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BOROUGH OF FOLKESTONE.

REPORT

ON THE

Sanitary Condition

OF THE

Borough and Port of Folkestone DURING THE YEAR 1935,

BY

AUSTIN PRIESTMAN, M.B., Ch.B., D.P.H.,

MEDICAL OFFICER OF HEALTH.

FOLKESTONE : J. English, Ltd., "Express" Works, 31, High Street.





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REPORT.

BOROUGH OF FOLKESTONE.

To his Worship the Mayor, Aldermen and Councillors of the Borough of Folkestone.

OFFICE OF THE MEDICAL OFFICER OF HEALTH,

FOLKESTONE,

April, 1936.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to submit the Annual report for the year ended 31st December, 1935.

The year has been a healthy one with no undue prevalence of any of the infectious diseases, and there has been only one fatal case of Diphtheria.

The infectious diseases requiring isolation continue to be mostly Diphtheria and Scarlet Fever. There can be no doubt that the removal to Isolation Hospital of cases of Puerperal Fever is of great value to the individual affected and to the community, giving better prospect of recovery and preventing the spread of dangerous illness. The same applies to cases of Measles with complications, such as Mastoid disease, especially now that the hospital is equipped with such an excellent operating theatre and has the services of such a skilled staff of consultingsurgeons. Much good work has been carried out in this new theatre, fully justifying the expense of its provision. The high maternal death-rate is misleading, as there was only one death during the year from Puerperal Sepsis and only four deaths from other Puerperal causes; the child-bearing population is small in comparison with most other towns.

The fact that the figure is misleading may be seen by reference to the Tables on pages 10 and 13.

The work under the Housing Act (1930) has continued, and the Ministry's Enquiry concerning the Bayle Clearance Orders (Nos. 1 and 2) came to a satisfactory conclusion after the Ministry's representative had heard my summarized evidence of the condition of the individual items in the property and after he had inspected the property. The solicitors for the owners of the property withdrew and the Clearance Orders (comprising fifteen houses) were upheld " in toto."

Other individual houses, the subject of demolition orders, were demolished and their occupants re-housed, according to the Act.

One of the medical staff of the Ministry of Health held an enquiry, lasting several weeks, into the many details of the Public Health services of the Borough, and expressed the opinion that with the advent of the Overcrowding Bill, another Sanitary Inspector would be needed to maintain the efficiency of the present service, and that I myself needed relief from some of the clinical work for purposes of further administration and supervision.

It is to be hoped that these items of relief will be afforded, as this important work is very detailed and constantly expanding with additional duties.

I would again acknowledge my indebtedness to all the staff of the Public Health Department for their steady devotion to work.

I remain, Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

AUSTIN PRIESTMAN,

Medical Officer of Health.

Summary of Health Report for 1935.

-

Borough Borough of Folkestone
Area (inclusive of area covered by water) 4,099 acres
Rateable Value £495,278
Population (1935 Registrar General) 46,540
Density of population 11 persons to the acre
Total Births Live Births 647 (607 Legitimate, 40 Illegitimate)
Still Births 22 (19 Legitimate, 3 Illegitimate)
Total Deaths 546
Birth-rate 13.8 per 1,000 of population
Death-rate 11.7 per 1,000 of population
Death-rate corrected for age and
sex constitution 10.4 per 1,000 of population
(Factor for correction: .89)
Deaths of infants under one year of age 30
(Legitimate 26, Illegitimate 4)
Infant Mortality rate
Legitimate 42 per 1,000 legitimate births
Illegitimate 100 per 1,000 illegitimate births
Total 46 per 1,000 births
Diarrhoea (under 2 years) 00.0 per 1,000 births
Cancer death-rate 1.6 per 1,000 of population
Phthisis death-rate5 per 1,000 of population

PUBLIC HEALTH STAFF.

Public Health Officers of the Council.

Medical Officer of Health and School Medical Officer - Port Medical Officer - Medical Inspector (Aliens Order) Medical Superintendent Isola- tion Hospital	Austin Priestman, m.b., ch.b., d.p.h. (Univ. Edin.)
Medical Officer (Maternity and Child Welfare Centre) —part time)	Alfred J. Gore, M.R.C.S., L.R.C.P.
Medical Inspector (Aliens Order) }	MATTHEW DUNNING, D.S.O., M.B., C.M. (Glas.).
Senior Sanitary Inspector (Borough and Port) Assistant Inspector under Public Health (Imported) Food Regulations Inspector under the Food and Drugs (Adulteration) Act -	H. W. GILL, M.R.SAN.I. (by exam.) Certificates Royal Sanitary Institute, as "In- spector of Meat and other Foods "; Advanced Certifi- cate Royal Sanitary Insti- tute "Qualifying for Mem- bership."
Sanitary Inspector (Borough and Port) Assistant Inspector under Public Health (Imported) Food Regulations Inspector under the Food and Drugs (Adulteration) Act	*H. SUMMERFIELD, A.R. SAN.I., Certificate Royal Sanitary Institute as "Inspector of Meat and other Foods."
Sanitary Inspector (Borough and Port)	*H. J. ELDRIDGE, M.S.I.A., Certificate Royal Sanitary Institute as "Inspector of Meat and other Foods." (Resigned 15.6.1935).



Sanitary Inspector (Borough and Port) - - - -Assistant Inspector under Public Health (Imported) Food Regulations - -Inspector under the Food and Drugs (Adulteration) Act

Sanitary Inspector (Borough and Port) - - - -Assistant Inspector under Public Health (Imported) Food Regulations - -Inspector under the Food and Drugs (Adulteration) Act

Health Visitors and Maternity and Child Welfare Nurses

- *L. F. PATTMAN, A.R.SAN.I. Certificate Royal Sanitary Institute as "Inspector of Meat and other Foods."
- *C. A. BAILEY, A.R.SAN.I., Certificate Royal Sanitary Institute as "Inspector of Meat and other Foods." (Commenced duty: 26.8.35)
- MRS. SIEVWRIGHT, C.M.B., A.R.SAN.I., Health Visitor and School Nurse Certificate, Royal Sanitary Institute.
- MISS COLLIER, C.M.B., and General Training.
- *MISS HARRIS, C.M.B., Health Visitor and Children's Training (part time).

* Assists Medical Inspector (Aliens Act).

General Statistics.

Area (acres)	••••	 4,099
Population :		
Mid-1935 Registrar General		 46,540
No, of inhabited houses (approx.)		 10,000
Rateable Value		 £495,278
Sum represented by a penny rate		 £1,941

SOCIAL CONDITIONS, INCLUDING OCCUPATIONS OF INHABITANTS, Etc.

The main asset of this town is its claim as a health resort, and consequently over two-fifths of the residential population is composed of retired persons or others not occupied for gain. There are naturally numerous hotels, boarding houses, and apartments let in lodgings.

No influence of any particular occupation appears to affect the public health.

The tendency is for a higher proportion of aged persons to congregate where they may enjoy life during their declining years.

Unemployment fluctuates with the seasons, as this Borough is mainly a Summer Health Resort.

Vital Statistics.

FOLKESTONE.

		Total	М.	F.	
Live)	Legitimate	607	306	301	
Births }	Illegitimate	40	24	16	
				Birt	th-rate (R.G.) 13.8
Still Birt	hs	22	8	14	
			Rat	e per 1,0	000 total births 32.8
Deaths		546	257	289	
				Death-r	ate (gross) 11.7
				Death-ra	ate (corrected) 10.4



10

Deaths from Puerperal Causes.

			Rate per 1000
		Deaths	Total Births
			(Live and Still)
Puerperal Sepsis	 	1	1.49
Other Puerperal causes	 	4	5.96
		5	7.45

INFANT MORTALITY RATE.

Deaths of Infants under One Year.

There were only 30 deaths registered under the above heading; 4 of these were illegitimate.

The Infant Mortality, based upon the number of births registered in the same period, 647, is at the rate of 46 per thousand births. This figure again is very good, and is 11 per thousand less than of that for the whole country, which is 57.

Death Rate of Infants under one year of age :--

All Infants, per 1000 live Births	 46
Legitimate Infants, per 1000 legitimate live Births	 42
Illegitimate Infants, per 1000 illegitimate live Births	 100

Deaths from	Measles (all ages)	 	Nil
Deaths from	Whooping Cough (all ages)	 	1
Deaths from	Diarrhoea (under 2 years of age)	 	Nil

Special Causes of Sickness and Excessive Mortality in the Area.

There was no excessive or unusual sickness or mortality which requires comment.

Causes of Death, 1935, per Registrar Ceneral's Return.

