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1923.



**ANNUAL REPORT**  
**ON THE HEALTH**  
OF THE  
**Rural Sanitary District**  
OF THE  
**ISLE OF WIGHT,**

BY  
**J. ALBERT GIBSON, M.B.E.,**  
M.D., D.P.H.,  
**Medical Officer of Health.**

*Isle of Wight:*

Printed by Arthur J. Matthews, The Square, Shanklin,

1924.

## ANNUAL REPORT 1923.

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- (a) Information relating to the area and the circumstances of the year in regard to the matters specified in the

### Appendix :

- 1.—General Statistics.
  - 2.—Extracts from vital statistics of the year.
  - 3.—Notifiable diseases during the year.
  - 4.—Causes of sickness.
  - 5.—Summary of nursing arrangements, hospitals, and other institutions available for the district.
  - 6.—Laboratory work.
  - 7.—Sanitary work.
  - 8.—Public Health staff.
  - 9.—Housing.
- (b) A statement of any noteworthy conditions prejudicial to the health of the area, and observations in regard to the character and results of any important measures affecting the public health taken in the area.
- (c) A statement of any noteworthy occurrence affecting the public health during the year.
- (d) A statement of any special action taken during the year in the area to arouse public interest in the prevention of ill-health.
- (e) A summary of important special reports (if any).

CASTLE VIEW,

CARISBROOKE,

March, 1924.

*To the Members of the Isle of Wight Rural District Council.*

MR. CHAIRMAN AND GENTLEMEN,

I have the honour to submit the Annual Report on the sanitary circumstances, the sanitary administration, and the vital statistics of the district during the year 1923.

In accordance with the instructions of the Ministry of Health contained in Circular 451, the report for the year 1923 is an "ordinary" and not a "survey" report, and therefore matters which do not change from year to year have been omitted.

The number of cases of diphtheria (3) notified has been the lowest on record, and the number of deaths of infants (14) under one year of age has also been the lowest on record.

The abolition of privy pits still proceeds, and thus does away with a grave nuisance. The most urgent need in the district is the provision of small destructors or incinerators in order to do away with the unsightly and insanitary refuse dumps, which breed flies and rats.

I remain, Gentlemen,

Your obedient Servant,

J. ALBERT GIBSON.

**(a) 1. General Statistics.**

Area in acres ... ..	86,925
Population (1921) ... ..	30,910
Number of inhabited houses (1921) ... ..	6,785
Number of families or separate occupiers (1921) ... ..	6,878
Rateable value... ..	£166,136
Sum represented by a penny rate ... ..	£692

**CENSUS 1921.**


The official returns were issued in a volume for the County of Hampshire, including the Isle of Wight, at the close of the year 1923, and this showed the total population of the District as 30,910, the provisional figure which had been obtained on request in 1921 being 30,925. This showed a small decrease on the total population recorded at the Census of 1911, viz., 31,059. This decrease, however, is apparently entirely owing to the decrease in Naval and Military Institutions, which have suffered a large decrease since the Great War, the population of the District in so far as the civil population is concerned showing an increase of over 1500.

At the Census of 1911, owing to the numbers in Naval and Military Institutions, the males exceeded the females by 1,329, whereas at the Census of 1921, the females exceeded the males by 1,132. These figures are taken from the total population. As the number of males considerably exceeded the number of females in Institutions at the recent Census, it will be seen that the excess of females over males in the civil population is considerable.

The following Table shows the total population for each Parish, with the number of private families, separate dwellings, &c. :

CENSUS 1921.

Name of Parish.	Area in Acres.	1911.	1921. Males.	1921. Females.	1921. Total.	Private Families.	Population in these Private Families.	Separate Dwellings Occupied.	Rooms Occupied.	Rooms per person.
Ashey ...	3374	1471	661	766	1427	389	1393	388	1925	1.38
Bembridge ...	2003	1428	849	1124	1973	404	1728	393	2599	1.50
Binstead ...	1207	969	497	516	1013	237	917	234	1432	1.56
Bonchurch ...	565	530	155	346	501	103	398	103	705	1.77
Brading ...	5524	1563	792	904	1696	422	1643	416	2429	1.48
Brighstone ...	2846	469	208	225	433	114	433	111	627	1.45
Brooke ...	991	220	108	110	218	55	211	53	319	1.51
Calbourne ...	6556	720	328	342	670	168	665	167	1034	1.55
Carisbrooke ...	7854	5139	2782	1985	4767	655	2725	651	3566	1.31
Chale ...	2213	565	259	309	568	143	539	142	768	1.42
Freshwater ...	3522	3192	1566	1873	3439	768	3150	751	4561	1.45
Gatecombe ...	2804	369	193	148	341	84	341	84	443	1.30
Godshill ...	6407	964	453	519	972	248	969	242	1347	1.39
Kingston ...	961	68	31	31	62	13	62	13	71	1.15
Mottistone ...	1097	100	47	58	105	24	105	24	125	1.19
Newchurch ...	2960	751	371	336	707	188	707	186	968	1.37
Niton ...	1337	866	388	540	928	237	857	237	1373	1.60
Northwood ...	4367	2385	1137	1106	2243	554	2242	533	2941	1.31
St. Lawrence ...	329	366	141	169	310	27	100	27	182	1.82
Shalfleet ...	5325	822	365	470	835	226	834	225	1252	1.50
Shorwell ...	3851	541	252	221	473	113	473	113	669	1.41
South Arreton ...	5305	932	420	430	850	216	826	214	1250	1.51
Thorley... ..	1581	152	71	72	143	32	142	32	154	1.08
Totland ...	1332	1441	697	992	1689	354	1484	351	2579	1.75
Whippingham ...	8164	2545	938	1095	2033	467	1871	466	2817	1.51
Whitwell ...	1909	681	352	312	664	172	585	172	937	1.60
Wroxall ...	1661	828	389	467	856	218	856	218	1162	1.36
Yarmouth ...	57	847	385	508	893	230	887	223	1292	1.46
Yaverland ...	823	135	54	47	101	17	77	16	100	1.30
Totals ...	86925	31059	14889	16021	30910	6878	27220	6785	39645	1.46



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On April 1st a portion of the parish of Northwood, including the village of Gurnard, was, as the result of an inquiry by the Ministry of Health, transferred to the Urban District of Cowes. The Registrar-General's estimate of the population before that date was 29,680, and, since the transfer, 28,790, that is, a reduction of the parish of Northwood, by 890. As the births and deaths exclude those which were registered in the transferred area after the date of the transfer, the estimate supplied as an adjusted population for the middle of the year, is 29,010, and on this figure the birth-rates and death-rates are estimated.

## 2. Extracts from Vital Statistics of the Year.

Births—	Total.	Males.	Females.
Legitimate ... ..	424	221	203
Illegitimate ... ..	16	9	7
Birth-rate ... ..	...	...	15.1
Deaths—302.			
Death-rate ... ..	...	...	10.4
Number of women dying in, or in consequence of child-birth—			
(a) From Sepsis ... 0	(b) From other causes ... 0		
Deaths of infants under 1 year of age per 1000 births—			
Legitimate 31.8	Illegitimate 0.0	Total 31.8	
Deaths from Measles (all ages)	...	...	1
„ „ Whooping Cough (all ages)	...	...	4
„ „ Diarrhœa (under 2 years of age)	...	...	3

### BIRTHS.

The total number of births was 440, the average for the previous ten years being 470. This gives a birth-rate of 15.1 per 1,000 living, the birth-rate for England and Wales generally being 19.7.

