articles from infected premises were taken to the Steam Disinfector and disinfected.

48 Workshops (not including Bakehouses) and 15 Factories were inspected; the former were found light, airy and well adapted for the various trade processes to which they are utilized.

44 Visits were paid to the Bakehouses, when it was found that every care is exercised by the occupiers to keep the premises and utensils sweet and clean.

40 Inspections were made at the Farms. The cowsheds being kept clean, whilst the milk utensils were well washed and cleansed.

The defects that were found at some of the cowsheds consisted of insufficient drainage, water supply, paving and lighting.

The Public and Private Slaughter-houses have been visited on 243 occasions, for the purpose of inspecting the animals slaughtered. The lungs of three animals, and the livers of two others, were affected with tuberculosis, whilst two animals contained fluky livers. In each case, the affected organs were destroyed.

Food premises have been frequently visited and found in a clean condition, whilst during the summer months inspections were made of the premises and utensils at the Ice Creameries, when it was ascertained that the ice cream was prepared in clean utensils amidst sanitary surroundings.

79 Hen Premises were visited during the year, and with the exception of four premises, all were found in a suitable condition. Five persons have given up keeping poultry.

Two Visits made to Dwelling-Vans revealed the fact that care was exercised by the inmates to keep their moveable homes sweet and clean.

Meteorological Observations have been taken daily at 9 a.m., and the various particulars duly recorded.

TABLE I.—Vital Statistics of Whole District during 1905 and Previous Years.

URBAN DISTRICT OF ST. ANNES-ON-THE-SEA.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institu- tions in the District.	Deaths of Non- resid'nts r'gist'r'd in Public Institu- tions in the District.	Deaths of residents r'gist'r'd in Public Institu- tions beyond the District.	Nett Deaths at all Ages belonging to the District.	
		Number	Rate.*	Under 1 Yr. of age	At all Ages.	Number	Rate.*				Number	Rate.*
I	2	3	4	5	6	7	8	9	10	11	12	13
1895	3840	76	20.0	13	171	53	13.8	0	0	0	38	9.9
1896	4244	87	20.6	3	34	37	8.8	0	0	0	30	7.1
1897	4986	92	19.6	15	163	54	11.5	0	0	0	44	9.4
1898	5340	98	18.3	17	153	61	11.4	0	0	0	50	9.3
1899	6143	122	20.0	8	57	76	12.3	0	0	0	64	10.5
1900	6919	137	19.8	14	102	69	10.0	0	0	0	61	8.8
1901	7500	132	17.6	24	182	103	13.5	0	0	1	89	12.0
1902	7914	118	14.7	7	59	82	10.2	0	0	3	74	9.3
1903	8207	151	18.4	11	73	86	10.5	1	1	0	72	8.8
1904	8556	134	15.7	17	127	89	10.4	2	1	7	75	9.9
Averages for years 1895-1904	6336	115.3	19.22	12.9	102.1	73.7	11.24	.3	.2	1.1	59.7	9.61
1905	9110	139	16.0	12	86	100	10.9	1	1	4	84	9.2

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

TABLE 1.—NOTES.

The deaths to be included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions or elsewhere.

The "Public Institutions" to be taken into account for the purposes of these tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, work-houses and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made should be given on the back of this table.

Area of District in acres (exclusive of area covered by water),
3112.

Total population at all ages—6840	} At Census of 1901.
Number of inhabited houses—1262	
Average number of persons per house—5.42	

I.	II.	III. Other Institutions, the deaths in which have been distributed among the several localities in the District.
Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick infirm persons from the District.	
Abraham Ormrod Convalescent Home	Infectious Hospital, Moss Side	
Pendlebury Hospital Convalescent Home	Fylde Union Workhouse, Kirkham	
Thursby Home.		
Rochdale Home	Small Pox Hospital, Elswick	

Is the Union Workhouse within the District?—No.

TABLE II.—Vital Statistics of separate Localities in 1905 and previous years. St. Annen-on-the-Sea Urban District.