Folkestone

		Folkes	stone
	Causes of Death.	Male	Female
All	Causes	257	289
1.	Typhoid and Paratyphoid Fevers		
2.	Measles Scarlet Fever		
8.	Scurlet Fever		
4	Whooping Cough	1	
5.	Diphtheria	1	
6	Influenza	8	1
7.	Encephalitis Lethargica		
8.	Cerebro-spinal Fever	1	
9.	Tuberculosis of Respiratory System	13	11
0.	Other Tuberculous Diseases	3	2
2	Syphilis General Paralusis of the Income Takes Develop	1	2
3.	General Paralysis of the Insane, Tabes Dorealis Cancer, malignant disease	2	
4.	Diabataa	35	42
	Corebral Homorrhage he	4	6
6	Heart Diseaso	10	10
7.	Heart Disease	47	92
8.	Other Circulatory Dianan	2	
9.	Propabilia	13	17
0.	Pneumonia (all forms)	9	7
1	Other Respiratory Diseases	15	10
2.	Peptic Ulcer	3	3
3.	Diarrhœa, &c. (under 2 years)	5	3
	Appendicitis		
5.	Appendicitis	1	2
6	Other Diseases of Liver, &c.	2	
7.	Other Digestive Diseases	6	27
8.	Acuta and Chaopia Nonbritia	14	10
9.	Puerperal Sepsis		10
0.	Oth Ducananal causes		4
1.	Congenital Debility, Premature Birth, Malforma-		.4
	tions, &c.	14	4
2	Senility	3	10
8.	Suicide	6	2
	Other Violence	12	6
5.	Other Defined Diseases	25	35
	Causes ill-defined or unknown		00
	ial causes (included in No. 35 above)		
	llpox		
	liki-		
	an apple alitic		
Onte	(Total	22	
eat	hs of Infants Legitimate	19	8 7
1	inder 1 vear	3	1
	(megrimave		
	Pietha Total	330	317
100	Births Legitimate	306	301
	Illegitimate	24	16
	(Total	8	14
	kintha / Logitimate	7	12
till	Births Legitimate		
till	Illegitimate	1	2

-										
	Causes of Death.	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 years and upwards.
1	Typhoid and Paratyphoid			1		1				
	Fevers									
2.	Measles	1								
3.	Scarlet Fever									
4.	Whooping Cough	1				1				
5	Diphtheria	1		1						
6	Influenza	9				1	1	1	4	2
7	Encephalitis Lethargica .									
8.	Cerebro-spinal Fever	1						1	•••	
9.	Tuberculosis of the Respira-	04					0	10		
10	tory System	24	1	1	2		6	10	4	4
10.	Other Tuberculous Diseases	2	1					-	1	
11. 12.	Syphilis	-	1						1	
12.	Insane, Tabes Dorsalis	2						1		1
13	Cancer, malignant disease	76					1	5	27	43
14.	Diabetes	10							1	9
15.	Cerebral Hæmorrhage	20	2						6	12
16	Heart Disease	141	1	1	1		1	4	25	108
17.	Aneurysm	2							1	1
18.	Other Circulatory Diseases	30							2	28
19.	Bronchitis	16	1			1		2	2	10
20.	Pneumonia (all forms) .	25	3	1	1			2	7	11
21.	Other Respiratory diseases	6						1	1	4
22.	Peptic Ulcer	8						3	4	1
23.	Diarrhœa, &c. (under 2									
~ .	years)									
24.	Appendicitis	3				1			2	
25.	Cirrhosis of Liver	1		•••		•••			1	
26.	Other Diseases of Liver, &c.	4				••••			1	3 7
27.	Other Digestive Diseases	12 24	2		1		1	••••	17	7
28.	Acute and Chronic Nephritis Puerperal Sepsis	1						1		
29 30	Other Puerperal causes	4						4		
31	Congenital Debility, Pre-	1 *						-		
91	mature Birth, Malforma-									
	tions, &c	18	18							
32.	Senility	13								13
33.	Suicide	8					1	1	5	1
34.	Other Violence	19	1			2	î		6	9
35.	Other defined diseases	60		2	1	2	4	7	17	27
36.	Causes ill-defined or un-		1000							CANAL -
10000	known									
	Totals	546	30	6	6	8	16	44	125	311
		-								

Causes of, and Ages at, Death during the Year, 1935.

Percentage of Notifications of Infectious Diseases.

(Compared with England and Wales, London, 121 County Boroughs and Great Towns, and 140 Smaller Towns).

			13			
IONS PER L BIRTHS.	Puerperal Pyrexia,	9-44	FI-II	8 25	11.89	7.47
NOTIFICATIONS PER 1,000 TOTAL BIRTHS.	Puerperal Fever.	8.60	4.55	2.76	4.32	2.98
	Pneumonia.	1.15	1.36	96.0	0.89	0 45
PER 1,000 OF POPULATION.	Small Scarlet Diphtheria Enteric. Erysipelas. Pneumonia.	0.42	0.48	0.87	0.45	0.84
,000 of P	Enteric.	0-04	0.04	0.06	0.05	0.08
	Diphtheria	1.60	96,1	1.84	2.25	1.33
Notifications	Scarlet Fever.	2.96	3.19	2.75	2.64	2.12
	Small Pox.	1		- 1	I	1
		England and Wales	121 County Boroughs and Great Towns, including London	140 Smaller Towns (Estimated Resident Population 25,000 -50,000 at Census, 1931	London, Administrative County	Folkestone

CENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

(a) Laboratory Facilities.

These examinations are carried out by arrangement with the County Laboratory at Maidstone.

During the year the following specimens have been submitted for bacteriological examination:

Sent by Medical Practitioners.

	Resi	ilts.
	Positive.	Negative.
Swabs for bacilli diphtheriæ	 14	300
Sputum for tubercle bacilli	 44	161
Pus for tubercle bacilli	 9	-
Cerebro-spinal fluid for tubercle bacilli	 3	-
Serum for bacilli typhosus	 1	13
Blood for bacilli typhosus	 	1
Swabs for hæmolytic streptococci	 18	3

Sent from Borough Isolation Hospital.

Swabs for bacilli diphtheriæ		 	43	411
Faeces for bacilli typhosus		 	_	12
Serum for bacilli typhosus		 		2
Urine for bacilli typhosus		 •	-	1
Sputum for tubercle bacilli		 		3
Cerebro-spinal fluid for organi	sms	 		1
Urine for organisms		 	2	4
Swabs for hæmolytic streptoce	occi	 	22	42

Sent by Medical Officer of Health.

Swabs	for	bacilli diphtheriæ		 6	55
Swabs	for	hæmolytic streptococ	ci	 3	2

(b) Ambulance Facilities.

1. For Infectious Cases.

A motor ambulance of modern type is in use. Two stretcher cases can be carried besides the driver, attendant, and nurse.

 For Non-Infectious and Accident Cases. Maternity Cases.

A motor ambulance is available for the above mentioned class of cases. This is kept at the fire station.

(c) Nursing in the Home.

The District Nurses' Association gives occasional assistance to children by administering the necessary treatment.

(d) CLINIC AND TREATMENT CENTRES.

Maternity and Child Welfare Centre.

This is established at the Public Health Department, Foord Road.

Two Health Visitors, Mrs. Sievwright and Miss Collier, are in attendance every afternoon except Wednesday to give advice.

The Maternity and Child Welfare Clinic is held on two afternoons in the week-Monday and Thursday.

The Antenatal Clinic is held on Friday afternoon. The Medical Officer of Health is in attendance at all clinics.

In addition a clinic is held at Cheriton on Wednesday afternoons, Dr. Alfred J. Gore being in attendance. The following table shows the number of attendances and visits during the year :---

Antenatal visits			 340
Primary visits (new born)			 563
Secondary visits (under 1 year),			 2706
Other visits (1 to 5 years)			 5318
Visits re Infant deaths and still-birth		~	 45
,, ,, Whooping Cough			 20
Tubereulesis			 48
Frusinalas			10
Desumania			 4
Chisless Day			 6
Ophthalmia Neonatorum			 _
Discharging Eyes			11
Maaslas and Cormon Maasl			 12
			 3
,, ,, Mumps	•••	•••	
,, ,, Puerperal Sepsis			 2
,, ,, ,, Pyrexia			 3
,, ,, Maternal Deaths			
,, ,, Foster Mothers			 304
,, ,, Nurse Children			 419
,, ,, Adoption of Children			 11
,, ,, Nursing Homes			 17
Miscellaneous Visits			 82
Total			 9924

The following attendances at the Maternity Centre were made during the year :---

	School-		Moth		
	Entrants.	Infants.	Antenatal.	Nursing.	Total
	(under 5).				
Individual cases	240	974	144	92	1450
Gross attendances	257	10308	453	92	11110

Examined by Doctor.

Individual Cases	240	732	144	92	1208
Gross attendances	257	2434	453	92	3236

The Antenatal Clinic.

Antenatal care is not a new branch of medicine and remains one of the most, if not the most important branch.

Much advertisement has been given lately to maternal mortality and much said about the failure of our antenatal clinics. It seems too soon to speak, and more of the failure to reduce this mortality may spring from our teaching-schools than the work of our clinics.

It is difficult to escape from the conclusion that if these clinics do not reduce the death-rate in child-birth they are not being run on competent and satisfactory lines.

The recording and observation of findings in every antenatal clinic is a matter of vital moment, and little advance or criticism is possible until these are known.

The following are a few facts concerning the work of the clinic. The number of patients attending at the clinic continues to rise, and a new centre will shortly be needed at Cheriton to deal with the population in the extended Borough.

The percentage of primiparæ was 37.4; this is perhaps of special interest in view of the Table given by Professor Browne in his recent work on antenatal care.

The payment of a fee to midwives for their reports on confinements (inaugurated in January, 1930) is of great value, and one of the few possible means of learning through errors of commission or omission.

Among the 144 women attending during the year nine were under the age of 20, seven were over 40 years, ten between the ages of 35 and 40, 26 between 30 and 35 years, 44 between the ages of 25 and 30, and 52 (36%) between the ages of 20 and 25.

There were only 3 abnormalities—all "breech" presentations, and two labours were instrumental, one being for eclampsia. There were no fatalities among those who attended, but there were six neo-natal deaths due to the following causes:—

- (1) Spina bifida.
- (2) Hydramnios.
- (3) Forceps-injury.
- (4) Convulsions.
- (5) Breech.
- (6) No cause discoverable.

There were two miscarriages and one still-birth due to albuminuria, the latter occurring in Queen Charlotte's Hospital. There was one pelvic defect, a generally contracted pelvis, necessitating induction slightly before full-term.

The following is a tabular statement of the various physical defects, any of which, untreated, would have jeopardized the health of the mother and child and might have jeopardized life itself.