Of these 440 births, 230 were males and 210 females, this being the fourth year in succession that the number of male births exceeded the number of females.

In the ten previous years the average number of male births was 244 and the average number of females 226.

Of the 440 births, 16 were illegitimate.

### DEATHS.

The total number of deaths was 302, the average for the previous ten years being 345. This gives a death-rate of 10.4, the death-rate for England and Wales generally being 11.6.

The causes of death were as follows :

Measles ... ..	1
Scarlet Fever ... ..	2
Whooping Cough ... ..	4
Influenza ... ..	5
Encephalitis Lethargica ... ..	1
Tuberculosis (respiratory) ... ..	16
Tuberculosis (other) ..	5
Cancer and malignant disease ... ..	50
Diabetes ... ..	3
Cerebral hæmorrhage ... ..	24
Heart Disease ... ..	45
Arterio-sclerosis ... ..	8
Bronchitis ... ..	21
Pneumonia ... ..	9
Other respiratory diseases ... ..	5
Ulcer of the stomach or duodenum ... ..	3
Diarrhœa (under 2 years) ... ..	3
Appendicitis ... ..	6
Nephritis ... ..	5
Congenital debility and premature birth ... ..	6
Suicide ... ..	2
Violence ... ..	8
Other defined diseases ... ..	70
	<hr/>
	302
	<hr/>

The deaths from cancer and malignant disease number 50 as compared with an average of 35 during the previous 10 years.

The deaths from tuberculosis, pulmonary and otherwise, number 21, the average for the previous 10 years being 26.

The deaths from scarlet fever (2) were double the average for the previous 10 years.

The deaths from whooping cough (4) were in excess of the average for the previous 10 years, viz., 2.5.

The deaths from pneumonia (9) compared favourable with the average for the previous 10 years, viz. 15.8.

The deaths from influenza (5) also compared favourably with the average for the previous 10 years, viz. 17.8.

No death was reported from diphtheria, the average for the previous 10 years being 2.5.

#### NATURAL INCREASE OF BIRTHS OVER DEATHS.

Year.		Births.	Deaths.	Increase.
1913	...	490	307	183
1914	...	500	316	184
1915	...	420	394	26
1916	...	494	379	115
1917	...	395	308	87
1918	...	451	400	51
1919	...	415	332	83
1920	...	602	301	301
1921	...	521	326	195
1922	...	436	358	78
		<hr/>	<hr/>	<hr/>
Average	...	472	342	130
		<hr/>	<hr/>	<hr/>
1923	...	440	302	138
		<hr/>	<hr/>	<hr/>

It will be seen from the above table that the natural increase of births over deaths was slightly above the average for the previous 10 years.

#### LONGEVITY.

It is interesting to note that of the 302 deaths 124, or, over 41 per cent., were over 70 years of age, and 60, or just under 20 per cent., were over 80 years. Eight were over 90 years.

#### INFANTILE MORTALITY.

The total number of deaths under one year of age was 14, the average for the previous ten years being 26.6.

This gives an infantile mortality rate of 31.8 per 1,000 registered births, which is the lowest on record in the district.

The infantile mortality rate for England and Wales generally was 69.

The average infantile mortality rate for the district for the previous ten years, was 56.

The deaths during the year occurred in the following parishes:—

Ashey	...	...	1
Brading	...	...	1
Brightstone	...	...	1
Carisbrooke	...	...	3
Northwood	...	...	4
St. Lawrence	...	...	1
Totland	...	...	1
Whippingham	...	...	1
Yarmouth	...	...	1
			—
			14
			—

No death occurred among illegitimate children under one year of age.

## 3. Notifiable Diseases during the Year 1923.

Disease	Total cases Notified.	Cases admitted to Hospital.	Total Deaths.
Diphtheria ...	3	3	0
Scarlet Fever ...	14	14	2
Enteric Fever ...	2	2	0
Pneumonia ...	2	0	9
Erysipelas ...	6	0	0
	27	19	11

## AGE AT DATE OF NOTIFICATION.

Age.	Diphtheria.	Scarlet Fever.	Enteric Fever.	Pneumonia.	Erysipelas.
Under 1					1
1 and under 2.					
2    "    3	1				
3    "    4	1	2			
4    "    5					
5    "   10	1	6			
10   "   15		4			
15   "   20				1	
20   "   35		1		1	
35   "   45		1	2		1
45   "   65					3
65 and over.					1
	3	14	2	2	6

## DIPHTHERIA.

Of the three cases of diphtheria notified during the year, 2 occurred in the same house in the Parish of Wroxall in the month of February, and were removed to the Undercliff Isolation Hospital. The third case was notified in the month of May from a farm in Brading, and was removed to the Isolation Hospital at Fairlee, but was discharged shortly after, as negative swabs were obtained from admission onwards.

## SCARLET FEVER.

Of the fourteen cases of scarlet fever notified, 1 occurred in the month of April, 1 in May, 1 in July, 2 in August, 5 in October, and 4 in December.

As regards the Parishes, 1 occurred in the Parish of Newchurch, 1 in South Arreton, 1 in Northwood, 3 in Totland, 4 in Brading, and 4 in Wroxall.

Of these 14 cases, 2 died, one being notified in July in South Arreton, and proved to be of a virulent type. The other death occurred in a patient notified in Wroxall in the month of December.

## ENTERIC (TYPHOID) FEVER.

As regards the two cases of Enteric (Typhoid) Fever, both occurred in one house in the months of February and March, and were removed to the Isolation Hospital at Fairlee. A relative had been staying in the house who had been suffering from some prostrating condition from which he had made a very bad recovery, but it was impossible to prove the actual source of infection.

## PNEUMONIA.

Of the two cases of pneumonia notified, 1 occurred in Carisbrooke in the month of September, the other having been

notified in the County Mental Hospital in the month of March.

### ERYSIPELAS.

As regards the six cases of erysipelas, 3 occurred in Freshwater, 1 in Asheby, and 2 in Carisbrooke.

### OPHTHALMIA NEONATORUM.

No case of this kind has been notified during the year. The disease has now been notifiable for ten years, during the first five of which 30 cases were notified, while during the latter five only 8 were notified.

### ENCEPHALITIS LETHARGICA.

One child died of encephalitis lethargica in the Royal Isle of Wight County Hospital at Ryde in the month of June, and although not notified in the district, was a resident of the Parish of Whippingham.

As regards the methods adopted to prevent the spread of these diseases, every endeavour is made to induce parents to allow children suffering from diphtheria or scarlet fever to be removed to the Isolation Hospital, and disinfection is carried out after their removal.

Diphtheria has shown a marked decrease in latter years, the number notified this year being 3, while the average for the previous 10 years was 25.7. But the absence of this disease is apt to produce a false sense of security, while experience shows that it is necessary to be constantly prepared to face an outbreak, and you have provided facilities for every general practitioner to initiate the earliest steps which no one else can take. Every practitioner is entitled to be provided with a sterile swab, which can be sent to the Clinical Research Association in every doubtful case, but it is also essential that antitoxin should be injected immediately, and without waiting for the result of the swab, as every day's delay seriously

increases the risk of fatal termination, and you have for many years sanctioned the payment for antitoxin used by practitioners in early cases, provided that the address of the patient can be verified to your satisfaction as being within the District.