NAMES OF LOCALITIES	1.—WHOLE DISTRICT.				2.—NORTH WARD.				3.—SOUTH WARD.				4.—EAST WARD.				5.—WEST WARD.			
	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
1895	3840	76	53	13																
1896	4244	87	37	3																
1897	4986	92	54	15																
1898	5340	98	61	17																
1899	6143	122	76	8																
1900	6919	137	69	14																
1901	7509	132	103	24	1255	27	19	5	2768	20	25	1	2550	78	15	17	936	7	8	1
1902	7914	118	82	7	1370	10	0	0	3056	29	0	0	2530	32	32	6	958	11	11	1
1903	8207	151	86	11	1415	11	0	0	3079	24	2	2	2715	35	35	5	1008	16	16	3
1904	8556	134	89	17	1480	14	2	2	3226	34	6	6	2785	32	32	9	1065	9	9	0
Averages of Years 1895 to 1904.	6,336	115.3	73.7	12.9																
1905	9110	139	100	12	1600	24	4	4	3373	27	1	1	2985	41	41	7	1152	8	8	0

NOTES—(a) The separate localities adopted for this Table should be areas of which the populations are obtainable from the census returns, such as wards, parishes or groups of parishes, or registration sub-districts. Block 1 may, if desired, be used for the whole district; and blocks 2, 3, &c., for the several localities. In small districts without recognised divisions of known population this Table need not be filled up.

(b) Deaths of residents occurring in public institutions beyond the district are to be included in sub-columns *c* of this Table, and those of non-residents registered in public institutions in this district excluded. (See note on Table I as to meaning of terms "resident" and "non-resident.")

(c) Deaths of residents occurring in public institutions, whether within or without the district, are to be allotted to the respective localities according to the addresses of the deceased.

(d) Care should be taken that the gross totals of the several columns in this Table respectively equal the corresponding totals for the whole districts in Tables I. and IV.; thus, the totals of sub-columns *a*, *b*, and *c* should agree with the figures for the year in the columns 2, 3, and 12 respectively of Table I.; the gross total of sub-columns *c* should agree with the total of column 2 in Table IV., and the gross total of sub-columns *d* with the total of column 3 in table IV.

TABLE III.—Cases of Infectious Disease notified during the Year 1905.

URBAN DISTRICT OF ST. ANNES-ON-THE-SEA

Notifiable Disease.	Cases notified in whole District.						Total Cases notified in each Locality				Number of Cases removed to Hospital from each Locality.			
	At all ages	At Ages—Years.					North Ward	South Ward	East Ward	West Ward	North Ward	South Ward	East Ward	West Ward
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65								
Small Pox.....														
Cholera														
Diphtheria.....	2		1			1	1			1				
Membranous croup..	1		1				1							
Erysipelas	0													
Scarlet fever	6		1	3		2		3	2	1		2	2	
Typhus fever	0													
Enteric fever	5			1		3	1		3	1		1	1	
Relapsing fever	0													
Continued fever	0													
Puerperal fever.....	0													
Plague	0													
Measles	57	1	10	38	7	1	7	26	18	6				
Totals.....	71	1	11	44	7	7	10	29	23	9		3	3	

ISOLATION HOSPITALS—ELSWICK for Small Pox; MOSS SIDE, N.R. LYTHAM, for Scarlet Fever, Typhoid and Diphtheria

[illegible]

URBAN DISTRICT OF ST. ANNES-ON-THE-SEA.

CAUSE OF DEATH.				Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Ttl. 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 1 Year.
All Causes.	Certified	3	1	1	5	1									1			1	2	10
	Uncertified		1	1	2															2
Common Infectious Diseases.	Small-pox																			
	Chicken-pox																			
	Measles														1					1
	Scarlet Fever																			
	Diphtheria: Croup																			
Diarrhœal Diseases.	Whooping Cough																			
	Diarrhœa, all forms																			
	Enteritis (<i>not Tuberculous</i>)																			
Wasting Diseases.	Gastritis, Gastro-intestinal Catarrh				1	1														1
	Premature Birth	2	1																	
	Congenital Defects																			
Tuberculous Diseases.	Injury at Birth																			
	Want of Breast-milk																			
	Atrophy, Debility, Marasmus																			
Tuberculous Diseases.	Tuberculous Meningitis																			
	Tuberculous Peritonitis:																			
	Tabes Mesenterica																			
	Other Tuberculous Diseases																			
	Erysipelas																			
	Syphilis																			
	Rickets																	1		1
	Meningitis (<i>not Tuberculous</i>)																			
	Convulsions	1				1														1
	Bronchitis																			
	Laryngitis																			
	Pneumonia								1										2	3
	Suffocation, overlaying																			
	Other Causes	0	1	1	5															5
				3	2	1	1	7	1						1			1	2	12