	Defect.				Num	ber of Cases.
*Notified Tube	erculosis	of 1	ungs			1
Suspected Bronchitis	,, 	,,	,,			6 2
Heart disease						
					1 Mitr	al incompetence
					1 Aort	tic stenosis
					1 Tacl	hycardia
Enlargement	of thyr	oid			1-cys	tic type
†Albuminuria						7
Haemorrhoids						2
Pyorrhoea						2
Anaemia						6
General weak	ness—n	nostly	lack	of food		7
And one each	of the f	followi	ing de	fects :		

Oxyurus vermicularis, Vaginitis, and Pyelitis.

*Necessitated curettage, followed by hysterectomy, with results that have been satisfactory up to date.

†One of these developed Eclampsia, but made good recovery.

This record of defects is interesting and shows the need for antenatal supervision, reflecting, as it does, the reduced or negative health of merely one year's patients.

There can be no doubt of the benefit derived by these cases, but there are other equally important benefits derived by those who are suffering from other ailments, such as badly-decayed teeth, root-abscesses, and the various symptoms of that nervousstorm through which many women pass during pregnancyirregularity of heart action, depression or mild melancholia, insomnia, and fears of various kinds.

The value of cheer, fresh milk and some additional foodstimulus cannot be too highly stressed, nor, in some instances, the value of such drugs as Potassium Bromide, and Iron with or without Arsenic.

There seems little doubt also, that in Multiparæ with a history of tendency to excessive haemorrhage a prolonged course of calcium lactate, with or without some form of iron, is of very great value.

I am convinced that the mere recording of blood-pressure is of little value unless some allowance is made for the nervous stability or instability of the patient under review; it is wonderful how high a blood-pressure can soar without organic defect or any serious meaning.,

It is important that the adverse criticism hurled at these antenatal clinics in connexion with their failure to reduce maternal mortality should not be lightly accepted. Criticism is often based upon statistics which in no way reflect the truth; one maternal death in a small population gives a figure which, compared with the figure for the country as a whole, is entirely misleading; as the Scottish professor remarked "These are statistics, not facts."

Moreover, there are many subsidiary factors to be taken into account, with marked bearing upon the failure or otherwise of present day midwifery and upon maternal mortality; one of the most important in any critical consideration being the proportion between Primiparæ and Multiparæ in any two periods under review. If our maternal mortality stands in a poor light to-day, we may well seek for a part-explanation in our recent methods of birth-control and unwillingness of the married to fulfil the normal duties of the married.

1....

(e) Hospitals.

There has been no change during the year.

Causes of Death	Under 1 week	1 to 2 weeks.	2 to 3 weeks.	3 to 4 weeks.	Total under 4 weeks.	1 to 3 months.	3 to 6 months.	6 to 9 months.	9 to 12 months.	Total deaths under 1 year
Small-Pox										
Chicken-Pox										
Measles										
Scarlet Feyer										
Whooping Cough								1		
Diphtheria and Croup										
Erysipelas										
Tuberculous Meningitia								1		1
Abdominal Tuberculosis								200		
Other Tuberculous diseases										
Meningitis (not Tuberculous)										
Convulsions				2	2	11000	1			3
Laryngitis										
Bronchitis			1	1	2					2
Paeumonia (all forms)		1	1		2	1				3
Diarrhœa										
Enteritis										
Gastritis										
Syphilie							1			1
Ricкets										
Suffocation, overlying										
Injury at Birth	1				1					1
Atelectasis										
Congenital Malformation	3				3		1			4
Premature Birth					3					3
Atrophy, Debility and										
Marasmus	2				2	2				4
Other causes	3				3	2	2	1		8
All causes certified	12	1	2	3	18	5	4	2		29
uncertified							1			1
Grand Totals	12	1	2	3	18	5	5	2		30

Deaths from Notifiable Diseases during the Year 1935.

			2	21									
-	65 yrs. and over	:	:	:	:	:	11	1	:	:	:	:	12
	45 and under 65 yrs.	:	:	:			5	1				:	8
	35 and under 45 yrs.	:	:	:		8	::	:					8
	15 and under20 and and and er35 and under20 yrs.35 yrs.45 yrs.	:	:	:	1	1	53	:				-	5
÷	15 and under 20 yrs. 3	:	:	::	:	:		÷	:	:		:	:
At Ages-Years.	5 and 10 and 15 and 20 and 35 and 45 and 65 yrs. under under under under under under and 10 yrs. 15 yrs. 20 yrs. 35 yrs. 45 yrs. 65 yrs. over	:		:			:		:		:	:	:
At Ages		:		:	:	:	:	::		•		:	:
1	2 and 3 and 4 and under under under 3 years 4 years 5 years	:	:	:		:			:	:			:
	3 and under 4 years	:	:	:		:		:	:		:	:	:
	2 and under 3 years	:	:	:	::		1	:	:				1
	00 1	1	:		;					:	::	:	1
	Under 1 and 1 under year	;	:			::	4	:	-		:	:	4
	Ages	1	:	:	1	4	25	67				1	34
	Deaths	Diphtheria	Scarlet Fever	Enteric rever (Including Para-Typhoid)	Puerperal Sepsis	Other Puerperal Causes	Pneumonia	Erysipelas	Encephalitis Lethargica	Measles	Acute Poliomyelitis	Cerebro-spinal Fever	Totals .

21

Birth-rates, Death-rates and Analysis of Mortality, Maternal Death-rates, and Case-rates for certain

Infectious Diseases in the year 1935.

England and Wales, London, 121 County Boroughs and Great Towns and 140 Smaller Towns. -1 -- W -- FIminimal famous ha 10-

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	Traf a	IO DOUD					Total
HS.	ethe		57	62	55	46	
PER 1000 BIRTHS.	(nuqer	Diarrhea Enteritia Two year	2.9	6.1	3.8	0.0	Others.
		Violence	0.52	0.45	0.41	0.38	
TION.		sansuftal	0.18	0.16	111.0	0.19	Puerperal Sepsis.
OPULA'	яi	Diphther	80.0	60.0	0.06	0.03	uerpera
1000 F	g Cough	aiqood W	* 0.0	0.04	0.03	0.03	P
ANNUAL DEATH-RATE PER 1000 POPULATION	6761	Bearlet Fever			10.0 10.0	00.0	
ATH-RA		0.03	0.04	00.0	00.0		
UAL DE	x	of Ilam2	00.0	0 00	0.00	00.0	
ANN		Турьоіd Рага-typ Геуега	00.0	00.0	00.0	00.0	
	sə	auso IIA	2.11	8.11	11.2	10.4	
BIRTH- RATE	1000 TAL	Births	0.62	89.0	0.64	0.47	
BIRTH	PER 1000 TOTAL POPULA- TION.	Births	14.7	14.8	14.8	13.8	
			England and Wales		Resident Populations 25,000 	Folkestone	

22

7.72

6 18

1.54

: :

Per 1000 Live Births

:

=

Folkestone

:

:

.

The following cases were admitted to the Borough Isolation Hospital:-

Borough.

	А	dmitted.	Discharged.	Died.
Scarlet Fever		97	97	-
Scarlet Fever (suspected)		3	3	-
Scarlet Fever (re-admitted for	furth	er		
treatment)		1	1	—
Diphtheria		58	57	1
Diphtheria (" carriers ")		11	11	-
Diphtheria (suspected)		11	11	—
Typhoid Fever		2	2	_
Erysipelas		6	5	1
Puerperal Sepsis and Pyrexia		5	5	-
Measles		4	4	-
German Measles		1	1	
Chicken-pox		3	3	-
Mumps		2	2	-
Whooping-cough		1	1	_
Pneumonia		6	4	2
		211	207	4

From Outside Districts.

HYTHE BOROUGH.	Ad	mitted.	Discharged.	Died.
Scarlet Fever	 	2	2	-
Diphtheria	 	3	3	-
Para-typhoid Fever	 	1	1	
Anterior Poliomyelitis	 	1	1	—
Puerperal Sepsis	 	1	1	-
Measles	 	2	2	_

ELHAM RURAL DISTRICT.			
Scarlet Fever	11	11	
Diphtheria	3	3	
Acute Poliomyelitis	1	<u> </u>	1
Puerperal Sepsis	1	1	
NEW ROMNEY BOROUGH.			
Scarlet Fever	3	3	
LYDD BOROUGH.			
Puerperal Sepsis	2	1	1
ROMNEY MARSH RURAL DIS	TRICT.		
Scarlet Fever	12	12	-
Diphtheria	4	4	-
SHORNCLIFFE MILITARY.			
Whooping-cough and Pneumonia	2	1	1
	49	46	3

Summary of Admissions.

	А	dmitted.	Discharged.	Died.
Borough	 	211	207	4
From Outside Borough	 	49	46	3
		260	253	7

3. (i) Midwifery and Maternity Services.

The supervision of Midwives is under the control of the Kent County Council.

The number of midwives practising in the area is eleven.

24

MATERNAL MORTALITY.

All cases of maternal death in childbirth and cases of puerperal fever and puerperal pyrexia have been the subject of investigation in accordance with the Ministry's requirements.

In order to carry out the requirements of the above scheme your Council, through the Maternity and Child Welfare Centre, are amply provided with the necessary information. The Medical Officer of Health is the appointed investigator, assisted by the staff of Health Visitors. Hitherto I have always inquired into Maternal as well as Infant Deaths and have worked in accord with the private practitioners.

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

No provision is made here; but such cases as occur are sent to the Infirmary at the Elham Board of Guardians, Hill House, Etching Hill, through the instrumentality of St. Agnes' Rescue Home.

(iii) Health Visitation.

This is carried out thoroughly and effectively by the Chief Nurse, Nurse Sievwright, and her assistants, Nurses Collier and Harris.

Mrs. Sievwright and her assistants have an intimate and first-hand knowledge of the home conditions of all who attend at the Centre, a knowledge which is of untold value, linking up, as it does, the work of the Centre with the work of the Public Health Service.