During the fifteen years 1893-1907, 642 cases of diphtheria occurred, that is an average of 42.8 per annum, whereas during the fifteen years 1908-1922, 472 cases occurred, or an average of 31.4.

The percentage of deaths during the fifteen years 1893-1907 was 16.9, while during the fifteen years 1908-1922 it was 9.5, which is still far too high, and is entirely due to the delay in administering antitoxin.

During the three years ending 31st December, 1923, there have been 30 cases of diphtheria with one death, or at the rate of 3.3 per cent.

#### TUBERCULOSIS.

Age Periods.	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 and under 1								
1 " " 5			1				1	1
5 " " 10	2			1				
10 " " 15		1						
15 " " 20	1	1	1					
20 " " 25	1	1			2	1		
25 " " 35	3	2			1	2		
35 " " 45	6	2			4	1	1	
45 " " 55	1				1	1		2
55 " " 65	3				3			
65 and upwards.		1						
	17	8	2	1	11	5	2	3

## TUBERCULOSIS.

The total number of notifications of tuberculosis received during the year amounted to 28, and of these 25 were cases of pulmonary tuberculosis, and 3 other forms. At the beginning of the year 1923 the Register contained the names of 76 cases, making a total of 104. Three patients who had left the district returned to it during the year, and 8 cases died without having been notified, making a total of 115, and 2 deaths of persons belonging to the District, who died in other Districts, were transferred to this District by the Registrar General. The total number of patients who were thus known to be suffering from tuberculosis during the year 1923 was therefore 117. Of these 20 died, and 15 left the District, leaving 82 on the Register at the close of the year.

Of 21 deaths, notifications had been received in regard to 10. As regards the other 11, 2 were received as transfer deaths from other Districts; 1 died at the Royal National Consumption Hospital and was a resident of Gloucestershire, but was not transferred away by the Registrar General, and has therefore to be included in the deaths of residents; and in the cases of the remaining 8 it is difficult, owing to the movements of patients from one Parish to another, to ascertain whether the practitioner in attendance has grounds to consider that the case has already been notified. Article IV of the Public Health Tuberculosis Regulations, 1911, states that "every Medical Practitioner attending on or called in to visit any person shall, within 48 hours after first becoming aware that such person is suffering from Pulmonary Tuberculosis, complete, sign, and transmit a notification of the case to the Medical Officer of Health for the Area within which the place of residence of the person is situate, *provided that* a Medical Practitioner shall not be required under these Regulations to notify any case of Tuberculosis, which has already to his knowledge been notified to the Medical Officer of Health."

On receipt of a notification enquiries are made as to the

surroundings of the patient, and the house is inspected under the Housing Acts, if this has not recently been carried out. On the removal of a patient from the District, or on the death of a patient, the room is disinfected, and the bedding, if necessary, removed to the Isolation Hospital for steam disinfection, or in cases where the bedding is much soiled, it is destroyed and compensation given.

At the end of each week a list of all notifications received, and all admissions and discharges from Sanatoria, is sent to the Tuberculosis Officer of the County Council, who are responsible for the treatment of the patients, and make all arrangements for admission to Sanatoria.

#### **4. Causes of Sickness.**

Whooping Cough was prevalent in the Gatcombe District during the month of July, and in Whitwell in the month of August. Measles was prevalent at Brading in September, while stray cases of Chickenpox occurred in several Districts at different times throughout the year.

#### **5. Summary (for reference) of Nursing Arrangements, Hospitals, and Other Institutions available for the District.**

##### PROFESSIONAL NURSING IN THE HOME.

###### (a) GENERAL.

District Nurses are provided in the following Districts:—

*Ashey and Binstead Parishes* are provided for by the Ryde and District Nursing Association, who have several trained nurses available.

*Brading and Yaverland* have a district nurse under a local Committee.

*Brighstone, Brooke, and Mottistone* have a district nurse under a local Committee.

*Calbourne* has a district nurse under a local Committee.

*Carisbrooke* has a Queen Victoria Nurse under a local Committee, and she attends the Parish generally, which includes the married quarters at Albany Barracks.

*Chale, Kingston, and Shorwell* have a District Committee, which provides a Nurse.

*Freshwater and Totland* have a Joint Nursing Association employing 2 nurses, who live at the War Memorial Nursing Home, where 2 beds are provided for cases of emergency, and a wheeled litter is available for any accident.

*Gatcombe* district, which includes part of South Arreton and part of Godshil, has a nurse under a local Committee.

*Niton, Whitwell, and St. Lawrence* form a District Committee which employs a nurse.

*Wootton Bridge* has a Nursing Association employing a nurse, who attends a considerable part of Whippingham.

*Yarmouth* has a nurse whose district extends to Thorley, Wellow, and Ningwood.

The Parish of Bonchurch is provided for by the Ventnor Nursing Association, who employ 2 nurses.

All these Nursing Associations are affiliated to the Isle of Wight County Nursing Association.

The part of Whippingham close to East Cowes is supplied by the East Cowes and Whippingham District Nursing Association, who employ one nurse.

*Bembridge* is provided for by a local Committee.

*Northwood* is provided for by the Cowes District Nursing Association.

These latter Nursing Associations are not affiliated to the County Nursing Association.

Grants are given by the County Council for health visiting to the following Nursing Associations:—

Bembridge District Nursing Association.  
 Brading and Yaverland ditto.  
 Brighstone, Brooke, and Mottistone ditto.  
 Calbourne ditto.  
 Carisbrooke ditto.  
 Chale, Kingston, and Shorwell ditto  
 Freshwater and Totland ditto.  
 Gatcombe, Rookley, and Godshill ditto.  
 Niton ditto  
 Wootton Bridge ditto  
 Yarmouth and District ditto.  
 Ryde ditto (which provides for Asheys and Binstead)  
 Ventnor ditto (which provides for Bonchurch).

Grants are given by the Isle of Wight Board of Guardians to the following Nursing Associations:—

Bembridge Nursing Association.  
 Brighstone ditto.  
 Calbourne ditto.  
 Carisbrooke ditto.  
 Chale, Kingston, and Shorwell ditto.  
 Cowes ditto (Northwood).  
 East Cowes Nursing Association (Whippingham).  
 Gatcombe, Rookley and Godshill Nursing Association.  
 Freshwater and Totland ditto  
 Ryde (for Asheys and Binstead) ditto  
 Sandown (for Newchurch) ditto.  
 Ventnor (for Bonchurch) ditto.  
 Wootton Bridge ditto  
 Yarmouth and District ditto.

The parishes of Newchurch, South Arreton and Wroxall have no provision for nursing, and it is hoped the Isle of Wight County Nursing Association may be successful in their efforts to establish nurses in these parishes, as there can be no doubt that the district nurse performs a very useful part of the general scheme for the mitigation of suffering, as well as the prolongation of life.

(b) FOR INFECTIOUS DISEASES.

No provision is made for the nursing of infectious diseases in the homes of the people, and it rests with the parents to provide nursing for such cases as Measles, &c.

As regards the more serious infectious diseases such as Diphtheria, every one is urged to send the patients to the isolation hospital provided by you and which will be referred to later.

MIDWIVES.