District of St. Annes-on-the Sea.

Births in the year { legitimate.....

illegitimate.....

Deaths from all Causes at all Ages, 100.

POPULATION.

Estimated to middle of 1905.

9,110.

FACTORY AND WORKSHOPS' ACT, 1901.



The Workshops on the Register number 49, and include:—

Bakers and Confectioners	13
Blacksmith	1
Boot Repairing	5
Cabinet Making and Upholstering.....	2
Cycle Repairing	2
Dressmaking	9
French Polishing	1
Golf Club Making	1
Joiners	2
Plumbing	4
Saddlery	1
Stone Dressing	1
Tailoring	4
Tin-plate Working	2
Underclothing	1

The above workshops have been found clean and satisfactory, except in a few instances where the walls or ceilings required lime-washing.



The Factories number 26, and include the following:—

Aerated Waters and Bottling Depots.....	2
Boot Repairing	1
Concrete Flag Making	1
Corn Milling	1
Electricity Works	1
Gas Works	1
Joiners	10
Laundries	3
Letterpress Printing	2
Refuse Destructor Works	1
Stone Dressing	2
Wheelwright	1

Annual Report of the Medical Officer of Health for the year 1905, for the Urban District of St. Annes-on-the-Sea, on the administration of the Factory and Workshop Act, 1901, in connection with Factories, Workshops, Laundries, Workplaces and Homework.

1.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises.	Number of		
	In- spections.	Written Notices.	Prose- cutions.
Factories (including Factory Laundries)....	15	1	—
Workshops (including Workshop Laundries)	92	8	—
Workplaces.....	—	—	—
Homeworkers' Premises	—	—	—
Total.....	107	9	—

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts:—</i>				
Want of cleanliness	7	7	—	—
Want of ventilation	1	1	—	—
Overcrowding				
Want of drainage of floors				
Other Nuisances	1	1	—	—
Sanitary accommodation { insufficient				
{ unsuitable or defective ..				
{ not separate for sexes				
<i>Offences under Factory and Workshop Act:—</i>				
Illegal occupation of underground bakehouse (s. 101)				
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)				
Failure as regards lists of outworkers (s. 107).				
Giving out work to be done in premises { unwholesome (s. 108)				
which are { infected (s. 110)				
Allowing wearing apparel to be made in premises infected by scarlet fever or small-pox (s. 109)				
Other offences				
Total	9	9	—	—

3.—OTHER MATTERS.

CLASS.	Number.	
Matters notified to H.M. Inspector of Factories :—		
Failure to affix Abstract of the Factory and Workshop Act (s. 133)		
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Acts (s. 5) {	Notified by H.M. Inspectors	I
Reports (of section taken) sent to H.M. Inspectors..		I
Other		
Underground Bakehouses (s. 101) :—		
Certificates granted during the year		
In use at the end of the year	None.	
Homework :—	Number of	
<i>Lists of Outworkers</i> (s. 107) :—	Lists.	Out-workers.
Lists received	None.	None.
Addresses of out-workers. {	forwarded to other Authorities	—
{	received from other Authorities	—
<i>Homework in unwholesome or infected premises</i> :—	Wearing Apparel.	Other.
Notices prohibiting homework in unwholesome premises (s. 108)		
Cases of infectious disease notified in home-workers' premises		
Orders prohibiting homework in infected premises (s. 110)		
Workshops on the Register (s. 131) at the end of the year	49	
Important classes of workshops, such as workshop bakehouses, may be enumerated here. {		
Total number of workshops on Register ..	49	

Date, Feb. 16th, 1906.