(iv) Infant Life Protection.

CHILDREN ACT, 1908, AND CHILDREN AND YOUNG PERSONS ACT, 1932.

The functions of this service are now in a very satisfactory state. A roster containing particulars of all children is kept in the Maternity and Child Welfare Centre. Close supervision is being continuously exercised, the foster-parents being visited at irregular intervals. Any cases of neglect are promptly dealt with and necessary warnings given when required. I am happy to be able to state that the various notices are being sent in correctly and to time, and the whole system would appear to be working smoothly and well.

(v) Orthopædic Treatment.

Cases requiring orthopædic treatment are referred to the Royal Victoria Hospital.

4.	Nursing	Homes	Registration	Act,	1927.
		Particul	ars for 1935.		

	Maternity Home only	Nursing Home on ly	Both Maternity and Nursing Home.	Total
No. of Applications for Registration		1	1	2
No. of Homes Registered.		1	1	2
No. of Homes Cancelled Voluntarily.		1	1	2
No. of Orders made Refusing or Cancelling Registration.				
No. of Appeals against such Order.				
No. of Cases in which such Order shave been (a) Confirmed on appeal (b) Disallowed				
No. of Applications for Exemption from Registration.		2	1	3
No. of Cases in which Exemption has been:				
(a Granted (b) Disallowed (c) Refused		2	1	3

The total number of Maternity and other Nursing Homes registered in the Borough at present is thirteen, and constant supervision is carried out by means of "surprise visits" by the Senior Health Visitor and by myself.

The homes generally are well conducted and efficient.

I. SANITARY CIRCUMSTANCES OF THE AREA.

(i) Water.

Water Supply.

The Folkestone Waterworks Company employ a well-known firm of Bacteriologists for the regular bacteriological analysis of samples. In addition to this, samples from specially provided and protected taps in different parts of the Borough are taken frequently for analysis by Dr. Constant Ponder at the County Council Laboratory, Maidstone.

The Borough water supply is therefore under constant observation and everything that can be done to ensure continued safety of supply is being carried out.

Water, Chemical Analysis.

The following is a copy of the chemical analysis made by Messrs. Hawkins and Roberts, of Canterbury, Analysts:

(Copy).

Water Analysis-Folio 24936. The Borough of Folkestone. Sample marked as below. Received 5th September, 1935:

N.B.-All Numerical Results Expressed in Grains Gallon.

per

Description or number of sample:

Appearance: Colour: Smell: Chlorine in Chlorides: Phosphoric Acid in Phosphates: Nitrogen in Nitrates: Ammonia: Albuminoid Ammonia: Oxygen absorbed in 15 minutes: Oxygen absorbed in 4 hours: Hardness before boiling (Total) : Hardness after boiling (Permanent) : Total Solid Matter: Microscopical Examination of Deposit : Metallic impregnation (copper, lead, zinc):

,

" Draw-off " Tap, on main from public supply. Clear. Green-blue. Normal. 1.75. None. 0.23. 0.0028.0.0008. Trace only. 0.008. 18.7. 3.5. 23.38. Very slight organic debris. None.

Remarks:

The above results indicate a typical water from the chalk of this district, very pure organically, and free from sewage percolation.

The microscopical examination is also satisfactory.

ERNEST M. HAWKINS, Public Analyst, Borough of Folkestone.

	Organism	s per c.c.		nkey's Bile actose Brot		B. Coli
Date.	Agar. 48 hours	Agar 4 days	No. of Tests.	Acid and Gas.	Acid.	Present.
4-2-35	29	417	25	1	9	Present in 50 c.c.
25-5-35	0	318	25	3	6	1 " in 20 c.c.
	0	9	25	3	2	1 ., in 20 c.c.
	0	248	25	0	7	Absent in 100 e.c.
	0	0	25	0	0	
5-10-35	5	451	25	1	4	Present in 50 c.c.
	1	195	25	0	0	-
	2	67	25	0	0	
5-10-35	1	6	25	0	0	Absent in 100 c.c.
,,	0	2	25	0	0	
	0	21	25	0	9	

Bacteriological Analyses.

(ii) Drainage and Sewerage.

The extension of the Folkestone Main Sewer Outfall into deep water near Copt Point is a success and the nuisance of drifting sewage to the East of Folkestone appears to be at an end.

2. Rivers and Streams.

The only small stream in this area is the Pent Stream, and any slight pollution is remedied immediately.

3. (i) Closet Accommodation.

The Closet Accommodation is satisfactory.

(ii) Public Cleansing.

Removal and Disposal of House and Trade Refuse.

The house refuse for private persons is collected twice a week, but where an excess is made, principally at hotels, boarding houses, etc., a sufficient number of collections is made in these instances to cope with this excess.

During the past five years galvanized dust bins of an approved pattern have been provided as follows :---

1931		 	 258
1932		 	 187
1933		 	 126
1934		 	 177
1935		 	 259
To	tal	 	 1007

(iii)	Sanitary	Inspection	of the	Area.	(See page 30 and
(iv)	Shops.				f onwards).

(v) Smoke Abatement.

The one complaint of smoke nuisance during the year was dealt with successfully.

(vi) Swimming Baths.

The local public swimming baths are under new management, and both the large and small baths and the building generally have been thoroughly cleaned and renovated. There is now a continuous flow of sea water at the rate of 1,080 gallons an hour, which must have a beneficial effect.

I am informed that a swimming pool is to be constructed during 1936.

4. Schools.

There has been no change in the Sanitary condition and water supply of the Schools, and in the action taken in relation to infectious diseases (given fully in my past reports). During the past years these arrangements have been in every way satisfactory and efficacious.

SUMMARY OF WORK CARRIED OUT BY SANITARY INSPECTORS' DEPARTMENT.

To the Medical Officer of Health,

Borough of Folkestone.

I beg to submit the following summary of work carried out in the Sanitary Department during the year ended 31st December, 1935:—

Complaints.

No. of complaints received and dealt with 3	No.	o. of	complaints	received	and	dealt	with			31
---	-----	-------	------------	----------	-----	-------	------	--	--	----

Inspections.

Houses and premises inspected (for detection	of	
nuisances, housing defects, provision of refuse bi	ins,	
etc.)		681
Houses and premises re-inspected		1106
Visits to drainage and other works in progress		894
,, ,, dairies, cowsheds and milkshops		154
,, ,, bakehouses		115
,, ,, factories, workshops, workplaces, and how	me-	
workers' premises		72
,, ,, common lodging houses		6
,, ,, stables		25
,, ,, markets		260
,, ,, knackers yard		52
,, ,, and in connection with cases of infecti	ous	
diseases		180
,, ,, elementary schools		1
,, ., foodshops and stores		451
,, ,, shops under Shops Act. 1934		140
,, for purpose of food inspections		1371
,, to Borough meat inspection hut		512
Drains examined under Section 41 Public Health Act		9
Drains tested with water		76
,, ,, ,, smoke or air		150
,, ,, ,, chemicals		—
Miscellaneous visits		1191
Visits to homes of applicants for Corporation Houses		75
TOTAL INSPECTIONS AND VISITS		7521

Service of Notices :---

No.	of informal notices requiring abatement of nuisances, remedying of housing defects, etc	155
No.	of Statutory notices under Sec. 94 Public Health Act, 1875, requiring abatement of nuisances	6
No.	of Statutory notices under Sec. 41 Public Health, Act, 1875, requiring the execution of drainage works	9
No.	of Statutory notices under Sec. 25 Public Health Acts Amendment Act, 1907, requiring the paving of yards	_
No.	of Statutory notices under Sec. 17 Housing Act, 1930, requiring owner to execute works	_
No.	of Statutory notices under Section 32 Folkestone Cor- poration Act, requiring the provision of regulation refuse bins	197
No	of Statutory notices under Sec. 5 Rats and Mice (Destruction) Act, 1919, requiring steps to be taken for the destruction of rats, etc	1
No	of notices served under By-laws relating to keeping of noisy animals and birds	1
No	of applications for certificate under Increase of Rent and Mortgage Interest (Restrictions) Acts, 1920 and 1923	1

DEFECTS REMEDIED :---

Drains.

Houses completely re-drained	 	26
Houses at which sections were re-laid	 	28
Houses at which repaired, cleansed, etc.	 	59
Additional provided	 	7
Sub-soil drained	 	1
New intercepting traps provided		16
New ball-valve intercepting traps provided		13
Stoppers provided to intercepting traps		6
	 	88
Grates to gullies provided	 	1
Nr 1 1 1 1 1	 	57
Manholes altered or repaired	 	29
New covers to manholes provided	 	8
Cesspools constructed	 	2

Soilpipes.

1

New provided			 	 21
Additional provided			 	 5
Repaired			 	 24
Anti-syphonage pipes	provid	ed	 	 5

Ventilating Shafts.

New provided			 	 8
Additional provided			 	 10
Repaired			 	 11
Mica flap valve fixed	or rep	paired	 	 9

Water Closets.

Pail closets abolished and W.C.'s pro	ovided	 	1
Additional provided		 	27
Means of light and ventilation provi	ided	 	10
New pans provided		 	139
Pans cleansed, etc		 	3
Seats repaired or renewed		 	134
New flushing cisterns provided		 	70
Flushing cisterns repaired		 	15
Flush-pipes repaired or renewed		 	63
Roofs repaired		 	14
Ceilings repaired or renewed		 	4
External walls rendered or repaired		 	8
Internal walls rendered or repaired		 	29
Floors repaired or renewed		 	13
Doors repaired or renewed		 	9
Water supply re-instated or provided		 	2
Urinals re-constructed		 	2

Sinks, etc.