The total number of midwives who practised in the District during the year amounted to 24, and of these 4 left before the end of the year. Of the 20 who remained at the end of the year, 16 were resident in the District, and 4 were resident in other Districts. Those living within the District were resident in the following Parishes :

Bembridge	...	...	1
Brading ...	...	...	1
Brighstone	...	...	1
Calbourne	...	...	1
Carisbrooke	...	...	3
Chale ...	...	...	1
Freshwater	...	...	2
Gatcombe	...	...	1
Niton ...	...	...	2
Totland ...	...	...	1
Whippingham	...	...	1
Yarmouth	...	...	1
Total	...	...	<hr/> 16 <hr/>

CLINICS AND TREATMENT CENTRES.  
MATERNITY AND CHILD-WELFARE CENTRES.

Name.	Situation.	Parishes.	By whom provided
Ryde ...	Ryde ...	Ashey & Binstead ...	Ryde N.A.
Bembridge ...	Bembridge ...	Bembridge ...	Bembridge Infant Welfare Committee.
Sandown ...	Sandown ...	Newchurch...	Infant Welfare Committee.
Brading ...	Brading ...	Brading & Yaverland	Brading Infant Welfare Committee.
Freshwater and Totland.	Freshwater ...	Freshwater & Totland	Freshwater & Totland Infant Welfare Committee.
Cowes ...	Cowes ...	Northwood (part of)...	Infant Welfare Committee.
East Cowes ...	East Cowes ...	Whippingham (part of)	Infant Welfare Committee.
Carisbrooke ...	Carisbrooke ...	Carisbrooke (part of)	Carisbrooke Infant Welfare Committee.
Barracks ...	Barracks ...	Carisbrooke (part of)	Army Authorities.
Ventnor ...	Ventnor ...	Bonchurch ...	Ventnor Infant Welfare Committee.

Venereal diseases are provided for by the County Council, the centre being at the Isle of Wight County Hospital and at a building behind the County Hall, Newport, open for out-patients on one afternoon each week. There are two beds available at the Hospital, if necessary.

HOSPITALS PROVIDED OR SUBSIDISED BY THE  
LOCAL AUTHORITY OR BY THE COUNTY COUNCIL.

1. Tuberculosis. Longford House, Havenstreet, in the parish of Ashey was opened in August, 1922, by the County Council as a Sanatorium for women and children, the total number of beds being 23, the division

being approximately 14 for women and 9 for children.

Hawthorndene, Bonchurch, has accommodation for 20 women.

The Hermitage, Whitwell, can accommodate 80 men. These latter are private Institutions.

St. Catherine's Home, Niton, has accommodation for children.

2. Maternity.
3. Children.

No special provision is made by any Authority towards Maternity or diseases of children within the district.

4. Fever. You are one of the constituent Authorities of the Joint Hospital Board, and therefore have provision as regards 24 of your 29 Parishes for the treatment of infectious diseases, such as diphtheria, scarlet fever, and enteric fever, at the Joint Board's Isolation Hospital at Fairlee, near Newport, which has accommodation for about 40 patients, there being 4 wards, and 7 single rooms. The remaining 5 Parishes of the District, viz. Bonchurch, Niton, St. Lawrence, Whitwell, and Wroxall, are provided for in association with Ventnor by the Undercliff Isolation Hospital Board. The two Hospitals differ in the method of work, as at Fairlee the patient receives medical attention from the Medical Superintendent, whereas in the Undercliff Hospital no medical attendance is provided for the patient, who has to make arrangements with a private practitioner, and this arrangement naturally tends to discourage the removal to Hospital of patients with infectious diseases, such as scarlet fever and diphtheria.

and introduces into village life a serious danger, as it is difficult to provide nursing for cases of this kind in the homes of the people, and in a District which depends on visitors so largely for its means of livelihood the question becomes a serious one.

5. Small-pox. Provision is made by the Isle of Wight County Council for the accommodation of cases of small-pox at a disused School at Asheys, which has a cottage capable of accommodating a limited number of Staff, and a school room with accommodation for 4 patients, while extra numbers can be accommodated by placing marquees in the garden. The arrangements and management are placed in the hands of the Isle of Wight Joint Hospital Board, who provide at short notice the necessary medical attention, nursing &c.

6. Other. The main Hospital providing for general illness for the district is situated in the Borough of Ryde, viz. The Royal Isle of Wight County Hospital, which receives patients from all over this district.

The Frank James Memorial Hospital at East Cowes, outside the district, receives patients from Whippingham and the neighbourhood around East Cowes.

Patients have also been sent from time to time to the Scio Hospital in Shanklin, which was originally started as a Children's Hospital.

There is no Institutional provision for unmarried mothers, illegitimate infants, or homeless children in the district.

#### AMBULANCE FACILITIES.

- (a) For infectious cases.—The Joint Isolation Hospital at Fairlee provides a motor ambulance which is available at all times for the conveyance of cases of infectious diseases.

Cases which are being removed to the Hospital from the constituent Authorities are conveyed free of charge, and as regards others the ambulance can be obtained at a charge of 1/- per mile on application to the Hospital (Telephone, Newport 106). A trained nurse travels with the ambulance.

(b) For non-infectious and accident cases.—The Isle of Wight Branch of the British Red Cross Society provides a motor ambulance which is the property of the Joint Council of the British Red Cross Society and the Order of St. John of Jerusalem. This ambulance is stationed at the garage of Messrs. Bird Cheverton and Day, in Pyle Street, Newport, and can be obtained at all times for any part of the Isle of Wight at a charge of 1/- per mile. (Telephone, Newport 153). Arrangements are made for a V.A.D. nurse to travel with the ambulance, and all provision exists for long journeys which are frequently taken to different parts of England.

## 6. Laboratory Work.

Pathological and bacteriological examinations are made by the Clinical Research Association of London, every practitioner who desires it, being provided with a sterile swab for the testing of suspicious cases of diphtheria, and when a swab is used by a practitioner a telegram of the result is sent to him within 48 hours of the dispatch of the swab, and a typed report forwarded to the Medical Officer of Health, which enables him to verify the address of the patient being within the District. During the year under review 43 swabs were forwarded, and of these 3 were positive and 40 negative.

Sputa from cases of tuberculosis can also be forwarded for analysis, and during the year under review 4 specimens were sent, and of these 2 were positive and 2 negative.

Specimens of blood for the Widal test for enteric fever can also be sent and excreta, so as to enable a certificate of

freedom to be given, and this latter is of extreme importance in order to prevent the possibility of a typhoid carrier coming in contact with milk or other food.

## 7. Sanitary Administration.

### LIST OF ADOPTIVE ACTS, BYELAWS AND LOCAL REGULATIONS.

No Local Acts exist in the District.

The following Acts have been adopted :—

The Public Health Acts Amendment Act, 1890.

The Infectious Diseases Prevention Act.

The Public Health Acts Amendment Act, 1907—Sections 34-38, 43-46, and 48-50 of Part III, and Sections 52-66 and 68 of Part IV, throughout the district ; Sections 39-42 of Part III are also in force in Freshwater and Yarmouth only.

As regards Regulations, you have Regulations in force approved by the Central Authority with respect to Dairies, Cowsheds, and Milkshops, adopted in 1900.

Byelaws with respect to Tents, Vans, Sheds, and similar structures used for human habitation, adopted in 1915.

Byelaws with respect to New Buildings.

Byelaws with respect to Nuisances.