(Signature), F. BOOTH,
Medical Officer of Health.

METEOROLOGICAL OBSERVATIONS

1905. ST. ANNES-ON-THE-SEA.

LONGITUDE.. 3 1 17
LATITUDE .. 53 44 38

	Atmospheric Pressure.			Temperature.					Earth Grass Thermometers.			Rain-fall.		Sun-shine.	Direction of Wind at 9 a.m.								At 9 a.m. No. of Days of								
	Mean.	Maximum.	Minimum.	Mean Maximum in Shade.	Highest Maximum in Shade.	Lowest Minimum in Shade.	Mean Minimum in Shade.	Mean Daily Range.	Mean Humidity of Air. Saturation 100				Rainfall in inches.		No. of Days on which it fell.	Hours of Bright Sunshine.	Minutes.	N.	N.E.	E.	S.E.	S.		S.W.	W.	N.W.	Calm.	Rain.	Overcast.	Bright.	Gales.
										1 ft. below Ground (mean)	4 ft. below Ground (mean)	Grass (mean)																			
January.....	30.194	30.888	29.073	39.2	46.6	23.9	35.8	3.4	91	38.3	41.8	33.5	1.48	13	87	5	..	..	6	3	..	3	8	9	2	2	13	16	..		
February.....	30.108	30.596	28.855	40.6	46.3	28.9	35.2	6.4	95	40.0	42.4	33.8	1.33	12	87	5	..	..	1	3	..	2	13	5	4	2	13	12	1		
March	29.614	30.285	28.567	44.2	50.3	22.5	39.2	5.0	91	42.9	43.5	36.3	2.45	17	142	50	..	..	4	4	1	10	8	2	2	3	6	20	2		
April.....	29.823	30.207	29.331	45.5	54.8	30.1	40.2	5.3	86	45.8	46.4	34.8	2.44	16	131	50	..	..	5	7	..	6	2	9	1	3	14	13	..		
May.....	30.124	30.471	29.090	53.5	64.9	35.7	45.7	7.8	78	53.6	51.0	41.6	0.44	7	222	55	1	..	5	1	3	5	7	6	3	1	11	19	..		
June.....	29.964	30.380	29.670	60.9	74.0	41.2	50.7	10.2	74	61.3	56.9	47.6	1.93	8	226	30	2	4	5	5	1	3	4	3	3	2	11	16	1		
July.....	30.027	30.259	29.792	63.3	76.0	49.2	56.7	6.6	74	66.3	61.7	54.2	1.36	14	232	25	..	..	2	1	1	6	6	14	1	2	12	17	..		
August	29.830	30.287	29.284	59.7	64.8	45.8	53.1	6.6	76	61.6	61.0	51.1	3.96	18	178	45	1	1	5	6	..	1	7	7	3	4	12	15	..		
September....	29.959	30.351	29.395	57.2	63.9	38.8	49.5	7.7	77	56.2	57.9	*	2.70	16	132	20	2	1	5	1	..	1	7	6	3	13	14	..	..		
October	30.013	30.526	29.103	47.3	55.5	30.1	40.8	6.5	78	47.7	52.3		2.64	14	120	45	3	..	3	1	..	1	10	11	2	15	14	..	..		
November	29.647	30.240	28.903	42.0	49.3	24.1	37.2	4.8	87	41.9	46.6		4.31	19	67	25	..	1	8	7	1	1	3	6	4	13	12	1	1		
December	30.144	30.851	29.365	41.9	47.2	31.6	38.5	3.4	89	41.5	44.6		0.81	13	48	55	..	..	9	8	..	2	4	5	3	2	16	13	..		
Sums.....	359.447	365.341	350.438	595.3	693.6	401.9	512.6	73.7	996	597.1	606.1		25.85	167	1591	45	9	758	47	74	171	80	45	30	149	181	5				
Means ..	29.953	30.445	29.203	49.6	57.8	33.4	42.3	6.1	83	49.7	50.5		2.15	13	144	47															

* Grass Thermometer broken.