Additional provided	 	 	 24
New provided	 	 	 59
Repaired	 	 	 2

wastepipes, etc.			
New provided			94
Disconnected or trapped			8
Repaired, cleansed, etc			17
Anti-syphonage pipes provided			7
Water Supply.			
			1
Storage cisterns cleansed			1
Supply laid on or re-instated			4
Separate taps for drinking provided			1
Pipes and taps repaired			5
Wells abolished and supply taken from main			1
11.2			
Baying ata			
Paving, etc.			1
Yards newly paved			
Yard paving re-laid or repaired			30
Yards cleansed			1
Eaves gutters, etc.			
Eaves gutters provided			2
Repaired or renewed			13
Rainwater pipes repaired or renewed			25
Rainwater pipes disconnected from drain			2
Additional rainwater pipes provided			1
Box pavement gutters provided			1
Dampness.			
Roofs repaired			67
External walls rendered or repaired			63 28
External walls pointed			20 9
Walls treated with damp-proofing material			
		***	39
			4
	•••		3
Dry-areas formed			1
Ceneral Repairs.

Wall plaster repaired	 		 45
Ceilings provided	 	:	 2
Ceilings repaired or renewed	 		 49
Floors repaired or renewed	 		 63
Doors repaired or renewed	 		 12
Windows repaired or renewed	 		 55
Windows made to open	 		 1
Sashcords renewed	 		 197
Additional windows provided	 		 2
Stoves repaired or renewed	 		 14
Coppers repaired or renewed	 		 18
Rooms cleansed, and papered of	temper	ed	 45
Rooms ventilated	 		 2
Chimney stacks and pots rep		newed	 14
Handrails to staircases provid			 12

Miscellaneous.

Accumulations removed			 	 14
Dilapidated outbuildings	den	nolished	 	 16
Animals removed			 	 1
Overcrowding abated			 	 2
Smoke nuisance abated			 	 1
Miscellaneous			 	 1

Dust Receptacles.

Galvanized iron refuse bins provided 25	Galvanized	iron	refuse	bins	provided				259
---	------------	------	--------	------	----------	--	--	--	-----

Dairies.

New covers to manholes provided ... 1

Food Shops and Stores.

Soilpipes repaired				1
Means of light and ventilation to W.	C.s pro	ovided		1
New seats to W.C. pans provided				1
W.C. walls, etc., cleansed				2
Opening between store and comm	unicati	ng W	.C.s	
bricked up				1
Downpipes cleansed, repaired, etc.				1
Walls, etc., cleansed and distempered				3

Factories, Workshops, etc. (including Bakehouses).

Drains repaired, cleansed, etc		 	2
Additional drains provided		 	2
New covers to manholes provided		 	1
Additional soilpipes provided		 	2
Additional ventilating shafts provided		 	1
New W.C.s provided		 	1
Additional W.C.s provided		 	3
Unventilated W.C.s abolished		 	1
W.C. apartments ventilated		 	1
New W.C. pans provided		 	5
W.C. pans cleansed, etc		 	3
New W.C. seats provided		 	4
W.C. walls cleansed and limewashed		 	3
New flushing cisterns provided		 	5
New flushpipes provided		 	4
Water supply to W.C.s laid on		 	2
Additional sinks, etc., provided		 	2
New sink wastepipes provided		 	2
Yards cleansed		 	1
Walls, etc., repaired		 	1
Foodstore adjoining W.C. abolished		 	1
Hood and shaft provided to pressers'	stove	 	1
New cloak-rooms provided		 	2
Bakehouse fittings and utensils clean	sed	 	23
Accumulations removed		 	175

Shops Acts, 1934:

Drains cleansed, etc	 	 1
Additional W.C.s provided	 	 1
Means of light to W.C.s provided	 	 1
New W.C. pans provided	 	 2
New W.C. seats provided	 	 4
New flushing cisterns provided	 	 2
Flushing cisterns repaired	 	 1
W.C. roofs repaired or renewed	 	 2
W.C. internal walls rendered	 	 1
W.C. walls, etc., cleansed	 	 4
New sinks, etc., provided	 	 3

Rats and Mice (Destruction) Act:

Work in connection with and incidental to the execution of the above Act:---

Dilapidated outbuildings demolished	 	13
Outbuildings raised above ground level	 	3
Accumulations removed	 	1

Legal Proceedings.

1 case in respect of failure to comply with a notice requiring the provision of a refuse bin, served under Section 32 of the Folkestone Corporation Act, 1920:—

A fine of 5/- imposed.

4 cases under Section 117 of the Public Health, Act, 1875, in respect of the following unsound foods:---

- (a) A piece of cooked beef deposited for the purpose of sale. A fine of £5 imposed.
- (b) A piece of pressed beef deposited for the purpose of sale. A fine of £5 imposed.
- (c) A number of faggots deposited for the purpose of sale. A fine of £5 imposed.
- (d) A piece of lamb sold and intended for the food of man. A fine of £2 imposed.

5 cases under Section 2 of the Food and Drugs (Adulteration) Act, 1928, in respect of selling milk:---

- (a) Deficient in fat to the extent of 19.0 per cent. Case dismissed.
- (b) Deficient in fat to the extent of 16.0 per cent. Case dismissed.
- (c) Deficient in fat to the extent of 9.0 per cent. Case dismissed.
- (d) Deficient in fat to the extent of 7.0 per cent. Case dismissed.
- (e) Deficient in fat to the extent of 6.0 per cent. Case dismissed.

1 case in respect of filling milk bottles in a place other than on registered premises contrary to Art. 31 (2) Milk and Dairies Order, 1926.

A fine of £1 imposed.

19 Magistrates' Orders granted under Section 117 of the Public Health Act, 1875, in respect of food unfit for human consumption.

Disinfection of Premises, Etc.

No. of rooms disinfected after cases of Scarlet Fever	107
No. of rooms disinfected after cases of Diphtheria	82
No. of rooms disinfected after cases of Typhoid Fever	5
No. of rooms disinfected after cases of Tuberculosis	89
No. of rooms disinfected after cases of Cancer	10
Miscellaneous	6
	299

In addition to the above, the following disinfection was also carried out during the year :--

Royal Victoria Hospital			2	wards
St. Andrew's Home			1	ward
Dover Road Council School		4	class	srooms
Morehall Council School		2	class	srooms
No. of articles of clothing, bed	lding, etc.	, remove	ed to	
and disinfected in Thresh	Steam Dis	infector		3094
No. of library books disinfected	1			112

Animals Slaughtered for Food in the Borough :---

BOVINES :---

Cows	 	 	 	9	
Steers	 	 	 	69	
Heifers				93	
				_	171
Calves		 	 		 963
Pigs					 2998
Sheep					5042
					•
					9174

Food condemned and Destroyed from within the Borough.

BEEF.

1 carcase and all offal 11 lungs 6 heads and tongues 4 mesenteries 2 hearts 2 skirts 71 lbs. tripe 2 livers 2 livers 5 livers 1 liver Portion of liver and skirt 1 lungs 1 head and tongue 1 spleen 1 spleen 1 spleen 337 lbs. top and flank (Imported) 487 lbs. hindquarter (Imported) 238 lbs. forequarter (Imported) 217 lbs. top side (Imported) 42 lbs. fat (Imported) 57 lbs. loin (Imported) 54 lbs. kidney suet (Imported) 20 lbs. sweetbreads (Imported) 43 lbs. kidneys (Imported) 16 lbs. beef 1 tongue and piece of beef 16³ lbs. salt beef

VEAL.

4 carcases and all offal
4 "plucks"
3 hearts and lungs
2 heads and lungs
11 lbs. veal

Generalized Tuberculosis. Tuberculosis. Tuberculosis. Tuberculosis. Tuberculosis. Tuberculosis. Tuberculosis. Cirrhosis. Cavernous Angioma. Abscess. Flukes. Chronic Hepatitis. Pneumonia. Actinomycosis. Inflammation. Congested. Unwholesome. Unwholesome.

Generalized Tuberculosis Tuberculosis. Tuberculosis. Tuberculosis. Unwholesome.

Pork.

32 carcases and all offal 1 carcase and all offal 136 mesenteries 121 heads and tongues 10 " plucks " 7 " plucks " 31 livers 5 livers 6 kidneys 1 mesentery 1 liver 3 lungs and hearts 4 livers and hearts 18 lbs. rind 14 " plucks " 8 lbs. sausages 1 leg

Generalized Tuberculosis. Emaciation and Dropsy. Jaundice. Hydraemia. Pleurisy and Peritonitis. Tuberculosis. Tuberculosis. Tuberculosis. Pleurisy and Peritonitis. Cirrhosis. Parasitic. Cystic. Cystic. Cystic. Pericarditis. Pleurisy. Urticaria. Unwholesome. Unwholesome. Unwholesome.

MUTTON.

carcase and all offal
 liver
 liver
 liver
 liver
 liver
 leg
 leg (Imported)
 shoulder (Imported)
 kidneys (Imported)
 kidneys (Imported)
 tins (10 lbs. each) livers

Septic Pneumonia. Flukes. Echinococcus Cysts. Abscess. Cystircercus Tenuicollis. Bruising. Unwholesome. Unwholesome. Unwholesome. Unwholesome.

FISH.

21 boxes (14 lbs. each) smoked haddocks 87 boxes (14 lbs. each) wet fillets 66 boxes (7 lbs. each) dried fillets 43 boxes (14 lbs. each) kippers 16 stone dabs 16 lbs. whiting roes 7 lbs. bloaters 7 lbs, smoked fillets 37 tins prawns 23 stone lemon sole; 1 gallon shrimps 1 salmon (9 lbs.) 96 lbs. soles 32 stone mackerel 5 stone witches 3 cases coalfish 5 stone herrings 12 stone dogfish 18 lbs. soft roes

Unwholesome. Unwholesome Unwholesome. Unwholesome.

MISCELLANEOUS.