### TABULAR SUMMARY OF THE WORK OF THE SANITARY DEPARTMENT DURING THE YEAR.

		Western	Eastern	Central
HOUSES INSPECTED—				
(a)	As result of complaint	100	152	219
(b)	Re-inspections as result of complaint	142	105	113

			Western	Eastern	Central
NOTICES SERVED—					
Preliminary Notices ... ..			133	222	269
Final Notices ... ..			—	—	2
Legal proceedings taken ... ..			—	—	—
Number of convictions ... ..			—	—	—
NUISANCES REPORTED—					
Cases of overcrowding... ..			1	—	16
Defective pail closets ... ..			5	13	18
Defective water closets ... ..			6	34	40
Defective drains ... ..			42	67	47
Overflowing cesspits ... ..			6	18	23
Accumulations of refuse ... ..			24	38	35
Cases of uncleanness... ..			6	3	10
Other nuisances ... ..			55	107	123
Total ... ..			<u>145</u>	<u>280</u>	<u>312</u>
NUISANCES ABATED—					
Cases of overcrowding ... ..			1	—	—
Defective Pail closets ... ..			5	17	19
Defective water closets ... ..			6	34	36
Defective drains ... ..			42	75	46
Overflowing cesspits ... ..			6	18	27
Accumulations of refuse ... ..			24	38	39
Cases of uncleanness ... ..			6	3	9
Other nuisances ... ..			55	93	131
Total ... ..			<u>145</u>	<u>278</u>	<u>307</u>
Privy pits converted to pail closets ...			1	5	9
Privy pits converted to water closets			—	—	1
Pail closets converted to water closets			3	2	7
New water closets provided (not included in above) ... ..			7	13	35
Houses drained and connected to sewer			25	27	18

Houses drained into cesspools ...	15	7	11
Water samples taken for analysis ...	1	4	—
Houses connected to water mains ...	36	33	47
Wells closed ... ..	—	—	2
Visits to Sewage Works .. ...	302	124	156
Visits to Waterworks ... ..	31	169	388
Visits <i>re</i> scavenging ... ..	189	181	201
Number of meetings attended ...	47	55	93

## INFECTIOUS DISEASE—

Number of notified cases inquired into	21	47	17
Number of houses disinfected ...	10	18	13
Number of visits ... ..	25	56	73
Number of articles of bedding destroyed ... ..	—	4	3

## DAIRIES AND COWSHEDS—

Number of visits of inspection ...	94	234	316
Number of cleansing notices sent out	87	240	191
Number of cleansing notices complied with ... ..	87	222	304
Number of contraventions found ...	—	18	65
Number of contraventions remedied...	—	12	87

## BAKEHOUSES—

Number of visits of inspection... ..	21	47	77
Number of cleansing notices sent out	16	28	48
Number of cleansing notices complied with ... ..	16	26	51
Number of contraventions found ...	—	2	11
Number of contraventions remedied...	—	2	9

## SLAUGHTER-HOUSES, &amp;c.—

Number of inspections ... ..	20	42	205
Number of cleansing notices sent out	—	4	21
Number of cleansing notices complied with ... ..	—	4	19
Number of contraventions found ...	—	—	25

Number of contraventions remedied...	—	—	27
Number of visits to meat depôts other than slaughter-houses... ..	—	22	97
OFFENSIVE TRADES—			
Knacker's yard inspections ... ..	—	6	21
Knacker's yard contraventions found	—	—	6
Knacker's yard contraventions remedied	—	—	4
Bone mill inspections ... ..	—	—	47
Bone mill contraventions found ...	—	—	9
Bone mill contraventions remedied ...	—	—	9
CARBIDE AND PETROL STORES—			
Number of inspections ... ..	19	22	45
Number of contraventions found ...	—	9	6
Number of contraventions remedied...	—	6	6
WORKSHOPS, EXCLUDING BAKEHOUSES—			
Number of inspections ... ..	56	73	145
Number of cleansing notices sent out	—	17	74
Number of cleansing notices complied with ... ..	—	13	111
Number of contraventions found ...	—	2	9
Number of contraventions remedied...	—	2	10
NEW BUILDINGS—			
Plans of new dwelling houses approved	36	43	38
Plans of new public buildings approved	—	—	2
Plans of alterations and additions ap- proved ... ..	13	15	38
New dwelling houses completed and certificates granted ... ..	31	35	30
New public buildings completed ...	1	—	1
Alterations and additions completed	16	12	36
Number of contraventions of bye-laws found ... ..	6	8	44
Number of contraventions of bye-laws			

remedied	...	...	...	6	8	59
Number of visits to new buildings	...			163	282	458

The work of the Sanitary department during the year includes the statement received from the three sanitary inspectors under Article 19 (12) of the Sanitary Officers Order, 1922.

#### INSPECTION OF PLACES WHERE FOOD IS PREPARED.

It will be seen from the lists that 145 visits were paid to bakehouses, 92 cleansing notices being sent out, and 13 contraventions found, 11 of these being remedied during the year.

#### SLAUGHTER HOUSES.

The total number of slaughter-houses in the district amounts to 18, and these are situated in the following parishes :

Ashey	...	...	...	1
Bembridge	...	...	...	2
Brading	...	...	...	1
Brighstone	...	...	...	1
Carisbrooke	...	...	...	2
Chale	...	...	...	1
Freshwater	...	...	...	1
Godshill	...	...	...	1
Niton	...	...	...	1
Northwood	.	...	...	1
Whippingham	...	...	...	1
Wroxall	...	...	...	3
Yarmouth	...	...	...	2
Total	...	...	...	<hr/> 18 <hr/>

LIST OF WORKSHOPS IN THE DISTRICT AT THE CLOSE OF THE YEAR 1923.

Name of Parish.	Total number of Workshops.	Bakehouses.	Blacksmiths.	Boat Builders.	Bone Mills.	Bootmakers.	Brewers.	Brickmakers.	Builders.	Cabinet Makers.	Carpenters.	Cement Mills.	Cycle Repairers.	Dressmakers.	Laundries.	Millers.	Monumental Masons.	Motor Engineers.	Painters.	Plumbers.	Printers.	Saddlers.	Saw Mills.	Tailors.	Watchmakers.	Wheelwrights.	Electricians.	Brush Makers.	Picture Framers.
Ashey ...	12	1	2	-	-	2	-	1	-	-	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	-
Bembridge ...	26	3	2	2	-	3	-	1	3	-	1	-	2	1	-	-	-	3	1	2	-	-	-	-	1	-	-	-	-
Binstead ...	9	2	1	-	-	1	-	-	1	-	1	-	-	-	-	1	-	1	1	1	-	-	-	-	-	-	-	-	-
Bonchurch ...	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Brading ...	20	3	2	-	-	2	-	1	1	-	3	1	2	-	2	-	-	-	1	1	-	1	-	-	-	-	-	-	-
Brightstone ...	7	1	1	-	-	-	-	-	2	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Brooke ...	2	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calbourne ...	11	1	2	-	-	-	-	-	2	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Carisbrooke ...	31	4	2	1	1	4	-	2	1	1	3	-	1	-	1	-	-	2	-	-	-	-	3	3	-	1	1	-	-
Chale ...	12	2	1	-	-	1	1	-	1	-	2	-	1	-	-	-	-	1	1	1	1	1	-	-	-	2	-	-	-
Freshwater ...	35	3	3	-	-	4	-	2	6	2	-	-	1	1	1	1	1	1	1	1	1	1	-	3	1	1	-	-	1
Gatecombe ...	4	-	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Godshill ...	11	1	3	-	-	1	-	-	1	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kingston ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mottistone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newchurch ...	10	1	2	-	-	1	-	1	2	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-
Niton ...	22	2	2	-	-	2	-	1	4	1	4	-	-	1	-	-	-	-	3	2	-	-	-	-	-	-	-	-	-
Northwood ...	18	2	3	-	-	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	7	-	-	2	-	-	-
St. Lawrence ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shalfleet ...	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Shorwell ...	7	1	1	-	-	-	-	-	1	-	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-
South Arreton ...	9	-	3	-	-	-	-	1	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
Thorley ...	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totland ...	11	2	-	-	-	-	-	-	3	-	-	-	-	1	-	-	-	1	-	1	1	-	-	1	1	-	-	-	-
Whippingham ...	13	2	1	1	-	3	-	-	2	-	-	-	1	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-
Whitwell ...	9	1	1	-	-	-	-	1	1	-	1	-	-	-	-	2	-	-	-	-	-	-	1	-	-	1	-	-	-
Wroxall ...	14	2	1	-	-	1	-	-	2	-	2	-	1	1	-	1	-	-	1	2	-	-	-	-	-	-	-	-	-
Yarmouth ...	11	2	1	1	-	-	-	-	1	-	2	-	-	-	1	-	-	1	-	-	-	1	-	1	-	-	-	-	-
Yaverland ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals ...	310	37	38	5	1	25	1	14	38	4	32	2	10	7	4	11	1	7	15	10	2	3	11	9	2	18	1	1	1