24 grouse
3 turkeys
1 Stilton cheese (12 lbs. 6ozs.)
792 oranges
14 lbs. corned beef
2 tins cooked hams (35 lbs.)
10 sausage rolls
8 lbs. mixed meat trimmings
6 tins loganberries
3 tins plums
1 tin tomatoes
11 lbs. butter
10 faggots
5¹/₂ lbs. pressed beef
5³/₄ ozs. fresh beef

Unwholesome. Carcases and Offals of Animals brought into the Borough and Inspected at the Corporation's Clearing House, or at Shops, Stores, Etc.

BEEF :---Hindquarters 98 77 Forequarters Calves 410 Pigs 2199 764 Sheep Calves', Pigs', and Sheep's " plucks " 4680 Bullocks' offals 54 ...

Food Condemned and Destroyed (Brought in from outside Districts).

BEEF.
1 head and tongue

Tuberculosis.

VEAL.

Tuberculosis.
Tuberculosis.
Tuberculosis.
Unwholesome.

PORK.

61 carcases and all offal Generalized Tuberculosis. 92 mesenteries Tuberculosis. 86 heads and tongues Tuberculosis. 6 " plucks " Tuberculosis. Tuberculosis. 1 lungs 1 lungs Pleurisy. Cirrhosis. 24 livers Parasitic. 3 livers Abscess. 1 leg 2 mesenteries Cystic. 7 lbs. rind Bruising. Unsound. 2 " plucks "

Flukes.
Contaminated.
Contaminated.

Samples of Food Submitted to the Public Analyst for Analysis :--

FORMAL.				INF	ORMAL.	
New Milk (includes 3 taken " course of delivery Skimmed Milk " Economy " Cream Cream Pepper " Cookeen " (Lard) Lentils Butter Butter Malt Vinegar Flour Tinned Peas Mince Pies Black Currant Jelly Ground Almonds	in '') 	$\begin{array}{c} 1 \\ 2 \\ 3 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	Coffee Bread Porrio Whis	Milk e 'Infu	 ision '' 	 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	1.	19				8

Samples of Milk, Submitted to the County Laboratory from the Borough, for Bacteriological Examination :---

Certified	 	 	11
Grade A " T.T."	 	 	10
Grade A (Accredited)	 	 	3
Ordinary	 	 	17
School Milk	 	 	22
			-
			63

Action taken under Tuberculosis Order, 1925.

March. 1935. Slaughtered 1 cow. Advanced tuberculosis September, 1935. Slaughtered 1 cow. Advanced tuberculosis

Samples of Milk Submitted to Chemical Test by Sanitary Inspectors :----

New Milk ... 96

Rats and Mice Destruction Act.

No. of complaints re prevalence of	f rats :	and mi	ce rece	eived	
and dealt with					65
No. of visits paid by Inspectors					77
Approximate number of poisoned b	oaits la	id			3050
Total number of rats known to have	e been	destroy	yed (bo	odies	
found)					463

HERBERT WM. GILL,

M.R.SAN.I.,

Chief Sanitary Inspector, Borough of Folkestone.

HOUSING.

The work of clearance of slum-property and unsatisfactory dwellings makes satisfactory progress.

The second item of the Housing Act (1930) Quinquennial Programme, two Clearance Orders, known as the Bayle Clearance Orders Nos. 1 and 2, comprising fifteen houses, were upheld in toto by the Ministry's representative at an Enquiry held on October 29th. There are thus some eighty (80) houses demolished or in process of demolition under Clearance Orders since the Programme was first undertaken, and this work has continued "pari passu" with the treatment of individual unfit houses of which eleven have been the subject of separate demolition orders.

The work of demolition and of temporary re-housing of displaced tenants in the Radnor Street Area has made satisfactory progress.

Radnor Street Clearance Area.

The work of demolition was commenced on the 2nd May, 1935, and at the end of 1935, 39 buildings, mostly houses, had been demolished. Owing to the necessity of re-housing the fisherfolk on the site it has not been possible to continue the work of demolition.

Two large flights of steps have been constructed with large retaining walls, etc.

Blocks "D" and "E" comprising, respectively, nine and six houses have been commenced.

1. Inspection of Dwelling-Houses during the year :--

(1)	 (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) 	26 0
	(b) Number of inspections made for the purpose	260
(2)	 (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 	10
	(b) Number of inspections made for the purpose	10
		10
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	4
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human	
	habitation (includes all houses at which defects were found and dealt with).	124

	45	
2.	Remedy of Defects during the Year without Service of Fo	ormal
	Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers. (Includes 39 from 1933 and 1934)	116
3.	Action under Statutory Powers during the Year :	
	A—Proceedings under Sections 17, 18 and 23 of the Hou Act, 1930:—	using
	(1) Number of dwelling-houses in respect of which notice were served requiring repairs	Nil
	(2) Number of dwelling-houses which were rendered fit after service of formal notices :	
	(a) By owners	Nil
	(b) By local authority in default of owners	Nil
	B.—Proceedings under Public Health Acts :—	
	(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	1
	(2) Number of dwelling-houses in which defects were remedied after service of formal notices. (In- cludes 2 from 1934) :—	
	(a) By owners	3
	(b) By local authority	Nil

C.—Proceedings under Sections 19 and 21 of the Housing Act, 1930:—

(1)	Number of dwelling-houses	in respect	of wh	ich	
	Demolition Orders were ma	ade			3
(2)	Number of dwelling-houses	demolished	in pur	su-	
	ance of Demolition Orders				6

D	—Proceedings under Section 20 of the Housing 1930:—	Act,
(1)	rooms in respect of which Closing Orders were made	Nil
(2)	rooms in respect of which Closing Orders were determined, the tenement or room having been	1
E	rendered fit	1
	-Proceedings under Section 3 of the Housing Act,	1920 :
(1)	notices were served requiring repairs	Nil
(2)	Number of dwelling-houses which were rendered fit after service of formal notices :	
	(a) By owners (b) By local authority in default of owners	Nil Nil
(3)	Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	Nil
F	-Proceedings under Sections 11, 14 and 15 of the Ho Act, 1925:—	using
(1)	Number of dwelling-houses in respect of which Closing Orders were made	Nil
(2)		
	houses having been rendered fit	Nil
(3)		Nil
(4)	Number of dwelling-houses demolished in pursu- ance of Demolition Orders	Nil
		119/19/19

SECTION E.- INSPECTION AND SUPERVISION OF FOOD.

(a) Milk Supply.

There are six farms within the Borough, and these are regularly inspected. Samples are taken periodically and submitted to the County Laboratory.

Samples of milk supplied from outside the Borough and of locally produced milk are taken periodically and submitted to the County Laboratory, Maidstone, for estimate of bacterial content and for presence or otherwise of tubercle bacilli.

Premises licensed under the Milk and Dairies Order, 1926, and the Milk Special Designations Order, 1923, are regularly inspected.

(b) Meat.

The information under this heading is given on pages 37 to 42.

(c) Adulteration.

Action was taken under the following :--1. Food and Drugs (Adulteration) Act, 1928. 2. Artificial Cream Act, 1929. 3. Public Health (Condensed Milk) Regulations, 1923 and 1927. 4. Public Health (Dried Milk) Regulations, 1923 and 1927, and 5. Public Health (Preservatives, etc. in Food) Regulations, 1925 to 1927.

DATE.	DESCRIPTION.	RESULT.	REMARKS.
26th Feb. 27th Feb.	2 Milks 5 Milks	Genuine Genuine	Free from preservatives. Free from preservatives.
29th Mar.	10 Milks	8 Genuine	Free from preservatives. One deficient in fat to the ex- tent of 30 per cent Ven-
			dor warned by Chief Sani- tary Inspector. One deficient in fat to the ex-
			tent of 2.3 per cent. Ven- dor warned by Chief Sani- tary Inspector.
29th Mar.	1 " Economy " Cream	Genuine	Free from preservatives.
29th Mar.	1 Milk (informal sample)	Genuine	Free from preservatives.
25th Apl. 26th Apl.	9 Milks 5 Milks	Genuine Genuine	Free from preservatives.
20th Apr.	1 Skimmed Milk		Free from preservatives.
17th May	1 Coffee "Infusion" (informal sample)	Genuine Genuine	Free from preservatives.
	1 Coffee (informal sample)	Genuine	
30th May	4 Milks	1 Genuine	Free from preservatives. One deficient in fat to the ex- tent of 6 per cent. Vendor summoned before Borough
			Bench. Case dismissed. One deficient in fat to the ex- tent of 9 per cent. Ven- dor summoned before Bor- ough Bench. Case dis-
			missed. One deficient in fat to the ex- tent of 4 per cent. Ven- dor warned by Chief Sani-
30th May	1 Cream 1 Pepper	Genuine Genuine	tary Inspecter. Free from preservatives.

DATE.	DESCRIPTION.	RESULT.	REMARKS.
7th June	12 Milks	7 Genuine	Free from preservatives. One deficient in fat to the ex- tent of 16 per cent. Ven- dor summoned before Bor- ough Bench. Case dis- missed.
			One deficient in fat to the ex- tent of 19 per cent. Ven- dor summoned before Bor- ough Bench. Case dis- dismissed. One deficient in fat to the
			extent of 7 per cent. Ven- dor summoned before Bor- Bench. Case dismissed.
			One deficient in fat to the extent of 4 per cent. Ven- dor warned by Chief Sani- tary Inspector.
			One deficient in fat to the extent of 3 per cent. Ven- dor warned by Chief Sani- tary Inspector.
11th July	4 Milks	3 Genuine	Free from preservatives. One deficient in fat to the ex- tent of 8 per cent. Vendor dor warned by Chief Sani- tary Inspector.
12th July	3 Milks (taken in course of de- livery)	Genuine	Free from preservatives.
12th July	4 Milks	3 Genuine	Free from preservatives. One deficient in fat to the ex- tent of 8 per cent. Ven- dor warned by Chief Sani- tary Inspector.
12th July	2 Creams 1 " Cookeen " (Lard)	Genuine Genuine	Free from preservatives. Free from preservatives.
7th Aug.	1 "Economy" Cream	Genuine	Free from preservatives.
11th Sept.	1 Milk (informal sample)	Genuine	Free from preservatives.
19th Sept.	5 Milks	4 Genuine	Free from preservatives. One deficient in fat to the ex- tent of 5 per cent. Ven- dor warned by Chief Sani- tary Inspector.
7th Oct.	1 Milk	Genuine	Free from preservatives.
11th Oct.	3 Milks	Genuine	Free from preservatives.
12th Oct.	9 Milks	Genuine	Free from preservatives.
	1 Lentils 1 Butter	Genuine	Free from preservatives.
31st Oct.	3 Milks	Genuine	Free from preservatives. Free from preservatives.
1st Nov.	2 Milks	Genuine	Free from preservatives.
8th Nov.	1 Bread	Genuine	Free from preservatives.
	(informal		
	sample)		

1	
1	
٥.	

DATE.	DESCRIPTION.	RESULT.	REMARKS.
14th Nov.	1 Porridge (informal	Genuine	Free from preservatives.
22nd Nov.	4 Milks	Genuine	Free from preservatives.
	1 Malt Vinegar	Genuine	Free from preservatives.
	1 Flour	Genuine	Free from preservatives
	1 Tinned Peas	Genuine	Free from preservatives.
	1 Pepper	Genuine	Free from preservatives.
	2 Mince Pies	Genuine	Free from preservatives.
	1 Black Currant Jelly	Genuine	Free from preservatives.
	1 Ground Almonds	Genuine	Free from preservatives.
14th Dec.	1 Tinned Prawns 1 Whisky	Genuine	Free from preservatives.
14th Dec.	(informal sample)		
14th Dec.	1 Gin (informal sample)	Genuine	
17th Dec. 17th Dec.	2 Malt Vinegars 1 Malt Vinegar	Genuine	Free from preservatives. Not malt vinegar. Vendor warned by Chief Sanitary Inspector.
17th Dec.	2 Milks 1 Raisin Wine	Genuine Genuine	Free from preservatives. Free from preservatives.
	1 Mincemeat	Genuine	Free from preservatives.
18th Dec.	1 Pork Sausages 2 Malt Vinegars	Genuine 1 Genuine	Free from preservatives. Free from preservatives One contained 5 per cent of
			added water. Vendor warned by Chief Sanitary Inspector.
18th Dec.	3 Milks	2 Genuine	Free from preservatives. One contained 3 per cent of added water. Vendor warned by Chief Sanitary Inspector.
18th Dec.	1 Cheese	Genuine	Free from preservatives.
18th Dec.	1 Sweets (glucose barley mints)	Genuine	Free from preservatives.

(d) Chemical and Bacteriological Examination of Food.

All chemical analyses are carried out by Messrs. Hawkins and Roberts, of Canterbury, and the bacteriological analyses by the County Laboratory, Maidstone (Dr. Ponder).

(e) Nutrition.

Dissemination of knowledge is carried out through the Staff attached to the various Clinics—School, Maternity and Child Welfare, and Antenatal.

N.S.P.C.C.

As in previous years I have received much valuable assistance from Inspector Fletcher of the above Society in connexion with the M. and C.W. Centre and enquiries under the Children Acts. His tactful manner, coupled with his personal knowledge of the cases, is a great help.

SECTION F .- INFECTIOUS DISEASES.

The methods for the prevention of the spread of infectious diseases, which are fully described in my past annual reports, have been carried on continuously and successfully, without change, during the past year.

Typhoid Fever.

There were 4 notifications of this disease during the year. Of these 2 were adult males and 2 adult females, the ages being 43 and 54, and 49 and 45 respectively. Of these, one case, the male aged 54, was notified as Paratyphoid B., but proved later to be a case of Undulant Fever.

Of the remainder, all three proved to be infections of B. Typhosus.

One "outside" case was apparently infected whilst at home in Scotland during a short-lived and not very extensive epidemic.

Of the other two, the source of infection in one case (male) would appear to have been "oysters." Enquiries concerning the possibility of other infections from a similar source were made, at my request, by the Medical Officer of Health for the district where the oysters were purchased, but the enquiries proved negative. The other case of infection by B. Typhosus ۲

was not traced; the mother had had Typhoid Fever twenty years previously, whilst in India, but examination of the excreta failed to prove that she was "a carrier" and responsible for the infection of the daughter.

The proper tracing of the origin of this illness remains as difficult and unsatisfactory as ever.

FOOD POISONING.

(1) Epidemic at a School for Cirls.

This epidemic of gastro-enteritis of a not very serious type was interesting because it was extensive and the source of infection never completely verified, though it seems certain that the infecting agent was cow's milk, inasmuch as the only food common to all who were affected was milk.

Investigation was badly hampered by reason of the fact that all the scholars were taken ill on Friday night or Saturday morning and the epidemic did not come to my notice until the following Monday, when it was impossible to get a sample that was typical of milk consumed.

There were 108 girls affected, and almost all were well enough to return to school on the Monday.

The symptoms were rather sharp, stabbing gastric pains with vomiting in 50% of the cases and diarrhoea in about 16%; some suffered from nausea and "queer feelings" and a few from giddiness. The majority began in 12-24 hours after consuming the milk, though one delicate child began within 3 hours.

Evidence indicated that the milk, which was a Grade A. (T.T.) milk, may have been contaminated either by contamination with a heavy dose of dirt at the dairy or by lack of care in the use of a detergent, which was a Proprietary Article of considerable strength.

The epidemic proves that scrupulous care by intelligent persons is needed throughout every stage of milk-handling from cow to consumer, and raises the question of whether there should not be a standard detergent for the use of the Trade as a whole.

There was no evidence of any dirt in the "straws" through which the milk was taken.

A thorough inspection was made of the farm premises and herd from which the milk came, and no illness was discovered among farm-workers or cattle.

An attempt to obtain samples of blood-serum from some of those affected was not successful, so that no agglutination tests could be carried out. A subsequent sample of milk as supplied to the school showed the presence of blood, suggesting that the sample had come from cows recently calved. It is, however, unlikely that this was the cause of the epidemic, and there is no reason to suspect that blood was present in the milk consumed on the previous Friday.

(2) An outbreak of severe poisoning from ox-tongue which had been kept in brine occurred in four persons, one of whom was affected fatally.

The heifer from which the tongue came was killed on the 9th, the tongue was put straight into brine solution in a galvanized tank, cooked on the 12th, kept in a glazed earthenware basin in a refrigerator, and consumed on the 14th.

The brine sample contained large numbers of staphylococci and a haemolytic strain of S. Aureus, and the symptoms of all four persons may be ascribed to the production of a toxin in the tongue during or after pickling.

The symptoms were intense nausea and vomiting, without pain, sweating or rigor, and began within a few hours of consumption. The fatal case was partly the outcome of age, the person affected being 89.

(3) An interesting case of poisoning from an organism of the Salmonella group (B. Aertryck) occurred in 3 persons—2 adults and a child of $1\frac{1}{2}$ years—from the consumption of imported ducks' eggs.

The symptoms in all three cases were diarrhoea and colic occurring 12 hours after consumption of the eggs.

None of the persons was very ill.

The oldest (63 years) and youngest were most affected, being ill and confined to bed for 5 days—the adult of 25 years was never ill enough for bed.

All were well within a week.

(4) Undulant Fever.

One case of this interesting disease, due to Brucella Abortus, was reported to me by a practitioner.

The illness had a very insidious onset, and this made it impossible to trace the actual source of infection, which was, presumably, cow's milk.

The illness lasted approximately three months and the clinical and bacteriological details were forwarded to the Ministry, thanks to the kindly co-operation of the practitioner who had charge of the case.

Disease.			Total Cases Notified.	Cases ad- mitted to Hospital.	Total Deaths.
Scarlet Fever			99	97	
., Suspects, etc.				4	
Diphtheria			62	58	1
" " Carriers "				11	
,, Suspects, etc.				11	
Erysipelas			16	6	1
Enteric Fever			4	2	
Puerperal Fever and Pyres	tia		7	5	5
Pneumonia			21	7	25
Malaria (contracted abroad)		3	8	
Ophthalmia Neonatorum			1		
Acute Poliomyelitis					
Encephalitis Lethargica					
lerebro-spinal Meningitis			1	1	1
Other diseases notif	iable lo	cally:	1		
Measles			84	4	
terman Measles			28	1	

Notifiable Diseases (other than Tuberculosis).

	Under	1	2	3 (4	5	10	15	20	35	45	65	
	1	10	to	to	to	to	to	to	to	to	to	de de	All
	yr.	2	3	4	5	10	15	20	35	45	65	over	ages
Small Pox													
Scarlet Fever		1	7	4	7	45	12	8	11	5	4		99
Diphtheria .			4	8	4	18	12	10	12	4			62
Enteric Fever									1	1	2		4
Para-Typhoid											1		1
Encephalitis Lethargica			•••										
Puerperal Fever									2				2
Puerperal Pyrexia									8	2			5
Pneumonia	2	1	1	•		1		8	7	1	8	2	21
Cerebro-spinal Meningitis									1				1
Poliomyelitis													
Polio- encephalitis							••••						
Ophthalmia Neonatorum	1								•••				1
Malaria (abroad)									8				3
Erysipelas									- 14	5	7	4	16
Measles	2	1	2		2	10	5	2	9	1			34
Germ a n Measles	1	1		1	2	14	2	1	1				23
Totals	6	4	14	8	15	83	81	19	50	19	17	6	272

Notified Cases of Infectious Disease, 1935:-

Vaccination by the Medical Officer of Health.