It will be seen that 267 visits were paid to slaughter-houses, and that meat depots other than slaughter houses received 119 visits.

The following food found unfit has been destroyed during the year :—

Beef ... ..	2992 lbs.
Preserved beef ... ..	3 tins
Mutton ... ..	797 lbs.
Pork ... ..	666 lbs.
Bacon ... ..	642 lbs.
Organs ... ..	1046 lbs.
Other foods ... ..	242 lbs.

#### DISINFECTION.

The arrangements for disinfection consist of Formalin spraying and fumigation by Formalin lamps for the routine disinfection of rooms after cases of infectious disease.

Mattresses, and other woollen clothing are removed to the steam disinfector at the Isolation Hospital in so far as the Fairlee area is concerned.

These measures are carried out after every case of notified infectious disease. In the case of those removed to hospital, the disinfection is carried out immediately after the removal of the patient and the bedding, while in the case of those nursed at home the disinfection and removal of the bedding is carried out when a certificate is received from the medical practitioner in attendance that the patient has recovered and is no longer infectious. At the same time that these routine duties are carried out the friends of the patient are instructed to carry out a thorough cleansing of the house, and to open all windows. This is very necessary, as there is an unfortunate tendency to consider that when disinfection has been carried out by the sanitary authority no cleaning is necessary.

#### NUISANCES.

The investigation of premises and searching out nuisances still proceeds, and in this connection 44 privy pits were abolished during the year, making a total of 766 since 1907, when the first attempt was made to endeavour to rid the district of these grave nuisances.

## ACTION TAKEN WITH REGARD TO DAIRIES, COWSHEDS, AND MILKSHOPS.

Under the Milk and Dairies Amendment Act, 1922, 341 applications for registration were received, and of these 168 were wholesale vendors or producers only, and 173 were retail sellers.

You are at present endeavouring to come to some arrangement with the various neighbouring Authorities as regards having uniform Regulations, as in the Isle of Wight all Districts are connected in so far as the provision of milk is concerned, the Rural District providing the greater number of farms, and the Urban Districts providing the greater number of consumers.

Under the new Act two separate Registers have to be kept, one for wholesale traders and producers, and another for those who sell by retail, and as regards the latter, you are empowered to refuse to register anyone on being satisfied that the public health is endangered, or likely to be endangered, by any act or default, and in the case of a retail vendor already registered, you are empowered to serve a notice on him to appear before you in not less than seven days, and show cause why his name should not be removed from the Register.

### **8. Public Health Staff.**

The staff of the Public Health Department consists of one part-time Medical Officer of Health, and three whole-time Sanitary Inspectors and Surveyors.

The Medical Officer of Health holds the Diploma in Public Health, and is not engaged in private practice, and is also the Medical Superintendent of the Hospital for Infectious Diseases of the Isle of Wight Joint Hospital Board, of which you are a constituent Authority as regards 24 of the 29 Parishes in the District.

The three Sanitary Inspectors devote their whole time to the work of the Council, which consists of the duties of House-

ing Inspectors, Petroleum Inspectors, &c., as well as Sanitary Inspectors and Surveyors.

All these appointments are sanctioned by the Ministry of Health, and one half of the salary of the Medical Officer of Health and one half of the salary of each Inspector, in so far as the appointment refers to sanitary inspection, is refunded by Exchequer Grant through the County Council.

The District is divided into three—Eastern, Central, and Western—and the areas, populations, and houses, are as follows, according to the Census of 1921 :—

	Area in Acres	Population.	Institutions.	Population less Institutions.	Houses.
Western	13,905	7,322	134	7,188	1,659
Eastern	29,360	9,800	117	9,683	2,313
Central	43,660	13,788	2,190	11,598	2,813
Total	86,925	30,910	2,441	28,469	6,785

During the year under review a portion of the Parish of Northwood has been transferred to the Urban District of Cowes, and therefore the population of the Central District is about 890 less than that stated in the Census.

You have now appointed Mr. F. W. Buxton to be temporary Inspector, his duties to be mainly those in connection with Housing, to commence duty on 1st January, 1924, and, after a short preliminary training under Mr. Buxton Senior in the Parish of Yarmouth, he will inspect those houses mainly of the working classes in the Eastern and Central Districts, which have not yet been inspected under the Housing (Inspection of Districts) Regulations, 1910.

## 9. Housing.

Number of new houses erected during the year :—

(a) Total           ...           ...           ...           ...           97

(b) With State assistance under the Housing Acts, 1919, or 1923:

(1) By the Local Authority	...	...	Nil
(2) By other bodies or persons	...	...	Nil

1.—*Unfit dwelling-houses.*

Inspection—(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	...	...	...	—
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	...	...	...	698
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	5
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	...	...	...	382

2.—*Remedy of Defects without Service of Formal Notices.*

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	...	...	...	105
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3.—*Action under Statutory Powers.*

A.—Proceedings under Section 28 of the Housing, Town Planning, &c., Act, 1919—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	...	...	...	3
(2) Number of dwelling-houses which were rendered fit:—				
(a) By owners...	...	...	...	45
(b) By Local Authority in default of owners	...	...	...	—
(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	...	...	...	—

## B.—Proceedings under Public Health Acts—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	...	...	...	...	—
(2) Number of dwelling-houses in which defects were remedied:—					
(a) By owners...	...	...	...	...	—
(b) By Local Authority in default of owners	...				—

## C.—Proceedings under Sections 17 and 18 of the Housing, Town Planning, &amp;c., Act, 1909—

(1) Number of representations made with a view to the making of Closing Orders.	...	...	...	5
(2) Number of dwelling-houses in respect of which Closing Orders were made	...	...	...	5
(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit	...	...	...	1
(4) Number of dwelling-houses in respect of which Demolition Orders were made	...	...	...	—
(5) Number of dwelling-houses demolished in pursuance of Demolition Orders	...	...	...	—

The total number of houses inspected under the Housing (Inspection of Districts) Regulations, 1910, amounted during the year to 698, and 864 re-inspections were made as regards houses which have been found in need of repair in this or previous years. Of these 864 re-inspected, 380 were in the Western District, 237 in the Eastern District, and 247 in the Central District.

One of the tables shows the number of houses inspected in various Parishes during the last 5 years, and it is hoped that in the future, when first Inspections have been completed during the year 1924 by means of an extra Inspector, that the majority of houses in the district will be inspected within 5 years.

## HOUSES INSPECTED IN 1923.

Name of Parish.	Inspected.	Repairs required.	Outstanding from 1922.	Repaired.	Not repaired.
Ashey ...	35	18	2	7	13
Bembridge ...	6	4	7	2	9
Binstead...	51	21	1	5	17
Bonchurch ...	—	—	—	—	—
Brading ...	12	8	6	5	9
Brighstone ...	—	—	10	6	4
Brooke ...	—	—	3	3	—
Calbourne ...	1	1	6	—	7
Carisbrooke ...	33	28	15	19	24
Chale ...	—	—	—	—	—
Freshwater ...	175	33	31	35	29
Gatcombe ...	61	53	4	17	40
Godshill ...	10	10	5	—	15
Kingston ...	13	11	—	—	11
Mottistone ...	—	—	4	2	2
Newchurch ...	—	—	—	—	—
Niton ...	66	31	1	—	32
Northwood ...	71	48	23	24	47
St. Lawrence ...	—	—	—	—	—
Shalfleet...	—	—	32	2	30
Shorwell...	17	11	23	2	32
South Arreton ...	2	1	3	3	1
Thorley ...	—	—	3	1	2
Totland ...	1	—	3	—	3
Whippingham ...	29	20	5	4	21
Whitwell ...	34	26	7	2	31
Wroxall ...	81	57	1	11	47
Yarmouth ...	—	—	—	—	—
Yaverland ...	—	—	—	—	—
	698	381	195	150	426
Mr. Buxton ...	176	33	76	43	66
Mr. Cullin ...	135	72	24	26	70
Mr. Merwood ...	387	276	95	81	290

## HOUSES INSPECTED.

Name of Parish.	Total.	1919.	1920.	1921.	1922.	1923.
Ashey ...	68	12	7	12	2	35
Bembridge ...	14	—	1	1	6	6
Binstead ...	60	1	—	1	4	54
Bonchurch ...	0	—	—	—	—	—
Brading ...	43	6	4	13	8	12
Brighstone ...	88	88	—	—	—	—
Brooke ...	42	—	42	—	—	—
Calbourne ...	15	—	7	5	2	1
Carisbrooke ...	61	—	17	11	—	33
Chale ...	0	—	—	—	—	—
Freshwater ...	413	43	3	131	61	175
Gatcombe ...	77	—	1	15	—	61
Godshill ...	15	—	4	1	—	10
Kingston ...	13	—	—	—	—	13
Mottistone ...	22	—	22	—	—	—
Newchurch ...	3	—	3	—	—	—
Niton ...	68	—	2	—	—	66
Northwood ...	105	28	5	1	—	71
St. Lawrence ...	0	—	—	—	—	—
Shalfleet ...	124	21	103	—	—	—
Shorwell ...	49	—	27	—	5	17
South Arreton ...	20	8	4	2	4	2
Thorley ...	27	27	—	—	—	—
Totland ...	41	40	—	—	—	—
Whippingham ...	56	3	12	13	2	26
Whitwell ...	72	—	38	—	—	34
Wroxall ...	89	—	5	3	—	81
Yarmouth ...	3	—	—	—	—	—
Yaverland ...	0	—	—	—	—	—
	1585	277	307	209	94	698
Mr. Buxton ...	757	219	170	131	61	176
Mr. Cullin ...	264	30	31	42	26	135
Mr. Merwood ...	564	28	106	36	7	387
	1585	277	307	209	94	698

## NEW HOUSES ERECTED DURING THE YEAR 1923.

Parish	Number of rooms					Total
	2	3	4	5	6 or more	
Ashey ...	—	1	3	1	—	5
Bembridge ...	2	—	6	4	6	18
Binstead ...	—	—	—	—	1	1
Bonchurch ...	—	—	—	1	—	1
Brading ...	—	—	—	1	3	4
Brighstone ...	1	—	—	—	1	2
Calbourne ...	—	—	—	1	—	1
Carisbrooke ...	—	—	—	1	3	4
Chale ...	—	—	—	1	3	4
Freshwater ...	—	1	1	3	6	11
Gatcombe ...	—	—	—	—	2	2
Newchurch ...	—	1	—	—	1	2
Niton ...	—	—	2	—	—	2
Northwood ...	—	—	1	6	4	11
St. Lawrence ...	—	—	2	—	—	2
Shalfleet ...	4	—	2	3	2	11
Totland ...	—	—	1	1	7	9
Whippingham ...	—	—	1	3	2	6
Wroxall ...	—	—	—	1	—	1
Totals ...	7	3	19	27	41	97

## NEW BUILDINGS.

The total number of new houses erected during the year was 97, which is the largest number recorded since the year 1898, and of these 56, or over 57 per cent, had less than six rooms, and could therefore be placed in the category of houses of the working classes.

The tables show that as regards the district as a whole, the average yearly addition of houses was 67 during the last three years, while the average for the first twenty years of the century was 43.

In the annual report for the year 1920, an estimate was made of the deficiency of houses in the district, and the estimate then made was calculated on the assumption that the population of the district would increase in the same proportion between 1911 and 1921 as it had done between 1901 and 1911, but this was found, at the census, not to have occurred, the increase, on the civil population, which can be accounted for by eliminating the decrease in institutions, not being nearly so great at this last census as it was at the previous one. At the same time the average number of houses built has rapidly increased.

At the same time there can be no doubt that houses are required in certain parishes.

The parishes which show a decrease in building are Binstead, Carisbrooke, Mottistone, Newchurch, Northwood, Shorwell, South Arreton, Totland, Whitwell, Yarmouth and Yaverland, and from the table of populations at the three census periods it will be seen that of these the parishes of Binstead, Carisbrooke, Northwood, Totland and Whitwell have steadily increased in population, while the parishes of Mottistone, Newchurch, Shorwell, South Arreton, Yarmouth and Yaverland have decreased.

## NEW HOUSES ERECTED.

Name of Parish.	Average 1901-1921	Average 1921-1923	Total 1921-1923		
Ashey ...	1.9	3.3	10	+	
Bembridge ...	5.0	14.0	42	+	
Binstead ...	1.9	0.3	1		-
Bonchurch ...	0.2	0.3	1	+	
Brading ...	1.9	3.0	9	+	
Brighstone ...	0.15	0.6	2	+	
Brooke ...	0.05	0.3	1	+	
Calbourne ...	0.3	0.6	2	+	
Carisbrooke ...	5.3	2.0	6		-
Chale ...	0.8	3.6	11	+	
Freshwater ...	6.8	7.0	21	+	
Gatcombe ...	0.1	0.6	2	+	
Godshill ...	2.0	2.3	7	+	
Kingston ...	0.0	0.0	0		
Mottistone ...	0.05	0.0	0		-
Newchurch ...	1.1	1.0	3		-
Niton ...	1.5	0.6	2		-
Northwood ...	4.1	8.3	25	+	
St. Lawrence ...	0.8	1.0	3	+	
Shalfleet ...	2.0	8.0	24	+	
Shorwell ...	0.7	0.0	0		-
South Arreton...	0.9	0.3	1		-
Thorley ...	0.0	0.0	0		
Totland ...	4.4	4.0	12		-
Whippingham ...	1.6	3.0	9	+	
Whitwell ...	1.1	0.6	2		-
Wroxall ...	0.8	1.0	3	+	
Yarmouth ...	2.0	0.6	2		-
Yaverland ...	0.15	0.0	0		-
	43	67	201		