No cases of Smallpox have occurred during the year in the Borough.

Vaccination.

The figures in the following table give some idea of the paucity of infants vaccinated during the past ten years :--

		No. of	
	Primary	live births	Percentage
Year	Vaccinations.	Registered.	Vaccinated.
1926	198	494	40
1927	161	442	36
1928	163	506	32
1929	173	471	36
1930	142	471	30
1931	186	481	38
1932	130	411	31
1933	161	429	37
1934	209	555	37
1935	244	647	37

The above indicates the continued apathy which the general public shows towards the only proved preventive against Smallpox, notwithstanding the propaganda work which is carried on by the Public Health Department.

Cleansing and Disinfection of Verminous Persons and their Belongings.

Facilities for this purpose are afforded at the Cleansing Station which is established at the East Cliff Works.

Disinfection of premises and articles is carried out by the occupiers under the supervision of the Sanitary Inspectors, but where necessary, clothing and blankets are removed to the Cleansing Station for this purpose.

(a) Cancer.

There has been no notable rise in the number of cases of Cancer during the year. The localisation of the disease occurred in the throat and neck, and digestive organs principally, for the males; while the breast and cervix were the most common in the females. From 40 onwards is undoubtedly the age at which the disease generally makes its appearance.

Every opportunity is taken at the Clinics here to advise, and to give warning that any slight symptom of a suspicious nature should be investgated by a medical man immediately.

(b) Prevention of Blindness.

Action has been taken under Section 66 of the Public Health Amendment Act, 1925, inasmuch that I have concluded a satisfactory arrangement in conjunction with the County Authority.

(c) Public Health (Prevention of Tuberculosis) Regulations, 1925.

It has not been found necessary to take action under these regulations relating to tuberculosis employees in the milk trade, no instances having occurred during the year.

Public Health Act, 1925; Section 62.

No action has been taken under this Section during the year.

			New	Cases.			Dea	ths.	
Ag Peri	ge ods.	Pulme	onary.	Nor Pulm	n- onary.	Pulm	onary.		on- onary.
		м.	F,	м,	F.	м.	- F.	М.	F.
0								1	
1				2	2			2	1
5		1	1	1	1				
15			6	2	4	8	3		
25		8	5	1	2	1	4		
85		6	2	1	1	8	2		1
45		5	8	1	1		1		
55		1	2	1	8	3 .			
65 an upw	d vards	1	••	1		8	1		
Totals		22	19	9	14	13	11	• 3	2

Tuberculosis.

There were only four non-notified deaths out of a total of 29 deaths from Tuberculosis, i.e., 1 in 7. There was no evidence of excessive incidence, or mortality from, any particular occupation in the area. The notification of all infectious diseases is generally most satisfactory and efficient.

NATURE OF WORK. 1.		In- stances (2)	Notices served (3)	Prose- cutions (4)
Wearing Apparel-	1			
Making, etc				
Cleaning and washing				
Household linen				
Lace, lace curtains and nets				
Curtains and furniture hangings				
Furniture and upholstery				
Electro-plate				
File making				
Brass and brass articles				
Fur pulling				
Cables and chains				
Anchors and grapnels				
Cart gear				
Locks, latches and keys				
Umbrellas, etc				
Artificial flowers				
Nets, other than wire nets	(- N	IIL.	
Tents				
Sacks				
Racquet and tennis balls				
Paper, etc., boxes, paper bags				
Brush making				
Pea picking				
Feather sorting				
Carding, etc., of buttons, etc				
Stuffed toys				
Basket making				
Chocolates and sweetmeats				
Cosaques, Christmas crackers, Christmas	nas			
stockings, etc				
Textile weaving				
Lampshades	. /			
	1	1	1	
TOTAL				

OUTWORK IN UNWHOLESOME PREMISES, SECTION 108

BAROMETER AND TEMPERATURES.

Annual Meteorological Report, 1935.

BOROUGH OF FOLKESTONE.

	RA	RAROMETER	RR						TEMPER	TEMPERATURES				
		Millibars			Mean Daily	Abs	Absolute		;	:	Lowest	Moon	No of	Tunidite
Mean	Highest	Date	Lowest	Date	Temper-	Max.	Min.	Mean Max.	Mean Min.	Daily Range	Grass Min.	4ft. in Ground	Ground	
1023.9	-	20th	0993 7	26th	40.7	52.0	28.0	44.8	97.1	0.4	10.0	10.01	10	-
1008.3		7th	6.9260	25th	42.6	0.99	0.18	1.17	1.88	9.0	0.50	10.0	12	9.1.9
1021.9	_	Sth	0994.4	lst	43.1	0.69	0.66	18.5	2.7.2	300	0.07	0.21	RCF	2.00
1009.7		29th	0993.3	17th	47.6	0.19	91.0	6.69	49.3	9.01	0.86	0.0F	61	6.6/
1018 0	1030.4	8th	1009.4	18th	8.02	72.0	33.0	0.19	L-77	8.61	0.00	9.12	N C	5 0 T
1014.3		28th	L-1660	5th	0.69	81.0	45.0	64.7	53.4	e. []	0.08	0.42	9 0	1 00
1020.0		23rd	1003-8	20th	84.8	82.0	49.0	72.5	57.2	15.3	41.0	5.09		0 0 0 0
1016-2		6th	0 8660	28th	63.3	83.0	46.0	9.02	56'2	14.3	0.68	69-1	00	1 7 1
1012 6		10th	1 6860	17th	9.62	72.0	44.0	65.0	54.3	2.01	0.08	0.09		1.61
1011-5		13th	6.2860	3rd	52.4	63.0	32.0	57-7	1.17	10.6	0.96	N-12	> 0	1 10
1006-7		25th-	0978.4	17th	47.8	0.09	0.98	52.0	43.6	4.8	0.16	P.85	a c	1 10
1004.1	_	12th	8.1160	26 th	6.68	50.0	28.0	43.8	36.1	1.1	21.0	6.14	13.6	0 10 W.08
											11		1	M 200
1013-9	1	1	I	1	50.9	I	1	56.3	45.6	10.7	1	1	1	1

Barometer corrected to Mean Sea Level Barometer 132 ft. above Mean Sea Level. Thermometers 4ft. above ground.

Warmest Day (83.0° F) on 22nd August. Coldest Day (28.0° F) on 30th January and 21st December. CAMPBELL STOKES RECORDER, 40ft. ABOVE GROUND. SUNSHINE.

	model	Daily	Dame of	Sunni	Sunniest Day		Number (Number of Days with Duration	Duration	
Month	Hours	Average	Sunshine	Hours	Date	0.1 to 3.0 hours	3'1 to 6'0 hours	6.1to 9.0 hours	0 ver 9 hours	No Sunsbine
JANUARY	49.5	1.6	20	9.9	31st	15	3	5	1	11
FEBRUARY	. 64.4	2.3	18 .	6.1	26th	00	7	63	1	10
MARCH		6.8	25	7.01	21st	6	9	80	2	9
APRIL	. 162.3	5.4	26	9.11	23rd	5	9	10	ð	4
MAY	222.2	7-2	30	13.8	21st	4	7	80	11	1
JUNE	. 246.1	8.5	28	14.9	29th	4	4	7	13	2
JULY	. 322.8	10.4	31	14.2	14th	1	4	9	21	1
AUGUST	. 224.0	7-2	29	14.1	2nd	4	80	3	14	2
SEPTEMBER	166.6	9.9	28	9.11	2nd	5	10	9	7	2
OCTOBER	. 118.8	00.00	29	8.6	12th	14	9	30	1	2
NOVEMBER	. 54.1	1.8	23	9.9	24 th 25 th	16	5	5	1	7
DECEMBER	41.3	1.3	21	1.9	23rd	16	40	1	1	10
TOTALS	. 1792.0		308	1	I	100	71	63	74	57
MEANS	. 149.3	4.9	1	1	1	1	1	I		1

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	Total Fall	Fall	Days of Rain	Greatest Fall	st Fall		No. 0	f Days (w	No. of Days (with Amounts)	ints)	
Month.	Millimetres Inches	Inches	Above 0.1 m/m	Millimetres	Date	Trace or 0.1 m/m	0.2 to 1 m/m	1.1 10 5 m/m	5.1 to 15 m/m	15.1 to 25 m/m	Above 25 m/m
JANUARY	59.2	2.3	18	12.6	6th	2	9	8	4		1
FEBRUARY	. 93 4	1.8	19	12.7	24th	0	9	5	80	1	1
MARCH		8.0 8.0	2	2.6	2nd	10 0	5	63 1	1	1	1
MAY	45.7	1.8	13	10.0	8th 14th	c3 6	4 4	6	00 W	1	11
53		2.4	16	15.4	9th	4	.4	4 00	a ea	-	
		0.3	5	3.1	18th	4	5		• 1	• 1	1
AUGUST .	. 1118	4.4	11	28.2	30th	4	61	1	9	1	1
SEPTEMBER		3.5	14	17.5	24th	2	2	10	2	6	1
OCTOBER	. 102.3	40	19	16.6	9th	2	5	8	61	4	1
NOVEMBER		6.2	22	24.7	7th	9	+	8	9	4	1
DECEMBER		co.co	19	13.4	29th	5	4	80	1	1	I
TOTAL	901.3	35.5	182		I	51	50	65	54	12	-
MEANS	. 75.1	3.0	1	. 1	1	1	1	1	1	1	1

Note.--1 inch equals 25.4 millimetres.

Diameter of Rain Gauge Height of Rim of Rain Gauge above ground Height of Rain Gauge Site above Mean Sea Level

5 inches. 12 inches.

101 feet.