## POPULATION.

Name of Parish.	1901	1911	1921	Increase or decrease between 1901-1911	Increase or decrease between 1911-1921	Increase or decrease between 1901-1921
Ashey ...	1621	1471	1427			
Bembridge ...	1127	1428	1973			
Binstead ...	851	969	1013	+	+	+
Bouchurch ...	539	530	501			
Brading ...	1732	1563	1696			
Brighstone ...	493	469	433			
Brooke ...	221	220	218			
Calbourne ...	747	720	670			
Carisbrooke ...	3993	5139	4767	+	-	+
Chale ...	543	565	568			
Freshwater ...	3306	3192	3439			
Gatcombe ...	407	369	341			
Godshill ...	906	964	972			
Kingston ...	68	68	62			
Mottiston : ...	122	100	105	-	+	-
Newchurch ...	711	751	707	+	-	-
Niton ...	884	866	928			
Northwood ...	2016	2385	2243	+	-	+
St. Lawrence ...	361	366	310			
Shalfleet ...	798	822	835			
Shorwell ...	533	541	473	+	-	-
South Arreton ...	897	932	850	+	-	-
Thorley ...	129	152	143			
Totland ...	1328	1441	1689	+	+	+
Whippingham ...	1739	2545	2033			
Whitwell ...	633	681	664	+	-	+
Wroxall ...	775	828	856			
Yarmouth ...	948	847	893	-	+	-
Yaverland ...	131	135	101	+	-	-
	28559	31059	30910			

## (b) METEOROLOGY.

Thanks are again due to Mr. Dover and Major Brodie for kindly furnishing Meteorological Tables for the year 1923.

The records furnished by Mr. Dover are taken in the Parish of Totland at a distance of 600 feet from the edge of the cliff, and about 140 feet above sea level. These records show that the rainfall for the year was 30.73 inches, which is above the average recorded since 1886, viz. 28.57, to the end of 1922. The number of wet days, 182, was also above the average for the same period, viz. 162.4. The number of hours of bright sunshine, 1708.4, was below the average recorded since 1902, viz. 1780.4, to the end of 1922, while the number of sunless days, 48, was also less than the average during the same period, viz. 57.9.

The records furnished by Major Brodie are taken at a distance of about  $1\frac{1}{4}$  miles from the sea at Wootton in the Parish of Whippingham, and at a height of about 100 feet above the level of the sea. It will be seen from these that the rainfall for the year was 33.42 inches, which was in excess of Totland, while on the other hand the number of wet days, that is days on which 0.01 inches of rain fell, was 175 against 182 in Totland.

TOTLAND BAY METEOROLOGICAL TABLE, 1923.

Month.	Maximum for month.	Minimum for month.	Mean daily Maximum.	Mean daily Minimum.	Mean Temperature.	Rainfall in Inches.	.01 or more Rain Days.	Greatest fall in one Day.	Hours of bright Sunshine.	Sunless Days.
January ...	54.4	29.9	47.8	37.9	42.9	1.29	9	0.44	25.7	9
February...	52.8	33.1	49.4	41.8	45.6	4.70	23	0.83	70.0	7
March ...	55.8	34.8	50.0	40.6	45.3	1.75	15	0.39	134.8	5
April ...	60.6	32.0	52.9	41.8	47.3	3.38	19	0.71	136.7	4
May ...	70.1	39.0	57.6	44.9	51.2	2.88	17	1.08	185.5	1
June ...	72.2	39.9	62.1	49.8	56.0	0.45	5	0.32	163.7	3
July ...	86.1	48.1	69.8	57.6	63.7	1.36	9	0.74	215.8	0
August ...	73.8	51.8	67.0	56.0	61.5	1.87	13	0.76	255.1	0
September	70.4	42.2	63.8	51.2	57.5	3.12	14	0.74	199.9	0
October ...	63.9	37.0	57.9	48.5	53.2	5.74	22	1.13	103.1	7
November	55.9	23.0	45.3	36.2	40.8	1.36	15	0.56	106.4	4
December	50.8	26.1	47.1	36.5	41.8	2.83	21	0.42	62.7	88
Year	86.1	23.0	55.9	45.2	50.6	30.73	182	1.13	1708.4	48

WOOLTON METEOROLOGICAL TABLE, 1923.

	Maximum for month.	Minimum for month.	Mean Maximum.	Mean Minimum.	Mean Temp. for month.	Rainfall.	No. of Days .01 fell.	No. of Days .04 fell.	Wind.
January	56	26	49.5	34	41.7	1.46	13	6	N. 16. S. 13.
February	54	30	51.1	38.3	44.7	5.39	23	17	S. W.
March	64	32	52.4	37.4	44.9	1.75	15	9	N. E. S. W.
April	62	31	55.5	39	47.2	3.65	18	16	E.
May	70	35	59.0	41.6	56.3	2.57	14	10	N. W. S. E.
June	79	38	63.9	47.4	55.6	.38	5	2	N. W.
July	87	47	73.5	55.6	64.5	.76	9	7	S. W.
August	79	40	69.8	52.3	61	2.34	13	8	S. W.
September	76	42	64.9	47.7	56.3	2.88	13	11	S. W.
October	65	32	59.3	44.4	51.8	6.48	23	21	S. W.
November	58	20	46.6	32	39.3	1.86	10	6	N. W. N. E.
December	55	24	49.2	34.1	41.6	3.90	19	17	S. W. N. W.
Mean for Year ...	67.1	33.1	57.8	41.9	50.4	33.42	175	130	—

## REFUSE DISPOSAL.

Of the 29 Parishes in the District only one, the Parish of Bonchurch with a population of 500, is provided with a destructor, and thus prevents the breeding of flies and rats, which are prevalent in all cases where refuse tips are provided. The dumping of refuse in heaps is unsightly and insanitary, and is a grave danger owing to the breeding of flies, and is unworthy of a District which caters for visitors in Summer.

The provision of small destructors is not an expensive matter, and experience gained during the Great War showed that small incinerators could be used effectively for the destruction of refuse of camps of 4000 and over.

The urgent need of small destructors or incinerators particularly applies to such Parishes as Bembridge, Binstead, Brading, Carisbrooke, Freshwater, Totland, and Yarmouth. The Parishes of Freshwater and Totland might well be associated in the provision of a destructor for the disposal of the refuse of the combined Parishes. The clinker resulting from the process can be usefully employed in the foundations of the roads.

(c) A sewer is being laid in Howgate Road, Bembridge, which will enable houses there to be connected. This is being carried out by direct labour from plans prepared by your Sanitary Surveyor.

A 3 inch water main is being laid at Winford in the Parish of Newchurch.

The improvements carried out at the reservoir of Brighstone water supply in the year 1922 have resulted in a greatly increased supply for the district during the year.

A water main extension from the Calbourne high level mains has been carried out during the year, and will supply a long felt want by enabling farms in the Parish of Carisbrooke to be supplied with water.

(d) No special action has been taken during the year to arouse public interest in the prevention of ill health, as it is very difficult in a Rural District to institute propaganda of such a nature that it will attract the attention of those to whom it is most necessary. The only efficient means of attracting attention to public health appears to be by means of the film, and there is only one Parish in the District in which a Cinema exists.

(e) No important special reports have been transmitted during the year.

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